NOTICE OF PUBLIC MEETING
CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

SEPTEMBER 12, 1991
8:30 A.M.

COUNCIL CHAMBERS
CITY OF LAS VEGAS CITY HALL
400 EAST STEWART
LAS VEGAS, NEVADA 89101

FOR ADDITIONAL INFORMATION CONTACT:
VIRGINIA BAX-VALENTINE, P.E., GENERAL MANAGER
301 EAST CLARK AVENUE, SUITE 301
LAS VEGAS, NEVADA 89101
455-3139

POSTED: SEPTEMBER 6, 1991
CITY OF NORTH LAS VEGAS
2200 CIVIC CENTER DRIVE
NORTH LAS VEGAS, NV 89030

CLARK COUNTY BRIDGER BUILDING
225 BRIDGER AVENUE
LAS VEGAS, NV 89155

CITY OF LAS VEGAS CITY HALL
400 EAST STEWART
LAS VEGAS, NV 89101

REGIONAL FLOOD CONTROL DISTRICT
301 EAST CLARK, SUITE 300
LAS VEGAS, NV 89101

BY: Di Cole Maltz
AGENDA
BOARD OF DIRECTORS
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
SEPTEMBER 12, 1991

I. CALL TO ORDER
   1) ACTION TO CALL THE MEETING TO ORDER AND TO APPROVE THE AGENDA
   2) ACTION TO APPROVE THE MINUTES OF THE REGULARLY SCHEDULED MEETING OF AUGUST 8, 1991

II. PLANNING
   3) ACTION TO ADOPT AN AMENDMENT TO THE BOULDER CITY MASTER PLAN (THIS IS A PUBLIC HEARING)

III. DESIGN AND CONSTRUCTION
   4) AGREEMENTS HELD OVER FROM THE AUGUST 8, 1991 MEETING
      A) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN A FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE DESIGN OF THE OAKLEY BOULEVARD DETENTION AND CONVEYANCE SYSTEM
      B) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE THIRD SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE GOWAN OUTFALL AND CONVEYANCE SYSTEM COST REIMBURSEMENT--CHEYENNE AVENUE STORM SEWER
      C) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN OF THE UNION PACIFIC RAILROAD CHANNEL
      D) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN OF THE KYLE CANYON DETENTION BASIN
      E) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN AND RIGHT-OF-WAY ENGINEERING FOR THE DUCK CREEK CHANNEL CROSSING AT PACHUCA STREET AND TOMIYASU LANE
      F) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN OF THE VAN BUSKIRK CHANNEL BETWEEN SPENCER STREET AND ROCHELLE AVENUE
      G) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE ACQUISITION OF RIGHT-OF-WAY FOR THE LOGAN WASH CHANNEL IN MOAPA VALLEY
   5) ACTION TO APPROVE A REQUEST FROM THE CITY OF LAS VEGAS FOR CHANGE ORDER NO. 6 ON THE CAREY/LAKE MEAD SYSTEM: LAKE MEAD BOULEVARD - PHASE 1B
6) ADOPTION OF RECOMMENDATION OF APPROVAL OF RIGHT-OF-WAY ACQUISITION NEGOTIATED SETTLEMENTS:

A) Generally located one-quarter mile east of Jones Boulevard, south of Log Cabin Way (approximately two miles east of Floyd Lamb State Park). Proposed Settlement in the amount of $40,000. Parcel #01E-020-003, ATEP Trust, Owner

B) Generally located one-quarter mile east of Durango Drive, south of Moccasin Road (approximately two miles NNW of Floyd Lamb State Park). Proposed Settlement in the amount of $125,640. Parcel #01E-070-007, Becker Trust Et. Al., Owner

7) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE THIRD SUPPLEMENTAL INTERLOCAL AGREEMENT FOR THE DESIGN AND CONSTRUCTION OF THE HEMENWAY VALLEY WASH IMPROVEMENTS

8) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN OF THE BUFFALO CHANNEL - SUMMERLIN PARKWAY TO VEGAS DRIVE

9) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN OF THE GOWAN NORTH CHANNEL

10) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN AND RIGHT-OF-WAY ENGINEERING OF THE C-1 CHANNEL SYSTEM, BLACK MOUNTAIN DETENTION BASIN, AND MISSION HILLS DETENTION BASIN

IV. ADMINISTRATION

11) ACTION TO ACCEPT THE PROJECT STATUS REPORTS FOR ANNUAL MAINTENANCE PROGRAMS IN CLARK COUNTY, AND THE CITIES OF BOULDER CITY, HENDERSON, LAS VEGAS, MESQUITE, AND NORTH LAS VEGAS

12) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT BETWEEN THE DISTRICT AND CLARK COUNTY FOR BOND ADMINISTRATION AND FINANCIAL SERVICES

13) DISCUSSION OF FUTURE DISTRICT FACILITIES AND ACTION TO DIRECT STAFF AS DEEMED APPROPRIATE

14) ACTION TO APPROVE THE PURCHASE OF FLOOD WARNING/DATA COLLECTION EQUIPMENT FROM HANDAR INC., A SOLE SOURCE SUPPLIER

15) ACTION TO APPROVE THE PURCHASE OF LICENSES AND SOFTWARE NECESSARY TO UPGRADE THE DISTRICT'S COMPUTER SYSTEM

16) ACTION TO ACCEPT THE PROJECT STATUS REPORTS

17) ACTION TO ACCEPT THE FINANCIAL REPORTS
MEMORANDUM

TO: BOARD OF DIRECTORS, REGIONAL FLOOD CONTROL DISTRICT

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

SUBJECT: MEETING OF SEPTEMBER 12, 1991

DATE: SEPTEMBER 5, 1991

I. CALL TO ORDER

1) ACTION TO CALL THE MEETING TO ORDER AND TO APPROVE THE AGENDA

2) ACTION TO APPROVE THE MINUTES OF THE REGULARLY SCHEDULED MEETING OF AUGUST 8, 1991:
   The minutes are in order for approval.

II. PLANNING

3) ACTION TO ADOPT AN AMENDMENT TO THE BOULDER CITY MASTER PLAN (THIS IS A PUBLIC HEARING):
   Coe and Van Loo Consultants, Inc. under contract to the City of Boulder City, has been requested to prepare the Amendment to the Boulder City Flood Control Master Plan. The original Master Plan was prepared by Coe and Van Loo in July, 1990. The Master Plan Amendment only addresses changes in the plan of flood control facilities within the Hemenway Valley Watershed. During preparation of final design for the Hemenway Valley Wash project, Boulder City experienced difficulty in acquisition of a detention basin site located on property owned by the St. Judes’s Ranch, therefore, a change in the facilities was required and the Master Plan needed to be amended to incorporate the changes.

   There is no fiscal impact to the District, since Boulder City will fund the cost of the redesign of the Hemenway Valley Wash Improvements and the cost of amending the Master Plan. The agenda backup includes the Executive Summary as prepared by Coe and Van Loo. Staff recommends approval.

III. DESIGN AND CONSTRUCTION

4) AGREEMENTS HELD OVER FROM THE AUGUST 8, 1991 MEETING

301 E. Clark Avenue, Suite 301 • Las Vegas, Nevada 89101
(702) 455-3139 • FAX: (702) 455-3870
A) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN A FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE DESIGN OF THE Oakey Boulevard Detention and Conveyance System:
The City of Las Vegas is requesting $32,000 to include the design of a Sahara Avenue tributary as part of the Oakey Boulevard Detention and Conveyance System. The $480,000 programmed for this project on the June, 1991 project list has been encumbered by a previous contract. Therefore, the request exceeds the project list amount by $32,000.

The City had requested $50,000 in a previous interlocal contract for this project and staff recommended that they reduce that amount by $18,000, due to the project being considered a "secondary facility." The City has submitted a revised request, and both Advisory Committees recommend approval of the contract.

The District Attorney has reviewed the contract as to form. Funds are available to cover the $32,000 request and staff recommends approval subject to adoption of the Las Vegas Valley Master Plan Update by all entities in the hydrographic area.

B) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE THIRD SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE Gowan Outfall and Conveyance System Cost Reimbursement--Cheyenne Avenue Storm Sewer:
The City of Las Vegas is requesting a $57,625 reimbursement for construction of a storm sewer under Cheyenne Avenue as part of the Gowan Detention and Conveyance System. The District can only fund those aspects of projects that are specifically identified by the interlocal contract. Because the work and associated funding were not identified in the interlocal contract, District funds were unavailable at the time the City requested payment for the work in October, 1990.

Approval of the Third Supplemental Interlocal Contract would require that the Board grant an exception to District Policies and Procedures. Sections of the Policies and Procedures that have not been complied with are
listed on the agenda item development form included in the backup.

Funds are available to cover the $57,625 request. If the Board grants an exception to the Policies and Procedures, staff recommends that no funds be reimbursed until additional information regarding the project has been submitted to the District.

C) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN OF THE UNION PACIFIC RAILROAD CHANNEL:
The City of Henderson is requesting $150,000 for design and right-of-way engineering of the Union Pacific Railroad Channel from Pecos Road to the Pittman Wash. Funding for the project was identified on the June 1992 project list approved by the Board at the July 11, 1991 meeting. Both Advisory Committees recommend approval of the contract. The District Attorney has reviewed the contract as to form.

Funds are available to cover the $150,000 request at this time. Staff recommends approval.

D) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN OF THE KYLE CANYON DETENTION BASIN:
The City of North Las Vegas is requesting $450,000 to fund the design and right-of-way engineering for the Kyle Canyon Detention Basin. Funding for the project was identified on the June 1992 project list approved by the Board at the July 11, 1991 meeting. Both Advisory Committees recommend approval of the contract. The District Attorney has reviewed the contract as to form.

Funds are available to cover the $450,000 request. Staff recommends approval.
E) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN AND RIGHT-OF-WAY ENGINEERING FOR THE DUCK CREEK CHANNEL CROSSING AT PACHUCA STREET AND TOMIYASU LANE:
Clark County is requesting $100,000 to fund the engineering for two bridges over Duck Creek at Pachuca Street and Tomiyasu Lane. The project has been identified on the June 1992 project list approved by the Board at the July 11, 1991 meeting. Both Advisory Committees recommend approval of the contract. The District Attorney has reviewed the contract as to form.

Funds are available to cover the $100,000 request. Staff recommends approval.

F) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN OF THE VAN BUSKIRK CHANNEL BETWEEN SPENCER STREET AND ROCHELLE AVENUE:
Clark County is requesting $360,000 to fund the engineering for a part of the Van Buskirk Channel between Spencer Street and Rochelle Avenue. The project has been identified on the June 1992 project list approved by the Board July 11, 1991. Both Advisory Committees recommend approval of the contract. The District Attorney has reviewed the contract as to form.

Funds are available to cover the $360,000 request. Staff recommends approval.

G) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE ACQUISITION OF RIGHT-OF-WAY FOR THE LOGAN WASH CHANNEL IN MOAPA VALLEY:
Clark County is requesting $90,000 to fund the right-of-way acquisition for the Logan Wash Diversion and Channel located in Moapa Valley.

The right-of-way has been appraised at a total of $69,100 (May 1, 1991 appraisal date). Funding has been identified on the June 1992 project list approved by the Board July 11, 1991. Both Advisory committees recommend approval of the contract. The District Attorney has reviewed the contract as to form.
Funds are available to cover the $90,000 request. Staff recommends approval.

5) ACTION TO APPROVE A REQUEST FROM THE CITY OF LAS VEGAS FOR CHANGE ORDER NO. 6 ON THE CAREY/LAKE MEAD SYSTEM: LAKE MEAD BOULEVARD - PHASE 1B:
The City of Las Vegas is requesting a change order for the Carey/Lake Mead System for over excavation and backfill required due to poor soils encountered when installing the storm drain. There is sufficient funding in the existing interlocal contract to cover the request for $116,000. Staff recommends approval.

6) ADOPTION OF RECOMMENDATION OF APPROVAL OF RIGHT-OF-WAY ACQUISITION NEGOTIATED SETTLEMENTS:

A) North Las Vegas is presenting a negotiated settlement on a piece of property needed for construction of the Upper Las Vegas Detention Basin. The original appraisal was based upon a cost of $3,000/acre assuming that the land was within a floodplain. More detailed topographic information showed that only 1.14 acres are actually within the floodplain. The costs were adjusted to include $3,000 for the 1.14 acres in the floodplain and $16,500/acre for the 2.1 acres outside the floodplain, a total of $38,070. The counter offer of $40,000 from the owner appears reasonable. There is sufficient funding in the existing interlocal contract to cover the cost. Staff recommends approval.

B) North Las Vegas is presenting a negotiated settlement for additional property for construction of the Upper Las Vegas Detention Basin. The negotiated settlement includes the acquisition of a strip of land (residual property) that is approximately 1.69 acres, which was determined unusable by the owner and North Las Vegas. In reviewing other parcels appraised for this project, particularly parcel no. #01E-050-002 located one mile east (appraised at $15,000/acre), the negotiated settlement appears reasonable. There is sufficient funding in the existing interlocal contract to cover the cost. Staff recommends approval.
7) **ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE THIRD SUPPLEMENTAL INTERLOCAL AGREEMENT FOR THE DESIGN AND CONSTRUCTION OF THE HEMENWAY VALLEY WASH IMPROVEMENTS:**

Boulder City is requesting a change in scope of work and modification to amounts in the Second Interlocal Contract of Hemenway Valley Wash Improvements. The change in scope is required on the project and the Boulder City Master Plan due to unavailability of right-of-way for the St. Jude’s basin.

No funds are required for the change in scope. The District Attorney has reviewed the contract as to form and staff recommends approval.

8) **ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN OF THE BUFFALO CHANNEL - SUMMERLIN PARKWAY TO VEGAS DRIVE:**

The City of Las Vegas is requesting $110,000 to fund the design of the Buffalo Channel from Summerlin Parkway to Vegas Drive. The Buffalo Channel has been identified on the 1986 Master Plan, the Las Vegas Valley Master Plan Update and was identified for funding on the JUNE 1992 project list approved by the Board on July 11, 1991.

The District Attorney has reviewed the contract as to form. Funds are available to cover the request and staff recommends approval. This item does not require adoption of the Master Plan Update by all entities since it was identified on the 1986 Master Plan.

9) **ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN OF THE GOWAN NORTH CHANNEL:**

The City of Las Vegas is requesting $100,000 to fund the design and right-of-way engineering for the Gowan North Channel. The project has been identified in the Las Vegas Valley Master Plan Update and was programmed for funding on the JUNE 1992 project list approved by the Board on July 11, 1991.

The District Attorney has reviewed the contract as to form. Staff recommends approval subject to adoption of the Las Vegas Valley Master Plan Update by all entities in the hydrographic area.
10) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN AND RIGHT-OF-WAY ENGINEERING OF THE C-1 CHANNEL SYSTEM, BLACK MOUNTAIN DETENTION BASIN, AND MISSION HILLS DETENTION BASIN:
The City of Henderson is requesting $600,000 to fund the design and right-of-way engineering for the C-1 Channel System which includes the Black Mountain and Mission Hills Detention Basins. The C-1 Channel has been identified in the Las Vegas Valley Master Plan Update and was programmed for funding on the JUNE 1992 project list approved by the Board on July 11, 1991.

The District Attorney has reviewed the contract as to form. Staff recommends approval subject to adoption of the Las Vegas Valley Master Plan Update by all entities in the hydrographic area.

IV. ADMINISTRATION

11) ACTION TO ACCEPT THE PROJECT STATUS REPORTS FOR ANNUAL MAINTENANCE PROGRAMS IN CLARK COUNTY, AND THE CITIES OF BOULDER CITY, HENDERSON, LAS VEGAS, MESQUITE, AND NORTH LAS VEGAS:
The quarterly Maintenance Work Plan status reports are included in the agenda backup for review. The entities have been requested to submit new interlocals for the FY 1991/92 work plans which will be heard at the next Advisory Committee meetings.

12) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT BETWEEN THE DISTRICT AND CLARK COUNTY FOR BOND ADMINISTRATION AND FINANCIAL SERVICES:
The Board took action on July 11, 1991 to request Clark County to issue General Obligation Bonds on behalf of the District. The interlocal contract included in the backup is for administrative and financial support necessary in sales, accounting and servicing the bonds through Clark County.

There is no fiscal impact to the District. The District Attorney has reviewed the contract as to form and staff recommends approval.
13) DISCUSSION OF FUTURE DISTRICT FACILITIES AND ACTION TO DIRECT STAFF AS DEEMED APPROPRIATE:

The RFCD and RTC staff currently share office space at 301 E. Clark Avenue. The lease is due to expire on September 20, 1992 and offers two five-year renewals. The landlord is anxious to negotiate a renewal of the current lease as soon as possible. Clark County recently has considered building their government complex on the UPRR site, which may be an option for the District and RTC to consider.

The District budgeted two additional positions for FY 91/92, and recently hired a temporary student intern for the Public Information Program. RTC anticipates a substantial increase in staff as well. It appears that the current shared facilities will not be sufficient to handle both agencies' increased needs. It is the opinion of both the District and the RTC that substantial benefits exist in remaining in close proximity.

At this time with only one year left on the current lease, it may be advantageous to negotiate a renewal of the lease on an annual basis instead of the five-year renewal term. This would enable both agencies to remain at the present location in the interim without tying them to the longer term.

Staff recommends that the Board receive the report and requests direction as deemed appropriate.

14) ACTION TO APPROVE THE PURCHASE OF FLOOD WARNING/DATA COLLECTION EQUIPMENT FROM HANDAR INC., A SOLE SOURCE SUPPLIER:

The District is continuing to implement the Flood Warning and Data Collection System. This year, the District proposes to install eight rain gauges and two weather stations for a total of $63,663. Since the cost of the equipment is more than $10,000, the Board must approve the purchase. The District Attorney has reviewed the item in terms of compliance with the Local Government Purchasing Act. Staff recommends that the Board approve the purchase.

15) ACTION TO APPROVE THE PURCHASE OF LICENSES AND SOFTWARE NECESSARY TO UPGRADE THE DISTRICT’S COMPUTER SYSTEM:

The size of the District’s staff exceeds the limits of the licenses for the use of the computer operating system as well as that of the office automation package used by staff. This
purchase to upgrade these licenses will accommodate all currently authorized staff positions. The purchase also includes software for the integration of the word processor used by staff into the office automation package. A breakdown of the quantities and costs has been included in the backup for your review. The District is utilizing the current vendor approved through Clark County. Staff recommends that the Board approve the purchase.

16) ACTION TO ACCEPT THE PROJECT STATUS REPORTS:
The following Project Status Reports for the month of August, 1991, are submitted for your review:

91/92 PROJECT LIST AND BOND PROJECTS
a) Projects Charts
b) Project Summary Sheets
c) Clark County
d) City of Las Vegas
e) City of Boulder City
f) City of Henderson
g) City of Henderson
h) City of North Las Vegas

17) ACTION TO ACCEPT THE FINANCIAL REPORTS:
The following Financial Reports for the month of July, 1991, are submitted for your review:

a) Fund 286 Balance Report
b) Summary of Impacts September 12, 1991 Agenda
c) Funding Requests and Priorities Report
d) Monthly Expenditure Report (Fund 286)
e) Fund 443 Balance Report
f) Project Expense Summary (Fund 443)
g) Project Expense/Interlocal Agreement Balance Report (Fund 443)
h) Revenue Report

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

VBV:dl
MEETING NOTICES: Public Notices of the meeting were posted August 2, 1991, by Ms. Nicole Marie Malizia of the Regional Flood Control District in the following locations: Las Vegas City Hall, North Las Vegas City Hall, Clark County Bridger Building, and the Clark County Regional Flood Control District offices.

MEMBERS PRESENT: Michael R. Harris, Chairman, City of Henderson
Thalia M. Dondoro, Vice-Chairman, Clark County
Bruce Woodbury, Clark County
Iris Bletsch, City of Boulder City
Theron Goynes, City of North Las Vegas
Tom R. Leavitt, City of Mesquite
Scott Higginson, City of Las Vegas

MEMBERS EXCUSED: Jan Laverty Jones, City of Las Vegas

STAFF: Virginia Bax-Valentine, General Manager
Catherine Razor, Project Administration Coordinator
Deanna Lefko, Administrative Assistant
Tim Sutko, Senior Hydrologist
Michael Cuddy, Civil Engineer
Kevin Eubanks, Senior Engineer
Chris Figgins, Deputy District Attorney

INTERESTED PARTIES: Chip Paulsen, J.M. Montgomery

I. CALL TO ORDER

ACTION TO CALL THE MEETING TO ORDER AND APPROVE THE AGENDA

The meeting was called to order at 8:30 a.m.

Ms. Bax-Valentine requested that Item No. 15 - ACTION TO ADOPT A POLICY FOR PRIORITIZING THE FUNDING OF PROJECTS ON THE JUNE 1992 PROJECT LIST AND THE BOND PROJECT LIST be heard after Item No. 5.

Councilman Goynes moved to approve the agenda as amended. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS
ACTION TO APPROVE THE MINUTES OF THE REGULARLY SCHEDULED MEETING OF JULY 11, 1991

Commissioner Dondero moved to approve the minutes. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

II. PLANNING

ACTION TO ADOPT THE MASTER PLAN UPDATE FOR THE LAS VEGAS VALLEY AS AN AMENDMENT TO THE MASTER PLAN (PUBLIC HEARING)

Chairman Harris opened the public hearing. Mr. Chip Paulsen, Project Engineer for J.M. Montgomery, the Consulting Engineers for the Las Vegas Valley Master Plan Update, discussed the changes. He stated that the plan had been updated to incorporate land use and development changes as well as preliminary design studies that had been performed since the original master plan. Mr. Paulsen explained that the hydrologic analysis was revised throughout the Valley to reflect the current Regional Flood Control District guidelines and that numerous regional objectives as needed by the entities concerned, were incorporated into the update. Thirteen major and 30-40 minor studies were included in the update either in part or in whole.

Mr. Paulsen outlined the primary accomplishments of the Master Plan Update as follows:

Updated inventory of existing facilities
New design discharges using the hydrologic criteria from the District
Updated recommended plan for current land use and planning
Updated cost estimates
Revised list of Phase 1 facilities
Coordination with entities and consultants working on projects concurrently with Master Plan projects
Preparation of discharges for use in flood insurance studies
Coordination of current planning with predesign phases of projects

Items that differ from the original Master Plan include:

Separating and organizing facilities by watersheds
Removing the "jurisdictions" as a basis for dividing or organizing projects
Changing the facility numbering system
Condensing graphic portions of the plan
Mr. Paulsen continued to report that eight significant detention basins were added to the update and several basin areas that are no longer available due to development or other types of land use were deleted.

Channel and storm drain alignments were modified on the basis of recent planning studies or right-of-way information obtained from local entities and JMM.

The portion of the Master Plan that included bridges and culverts on currently paved streets was limited. A number of bridges and culverts that were shown on the original plan are not shown in the update because they were on future streets that are not paved at this time.

The cost of the original Master Plan was $749 million. The update cost is $875 million. The 16 percent increase is attributed to inflation and the addition of facilities.

The Phase 1 portion of the plan, approximately a ten year construction program, was kept at a level close to the original Master Plan, which was $354 million. The estimated costs for the update are actually $348 million, a 2 percent difference from the original plan. Projects in Phase 1 of the Master Plan were prioritized by the District and entities. Phase 1 has been changed in the update due to the completion of projects and shifting of priorities.

Mr. Paulsen concluded his presentation. Chairman Harris closed the public hearing. Commissioner Woodbury moved for adoption of the Master Plan Amendment. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

III. DESIGN AND CONSTRUCTION

ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN A FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR RIGHT-OF-WAY ACQUISITION OF DETENTION BASIN SITES ON THE VAN BUSKIRK CHANNEL

Ms. Bax-Valentine stated that this is a request from Clark County for $1.3 million for right-of-way acquisition of detention basin sites for the Van Buskirk Channel. This brings the total of the interlocal contract to $3.3 million. The contract was held at the July 11, 1991 Board meeting for a two-thirds vote of the members. The District Attorney has reviewed the contract and staff recommends approval.

Commissioner Dondero moved for approval of the contract. There being no further discussion, the motion carried.
VOTE: 7 AYES - 0 NAYS

ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN A FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION OF THE VAN BUSKIRK CHANNEL OUTFALL

Ms. Bax-Valentine stated that the request from Clark County for $3,460,000 is to fund the construction of the Van Buskirk Channel Outfall. The item was held at the July 11, 1991 Board meeting for a two-thirds vote of the members. The District Attorney has reviewed the contract and staff recommends approval.

Commissioner Dondero moved for approval of the contract. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

ACTION TO ADOPT A POLICY FOR PRIORITIZING THE FUNDING OF PROJECTS ON THE JUNE 1992 PROJECT LIST AND THE BOND PROJECT LIST

Ms. Bax-Valentine explained that there are currently more project requests than available District funding. She referred to the agenda backup which included a list of projects currently awaiting funds. Projects on the pay as you go list are assigned a priority number once District criteria has been met. These criteria include the requirements for the 90 percent completion of plans, right-of-way acquisition and completion of environmental clearances.

Ms. Bax-Valentine stated that the entities requesting funding for projects on the bond list are being asked to complete the interlocal contracts now, in preparation for bond monies which are expected to become available in November, 1991. Those requests will be before the Board at the November meeting.

Ms. Bax-Valentine reported that there are no funds available for the interlocal contracts, items 6 - 12, on the agenda. She stated, however, that if the Board takes action on the policy, priorities will be assigned and the projects will then be brought before the Board as the monies become available.

She explained that in August, 1990, the District had a carry over of approximately $45 million of unencumbered revenue. However, this year the balance is $166,000. This is due in part to a policy the Board adopted to fund only those construction projects which were actually ready and had met District
Board Minutes
August 8, 1991
Page 5

criteria. Ms. Bax-Valentine stated that enough funding would accrue by September, 1991 to approve the interlocals covered in Items 6-12.

Commissioner Woodbury moved for adoption of the policy. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

Commissioner Woodbury moved to hold the following items (Nos. 6 - 12) until the September meeting for funds to become available. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN A FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE DESIGN OF THE OAKEY BOULEVARD DETENTION AND CONVEYANCE SYSTEM

ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE THIRD SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE GOWAN OUTFALL AND CONVEYANCE SYSTEM COST REIMBURSEMENT - CHEYENNE AVENUE STORM SEWER

ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN OF THE UNION PACIFIC RAILROAD CHANNEL

ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN OF THE KYLE CANYON DETENTION BASIN

ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN AND RIGHT-OF-WAY ENGINEERING FOR THE DUCK CREEK CHANNEL CROSSING AT PACHUCA STREET AND TOMIYASU LANE

ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE DESIGN OF THE VAN BUSKIRK CHANNEL BETWEEN SPENCER STREET AND ROCHELLE AVENUE

ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR THE ACQUISITION OF RIGHT-OF-WAY FOR THE LOGAN WASH CHANNEL IN MOAPA VALLEY
IV. ADMINISTRATION

ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE SUPPLEMENTAL AGREEMENT WITH DAMES AND MOORE TO PREPARE PALEONTOLOGIC DOCUMENTATION

Ms. Bax-Valentine stated that this agreement has an impact on projects and requires authorization from the Board. The District Attorney has reviewed the contract and staff recommends approval.

Commissioner Dondero moved for approval. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN AGREEMENTS WITH CLARK COUNTY, THE CITIES OF LAS VEGAS, NORTH LAS VEGAS, HENDERSON AND BOULDER CITY REQUIRING COMPLIANCE WITH THE EIS AND BIOLOGICAL OPINION AS A CONDITION OF FUNDING

Ms. Bax-Valentine stated that the interlocal agreements between the District and the entities are for compliance with the approved mitigation measures in the District’s EIS. The agreements allow the District to provide funding for environmental mitigation on projects that are in the Master Plan; however, fines, penalties and other expenses that are a result of non-compliance are the responsibility of each entity.

Councilman Goynes moved for approval. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

ACTION TO ADOPT A POLICY FOR PRIORITIZING THE FUNDING OF PROJECTS ON THE JUNE 1992 PROJECT LIST AND THE BOND PROJECT LIST

This item was heard after Item No. 5.

ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN A JOINT FUNDING AGREEMENT WITH THE U.S. GEOLOGICAL SURVEY FOR THE COLLECTION OF PRECIPITATION AND STREAMFLOW DATA

Ms. Bax-Valentine stated that the agreement provides for the installation of three new combined precipitation and streamflow gauges and includes the cost
Board Minutes
August 8, 1991
Page 7

of maintenance, data acquisition and publication for 21 gauges. The agenda item shows an incorrect fiscal impact of $94,441. The correct amount is $93,441. The agreement has been reviewed by the District Attorney and staff recommends approval.

Commissioner Woodbury moved for approval of the item as amended. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

RATIFICATION OF THE AGREEMENT BETWEEN THE REGIONAL FLOOD CONTROL DISTRICT AND THE DEWEY ANIMAL CARE CENTER, INC.

Ms. Bax-Valentine stated that this item is on the agenda for ratification by the Board. She explained that the item had been approved by the Board at the July meeting, however, after review by the District Attorney, it was determined that a two-thirds vote of the members was needed. The agreement, once ratified, will allow for a $40 per tortoise handling fee of tortoises found on District projects.

Chairman Harris moved for approval. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

ACTION TO APPROVE THE PROJECT STATUS REPORTS

Ms. Cathy Razor, Project Administration Coordinator, gave a presentation on the status of each project. She first addressed the updated charts and then presented a slide of each project at its current phase of construction and those that had been completed. Sixteen projects were completed as of July 31, 1991.

Mr. Robert Cushney from Hydro Conduit Corporation requested copies of the project status reports.

Councilman Goynes moved for approval of the Project Status Reports. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

ACTION TO APPROVE THE FINANCIAL REPORTS

Ms. Bax-Valentine stated that the Financial Reports were in order for approval.
The total amount of requests awaiting funding is $1,239,000. Sufficient funding will be available to cover the requests at the Board meeting in September.

Councilman Goynes moved for approval of the Financial Reports. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

ADJOURNMENT:

There being no further business, Chairman Harris adjourned the meeting at 9:10 a.m.

Respectfully submitted,

VERGINIA BAX-VALENTINE, P.E.
GENERAL MANAGER/CHIEF ENGINEER

Attest: __________________________, 1991

MICHAEL R. HARRIS
CHAIRMAN
SUBJECT: Amendment to Boulder City Master Plan
(Hemenway Valley Wash)

PETITIONER: City of Boulder City

RECOMMENDATION OF PETITIONER:
That the Clark County Regional Flood Control District adopt the proposed
Amendment to the Boulder City Master Plan (Hemenway Valley Wash) as
prepared by Coe & Van Loo Consulting Engineers.

FISCAL IMPACT:
No impact to the Clark County Regional Flood Control District. City of
Boulder City to fund Amendment to Master Plan and redesign of Hemenway Valley
Wash Improvements.

BACKGROUND:
The current Master Plan as well as the Hemenway Valley Wash Improvement Plans have
been prepared by Coe & Van Loo Consulting Engineers. The improvement plans were
approximately 100% complete when the property owner's concerns about the St. Judes
basin required that this facility be deleted and replaced with other facilities.
These changes in facilities required an Amendment to the Boulder City Master Plan.

The City is providing 10 acres of City property, has acquired 18 acres of drainage
easement and the usage of NDOT right-of-way along Route 93 for the Hemenway Valley
Wash Improvement at no cost to the Clark County Regional Flood Control District. The
usage of the St. Judes property for a detention basin was considered to be reserved to
the City by the sales agreement to St. Judes.

The attached Executive Summary of the Amendment to the Master Plan prepared by Coe &
Van Loo and the Map (Exhibit "A"), outline the change in facilities, hydraulics and
cost.

Respectfully submitted,

Phillip T. Henry, P.E.
City Engineer
Boulder City, Nevada
<table>
<thead>
<tr>
<th>Staff Discussion:</th>
<th>AMENDMENT TO BOULDER CITY MASTER PLAN</th>
<th>Date:</th>
<th>8-21-91</th>
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<td>See agenda item</td>
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**Staff Recommendation:**
Adopt the Amendment to the Boulder City Master Plan

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Adopt the Amendment to the Boulder City Master Plan

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**Recommendation:**
Adopt the Amendment to the Boulder City Master Plan

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1 Executive Summary

1.1 Introduction

Coe & Van Loo Consultants, Inc. (CVL) under contract to the City of Boulder City, has been requested to prepare this Amendment to the Boulder City Flood Control Master Plan. The Master Plan addresses flood control facilities in the vicinity of Boulder City, Nevada (Figure 1.1) and was prepared by CVL for the Clark County Regional Flood Control District (CCRFCD, July, 1990).

![Figure 1.1: Location Map](image)

This Master Plan Amendment only addresses changes in the plan for flood control facilities within the Hemenway Valley Watershed of Boulder City (Figure 3.2); the recommended facilities within other portions of the city remain unchanged.

During preparation of final design plans for the Hemenway Valley Wash project the city experienced difficulty in acquisition of a detention basin site located on property owned by the St. Jude’s Ranch. Without construction of the detention basin, flow within the downstream channel would exceed the previously established design guidelines. As a result, a new concept has been established to provide additional floodwater detention storage within a previously designed sediment basin located upstream of the Trailhead Park.

The purpose of this report is, therefore, to document the resulting changes in the master plan. This Amended Master Plan will be used as a guideline in preparing revised design plans.

1.2 Hemenway Valley Amended Plan

The basic concept of utilizing floodwater detention storage basins and a linear greenbelt remains unchanged and many of the recommended facilities remain as previously presented in the Master Plan Report.

Two alternatives, A & B, were evaluated in the Master Plan; Alternative B was approved. This Master Plan Amendment now presents Alternative C, which was necessitated due to right-of-way acquisition difficulties.

Flood Control Alternative B as presented in the Master Plan developed as a result of the city’s desire to build a linear greenbelt along the Hemenway Wash, parallel to U.S. 93. Major project elements of the Amended Plan (Alternative C), are depicted in Figure V-3C.

Alternatives B and C only differ in the upper watershed, west of Lake Mountain Drive. A detention basin previously located upstream of Lake Mountain Drive (Alternative B), has been relocated to the site of a previously designated debris basin, upstream of Trailhead Park. In Alternative C, the new basin is larger than previously proposed, allowing for both floodwater detention and sediment storage. (Figure VII-1) A portion of the watershed is diverted to the new Trailhead basin through the use of a diversion dike and channel upstream of Lake Mountain Estates.

1.3 Comparison of Plans

Flow within the Hemenway channel will be similar in either Alternatives B or C. Alternative C will provide additional flood protec-
Executive Summary

tion to Lake Mountain Estates and will reduce flow within Lake Mountain Drive.

Table 1.1 Comparison of Costs
Hemenway Valley Alternatives

<table>
<thead>
<tr>
<th>Alternative</th>
<th>Figure No.</th>
<th>Estimated Total Project Cost</th>
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<tbody>
<tr>
<td>B</td>
<td>V-3B</td>
<td>$4,064,000</td>
</tr>
<tr>
<td>C</td>
<td>V-3C</td>
<td>$4,049,500</td>
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As indicated in Table 1.1, Alternative C is approximately $14,500 less than Alternative B. Cost is clearly not a significant factor in the selection of Alternatives B or C. However, acquisition of right-of-way is critical to the plans’ success. Land for the Trailhead Basin is currently owned by the city and has no other uses due to its location and existing power transmission line easements. The acquisition of a 12 acre parcel of land is eliminated from the plan thus resulting in a reduction in costs and loss of valuable land. Alternative C is therefore recommended.

Estimated Total Project Cost $4,049,500
EXISTING LAKE MOUNTAIN CHANNEL

PROPOSED DIVERSION DIKE

PROPOSED CHANNEL IMPROVEMENTS

ENLARGE TRAILHEAD BASIN

DELETE ST. JUDE'S BASIN

VILLE DRIVE DETENTION BASIN

HEMENWAY CHANNEL IMPROVEMENTS

U.S. HIGHWAY 93

EXHIBIT 'A'

AMENDMENT TO BOULDER CITY MASTER PLAN
(HEMENWAY VALLEY WASH)
**SUBJECT:**
Supplemental Interlocal Contract for the Design of the Oakey Boulevard Detention and Conveyance System

**PETITIONER:**
City of Las Vegas

**RECOMMENDATION OF PETITIONER:**
That the District approve the Supplemental interlocal Agreement to increase funding for the design of the Oakey Boulevard System.

**FISCAL IMPACT:**

<table>
<thead>
<tr>
<th>Item Type</th>
<th>Amount</th>
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<tr>
<td>Interlocal Contract</td>
<td>$480,000</td>
</tr>
<tr>
<td>Supplemental Interlocal Contract</td>
<td>$32,000 (THIS REQUEST)</td>
</tr>
<tr>
<td><strong>PROJECT TOTAL</strong></td>
<td><strong>$512,000</strong></td>
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**BACKGROUND:**
Currently the City has Boyle Engineering under contract to do the design of the Oakey Detention Basin System. Concurrently a drainage study is underway for the Sahara Avenue Road Improvement project between Durango Drive and Rainbow Boulevard. As a result of the study it appears that the Sahara Avenue storm drain flows should be routed to the Oakey Detention Basin. The City proposes to increase Boyle Engineering's scope of work to include hydraulic analysis, pre-design and design for the inclusion of the Sahara Avenue storm flows into the Oakey Detention Basin System.

Respectfully submitted,

RICHARD D. GOECKE, DIRECTOR
DEPARTMENT OF PUBLIC WORKS

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<tr>
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<tr>
<td>9-12-91</td>
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Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Discussion By: Board

Oakey Boulevard Detention and Conveyance System
First Supplemental Interlocal Contract

NRS 543.360 requires that agreements be approved by a two-thirds vote of the members.

Recommendation:
Hold until next meeting

Discussion By: Staff

The City of Las Vegas has submitted a revised Interlocal Contract reducing the amount to $32,000. Funds are still not available to cover the request.

Recommendation:
Hold until funding becomes available.

Discussion By: Staff

Funds are available to cover the request. Project funding was identified on the JUNE 1992 project list.

Recommendation:
Approval subject to adoption of the Las Vegas Valley Master Plan Update by all entities in the hydrographic area.

Discussion By: 

Recommendation:

Discussion By: 

Recommendation:
Regional Flood Control District
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**
Oakey Boulevard Detention and Conveyance System
First Supplemental Interlocal Contract

Staff is under the impression, through conversations with the City of Las Vegas, that the staff recommendation given May 20, 1991, is acceptable to the City. It is understood that the City and District may consider taking appropriate actions such as amending the Master Plan and funding the "secondary facilities" in the future as a result of damages sustained in the area, and assign a relative priority to the project accordingly.

Funds are currently not available to cover the amended request of $32,000.

The District Attorney has reviewed the contract as to form.

**Staff Recommendation:** That the City of Las Vegas correct the First Supplemental Contract as staff recommended on May 20, 1991. That the Advisory Committees recommend approval and that staff present the item to the Board with a recommendation to hold until funding is available.

**Discussion By Technical Advisory Committee:**

**Recommendation:**
Follow staff recommendation

**Discussion By Citizens Advisory Committee:**

**Recommendation:**
Follow staff recommendation

**Discussion By Staff:**

The City of Las Vegas has submitted a revised Interlocal Contract reducing the amount to $32,000. Funds are still not available to cover the request.

**Recommendation:**
Hold until next meeting
Regional Flood Control District

AGENDA ITEM: DEVELOPMENT

Staff Discussion:

Oakey Boulevard Detention and Conveyance System
First Supplemental Interlocal Contract

The City of Las Vegas is requesting an additional $50,000 to increase funding of the design to include a Sahara Avenue tributary to the system. $480,000 was programmed on the June 1991 PROJECT LIST and already incumbered by an Interlocal Contract. The amount requested exceeds the JUNE 1991 PROJECT LIST amount by $50,000.

During the preliminary design of this project, by Boyle Engineering, staff commented on the design of certain collectors and their eligibility for District funding. Staff understood that the collectors in question would not be designed at this time and the savings in the design would be applied toward the Sahara Avenue tributary to this flood control system. Copies of District correspondence dated February 6, 1991, City of Las Vegas correspondence dated March 28, 1991, and April 9, 1991 are included in the backup. The March 28, 1991 letter contains an attachment that identifies flood control facilities that are "secondary facilities." Staff concurs in this terminology. Also included in the backup is the City of Las Vegas' correspondence dated May 17, 1991 which supplies additional information the District requested in regards to this funding request.

Staff does not support the inclusion in the Master Plan of the "secondary facilities" proposed by the City of Las Vegas at this time. Therefore, staff does not support the utilization of District funds for the design of the "secondary facilities."

The FY 90/91 Project Funding Tracking form for the Central Las Vegas Valley, noting this request, is included in the backup.

The District Attorney has reviewed the contract as to form.

Recommendation:

Approve subject to the following:
1) The fiscal impact being reduced by $18,000
2) District funds not be utilized for any further design of the "secondary facilities"
3) The Master Plan be amended to identify this project prior to requesting construction funding

Discussion By Technical Advisory Committee:

The City of Las Vegas requested this item be held until the next TAC meeting for further discussion with staff.

Recommendation:

Hold until next TAC meeting

Discussion By Citizens Advisory Committee:

Recommendation:

Hold
SUPPLEMENTAL INTERLOCAL CONTRACT

OAKEY BOULEVARD DETENTION AND CONVEYANCE SYSTEM

THIS SUPPLEMENTAL INTERLOCAL CONTRACT, made and entered into this ______day of ________________ 1991, by and between the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, created pursuant to Chapter 543 of the Nevada Revised Statutes hereinafter called the "DISTRICT", and the CITY OF LAS VEGAS, a municipal corporation, hereinafter called the "CITY", the CITY OF NORTH LAS VEGAS, a municipal corporation, the CITY OF HENDERSON, a municipal corporation, and the COUNTY OF CLARK, a political subdivision of the State of Nevada.

WITNESSETH:

WHEREAS, an Interlocal Contract dated April 12, 1990 was entered into among the DISTRICT, the CITY, the CITY OF NORTH LAS VEGAS, the CITY OF HENDERSON, and the COUNTY OF CLARK for the design of Flood Control improvements described in the DISTRICT Master Plan as Central Las Vegas Valley - Phase 1 Facility Number 5, Reference Structure Numbers 1342 and 1345 as depicted in Exhibit "A" has been approved by the DISTRICT.

WHEREAS, design costs have increased due to additional work relating to the removal of flows from the area of Sahara Avenue; and

WHEREAS, it is the desire of the parties to proceed with the design of the System.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and premises of the parties hereto, the DISTRICT authorizes the CITY to proceed with the Project as it is mutually understood and agreed as follows:

1. Section I of the Interlocal Contract dated April 12, 1990 is hereby revised as follows:

This INTERLOCAL CONTRACT is for the design of Flood Control facilities for the Oakey Boulevard Detention and Conveyance System from Rainbow Boulevard to I-15 and the preparation of a design report evaluating alternative outfall routes and the collection of Sahara Avenue storm water flows and their direction to the Oakey Conveyance Detention and Conveyance System.
2. Section II - Paragraph 1 of the Interlocal Contract dated April 12, 1990 is revised to read:

1. Design at a cost not to exceed $487,000.

3. Section II - Paragraph 3 of the Interlocal Contract dated April 12, 1990 is revised to read:

3. The total cost of this INTERLOCAL CONTRACT shall not exceed $512,000 which amount includes all work included in Paragraphs 1 and 2 above.

4. Section III - Paragraph 15, shall be amended to read as follows:

15. The items covered in Paragraphs 1 and 2 of Section II - Project Costs must be completed to the satisfaction of the DISTRICT prior to January 30, 1992. The DISTRICT may, at any time thereafter, grant extensions or terminate this Agreement after thirty (30) days notice and may require all sums advanced to the CITY be repaid.

5. All other sections of the Interlocal Contract dated April 12, 1990 remain unchanged.

6. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved to increase any of the amounts noted above prior to payment of any additional funds.

IN WITNESS WHEREOF, this Supplemental Interlocal Contract is hereby executed as of the date first set forth above.

DATE OF DISTRICT ACTION: REGIONAL FLOOD CONTROL DISTRICT

ATTEST: MICHAEL R. HARRIS, CHAIRMAN

CATHERINE RAZOR, SECRETARY

APPROVED AS TO FORM:

CHRISTOPHER FIGGINS

DEPUTY DISTRICT ATTORNEY
AGENDA ITEM

SUBJECT:
Third Supplemental Interlocal Contract--Gowan Outfall and Conveyance System

PETITIONER:
City of Las Vegas

RECOMMENDATION OF PETITIONER:
That the District approve the Third Supplemental Interlocal Contract authorizing the reimbursement of cost of the Cheyenne Avenue storm sewer.

FISCAL IMPACT:

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<tr>
<td>1st Supplemental Interlocal Contract</td>
<td>75,000</td>
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<td>2nd Supplemental Interlocal Contract</td>
<td>5,700,000</td>
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<tr>
<td>3rd Supplemental Interlocal Contract</td>
<td>57,625  (THIS REQUEST)</td>
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<tr>
<td><strong>BACKGROUND:</strong></td>
<td><strong>$6,482,625</strong></td>
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During the construction of Cheyenne Avenue, a storm sewer was constructed to be incorporated into the Gowan Detention and Conveyance System. Because of the unavailability of District funds, the cost of this facility was absorbed by the City's Business Park Enterprise Fund. With initiation of the first construction phase of this project, the City requests an allocation to reimburse its Business Park Enterprise Fund.

Respectfully submitted,

RICHARD D. GOECKE, DIRECTOR
DEPARTMENT OF PUBLIC WORKS
Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Discussion By Board: Gowan Detention Basin System - Third Supplemental Interlocal Contract

NRS 543.360 requires that agreements be approved by a two-thirds vote of the members.

Recommendation:
Hold until next meeting

Discussion By Staff:
Refer to staff discussion dated 6-18-91.

Recommendation:
Refer to the Board of Directors for an exception to the District Policies and Procedures. If an exception is granted, it is recommended that the Board hold this item until funding is available to cover the request.

Discussion By Staff:
Funds are available to cover the request if an exception to District Policies and Procedures is granted by the Board. Funds have been identified on the JUNE 1992 project list. For further background, refer to staff discussion dated 6-18-91.

Recommendation:
Refer to the Board of Directors for an exception to the District Policies and Procedures.

Discussion By:

Recommendation:

Discussion By:

Recommendation:
Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Prior to expending District funds on this project, the following information must be submitted for review:

A. Copies of plans and specifications
B. Bid tabulations
C. Statement from the City that it has complied with the Local Government Purchasing Act, Chapter 332, of the Nevada Revised Statutes
D. Statement from the City that the entity, its employees, and representatives complied with all applicable laws, ordinances, statutes, rules, and regulations in affect at the time work was performed on the project

Funds are currently not available to cover the $57,625 request.

The District Attorney is reviewing the contract as to form.

Recommendation: Refer to the Board of Directors for an exception to the District Policies and Procedures. If an exception is granted, it is recommended that the Board hold this item until funding is available to cover the request.

Discussion By Technical Advisory Committee:

Recommendation: Follow staff recommendation

Discussion By Citizens Advisory Committee:

Recommendation: Denial

Discussion By Staff:

Funds are not available to cover the request.

Recommendation: Hold until next meeting
AGENDA ITEM DEVELOPMENT

Staff Discussion: GOWAN DETENTION BASIN SYSTEM - THIRD SUPPLEMENTAL INTERLOCAL CONTRACT

The City of Las Vegas is requesting additional funds to reimburse the City's Business Enterprise Fund for the construction of part of the Gowan Detention Basin system under Cheyenne Avenue.

This part of the project is the segment, under Cheyenne Avenue, of the connection between the South Gowan Basin, generally located southeast of Buffalo and Cheyenne intersection, and the North Gowan Basin, generally located west of the intersection of Tenaya and Gowan intersection.

The Agenda Item states that this was constructed as part of the Cheyenne Avenue improvements and "because of the unavailability of District funds, the cost of this facility was absorbed by the City's Business Enterprise Fund." The City of Las Vegas did not request funding for this project prior to its construction. District funds were unavailable, at the time the City requested payment for this work in October, 1990, because the Interlocal Contract did not identify this project and its associated funding. The District can only fund those aspects of projects that are specifically identified in Interlocal Contracts.

The District's Policies and Procedures have not been followed in the following sections:

Section 2.4 Project Initiation
"... At such time as an entity recognizes the need for a new or improved facility, and at such time as the entity can predict a future location of the proposed system, action may be initiated to request project funding..."

Section 3.3 Plans and Specifications Review
"...Copies of plans and specifications must be furnished to the Chief Engineer for review and approval prior to finalizing design..."

Section 3.4 Plans and Specifications
"Plans and specifications will reflect on the title sheet that the project is being funded by the Regional Flood Control District..."

Section 5.3 Contract Award
"The District will review bids on projects..."

Section 6.1 Reimbursable Costs
"No costs will be considered for payment or reimbursement which have been incurred before the date the project was placed on the project list unless specifically requested through an Interlocal Contract and approved by the Board..."

Section 6.2 Requests for Reimbursement or Payment
"The Lead Entity will give written notice to the contractor or consultant to proceed after approval of the Interlocal Contracts by the District and all entities..."

Section 8.2 Expenditures
"...The Chief Engineer will process and approve such payments providing the required approval has been obtained and terms of the Interlocal Contract have been satisfied."

Approval of the Third Supplemental Interlocal Contract would require that the Board of Directors allow an exception to the Policies and Procedures of the District.

The additional funding requested in the Third Supplemental Interlocal Contract is $57,625. The Gowan Detention Basin project is identified on the August 9, 1990 SUGGESTED BOND PROJECTS list and the SUGGESTED UPDATED BOND PROJECT LIST, however funding is not identified on the SUGGESTED JUNE 1992 PROJECT LIST. The request for $57,625 is not identified on last year's or next year's project list.

The City of Las Vegas has requested modifications to the suggested project lists, however, the exact context of their request has not been submitted for review.

Continued
THIRD SUPPLEMENTAL INTERLOCAL CONTRACT

GOWAN OUTFALL AND CONVEYANCE

THIS THIRD SUPPLEMENTAL INTERLOCAL CONTRACT, made and entered into this ______ day of _________ 1991, by and between the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, created pursuant to Chapter 543 of the Nevada Revised Statutes hereinafter called the "DISTRICT", the CITY OF LAS VEGAS, a municipal corporation, hereinafter called the "CITY", the CITY OF HENDERSON, a municipal corporation, the CITY OF NORTH LAS VEGAS, a municipal corporation and the COUNTY OF CLARK, a political subdivision of the State of Nevada.

WITNESSETH:

WHEREAS, an Interlocal Contract dated November 9, 1989, a Supplemental Interlocal Contract dated September 13, 1990 and a Second Supplemental Interlocal Contract, were entered into among the DISTRICT, the CITY, the CITY OF HENDERSON, the CITY OF NORTH LAS VEGAS and the COUNTY OF CLARK for the design and construction of flood control improvements described in the DISTRICT Master Plan as Central Las Vegas Valley Phase I Facility Number 3, Reference Identification Number 55 on A2-4 Structure No. 1160; and

WHEREAS, construction of facilities associated with the Project have been completed by the CITY; and

WHEREAS, it is the desire of the DISTRICT to reimburse the CITY for the cost of these facilities.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises of the parties hereto, the DISTRICT authorizes the CITY to proceed with the Project as it is mutually understood and agreed as follows:

1. Paragraph 1 of the Second Supplemental Agreement is revised to include:
   1. The District will provide additional Project funding of $57,625 for the previously-completed storm sewer crossing at Cheyenne Avenue.

2. Paragraph 2 of the Second Supplemental Interlocal Contract is revised to read:
   1. Engineering Design at a cost not to exceed $725,000.
Construction of outfall and conveyance system including the previously completed segment at the Cheyenne Avenue Crossing at a cost not to exceed $5,757,625.

3. Paragraph 3 of the Second Supplemental Interlocal Contract is revised to read:

3. The total cost of the Agreement shall not exceed $6,482,625 which amount includes all work in Paragraphs 1 and 2 above.

4. All other sections of the Interlocal Contract dated November 9, 1989, the Supplemental Interlocal Contract dated September 13, 1990 and the Second Supplemental Interlocal Contract remain unchanged.

5. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved to increase any of the amounts noted above prior to payment of any additional funds.

IN WITNESS WHEREOF, this THIRD SUPPLEMENTAL INTERLOCAL CONTRACT is hereby executed as of the date first set forth above.

DATE OF COUNCIL ACTION: CITY OF LAS VEGAS

______________________________
ATTEST: JAN LAVERTY JONES, MAYOR

KATHLEEN TIGHE, CITY CLERK

DATE OF DISTRICT ACTION: REGIONAL FLOOD CONTROL DISTRICT

______________________________
ATTEST: MICHAEL R. HARRIS, CHAIRMAN

CATHERINE RAZOR, SECRETARY

APPROVED AS TO FORM:

______________________________
CHRISTOPHER FIGGINS
DEPUTY DISTRICT ATTORNEY
DATE OF COUNCIL ACTION: ____________

ATTEST: _____________________________

DOROTHY VON DENBRINK, CITY CLERK

DATE OF COUNCIL ACTION: ____________

ATTEST: _____________________________

EILEEN SEVIGNY, CITY CLERK

DATE OF COMMISSION ACTION: __________

ATTEST: _____________________________

LORETTA BOWMAN, COUNTY CLERK

CITY OF HENDERSON

BY: __________________________________

LORNA KESTERSON, MAYOR

CITY OF NORTH LAS VEGAS

BY: __________________________________

JAMES SEA STRAND, MAYOR

COUNTY OF CLARK

BY: __________________________________

JACOB DAVID BINGHAM, CHAIRMAN

BOARD OF COUNTY COMMISSIONERS
INDEX

1. GOWAN SOUTH DETENTION BASIN, V=400 AC-FT

2. 72' RCP, L=2690

3. GOWAN NORTH DETENTION BASIN, V=900 AC-FT

4. 8' X 8' RCB, L=440'

5. 66' RCP, L=210'

EXHIBIT A
Subject: Interlocal Contract for the Design of the Union Pacific Railroad Channel.

Petitioner: Mark T. Calhoun, Director of Public Works

Recommendation of Petitioner:
That the Clark County Regional Flood Control District Board approve and authorize the Chairman to sign the Interlocal Contract for the design of the Union Pacific Railroad Channel.

Fiscal Impact:
$150,000 Flood Control Funds.

Background:
The Union Pacific Railroad Channel extends along the Union Pacific Railroad from Pecos Road to Pittman Wash. It will protect a large area of existing development. Portions of the channel have been designed by the City of Henderson, SEA and VTN. It is now necessary to update the existing designs, complete the design where needed, and prepare the construction drawings. Right-of-way for this project is complete.

The Union Pacific Railroad Channel is identified in the Clark County Regional Flood Control District Master Plan as structure A2-11:57, Phase II. This project was identified on the project list approved by the Board.

Respectfully submitted,
Mark T. Calhoun
Director of Public Works
Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Discusson By: [Name]
Board: [Name]
UNION PACIFIC RAILROAD
CHANNEL - INTERLOCAL CONTRACT

AGENDA
Date: 7-11-91

NRS 543.360 requires that agreements be approved by a two-thirds vote of the members.

Recommendation:
Hold until next meeting

Discussion By: [Name]
Date: 7-30-91

Funds are not available to cover the $150,000 request.

Recommendation:
Hold until funding becomes available

Discussion By: [Name]
Date: 9-3-91

The City of Henderson is requesting funds for design and right-of-way engineering in the amount of $150,000 for this project. The project is identified for funding on the JUNE 1992 project list approved by the Board on July 11, 1991. The JUNE 1992 project list programs $150,000 for the design of the project. Funds are available to cover the request. The District Attorney has reviewed the contract as to form.

Recommendation:
Approve

Discussion By: [Name]
Date:

Recommendation:

Discussion By: [Name]
Date:

Recommendation:
Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Staff Discussion:  
UNION PACIFIC RAILROAD CHANNEL - INTERLOCAL CONTRACT  

The City of Henderson is requesting funds for design and right-of-way engineering in the amount of $150,000 for this project. The project is identified on the August 9, 1990, SUGGESTED BOND PROJECT LIST and the SUGGESTED JUNE 1992 PROJECT LIST (design funding) and SUGGESTED UPDATED BOND PROJECT LIST (construction funding). The amount requested exceeds the SUGGESTED JUNE 1992 PROJECT LIST amount by $50,000.

When the District obtains the ability to bond, the bond funds will be utilized for construction funding of District projects. The design of facilities on the bond list is imperative to ensure bond projects are constructed in a timely manner.

Funds are currently not available to cover the $150,000 request.

The District Attorney has reviewed the contract as to form.

<table>
<thead>
<tr>
<th>Recommendation:</th>
<th>That the Advisory Committees recommend approval and that staff present the item to the Board with a recommendation to hold until funding is available to cover the request.</th>
</tr>
</thead>
</table>

Discussion By  
Technical Advisory Committee:

Recommendation:  
Follow staff recommendation

Discussion By  
Citizens Advisory Committee:

Recommendation:  
Follow staff recommendation

Discussion By  
Staff:

Recommendation:  
Hold until next meeting
INTERLOCAL CONTRACT
UNION PACIFIC RAILROAD CHANNEL

THIS INTERLOCAL CONTRACT, made and entered into as of this _________
day of ____________, 1991, by and between the CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT, created pursuant to Chapter 543 of the Nevada Revised Statutes,
hereinafter referred to as "DISTRICT"; and the City of Henderson, a municipal
corporation, hereinafter referred to as the "CITY".

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the
DISTRICT may approve a project to design and construct flood control
improvements; and

WHEREAS, the project is further identified and shown on the attached
Exhibit A.

WHEREAS, the project is a regional facility described in the DISTRICT
Master Plan as structure number 2618 on Figure A2-11 of the Master Plan,
hereinafter referred to as "PROJECT"; and

WHEREAS, the PROJECT is a priority project approved by the Clark County
Regional Flood Control District Board on the June 1991 Project List; and

WHEREAS, the PROJECT has regional flood control significance and is located
within the Las Vegas Valley hydrograph area.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements,
and promises of the parties hereto, the DISTRICT authorizes the CITY to proceed
with the design and acquisition of rights-of-way for this PROJECT as it is mutually understood and agreed as follows:

SECTION I - SCOPE OF PROJECT

This contract is for the design and acquisition of rights-of-way for this PROJECT, which shall consist of general excavation, embankments, debris control devices, and related appurtenances. The design and acquisition of rights-of-way will be funded by the DISTRICT as herein described. This PROJECT is further identified and shown on the attached Exhibit "A".

SECTION II - PROJECT COSTS

The DISTRICT agrees to provide funding for project costs within the limits specified below:

1. Preparation of right-of-way drawings, descriptions, title reports, right-of-way engineering, surveys, appraisals, and negotiations at a cost not to exceed $10,000.

2. Engineering, drafting, preparation of contract documents, surveys, and geotechnical investigations at a cost not to exceed $140,000.

3. The total cost of this contract shall not exceed $150,000 which includes all work listed in paragraphs 1 and 2 above.

A written request must be made to the DISTRICT and a supplemental interlocal contract approved to increase any of the amounts noted above prior to payment of any additional funds.

SECTION III - GENERAL

1. The title sheet of both the plans and the specifications shall show the Regional Flood Control District of Clark County as the funding agency.
2. The CITY will provide the DISTRICT with a project schedule indicating the anticipated dates for rights-of-way acquisition, completion of final plans, specifications, and estimates. This information shall be updated monthly.

3. The CITY will comply with the Local Purchasing Act, Chapter 332 of the Nevada Revised Statutes.

4. The CITY, its employees, and representatives shall, at all times, comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed on the PROJECT.

5. The CITY will require appropriate financial security for the construction of the PROJECT.

6. The CITY shall provide impacted entities and the DISTRICT with the opportunity to provide development, consultant selection, design, construction, and maintenance review, and monitoring of the effectiveness and impact of facilities on flood flows.

7. Any and all applicable portions of the current editions of the DISTRICT's policies and procedures will apply in developing this PROJECT unless specifically superseded by this Agreement.

8. Purchases of rights-of-way in excess of that actually needed for construction will not be allowed unless a comparison between the cost of excess acquisition and needed acquisition, including damages, indicates that benefits from such a transaction would result. Title to residual property will be vested in the name of the CITY. Revenues derived from the sale of these properties, less the cost of the sale of these properties, will be forwarded to the DISTRICT.
9. Administrative settlements and acceptance of counter offers involving rights-of-way may only be made following a review and approval by the DISTRICT.

10. The DISTRICT will make payments to the CITY, its contractors, or its consultant each month for project costs as outlined in SECTION II - PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:

a. Right-of-Way
   1. Design
   2. Surveying
   3. Appraisals
   4. Negotiations
   5. Land acquisition
   6. Legal fees, escrow, stamps, recording fees, etc.

b. Pre-Design Engineering
   1. Design reports
   2. Design and specifications
   3. Drafting and plan preparation
   4. Material testing - exploration and investigation
   5. Surveying - location, topographic, alignment, and cross sections
   6. Review and checking
   7. Identifiable project reproduction and printing costs
c. Design Engineering
   1. Design reports
   2. Design and specifications
   3. Drafting and plan preparation
   4. Material testing - exploration and investigation
   5. Surveying - location, topographic, alignment and cross sections
   6. Review and checking
   7. Identifiable project reproduction and printing costs

d. Construction (all work after award of construction contract)
   1. Inspection
   2. Supervision
   3. Contractor payments
   4. Material testing - quality control
   5. Surveying - construction stakeout and control
   6. Force accounts:
      i. Labor
      ii. Equipment
      iii. Materials

e. Operation and Maintenance
   1. Inspection
   2. Supervision
   3. Contractor payments
   4. Material testing
   5. Surveying
6. Force accounts:
   i. Labor
   ii. Equipment
   iii. Materials

11. Accurate documentation of all work performed and payments made will be maintained by the CITY for a period of three (3) years in hard copy form after final project approval and payment. Following the three year period, the CITY shall keep records for permanent storage in original form or in microfilm/fiche media.

12. The DISTRICT reserves the right to review and/or audit all records pertaining to all projects both during and after project completion.

13. The CITY will be responsible for any loss, damage, liability, cost, or expense caused by the actions or inactions of its employees, consultants, contractors, or agents arising under this Agreement and hereby holds the DISTRICT harmless therefrom.

14. Any costs found to be improperly allocated to this project will be refunded by the CITY to the DISTRICT.

15. The CITY, as the administering agency, will provide the DISTRICT with the information required in NRS 543.580 and shall present that information orally to the Citizen's Advisory Committee, the Technical Advisory Committee, and the Board of Directors.

16. The items covered in **SECTION II - PROJECT COSTS** must be completed to the satisfaction of the DISTRICT prior to July 1, 1992. The DISTRICT may, at any time thereafter, grant extensions or terminate this Agreement after thirty (30) days' notice and may require all sums advanced to the CITY be repaid.
17. The CITY, at its own discretion, may use the services of a consultant for the completion of work identified in **SECTION I - SCOPE OF PROJECT** and the DISTRICT will not be a party to such an agreement. However, the use of any consultant will not entitle the CITY to additional funds beyond that specified in **SECTION II - PROJECT COSTS** as hereinabove set forth.

18. The CITY will provide the DISTRICT with preliminary plans, specifications, and estimates for review and comments.

*****************************************************************************
Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

__________________________
MICHAEL R. HARRIS, Chairman

ATTEST:

__________________________
CATHERINE RAZOR, Secretary

Approved as to Form:

__________________________
CHRISTOPHER FIGGINS
Deputy District Attorney

Date of Council Action: CITY OF HENDERSON

__________________________
LORNA KESTERSON, Mayor

__________________________
DOROTHY VONDENBRINK, City Clerk
AGENDA ITEM

SUBJECT:
Interlocal Contract for the design of the Kyle Canyon Detention Basin

PETITIONER:
Gary W. Holler, P.E., Director of Public Works, City of North Las Vegas

RECOMMENDATION OF PETITIONER:
that the Clark County Regional Flood Control District Board approve and authorize the Chairman to sign the Interlocal Contract for the design of the Kyle Canyon Detention Basin

FISCAL IMPACT:
$450,000 Flood Control Funds

BACKGROUND:
The proposed Kyle Canyon Detention Basin will greatly reduce flood flows in the Las Vegas Wash and its Western Tributary which originate in a 57-square mile area of the Spring and La Madre Mountains. It is located 3 miles southwest of the intersection of Kyle Canyon Road and US 95 (see Exhibit "A"). It is described as Facility No. 6 in the "Flood Control Facilities Plan for the Northern Las Vegas Wash" prepared by Black & Veatch (August 1989), and as Facility No. 3315 in the "Master Plan Update of the Las Vegas Valley" draft by James M. Montgomery (April 1991); this is a priority project approved by the Board on the June 1991 Project List. The facility consists of the basin itself which will impound 2,200 acre feet of flood waters, collection dikes, and a spillway structure.

The enclosed Interlocal Contract authorizes, subject to availability of funds, the preparation of detailed plans and specifications and acquisition of necessary rights-of-way.

Respectfully submitted,

Gary W. Holler, P.E.
Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion: KYLE CANYON DETENTION BASIN - INTERLOCAL CONTRACT

Date: 7-30-91

Funds are not available to cover the $450,000 request.

Staff Recommendation:
Hold until funding becomes available

Discussion By Staff

AGENDA 9-3-91

Date:

See previous staff discussion dated July 16, 1991. The project has been identified on the JUNE 1992 project list and funds are available to cover the request. The District Attorney has reviewed the contract as to form.

Recommendation:
Approve

Discussion By

AGENDA

Date:

Recommendation:

Discussion By

AGENDA

Date:

Recommendation:

Discussion By

AGENDA

Date:

Recommendation:
Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Staff Discussion: KYLE CANYON DETENTION BASIN - INTERLOCAL CONTRACT

Date: 7-16-91

The City of North Las Vegas is requesting $450,000 to fund the design and right-of-way engineering for the Kyle Canyon Detention Basin. The Kyle Canyon Detention Basin is identified in the currently adopted Master Plan (JMM 1986). The Las Vegas Valley Master Update identifies the facility in a slightly different location, however, the exact location would be determined through a detailed design effort.

The funding ($450,000) for this request is programmed on the JUNE 1992 PROJECT LIST approved by the Board on July 11, 1991.

Additional comments on the Interlocal Contract request:

1. A more detailed exhibit identifying the Kyle Canyon Detention Basin is requested.

Recommendation:

That the Advisory Committees recommend approval and that staff present the item to the Board with recommendation to hold until funding is available to cover the request with the following corrections to the Interlocal Contract to be made and submitted to the District by July 30, 1991:

1. Provide a more detailed exhibit

Discussion By TAC

Date: 7-25-91

Follow staff recommendation to approve and present to the Board with a recommendation to hold until funding is available. A more detailed exhibit has been provided to the District.

Recommendation:

Approve

Discussion By CAC

Date: 7-29-91

Follow staff recommendation

Recommendation:

Approve
INTERLOCAL CONTRACT

KYLE CANYON DETENTION BASIN

THIS INTERLOCAL CONTRACT, made and entered into as of this _________ day of ____________, 1991, by and between the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, created pursuant to Chapter 543 of the Nevada Revised Statutes, hereinafter referred to as "DISTRICT"; and the City of North Las Vegas, a municipal corporation, hereinafter referred to as the "CITY".

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements; and

WHEREAS, the project is a regional facility described in the DISTRICT Master Plan Update of the Las Vegas Valley Facility Number 3315, shown on Figure F1, hereinafter referred to as "PROJECT"; and

WHEREAS, the PROJECT is a priority project approved by the Clark County Regional Flood Control District Board on the June 1992 Project List; and

WHEREAS, the PROJECT has regional flood control significance and is located within the same hydrographic area as Clark County and the Cities of Las Vegas, North Las Vegas, and Henderson; and

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises of the parties hereto, the DISTRICT authorizes the CITY to proceed with the design and acquisition of rights-of-way for this PROJECT as it is mutually understood, and agreed as follows:

SECTION I - SCOPE OF PROJECT

This contract is for the design and acquisition of rights-of-way for this PROJECT, which shall consist of general excavation and embankments; collection dikes; the detention basin proper; a major spillway and outlet pipes; debris control devices and related appurtenances. The design
and acquisition of rights-of-way will be funded by the DISTRICT as herein described. This PROJECT is further identified and shown on the attached Exhibit "A".

SECTION II - PROJECT COSTS

The DISTRICT agrees to provide funding for project costs within the limits specified below:

1. Preparation of right-of-way drawings, descriptions, title reports, right-of-way engineering, surveys, appraisals, and negotiations at a cost not to exceed $50,000.

2. Engineering, drafting, preparation of contract documents, surveys, and geotechnical investigations at a cost not to exceed $400,000.

3. The total cost of this contract shall not exceed $450,000 which includes all work listed in paragraphs 1 and 2 above.

A written request must be made to the DISTRICT and a supplemental interlocal contract approved to increase any of the amounts noted above prior to payment of any additional funds.

SECTION III - GENERAL

1. The title sheet of both the plans and the specifications shall show the Regional Flood Control District of Clark County as the funding agency.

2. The CITY will provide the DISTRICT with a project schedule indicating the anticipated dates for rights-of-way acquisition, completion of final plans, specifications, and estimates. This information shall be updated monthly.

3. The CITY will comply with the Local Purchasing Act, Chapter 332 of the Nevada Revised Statues.

4. The CITY, its employees, and representatives shall, at all times, comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed on the PROJECT.

5. The CITY will require appropriate financial security for the construction of the PROJECT.

6. The CITY shall provide impacted entities and the DISTRICT with the opportunity to provide development, consultant selection, design, construction, and maintenance review, and monitoring of the effectiveness and impact of facilities on flood flows.
7. Any and all applicable portions of the current editions of the DISTRICT's policies and procedures will apply in developing this PROJECT unless specifically superseded by this Agreement.

8. Purchases of rights-of-way in excess of that actually needed for construction will not be allowed unless a comparison between the cost of excess acquisition and needed acquisition, including damages, indicates that benefits from such a transaction would result. Title to residual property will be vested in the name of the CITY. Revenues derived from the sale of these properties, less the cost of the sale of these properties, will be forwarded to the DISTRICT.

9. Administrative settlements and acceptance of counter offers involving rights-of-way may only be made following a review and approval by the DISTRICT.

10. The DISTRICT will make payments to the CITY, its contractors, or its consultant each month for project costs as outlined in SECTION II - PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:

   a. Right-of-Way
      1. Design
      2. Surveying
      3. Appraisals
      4. Negotiations
      5. Land acquisition
      6. Legal fees, escrow, stamps, recording fees, etc.

   b. Predesign Engineering
      1. Planning activities related to predesign reports
      2. Predesign reports
      3. Drafting and plan preparation
      4. Material testing - exploration and investigations
      5. Surveying - location, topographic, alignment, and cross sections
6. Review and checking
7. Identifiable project reproduction and printing costs
c. Design Engineering
   1. Design reports
   2. Design and specifications
   3. Drafting and plan preparation
   4. Material testing - exploration and investigation
   5. Surveying - location, topographic, alignment, and cross sections
   6. Review and checking
   7. Identifiable project reproduction and printing costs
d. Construction (all work after award of construction contract)
   1. Inspection
   2. Supervision
   3. Contractor payments
   4. Material testing - quality control
   5. Surveying - construction stakeout and control
   6. Force accounts:
      i. Labor
      ii. Equipment
      iii. Materials
e. Operation and Maintenance
   1. Inspection
   2. Supervision
   3. Contractor payments
   4. Material testing
   5. Surveying
   6. Force accounts:
11. Accurate documentation of all work performed and payments made will be maintained by the CITY for a period of three (3) years in hard copy form after final project approval and payment. Following the three year period, the CITY shall keep records for permanent storage in original form or in microfilm/fiche media.

12. The DISTRICT reserves the right to review and/or audit all records pertaining to all projects both during and after project completion.

13. The CITY will be responsible for any loss, damage, liability, cost, or expense caused by the actions or inactions of its employees, consultants, contractors, or agents arising under this Agreement and hereby holds the DISTRICT harmless therefrom.

14. Any costs found to be improperly allocated to this project will be refunded by the CITY to the DISTRICT.

15. The CITY, as the administering agency, will provide the DISTRICT with the information required in NRS 543.580 and shall present that information orally to the Citizen's Advisory Committee, the Technical Advisory Committee, and the Board of Directors.

16. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to December 31, 1992. The DISTRICT may, at any time thereafter, grant extensions or terminate this Agreement after thirty (30) days' notice and may require all sums advanced to the CITY be repaid.

17. The CITY, at its own discretion, may use the services of a consultant for the completion of work identified in SECTION I - SCOPE OF PROJECT and the DISTRICT will not be a party to such an agreement. However, the use of any consultant will not entitle the CITY to additional funds beyond that specified in SECTION II - PROJECT COSTS as hereinabove set forth.
18. The CITY will provide the DISTRICT with preliminary plans, specifications, and estimates for review and comments.

19. Financial commitment by the DISTRICT under this contract is contingent upon availability of funds. The DISTRICT staff will notify the CITY when funds become available. No work will be authorized until that notification is given.

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

____________________________
MICHAEL R. HARRIS, Chairman

ATTEST:

____________________________
DEANNA LEFKO, Secretary

Approved as to Form:

____________________________
CHRISTOPHER FIGGINS, Deputy District Attorney

Date of Council Action: CITY OF NORTH LAS VEGAS

____________________________
JAMES SEASTRAND, Mayor

ATTEST:

____________________________
EILEEN SEVIGNY, City Clerk

Kyle Canyon Agr., 7/16/91
AGENDA ITEM

SUBJECT:
DUCK CREEK CHANNEL CROSSING AT PACHUCA STREET AND TOMIYASU LANE

PETITIONER:
M. J. MANNING, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:
THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE INTERLOCAL CONTRACT FOR THE DESIGN AND RIGHT-OF-WAY ENGINEERING FOR THE DUCK CREEK CHANNEL CROSSING AT PACHUCA STREET AND TOMIYASU LANE

FISCAL IMPACT:
$100,000 Funded by Regional Flood Control District (Fund 443)

BACKGROUND:
The Regional Flood Control District's ten year construction program includes the design and construction of a crossing on the Duck Creek Channel at Pachuca Street and Tomiyasu Lane. These crossings are also identified on the District's pay-as-you-go program for fiscal year 1991-92.

Clark County Public Works is proposing this interlocal contract to provide funding for the design and right-of-way engineering of the crossings at Pachuca Street and Tomiyasu Lane.

Respectfully submitted,
M. J. MANNING
DIRECTOR OF PUBLIC WORKS

TAC AGENDA
ITEM #14
Date: 7/25/91

RFCD AGENDA
ITEM # 10
Date: 8-8-91

ITEM #4B
Date: 9-12-91


**Regional Flood Control District**

**AGENDA ITEM DEVELOPMENT**

<table>
<thead>
<tr>
<th><strong>Staff Discussion:</strong></th>
<th><strong>Date:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>DUCK CREEK CROSSINGS AT PACHUCA STREET AND TOMIYASU LANE - INTERLOCAL CONTRACT</td>
<td>9-3-91</td>
</tr>
</tbody>
</table>

See previous staff discussion dated July 16, 1991. The project has been identified on the JUNE 1992 project list and funds are available to cover the request. The District Attorney has reviewed the contract as to form.

**Staff Recommendation:**

Approve

**Recommendation:**

**Discussion By ___________________**

AGENDA Date: 9-3-91

**Recommendation:**

**Discussion By ___________________**

AGENDA Date: 9-3-91

**Recommendation:**

**Discussion By ___________________**

AGENDA Date: 9-3-91

**Recommendation:**

**Discussion By ___________________**

AGENDA Date: 9-3-91

**Recommendation:**

**Discussion By ___________________**

AGENDA Date: 9-3-91

**Recommendation:**
Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Staff Discussion: DUCK CREEK CROSSINGS AT PACHUCA STREET AND TOMIYASU LANE - INTERLOCAL CONTRACT

Clark County is requesting $100,000 to fund the engineering for two bridges over Duck Creek at Pachuca Street and Tomiyasu Lane. The project is identified for funding on the JUNE 1992 PROJECT LIST approved by the Board on July 11, 1991. The JUNE 1992 PROJECT LIST programs $818,000 for the design and construction of the bridges. This request is for the design.

Staff Recommendation:
That the Advisory Committees recommend approval and that staff present the item to the Board with a recommendation to hold until funding is available to cover the request.

Discussion By TAC: 
Follow staff recommendation to approve and present to the Board with a recommendation to hold until funding is available.

Recommendation: 
Approve

Discussion By CAC: 
Follow staff recommendation.

Recommendation: 
Approve

Discussion By Staff: 
Funds are not available to cover the $100,000 request.

Recommendation: 
Hold until funding becomes available
INTERLOCAL CONTRACT FOR
CHANNEL CROSSINGS ON DUCK CREEK
AT PACHUCA STREET AND TOMIYASU LANE

THIS CONTRACT, made and entered into this ___ day of ________, 1991, by and between the County of Clark, a political subdivision, hereinafter referred to as "COUNTY", and the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT".

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements, and;

WHEREAS, the flood control improvements proposed herein are the same as those identified in the Master Plan as Structure Nos. 3534 and 3535, hereinafter referred to as "PROJECT"; and

WHEREAS, the PROJECT is a priority project and has been approved by the DISTRICT on the fiscal year 1991-92 annual project priority list; and

WHEREAS, the PROJECT has regional flood control significance and is located in the Las Vegas Valley hydrographic area.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises of the parties hereto, the DISTRICT authorizes the COUNTY to proceed with the preliminary engineering and design for the PROJECT as it is mutually understood and agreed as follows:

SECTION I - SCOPE OF PROJECT

This interlocal contract applies to flood control improvements associated with the Duck Creek Channel crossings at Pachuca Street and Tomiyasu Lane. The basic improvements shall consist of concrete structures, including headwalls, wing walls, channels, aprons, inlets and other appurtenances as may necessary to control flood waters in the Duck Creek Channel at Pachuca Street and Tomiyasu Lane. The PROJECT is identified and shown on the attached Exhibit "A".
SECTION II - PROJECT COSTS

The DISTRICT agrees to provide funding for project costs within the limits specified below:

1. The preliminary engineering and engineering design shall not exceed $90,000.

2. Preparation of right-of-way drawings, descriptions, title reports of the right-of-way required, and obtain appraisals at a cost not to exceed $10,000.

3. The total cost of this Contract shall not exceed $100,000 which includes all the items described in paragraph one and two above.

A written request must be made to the DISTRICT and a supplemental interlocal contract approved to increase any of the amounts noted above prior to payment of any additional funds.

SECTION III - GENERAL

1. The title sheet of both the plans and the specifications shall show the Regional Flood Control District of Clark County as the funding agency.

2. The COUNTY will provide the DISTRICT with a project schedule indicating the anticipated dates for right-of-way acquisition, completion of final plans, specifications and estimates. This information shall be updated monthly.

3. The COUNTY will comply with the Local Government Purchasing Act, Chapter 332 of the Nevada Revised Statutes.

4. The COUNTY, its employees, and representatives shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed on the PROJECT.

5. The COUNTY will require appropriate performance bonds for the construction of the PROJECT.

6. The COUNTY shall provide the DISTRICT with the opportunity to provide the COUNTY with input relative to the following processes: scope of services development, consultant selection, design, construction and maintenance review, and monitoring of the effectiveness and impacts of facilities on flood flows.
7. Any and all applicable portions of the current DISTRICT Policies and Procedures will apply in developing this PROJECT unless specifically superseded by this contract.

8. Purchases of right-of-way in excess of that actually needed for construction will not be allowed unless a comparison between the cost of excess acquisition and needed acquisition, including damages, indicates that benefits from such a transaction would result. Title to residual property will be vested in the name of the COUNTY. Revenues derived from the sale of these properties, less the cost of the sale of these properties, will be forwarded to the DISTRICT.

9. Administrative settlements and acceptance of counter offers involving right-of-way may only be made following a review and approval by the DISTRICT.

10. The DISTRICT will make a payment to the COUNTY, its contractor, or its consultant, each month for PROJECT costs as outlined in the SECTION II - PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:

   a. Right-of-Way
      1) Design
      2) Surveying
      3) Appraisals
      4) Negotiations
      5) Land Acquisition
      6) Legal Fees, Escrow, Stamps, Recording Fees, etc.

   b. Predesign Engineering
      1) Planning activities related to predesign reports
      2) Predesign reports
      3) Drafting and plan preparation
      4) Material testing - exploration and investigations
      5) Surveying - location, topographic, alignment and cross sections
      6) Review and checking
      7) Identifiable project reproduction and printing costs

   c. Design Engineering
      1) Design reports
      2) Design and Specifications
      3) Drafting and plan preparation
      4) Material testing - exploration and investigation
      5) Surveying - location, topographic, alignment and cross sections
      6) Review and checking
      7) Identifiable project reproduction and printing costs
d. Construction (all work after award of construction contract)
   1) Inspection
   2) Supervision
   3) Contractor payments
   4) Material testing - quality control
   5) Surveying - construction stakeout and control
   6) Force accounts
      i) Labor
      ii) Equipment
      iii) Materials

e. Operation and Maintenance
   1) Inspection
   2) Supervision
   3) Contractor payments
   4) Material testing
   5) Surveying
   6) Force accounts
      i) Labor
      ii) Equipment
      iii) Materials

11. Accurate documentation of all work done and payments made will be maintained by the COUNTY for a period of three (3) years in hard copy form after final project approval and payment. Following the three year period, the COUNTY shall keep records for permanent storage in original form or in the microfilm/fiche media.

12. The DISTRICT reserves the right to review and/or audit all records pertaining to the PROJECT both during and after PROJECT completion.

13. The COUNTY will be responsible for any loss, damage, liability, cost or expense caused by the actions or inactions of its employees, consultants, contractors or agents arising under this Contract and hereby holds the DISTRICT harmless therefrom.

14. Any costs found to be improperly allocated to the PROJECT will be refunded by the COUNTY to the DISTRICT.

15. The COUNTY as the administering agency will provide the DISTRICT with the information required in NRS 543.580 and shall present that information orally to the Citizens Advisory Committee, Technical Advisory Committee, and the Board of Directors.

16. The items covered in paragraphs one and two of SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to July 1, 1992. The DISTRICT may, at any time thereafter, grant extensions or terminate
this Contract after thirty (30) days notice and may require all sums advanced to the COUNTY be repaid.

17. The COUNTY at its own discretion may use the services of a consultant for the completion of the work identified in SECTION I - SCOPE OF PROJECT, and the DISTRICT will not be a party to such agreement. However, the use of any consultant will not entitle the COUNTY to additional funds beyond that specified in SECTION II - PROJECT COSTS as hereinabove set forth.

18. The COUNTY will provide the DISTRICT with preliminary plans, specifications and estimates for review and comments.

ATTEST: 

LORETTA BOWMAN, County Clerk

Date of Commission Action:

ATTEST: 

DEANNA LEFKO, Secretary

Date of District Action:

Approved as to Legality and Form:

BY: 

CHRISTOPHER FIGGIS
Deputy District Attorney
CHANNEL CROSSINGS ON DUCK CREEK AT PACHUCA STREET AND TOMIYASU LANE

PACHUCA 7/15/91 KTL
### SUBJECT:
**VAN BUSKIRK CHANNEL**

### PETITIONER:
**M. J. MANNING, DIRECTOR OF PUBLIC WORKS**

### RECOMMENDATION OF PETITIONER:
**THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE INTERLOCAL CONTRACT FOR THE DESIGN OF FLOOD CONTROL FACILITIES ALONG THE VAN BUSKIRK CHANNEL BETWEEN SPENCER STREET AND ROCHELLE AVENUE.**

### FISCAL IMPACT:
$360,000 Funded by Regional Flood Control District.

### BACKGROUND:
The construction of improvements to Van Buskirk Channel is included on the current ten-year program for funding in Fiscal Year 1991-92. In addition the proposed pay as you go program and bond project list also includes funding for construction of improvements in the Van Buskirk Channel.

Clark County Public Works is proposing this interlocal contract to provide funding for the design of two detention basins, four channel crossings, and up to 10,000 feet of channel along the Van Buskirk Channel.

Respectfully submitted,

M. J. MANNING  
DIRECTOR OF PUBLIC WORKS  

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**TAC AGENDA**
- **ITEM # 15**  
  - **Date:** 7/25/91

**RFCD AGENDA**
- **ITEM # 11**  
  - **Date:** 8-8-91
- **ITEM # 4F**  
  - **Date:** 9-12-91
Clark County is requesting $360,000 to fund the engineering for a part of the Van Buskirk Channel between Spencer Street and Rochelle Avenue. The Van Buskirk Channel design is identified for funding on the JUNE 1992 PROJECT LIST approved by the Board on July 11, 1991. The JUNE 1992 PROJECT LIST programs $650,000 for the design of the system.

**Staff Recommendation:**
That the Advisory Committees recommend approval and that staff present the item to the Board with a recommendation to hold until funding is available to cover the request.

**Discussion By TAC:**
Follow staff recommendation to approve and present to the Board with a recommendation to hold until funding is available.

**Recommendation:**
Approve

**Discussion By CAC:**
Follow staff recommendation

**Recommendation:**
Approve

**Discussion By Staff:**
Funds are not available to cover the $360,000 request.

**Recommendation:**
Hold until funding becomes available

**Discussion By Staff:**
See previous staff discussion dated July 16, 1991. The project has been identified on the JUNE 1992 project list and funds are available to cover the request. The District Attorney has reviewed the contract as to form.

**Recommendation:**
Approve
INTERLOCAL CONTRACT FOR
VAN BUSKIRK CHANNEL

THIS CONTRACT, made and entered into this ____ day of _________, 1991, by and between the County of Clark, a political subdivision, hereinafter referred to as "COUNTY", and the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT".

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements, and;

WHEREAS, the flood control improvements proposed herein are the same as those identified in the Master Plan Amendment No. 90-5 hereinafter referred to as "PROJECT"; and

WHEREAS, the PROJECT is a priority project and has been approved by the DISTRICT on the fiscal year 1991-92 annual project priority list; and

WHEREAS, the project has regional flood control significance and is located in the Las Vegas Valley hydrographic area.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises of the parties hereto, the DISTRICT authorizes the COUNTY to proceed with the preliminary engineering and design for the PROJECT as it is mutually understood and agreed as follows:

SECTION I - SCOPE OF PROJECT

This interlocal contract applies to flood control facilities associated with the Van Buskirk Channel and Detention Basin. The PROJECT shall consist of the design of two detention basins, four channel crossings, and up to 10,000 linear feet of channel as may be necessary to control flood waters along the Van Buskirk Channel between Spencer Street and Rochelle Avenue. The PROJECT is identified and shown on the attached Exhibit "A".
SECTION II - PROJECT COSTS

The DISTRICT agrees to provide funding for project costs within the limits specified below:

1. Preliminary engineering and engineering design shall not exceed $360,000.

2. The total cost of this Contract shall not exceed $360,000 which includes all the items described in paragraph one above.

A written request must be made to the DISTRICT and a supplemental interlocal contract approved to increase any of the amounts noted above prior to payment of any additional funds.

SECTION III - GENERAL

1. The title sheet of both the plans and the specifications shall show the Regional Flood Control District of Clark County as the funding agency.

2. The COUNTY will provide the DISTRICT with a project schedule indicating the anticipated dates for right-of-way acquisition, completion of final plans, specifications and estimates. This information shall be updated monthly.

3. The COUNTY will comply with the Local Government Purchasing Act, Chapter 332 of the Nevada Revised Statutes.

4. The COUNTY, its employees, and representatives shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed on the PROJECT.

5. The COUNTY will require appropriate performance bonds for the construction of the PROJECT.

6. The COUNTY shall provide the DISTRICT with the opportunity to provide the COUNTY with input relative to the following processes: scope of services development, consultant selection, design, construction and maintenance review, and monitoring of the effectiveness and impacts of facilities on flood flows.
7. Any and all applicable portions of the current DISTRICT Policies and Procedures will apply in developing this PROJECT unless specifically superseded by this contract.

8. Purchases of right-of-way in excess of that actually needed for construction will not be allowed unless a comparison between the cost of excess acquisition and needed acquisition, including damages, indicates that benefits from such a transaction would result. Title to residual property will be vested in the name of the COUNTY. Revenues derived from the sale of these properties, less the cost of the sale of these properties, will be forwarded to the DISTRICT.

9. Administrative settlements and acceptance of counter offers involving right-of-way may only be made following a review and approval by the DISTRICT.

10. The DISTRICT will make a payment to the COUNTY, its contractor, or its consultant, each month for PROJECT costs as outlined in the SECTION II - PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:

   a. Right-of-Way
      1) Design
      2) Surveying
      3) Appraisals
      4) Negotiations
      5) Land Acquisition
      6) Legal Fees, Escrow, Stamps, Recording Fees, etc.

   b. Predesign Engineering
      1) Planning activities related to predesign reports
      2) Predesign reports
      3) Drafting and plan preparation
      4) Material testing - exploration and investigations
      5) Surveying - location, topographic, alignment and cross sections
      6) Review and checking
      7) Identifiable project reproduction and printing costs

   c. Design Engineering
      1) Design reports
      2) Design and Specifications
      3) Drafting and plan preparation
      4) Material testing - exploration and investigation
      5) Surveying - location, topographic, alignment and cross sections
      6) Review and checking
      7) Identifiable project reproduction and printing costs
d. Construction (all work after award of construction contract)

1) Inspection
2) Supervision
3) Contractor payments
4) Material testing - quality control
5) Surveying - construction stakeout and control
6) Force accounts
   i) Labor
   ii) Equipment
   iii) Materials

e. Operation and Maintenance

1) Inspection
2) Supervision
3) Contractor payments
4) Material testing
5) Surveying
6) Force accounts
   i) Labor
   ii) Equipment
   iii) Materials

11. Accurate documentation of all work done and payments made will be maintained by the COUNTY for a period of three (3) years in hard copy form after final project approval and payment. Following the three year period, the COUNTY shall keep records for permanent storage in original form or in the microfilm/fiche media.

12. The DISTRICT reserves the right to review and/or audit all records pertaining to the PROJECT both during and after PROJECT completion.

13. The COUNTY will be responsible for any loss, damage, liability, cost or expense caused by the actions or inactions of its employees, consultants, contractors or agents arising under this Contract and hereby holds the DISTRICT harmless therefrom.

14. Any costs found to be improperly allocated to the PROJECT will be refunded by the COUNTY to the DISTRICT.

15. The COUNTY as the administering agency will provide the DISTRICT with the information required in NRS 543.580 and shall present that information orally to the Citizens Advisory Committee, Technical Advisory Committee, and the Board of Directors.

16. The items covered in paragraphs one and two of SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to July 1, 1992. The DISTRICT may, at any time thereafter, grant extensions or terminate
this Contract after thirty (30) days notice and may require all sums advanced to the COUNTY be repaid.

17. The COUNTY at its own discretion may use the services of a consultant for the completion of the work identified in SECTION I - SCOPE OF PROJECT, and the DISTRICT will not be a party to such agreement. However, the use of any consultant will not entitle the COUNTY to additional funds beyond that specified in SECTION II - PROJECT COSTS as hereinabove set forth.

18. The COUNTY will provide the DISTRICT with preliminary plans, specifications and estimates for review and comments.

ATTEST:

LORETTA BOWMAN, County Clerk

Date of Commission Action:

ATTEST:

DEANNA LEFKO, Secretary

Date of District Action:

Approved as to Legality and Form:

BY:

CHRISTOPHER FIGGINS
Deputy District Attorney
LEGEND

- PROPOSED DETENTION BASIN SITE
- PROPOSED CHANNEL/CULVERT ALIGNMENT

VAN BUSKIRK CHANNEL FLOOD CONTROL FACILITIES
SUBJECT:
LOGAN WASH DIVERSION AND CHANNEL

PETITIONER:
M. J. MANNING, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:
THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE INTERLOCAL AGREEMENT FOR THE ACQUISITION OF RIGHT-OF-WAY FOR THE LOGAN WASH CHANNEL IN MOAPA VALLEY

FISCAL IMPACT:
$250,000 Previously approved for design, ROW engineering, and environmental assessment
$ 90,000 Requested for ROW Acquisition
$340,000 Total amount in Second Supplemental Agreement requested

BACKGROUND:
The Regional flood Control District previously approved interlocal agreements for the design, right-of-way engineering, appraisals, and environmental assessments for the Logan Wash Diversion and Channel. The design is nearing completion, and right-of-way engineering and appraisals are completed.

Clark County Public Works is prepared to proceed with the acquisition of right-of-way and is proposing this agreement to provide the necessary acquisition funding.

Respectfully submitted,

M. J. MANNING
DIRECTOR OF PUBLIC WORKS

TAC AGENDA
ITEM # 16
Date: 7/25/91

RFCD AGENDA
ITEM # 46
Date: 9-12-91
Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion: LOGAN (BENSON) WASH DIVERSION AND CHANNEL
- SECOND SUPPLEMENTAL INTERLOCAL CONTRACT

See previous staff discussion dated July 16, 1991. The project has been identified on the JUNE 1992 project list and funds are available to cover the request. The District Attorney has reviewed the contract as to form.

Staff Recommendation:
Approve

Recommendation:

Discussion By ____________________:

Recommendation:

Discussion By ____________________:

Recommendation:

Discussion By ____________________:

Recommendation:
Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Staff Discussion: LOGAN (BENSON) WASH DIVERSION AND CHANNEL - SECOND SUPPLEMENTAL INTERLOCAL CONTRACT

Date: 7-16-91

Clark County is requesting $90,000 to fund the right-of-way acquisition for the Logan (Benson) Wash Diversion and Channel located in Moapa Valley. The right-of-way (5.48 acres) has been appraised at a total cost of $69,100. The date of the appraisal is May 1, 1991. The amount requested to cover acquisition, negotiations and escrow fees appears reasonable.

The Logan Wash System is identified for funding on the JUNE 1992 PROJECT LIST approved by the Board on July 11, 1991. The JUNE 1992 PROJECT LIST programs $1,384,000 for the right-of-way acquisition and construction of this facility. This request is for right-of-way acquisition funding.

Staff Recommendation:

That the Advisory Committees recommend approval and that staff present the item to the Board with a recommendation to hold until funding is available to cover the request.

Discussion By TAC:

Follow staff recommendation to approve and present to the Board with a recommendation to hold until funding is available.

Recommendation:

Approve

Discussion By CAC:

Follow staff recommendation

Recommendation:

Approve

Discussion By Staff:

Funds are not available to cover the $90,000 request.

Recommendation:

Hold until funding becomes available
SECOND SUPPLEMENTAL INTERLOCAL AGREEMENT FOR
LOGAN WASH DIVERSION AND CHANNEL
MOAPA VALLEY

THIS SECOND SUPPLEMENTAL INTERLOCAL AGREEMENT, made and entered into this _____ day of __________, 1991, by and between the County of Clark, a political subdivision, hereinafter referred to as "COUNTY", and the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT".

WITNESSETH

WHEREAS, on September 14, 1989, and on June 13, 1991, the COUNTY and the DISTRICT entered into an Interlocal Agreement for the preliminary design, design, and right-of-way engineering for the Logan Wash Diversion and Channel as shown on the attached Exhibit "A", and

WHEREAS, the right-of-way engineering is complete and appraisals have been completed; and

WHEREAS, it is necessary to provide additional funding for right-of-way acquisition.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises hereto, it is mutually understood and agreed to supplement the Interlocal Agreement dated September 14, 1989 as follows:

SECTION II - PROJECT COSTS shall be revised to read as follows:

The DISTRICT agrees to provide funding for project costs within the limits specified below:

1. The preliminary engineering and engineering design shall not exceed $187,000 or 8 percent of the construction cost, whichever is less.

2. Preparation of an Environmental Assessment at a cost not to exceed $40,000.

3. Preparation of right-of-way drawings, descriptions, title reports of the right-of-way required, and obtain the appraisals at a cost not to exceed $23,000.

4. Right-of-way acquisitions, negotiations, and escrow fees at a cost not to exceed $30,000.
5. The total cost of this agreement shall not exceed $340,000 which includes all the items described in paragraphs 1, 2, 3, and 4 above.

SECTION III - GENERAL Paragraph 15 shall be revised to read as follows:

15. The items covered in paragraphs 1, 2, 3, and 4 of SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to December 31, 1991. The DISTRICT may, at any time thereafter, terminate this agreement and require all sums advanced to the COUNTY be repaid.

A written request must be made to the DISTRICT and a supplemental agreement approved to increase any of the amounts noted above prior to payment of any additional funds.

The remainder of the Interlocal Agreement and the Supplemental Agreement remain unchanged.

ATTEST: CLARK COUNTY

BOARD OF COUNTY COMMISSIONERS

LORETTA BOWMAN, County Clerk

Date of Commission Action:

________________________

ATTEST: REGIONAL FLOOD CONTROL DISTRICT

DEANNA LEFKO, Secretary

Date of District Action:

________________________

Approved as to Legality and Form:

BY: CHRISTOPHER FIGGINS

Deputy District Attorney
EXHIBIT "A"

VICINITY MAP

CLARK COUNTY DEPARTMENT OF PUBLIC WORKS
LOGAN WASH FLOOD CONTROL
LOGANDALE, NEVADA
CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:
Contract Modification for Lake Mead Boulevard - Phase IB (Carey/Lake Mead System)

PETITIONER:
City of Las Vegas

RECOMMENDATION OF PETITIONER:
Approve contract modification and its funding.

FISCAL IMPACT:
$116,000 available from existing contract. No additional funding is required.

BACKGROUND:
The poor soils encountered in the storm drain pipe trench required over-excavation and backfill with 1-1/2" drain rock. This provided adequate support and prevented the pipe from settling during construction. The problem was encountered as a result of the oversizing of the storm drain pipe in Lake Mead Boulevard.

Respectfully submitted,

Richard D. Goecke, Director
Department of Public Works

TAC AGENDA
ITEM # 8
Date: 8-29-91

RFCD AGENDA
ITEM # 5
Date: 9-12-91
The City of Las Vegas has submitted a revised agenda item as requested.

Staff Recommendation:
Approval
The City of Las Vegas is requesting a contract modification in the amount of $116,001.87 for that portion of the Carey/Lake Mead System project bid as Lake Mead Boulevard Phase 1B (Winwood to Rancho). The contract modification is for the over excavation and backfill required due to poor soils encountered when installing the storm drain.

The District provided oversizing costs for the storm drain. The agenda item attributes the oversized storm drain as the reason for the contract modification.

Comments on the Agenda Item:
1. Subject should read Contract Modification for Lake Mead Boulevard, Phase 1B (Carey/Lake Mead System)
2. Recommendation of the Petitioner should read Approve Contract Modification and its funding
3. Fiscal Impact should read $116,000.00 available from existing Interlocal Contract. No additional funding required. The amount was obtained from Hackett Environmental Systems, Inc. letter date July 17, 1991.

Recommendation:

Approval with the condition that the City of Las Vegas submit a corrected Agenda Item, as noted above, prior to the Board Agenda deadline of September 3, 1991.

Discussion By TAC: 8-29-91

Recommendation:
Approval of staff's recommendation

Discussion By CAC: 8-29-91

Recommendation:
Approval of staff's recommendation
July 17, 1991

Carl Krehnovi
Construction Services/Quality Control
Department of Public Works
City Hall
400 E. Stewart Avenue
Las Vegas, Nevada 89101

REFERENCE: Lake Mead-Winwood to Rancho

SUBJECT: Change Order Request #6 (revised)
Over Excavation

Dear Carl:

We have completed the installation of the Storm Sewer. Our previous request for payment for drain rock should be modified.

In accordance with Section 208.03.01(b), we submit the quantities and cost for the following locations:

84"- Sta 33+88 to Sta 40+93
705 LF x 1.5' x 11.5' = 450.4 cy

90"- Sta 40+93 to Sta 58+00
1,705 LF x 1.5' x 12' = 1136.7 cy

84"- Sta 58+00 to 62+95
495 LF x 1.5' x 11.5' = 316.2 cy

Total = 1,903.3 cy

Per our discussion, the unit price has been adjusted from $34.98 cy to $30.50 cy.

Request #1 = 751.42 cy
Request #2 = 1148.62 cy
Request #3 = 1903.3 cy (final request)
Total = 3803.34 cy

3,803.34 cy x $30.50/cy = $116,001.87

Use $116,000.00
Please issue a Change Order for this amount.

An extension of time is also requested for an additional 20 calendar days.

Thank you,

Clarence M. Barnes
Project Manager
Hackett Environmental Systems, Inc.
CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:
Acquisition of right-of-way needed from Assessor’s Parcel #01E-020-003 for the construction of the Upper Las Vegas Detention Basin

PETITIONER:  Gary W. Holler, P.E., Director of Public Works
City of North Las Vegas

RECOMMENDATION OF PETITIONER:
It is recommended that the Flood Control District approve the negotiated settlement of $40,000 for the acquisition of right-of-way needed from Assessor’s Parcel #01E-020-003 for the construction of the Upper Las Vegas Detention Basin

FISCAL IMPACT:
None - ($40,000 is within amount identified for right-of-way acquisition costs in interlocal contract)

BACKGROUND:
The original appraisal done by Steven G. Anderson on February 27, 1991 appraised the partial take of property for the sum of $10,000. This appraisal assumed that the 3.24 acres being acquired from the 37.5 acre parcel was the area totally within the flood control channel, thus the appraiser valued the take at $3,000 per acre and rounded the offer to $10,000.

Recently the engineering company responsible for designing this project had aerial photographs taken of the acreage in question. With these aerial photographs, it was clear that only 1.14 acres of the 3.24 acres was totally within the floodplain. Therefore, the offer was revised using the price per acre as stated in Mr. Anderson’s report; the 1.14 acres was valued at $3,000 per acre and the remaining 2.10 acres were valued at $16,500 per acre for a total of $38,070.

The attorney for the ATEP Trust had recently countered with the offer of $40,000 (2.1 acres at $16,500 per acre and 1.14 acres at $5,000 per acre).

The proposed counter offer appears reasonable and in the best interest of the parties concerned.

Respectfully submitted,

[Signature]

TAC AGENDA ITEM: 9A  RFCD AGENDA ITEM: 6A
Date: 8-29-91  Date: 9-12-91
Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Staff Discussion: UPPER LAS VEGAS WASH DETENTION BASIN - NEGOTIATED SETTLEMENT OF ASSESSOR’S PARCEL #01E-020-003

Date: 9-3-91

The City of North Las Vegas has submitted a revised agenda item as requested by staff.

Staff Recommendation:
Approve

Discussion By ________________________:

Recommendation:

Discussion By ________________________:

Recommendation:

Discussion By ________________________:

Recommendation:
The City of North Las Vegas has negotiated a settlement for 3.24 acres of Assessor’s Parcel #01E-020-003. The right-of-way is required for construction of the Upper Las Vegas Wash Detention Basin. The original appraisal was based upon a cost of $3,000/acre assuming that the land lies within a floodplain. More detailed topographic information revealed that only 1.14 acres lies within a floodplain. The costs were adjusted to account for the land which lies within a floodplain ($3,000/acre) and the land outside of the floodplain ($16,500/acre) for a total of $38,070. The value of land outside of the flood plain, $16,500/acre, was obtained from the appraisal. The owner’s counter offer is $40,000 for the 3.24 acres. The counter offer appears reasonable.

The original offer of $10,000 for 3.24 acres has been negotiated in an amount of $40,000 or an increase of $30,000.

If the residual property is sold or is used for other purposes the District funds shall be reimbursed per the District Policies and Procedures.

The Agenda Item Fiscal Impact should read "None", ($40,000 is within the amount identified for right-of-way acquisition costs in the Interlocal Contract).

Recommendation:

Approval with the condition the City of North Las Vegas submit a corrected Agenda Item, as noted above, prior to the Board Agenda deadline of September 3, 1991.
RIGHT-OF-WAY SITE PLAN

CITY OF NORTH LAS VEGAS
RIGHT-OF-WAY

DESCRIPTION NW 1/4, SW 1/4

DATE 1-29-91
CALC. BY RH
CHECKED BY RH
DRAWN BY RH

OWNER ATEP Trust
PARCEL NO. 01E-020-003
SECTION TOWNSHIP RANGE SEC. 1, T.19S., R.60E., M.D.N.
TOTAL AREA OF PARCEL 1,699.961 SQ. FT. 39.03 AC.
AREA OF R/W TAKE 141.016 SQ. FT. 3.24 AC.
AREA OF R/W TAKE WITHIN U.S.A. PAT. RES. 
AREA OF R/W TAKE COVERED BY EXIST. ST. IMPROV. 
TOTAL REMAINING AREA OF PARCEL (EXCLUDING R/W TAKE) 1,558.945 SQ. FT. 35.79 AC.
REFERENCE BK 2040 : 2019367
SHT 1 OF 1
SUBJECT:
Acquisition of right-of-way needed from Assessor's Parcel #01E-070-007 for the construction of the Upper Las Vegas Detention Basin

PETITIONER: Gary W. Holler, P.E., Director of Public Works
City of North Las Vegas

RECOMMENDATION OF PETITIONER:

It is recommended that the Flood Control District approve the negotiated settlement of $125,640 for the acquisition of right-of-way needed from Assessor's Parcel #01E-070-007 for construction of the Upper Las Vegas Detention Basin.

FISCAL IMPACT:

None - ($125,640 is within amount identified for right-of-way acquisition costs in interlocal contract)

BACKGROUND:
The original appraisal done by Steven G. Anderson on February 27, 1991 appraised the partial take of property for the sum of $99,000. This appraisal assumed that the 9.97 acres being acquired from the 20 acre parcel consisted of 5.78 acres of level land and 4.19 acres of land having very rough topography. Mr. Anderson appraised the 5.78 acres at $15,000 per acre and the 4.19 acres at $3,000 per acre for a total of $99,000. This acquisition left a strip of land 97 feet by 760 feet (1.69 acres) attached to the remainder looking like a frying pan handle. Mr. Anderson felt that there was no severance damages to this parcel; however, the owner disagrees.

The owners, the Kimberly Becker Trust represented by Mr. Ernest Becker Jr., proposed that the Flood Control District also acquire that long strip area because of severance damages and that the overall rate of $12,000 per acre be paid for the revised acreage of 10.47 acres; thus resulting in the sum of $125,640 for the acquisition.

Recent sales in the area consisting of properties also impacted by this floodplain have been sold for amounts in excess of the $12,000 asked for by Mr. Becker. Furthermore, the fact that there may be some severance damages to the remaining property is highly likely; therefore, the City of North Las Vegas recommends the acquisition of this property at $125,640.

Respectfully submitted,
[Signature]

TAC AGENDA ITEM # 9B
Date: 8-29-91

RFCD AGENDA ITEM # 6B
Date: 9-12-91
Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Staff Discussion: UPPER LAS VEGAS WASH DETENTION BASIN - NEGOTIATED SETTLEMENT OF ASSESSOR'S PARCEL #01E-070-007

Date: 9-3-91

The City of North Las Vegas has submitted a revised agenda item as requested by staff.

Staff Recommendation:
Approve

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<th>Discussion By:</th>
<th>AGENDA</th>
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Recommendation:

Discussion By: ______________________:

Date: ____________________________

Recommendation:

Discussion By: ______________________:

Date: ____________________________

Recommendation:

Discussion By: ______________________:

Date: ____________________________

Recommendation:
The City of North Las Vegas has negotiated a settlement for a part of Assessor’s Parcel #01E-070-007. The right-of-way is required for construction of the Upper Las Vegas Wash Detention Basin. Part of the negotiated settlement includes the acquisition of a strip of land (residual property) that is approximately 97 feet by 760 feet (1.69 acres). This strip of land has been determined to be unusable by the owner and the City of North Las Vegas concurs in this determination. It is also requested that the purchase price of the land be $12,000/acre in lieu of the appraised amount which averages approximately $9,930/acre. In reviewing other parcels appraised for this project, in particular Assessor’s Parcel #01E-050-002 located approximately one mile east (appraised at approximately $15,000/acre), the negotiated price per acre appears reasonable.

The original offer of $99,000 for 9.97 acres has been negotiated in an amount of $125,640 for 10.47 acres or an increase of $26,640.

If the residual property is sold or is used for other purposes the District funds shall be reimbursed per the District Policies and Procedures.

The Agenda Item Fiscal Impact should read “None”, ($125,640 is within the amount identified for right-of-way acquisition costs in the Interlocal Contract).

Recommendation:
Approval with the condition the City of North Las Vegas submit a corrected Agenda Item, as noted above, prior to the Board Agenda deadline of September 3, 1991.

Discussion By TAC: 9B Date: 8-29-91

Recommendation:
Approval of staff's recommendation

Discussion By CAC: 9B Date: 8-29-91

Recommendation:
Approval of staff's recommendation
RIGHT-OF-WAY SITE PLAN

CITY OF NORTH LAS VEGAS

RIGHT-OF-WAY

DESCRIPTION N\(1/4\), NE\(1/4\), NW\(1/4\)

DATE 1-29-91
CALC. BY RM
CHECKED BY
DRAWN BY RM
REVISED 3-1-91
REVISED 6-5-91

OWNER BECKER TRUST ETAL
PARCEL NO. O1E-070-007
SECTION TOWNSHIP RANGE SEC 4, T. 19S., R. 60E., M.D.N.
TOTAL AREA OF PARCEL 981,502 50. FT. 20.24 AC.
AREA OF R/W TAKE 456,355 50. FT. 10.47 AC.
AREA OF R/W TAKE WITHIN U.S.A. PAT. RES. 456,355 50. FT. 10.47 AC.
AREA OF R/W TAKE COVERED BY EXIST. ST. IMPROV. 456,355 50. FT. 10.47 AC.
TOTAL REMAINING AREA OF PARCEL (EXCLUDING R/W TAKE) 525,147 50. FT. 9.77 AC.
REFERENCE BK 06/123 D/ST 06/54
CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT: Third Supplemental Interlocal Agreement for Hemenway Valley Wash Improvements.

PETITIONER: Phillip T. Henry, P.E., City Engineer

RECOMMENDATION OF PETITIONER:

That the Clark County Regional Flood Control District approve and authorize the chairman to sign the Third Supplemental Interlocal Agreement for the design, construction, material testing and surveying of the Hemenway Valley Wash Improvements.

FISCAL IMPACT:

No additional funding is being requested for CCRFCD through this Supplemental Agreement.

BACKGROUND:

The Hemenway Valley Wash Improvements project is presently funded in the total amount of $4,339,000 for design and construction.

This Third Supplemental Agreement will address several concerns which surfaced during completion of design and in preparation of construction.

1. The Scope of Work is being revised to delete the St. Jude's basin and replace it with other facilities. The cost of redesign is being funded by Boulder City.

(continued next page)

Respectfully submitted,

Phillip T. Henry, P.E.
City Engineer
Boulder City, Nevada

Phillip T. Henry, P.E.
BACKGROUND - continued

2. The maximum dollar amount for engineering design is being increased from $275,000 to $336,000 to cover additional cost for coordination, survey and design for the current plans.

3. The dollar amount for construction, material testing and construction survey is being reduced $4,064,000 to $4,003,000.

Boulder City is requesting a change in scope of work and modification to amounts in the Second Interlocal Contract of the Hemenway Valley Wash Improvements project. The Third Supplemental Interlocal Contract does not request additional funding. The change in scope of work is required on the project and Boulder City’s Master Plan due to unavailability of right-of-way for the St. Jude’s basin.

An amendment to the Master Plan for Boulder City is being proposed under a separate agenda item.

The District Attorney has reviewed the contract as to form.

**Staff Recommendation:**
Approval subject to Boulder City’s adoption of the Master Plan Amendment.

**Discussion By:**

**Recommendation:**
Follow staff recommendation
THIRD SUPPLEMENTAL INTERLOCAL AGREEMENT

Hemenway Valley Wash Floodway

THIS AGREEMENT, made and entered into this _____day of __________, 1991, by and between the City of Boulder City, a political subdivision, hereinafter referred to as "CITY", the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and the County of Clark, hereinafter referred to as "COUNTY".

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, a Master Plan project to design, perform construction inspection and construct flood control improvements for the Hemenway Wash Floodway, hereinafter collectively referred to as PROJECT, shown on the attached Exhibit "A", being located wholly within the incorporated area of the CITY, and within a hydrographic area common to the COUNTY, has been approved by the DISTRICT.

WHEREAS, pursuant thereto, an Interlocal Agreement was entered into on the 3rd day of November, 1987, between the CITY, the DISTRICT and the COUNTY; and

WHEREAS, on the 13th day of September, 1990, a First Supplemental Interlocal Agreement was entered into between the CITY, the DISTRICT, and the COUNTY; and

WHEREAS, on the 2nd day of April, 1991, a Second Supplemental Interlocal Agreement was entered into between the CITY, the DISTRICT, and the COUNTY; and

WHEREAS, it is desired to further supplement the aforementioned agreements to clarify the intent thereof and adjust funding for design, construction, material testing and surveying.
NOW, THEREFORE, in consideration of the premises and the terms contained herein, the parties agree to modify the Interlocal Agreement as follows:

1. Section I - Scope of Project as previously amended on September 13, 1990 is deleted in its entirety and the following is inserted in lieu thereof:

   This Interlocal Agreement applies to improvements associated with the Hemenway Wash Floodway Master Plan Project (Boulder City Master Plan Amendment by Coe and Van Loo dated in August, 1991). The basic improvements shall consist of a wide shallow floodplain with a central low flow channel and stabilized overbank, detention basins, debris basin, outlet works, pipes, channel, dikes, culverts, and other apparatus as may be necessary. Exhibit "A" attached, identifies the Hemenway Wash Floodway Project.

2. Section II - Project Costs as previously amended on September 13, 1990 and April 2, 1991 is deleted in its entirety and the following is inserted in lieu thereof: The DISTRICT agrees to provide funding for project costs within the limits specified below:

   1. The engineering and design shall not exceed $336,000 or eight percent of the construction cost, whichever is less.
   2. The construction material testing and surveying shall not exceed $4,003,000.
   3. The total cost of this THIRD INTERLOCAL AGREEMENT shall not exceed $4,339,000. A written request must be made to the DISTRICT and a supplemental agreement approved to increase any of the amounts noted above prior to payment of any additional funds.

3. Section III - As previously amended on September 13, 1990 and April 2, 1991, paragraph number 13 is deleted in its entirety and the following paragraph inserted thereof:
13. The items covered in Section II Project Costs must be completed to the satisfaction of the DISTRICT prior to December 1, 1992. The DISTRICT may, at any time thereafter, either grant an extension of time or terminate this agreement and require all sums advanced to the CITY be repaid.

4. The remainder of the original Interlocal Agreement shall remain unchanged.

ATTEST:  

DEANNA LEFKO, Secretary

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

BY: ____________________________

Michael Harris, Chairman

Date of Board Action

Approved as to Legality and Form:

By: ____________________________

CHRISTOPHER FIGGINS
Deputy District Attorney

ATTEST:  

CITY OF BOULDER CITY

By: ____________________________

Carol Ann Hawley, City Clerk

Date of Council Action:

______________________________

ATTEST:  

CLARK COUNTY BOARD OF COMMISSIONERS

BY: ____________________________

LORETTA BOWMAN, County Clerk

JAY BINGHAM, Chairman

Date of Commission Action:
EXHIBIT 'A'

EXISTING
LAKE MOUNTAIN CHANNEL

PROPOSED
DIVERSION DIKE

PROPOSED
CHANNEL IMPROVEMENTS

ENLARGE TRAILHEAD BASIN

DELETE ST. JUDE'S BASIN

VILLE DRIVE
DETENTION BASIN

HEMENWAY
CHANNEL IMPROVEMENTS

AMENDMENT TO BOULDER CITY MASTER PLAN
(HEMENWAY VALLEY WASH)
CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:
Interlocal Contract -- Buffalo Channel - Summerlin Parkway to Vegas Drive

PETITIONER:
City of Las Vegas

RECOMMENDATION OF PETITIONER:
That the District approve the Interlocal Contract for the design of the segment from Summerlin Parkway to Vegas Drive.

FISCAL IMPACT:
Project Design $110,000

BACKGROUND:
This Project is on the June 1992 Project List. The City is prepared to begin design of this segment of the Channel upon availability of Project funds and adoption of the Master Plan Update.

Respectfully submitted,

[Signature]
Richard D. Goecke, Director
Department of Public Works

TAC AGENDA ITEM # 12 Date: 8-29-91
RFCD AGENDA ITEM # 8 Date: 9-12-91
Regional Flood Control District

AGENDA ITEM DEVELOPMENT

AGENDA

Date: 8-29-91

Discussion By CAC
BUFFALO CHANNEL (SUMMERLIN PARKWAY TO VEGAS DRIVE) - INTERLOCAL CONTRACT

Staff Recommendation:
Approval of staff's recommendation

Discussion By Staff

The City of Las Vegas is requesting $110,000 to fund the design of the Buffalo Channel from Summerlin Parkway to Vegas Drive. The Buffalo Channel is identified in both the 1986 Master Plan and the Las Vegas Valley Master Plan Update.

The funding ($110,000) for this request is programmed on the JUNE 1992 PROJECT LIST approved by the Board on July 11, 1991. Funding for the construction ($1,500,000) of this project is identified on the BOND PROJECT LIST approved by the Board on July 11, 1991.

Funds are available to cover the request. The District Attorney has reviewed the contract as to form.

Recommendation:
Approval

Discussion By

Recommendation:

Discussion By

Recommendation:
The City of Las Vegas is requesting $110,000 to fund the design of the Buffalo Channel from Summerlin Parkway to Vegas Drive. The Buffalo Channel is identified in both the 1986 Master Plan and the Las Vegas Valley Master Plan Update.

The funding ($110,000) for this request is programmed on the JUNE 1992 PROJECT LIST approved by the Board on July 11, 1991. Funding for the construction ($1,500,000) of this project is identified on the BOND PROJECT LIST approved by the Board on July 11, 1991.

Comments on the Interlocal Contract request:

1. The contract does not identify right-of-way engineering costs. It is assumed that these costs, if incurred, will be provided by other sources.

2. The Interlocal Contract must be changed to reflect the facility numbering system in the Las Vegas Valley Master Plan Update.

3. The signature section may be changed in accordance with the provisions of NRS 543.360 as amended.

Funds are currently not available to cover the $110,000 request.

The District Attorney is reviewing the contract as to form.

Recommendation:

Approval with the following conditions:
1. That the City of Las Vegas submit a corrected Interlocal Contract (facility numbering and signatures) prior to Board Agenda deadline on September 3, 1991;
2. That the item be presented to the Board with a recommendation to hold until funding is available to cover the request; and
3. Subject to adoption of the Las Vegas Valley Master Plan Update by all entities in the hydrographic area.
INTERLOCAL CONTRACT
BUFFALO CHANNEL - SUMMERLIN PARKWAY TO VEGAS DRIVE

THIS INTERLOCAL CONTRACT, made and entered into this___day of
_______, 1991, by and between the City of Las Vegas, a Municipal
Corporation, hereinafter referred to as the "CITY"; and the Clark County Regional
Flood Control District, hereinafter referred to as "DISTRICT".

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the
DISTRICT may approve a project to design and construct flood control
improvements; and

WHEREAS, the PROJECT is a regional facility described in the DISTRICT
Master Plan Update as the Buffalo Channel, Reference Numbers G000344, 0394,
0395, and shown on Exhibit "A" (hereinafter called the "PROJECT"); and

WHEREAS, the PROJECT is a priority project approved by the Clark County
Regional Flood Control District on the FY91-92 Project List; and

WHEREAS, the PROJECT has regional flood control significance and is located
in the same hydrographic area as Clark County, the City of Henderson, the City
of Las Vegas, and the City of North Las Vegas.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements,
and promises of the parties hereto, the DISTRICT authorizes the CITY to proceed
with the design of this PROJECT as it is mutually understood and agreed as
follows:

SECTION I - SCOPE OF PROJECT

This INTERLOCAL CONTRACT applies to flood control facilities associated
with the Buffalo Channel. The PROJECT shall consist of the design of a section
of the Buffalo Channel from Summerlin Parkway to Vegas Drive. The DISTRICT
Master Plan designation of the PROJECT is "Buffalo Channel", Numbers G000344,
0394, 0395 Structure Number and is further identified and shown on the attached
Exhibit "A".

SECTION II- PROJECT COSTS

The DISTRICT agrees to provide funding for PROJECT costs within the limits
specified below:
1. Engineering design and Right-of-Way design of the Buffalo Channel from Summerlin Parkway to Vegas Drive at a cost not to exceed $110,000.

A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved to increase any of the amounts noted above prior to payment of any additional funds.

SECTION III - GENERAL

1. The title sheet of both the plans and the specifications shall show the Regional Flood Control District of Clark County as the funding agency.

2. The CITY will provide the DISTRICT with a PROJECT schedule indicating the anticipated dates for right-of-way acquisition, completion of final plans, specifications and estimates. This information shall be updated monthly.

3. The CITY will comply with the Local Purchasing Act, Chapter 332 of the Nevada Revised Statutes.

4. The CITY, its employees, and representatives shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed on the PROJECT.

5. The CITY will require appropriate performance bonds for the construction of the PROJECT.

6. The CITY shall provide impacted entities and the DISTRICT with the opportunity to provide the CITY with input relative to the following processes: scope of services development; consultant selection; design, construction and maintenance review; and monitoring of the effectiveness and impacts of facilities on flood flows.

7. Any and all applicable portions of the current editions of the DISTRICT's Policies and Procedures will apply in developing this PROJECT unless specifically superseded by this Contract.

8. Purchases of right-of-way in excess of that actually needed for construction will not be allowed unless a comparison between the cost of excess acquisition and needed acquisition, including damages, indicates that benefits from such a transaction would result. Title to residual property will be vested in the name of the CITY. Revenues derived from
the sale of these properties, less the cost of the sale of these properties, will be forwarded to the DISTRICT.

9. Administrative settlements and acceptance of counteroffers involving right-of-way may only be made following a review and approval by the DISTRICT.

10. The DISTRICT will make payment to the CITY, its contractor or its consultant each month for PROJECT costs as outlined in **SECTION II - PROJECT COSTS**. Invoices must identify and allocate all costs to the categories noted below:

a. Right-of-Way
   1. Design
   2. Surveying
   3. Appraisals
   4. Negotiations
   5. Land acquisition
   6. Legal fees, escrow, stamps, recording fees, etc.

b. Pre-design Engineering
   1. Planning activities related to pre-design reports
   2. Pre-design reports
   3. Drafting and plan preparation
   4. Material testing - exploration and investigations
   5. Surveying - location, topographic, alignment and cross sections
   6. Review and checking
   7. Identifiable PROJECT reproduction and printing costs

c. Design Engineering
   1. Design reports
   2. Design and specifications
   3. Drafting and plan preparation
   4. Material testing - exploration and investigation
   5. Surveying - location, topographic, alignment and cross sections
   6. Review and checking
7. Identifiable PROJECT reproduction and printing costs

d. Construction (all work after award of construction contract)
   1. Inspection
   2. Supervision
   3. Contractor payments
   4. Material testing - quality control
   5. Surveying - construction stakeout and control
   6. Force accounts
      i) Labor
      ii) Equipment
      iii) Materials

e. Operation and Maintenance
   1. Inspection
   2. Supervision
   3. Contractor payments
   4. Material testing
   5. Surveying
   6. Force accounts
      i) Labor
      ii) Equipment
      iii) Materials

11. Accurate documentation of all work performed and payments made will be
    maintained by the CITY for a period of three (3) years in hard copy form
    after final PROJECT approval and payment. Following the three year
    period, the CITY shall keep records for permanent storage in original form
    or in microfilm/fiche media.

12. The DISTRICT reserves the right to review and/or audit all records
    pertaining to all PROJECTS both during and after PROJECT completion.

13. The CITY will be responsible for any loss, damage, liability, cost or
    expense caused by the actions or inactions of its employees, consultants,
    contractors or agents arising under this Contract and hereby holds the
    DISTRICT harmless therefrom.
14. Any costs found to be improperly allocated to this PROJECT will be refunded by the CITY to the DISTRICT.

15. The CITY, as the administering agency, will provide the DISTRICT with the information required in NRS 543.580 and shall present that information orally to the Citizens' Advisory Committee, Technical Advisory Committee and the Board of Directors.

16. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to January 31, 1994. The DISTRICT may, at any time thereafter, grant extensions or terminate this Contract after thirty (30) days notice and may require all sums advanced to the CITY be repaid.

17. The CITY at its own discretion may use the services of a consultant for the completion of work identified in SECTION I - SCOPE OF THE PROJECT and the DISTRICT will not be a party to such an agreement. However, the use of any consultant will not entitle CITY to additional funds beyond that specified in SECTION II - PROJECT COSTS as hereinabove set forth.

18. The CITY will provide the DISTRICT with preliminary plans, specifications and estimates for review and comments.

IN WITNESS WHEREOF, this Interlocal Contract is hereby executed as of the date first set forth above.

DATE OF COUNCIL ACTION: CITY OF LAS VEGAS
BY: ____________________________

ATTEST: JAN LAVERTY JONES, MAYOR

KATHLEEN TIGHE, CITY CLERK

DATE OF DISTRICT ACTION: REGIONAL FLOOD CONTROL DISTRICT
BY: ____________________________

ATTEST: MICHAEL R. HARRIS, CHAIRMAN

DEANNA LEFKO, SECRETARY
APPROVED AS TO FORM:

BY: ____________________________

CHRISTOPHER FIGGINS
DEPUTY DISTRICT ATTORNEY
PRESENT INTERLOCAL AGREEMENT

CENTRAL LAS VEGAS VALLEY
PHASE 1, FACILITY No. 2
(ANGEL PARK/GOWAN DETENTION BASIN CONVEYANCE SYSTEM)

EXHIBIT A
CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:
Interlocal Contract - Gowan North Channel

PETITIONER:
City of Las Vegas

RECOMMENDATION OF PETITIONER:
That the District approve the Interlocal Contract for the Design of the Gowan North Channel.

FISCAL IMPACT:
Interlocal Contract $100,000 (Design and Right-of-Way)

BACKGROUND:
The City is prepared to begin construction of the Gowan Detention Basins and Outfall System. As part of the eventual build-out, the North Channel will convey flows from the northwest area of the Valley into this System. The City is prepared to initiate design upon availability of funding and the adoption of the Master Plan Update.

Respectfully submitted,

Richard D. Goecke, Director
Department of Public Works

TAC AGENDA
ITEM # 13
Date: 8-29-91

RFCD AGENDA
ITEM # 9
Date: 9-12-91
Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Staff Recommendation:

Approval of staff's recommendation

Discussion By ____________________________:

The City of Las Vegas is requesting $100,000 to fund the design and right-of-way engineering for the Gowan North Channel. The Gowan North Channel has been identified in the Las Vegas Valley Master Plan Update. The Las Vegas Valley Master Plan Update, once adopted as a Master Plan amendment, will allow for District funding of this facility.

The funding ($100,000) for this request is programmed on the JUNE 1992 PROJECT LIST approved by the Board on July 11, 1991.

Funds are available to cover the request. The District Attorney has reviewed the contract as to form.

Recommendation:

Approval subject to adoption of the Las Vegas Valley Master Plan Update by all entities in the hydrographic area.

Discussion By ____________________________:

Recommendation:

Discussion By ____________________________:

Recommendation:
AGENDA ITEM DEVELOPMENT

Staff Discussion: GOWAN NORTH CHANNEL - INTERLOCAL CONTRACT

The City of Las Vegas is requesting $100,000 to fund the design and right-of-way engineering for the Gowan North Channel. The Gowan North Channel has been identified in the Las Vegas Valley Master Plan Update. The Las Vegas Valley Master Plan Update, once adopted as a Master Plan amendment, will allow for District funding of this facility.

The funding ($100,000) for this request is programmed on the JUNE 1992 PROJECT LIST approved by the Board on July 11, 1991.

Comments on the Interlocal Contract request:

1. The Interlocal Contract must be changed to reflect the facility numbering system in the Las Vegas Valley Master Plan Update.

2. The signature section may be changed in accordance with the provisions of NRS 543.360 as amended.

Funds are currently not available to cover the $100,000 request.

The District Attorney is reviewing the contract as to form.

Recommendation:

Approval with the following conditions:
1. That City of Las Vegas submit a corrected Interlocal Contract (facility numbering and signatures) prior to Board Agenda deadline of September 3, 1991;
2. That the item be presented to the Board with a recommendation to hold until funding is available to cover the request; and
3. Subject to adoption of the Las Vegas Valley Master Plan Update by all entities in the hydrographic area.
INTERLOCAL CONTRACT
GOWAN NORTH CHANNEL

THIS INTERLOCAL CONTRACT, made and entered into this ______day of
_________ 1991, by and between the CLARK COUNTY REGIONAL FLOOD CONTROL
DISTRICT, created pursuant to [chapter 543] of the Nevada Revised Statutes,
hereinafter called the "DISTRICT", and the CITY OF LAS VEGAS, a municipal
corporation hereinafter called the "CITY".

WITNESSETH:

WHEREAS, pursuant to [chapter 543] of the Nevada Revised Statutes, the
DISTRICT may approve a Project to design and construct Flood Control
improvements; and

WHEREAS, the Project is a regional facility identified as the Gowan North
Channel, DISTRICT Master Plan Update Structure No. GON00046; and

WHEREAS, the Project is a Priority Project approved by the Board in their
Fiscal Year Project List and the CITY is prepared to undertake design at this
time; and

WHEREAS, the CITY is the lead entity and will perform those functions
identified in the DISTRICT'S "Policies and Procedures" and "Uniform Regulations
for Control of Drainage"; and

WHEREAS, the Project has Regional Flood Control significance and the CITY,
the CITY OF HENDERSON, the CITY OF NORTH LAS VEGAS and the COUNTY OF CLARK are
in the hydrographic area where the Project is located; and

WHEREAS, the DISTRICT desires to participate in funding the Project as
specified in SECTION II - PROJECT COSTS.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements
and promises of the parties hereto, the DISTRICT authorizes the CITY to proceed
with the design of the Project as it is mutually understood and agreed as
follows:

SECTION I - SCOPE OF PROJECT

This CONTRACT is for the design of Flood Control facilities for the Gowan
North Channel and Right-of-Way design (Exhibit "A").

...
SECTION II - PROJECT COSTS

The DISTRICT agrees to provide funding for Project costs within the limits specified below:

1. Initial design and Right-of-Way design at a cost not to exceed $100,000.
2. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved to increase any amounts noted above prior to the payment of any additional funds.

SECTION III - GENERAL

1. The title sheet of both the plans and the specifications shall show the Regional Flood Control District of Clark County as the funding agency.
2. The CITY will provide the DISTRICT with a Project schedule indicating the anticipated dates for right-of-way acquisition, completion of final plans, specifications and estimates. This information shall be updated monthly.
3. The CITY will comply with the Local Purchasing Act, Chapter 332 of the Nevada Revised Statutes.
4. The CITY, its employees and representatives shall at all times comply with all applicable laws, ordinances, statutes, rules and regulations in effect at the time work is performed on the Project.
5. The CITY will require appropriate performance bonds for the construction of the Project.
6. The CITY shall provide impacted entities and the DISTRICT with the opportunity to provide the CITY with input relative to the following processes: scope of services development; consultant selection; design, construction and maintenance review; and monitoring of the effectiveness and impacts of facilities on flood flows.
7. Any and all applicable portions of the current editions of the DISTRICT'S "Policies and Procedures" will apply in developing this Project unless specifically superseded by this CONTRACT.
8. Purchases of right-of-way in excess of that actually needed for
construction will not be allowed unless a comparison between the
cost of excess acquisition and needed acquisition, including
damages, indicates that benefits from such a transaction would
result. Title to residual property will be vested in the name of
the CITY. Revenues derived from the sale of these properties, less
the cost of the sale of these properties, will be forwarded to the
DISTRICT.

9. Administrative settlements and acceptance of counter-offers
involving right-of-way may only be made following a review and
approval by the DISTRICT.

10. The DISTRICT will make payment to the CITY, its contractor or its
consultant each month for Project costs as outlined in SECTION II.
PROJECT COSTS. Invoices must identify and allocate all costs to the
categories noted below:
   a. Right-of-Way
      1. Design
      2. Surveying
      3. Appraisals
      4. Negotiations
      5. Land acquisition
      6. Legal fees, escrow, stamps, recording fees, etc.
   b. Pre-design Engineering
      1. Planning activities related to pre-design reports
      2. Pre-design reports
      3. Drafting and plan preparation
      4. Material testing - exploration and investigations
      5. Surveying - location, topographic, alignment and cross
         sections
      6. Review and checking
      7. Identifiable Project reproduction and printing costs
   c. Design Engineering
      1. Design reports
d. Construction (all work after award of construction contract)

1. Inspection
2. Supervision
3. Contractor payments
4. Material testing - quality control
5. Surveying - construction stakeout and control
6. Force accounts
   i) Labor
   ii) Equipment
   iii) Materials

e. Operation and Maintenance

1. Inspection
2. Supervision
3. Contractor payments
4. Material testing
5. Surveying
6. Force accounts
   i) Labor
   ii) Equipment
   iii) Materials

11. Accurate documentation of all work performed and payments made will be maintained by the CITY for a period of three (3) years in hard copy form after final Project approval and payment. Following the three-year period, the CITY shall keep records for permanent storage in original form or in microfilm/fiche media.
12. The DISTRICT reserves the right to review and/or audit all records pertaining to all Projects both during and after Project completion.

13. The CITY will be responsible for any loss, damage, liability, cost or expense caused by the actions or inactions of its employees, consultants, contractors or agents arising under this CONTRACT and hereby holds the DISTRICT harmless therefrom.

14. Any costs found to be improperly allocated to this Project will be refunded by the CITY to the DISTRICT.

15. The CITY, as the administering agency, will provide the DISTRICT with the information required in NRS 543.580 and shall present that information orally to the Citizens' Advisory Committee, Technical Advisory Committee and the Board of Directors.

16. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to January 31, 1992. The DISTRICT may, at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice and may require all sums advanced to the CITY be repaid.

17. The CITY at its own discretion may use the services of a consultant for the completion of work identified in SECTION I - SCOPE OF PROJECT and the DISTRICT will not be a party to such an agreement. However, the use of any consultant will not entitle CITY to additional funds beyond that specified in SECTION II - PROJECT COSTS as hereinabove set forth.

18. The CITY will provide the DISTRICT with preliminary plans, specifications and estimates for review and comments.

IN WITNESS WHEREOF, this INTERLOCAL CONTRACT is hereby executed as of the date first set forth above.

DATE OF COUNCIL ACTION: CITY OF LAS VEGAS

______________________________

BY: __________________________

ATTEST: JAN LAVERTY JONES, MAYOR

KATHLEEN TIGHE, CITY CLERK
DATE OF DISTRICT ACTION: ____________________________

ATTEST: __________________________________________

DEANNA LEFKO, SECRETARY

APPROVED AS TO FORM:

BY: __________________________

CHRISTOPHER FIGGINS

DEPUTY DISTRICT ATTORNEY

REGIONAL FLOOD CONTROL DISTRICT

BY: __________________________

MICHAEL R. HARRIS, CHAIRMAN
CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:
Approval of Interlocal Contract - C-1 Channel System, Black Mountain Detention Basin, and Mission Hills Detention Basin.

PETITIONER:
City of Henderson

RECOMMENDATION OF PETITIONER:
Approve

FISCAL IMPACT: $600,000.00

BACKGROUND: The C-1 Channel system, which includes the Black Mountain Detention Basin and the Mission Hills Detention Basin, are facilities included in the Regional Flood Control District Master Plan Update and are identified as CICH 0174 to CICH 0997. A total of $6,000,000 for construction of these facilities is included on the approved bond project list. It is therefore imperative that the design of these projects be completed as soon as possible. The funding of the design is included on the approved June, 1992 project list.

Respectfully submitted,

Mark T. Cutler
Regional Flood Control District

AGENDA ITEM: DEVELOPMENT

Staff Discussion: C-1 CHANNEL SYSTEM (BLACK MOUNTAIN DETENTION BASIN & MISSION HILLS DETENTION BASIN) INTERLOCAL CONTRACT

Date: 9-3-91

The City of Henderson is requesting $600,000 to fund the design and right-of-way engineering for the C-1 Channel System which includes the Black Mountain and Mission Hills Detention Basins. The C-1 Channel System has been identified in the Las Vegas Valley Master Plan Update. The Las Vegas Valley Master Plan Update, once adopted as a Master Plan amendment, will allow for District funding of this facility.

The funding ($600,000) for this request is programmed on the JUNE 1992 PROJECT LIST approved by the Board on July 11, 1991. Funding for the construction ($6,000,000) of part of this project is identified on the BOND PROJECT LIST approved by the Board on July 11, 1991.

Funds are available to cover the request. The District Attorney has reviewed the contract as to form.

Staff Recommendation:
Approval subject to adoption of the Las Vegas Valley Master Plan Update by all entities in the hydrographic area.

AGENDA

Discussion By ____________________:

Recommendation:

AGENDA

Discussion By ____________________:

Recommendation:

AGENDA

Discussion By ____________________:

Recommendation:
The City of Henderson is requesting $600,000 to fund the design and right-of-way engineering for the C-1 Channel System which includes the Black Mountain and Mission Hills Detention Basins. The C-1 Channel System has been identified in the Las Vegas Valley Master Plan Update. The Las Vegas Valley Master Plan Update, once adopted as a Master Plan amendment, will allow for District funding of this facility.

The funding ($600,000) for this request is programmed on the JUNE 1992 PROJECT LIST approved by the Board on July 11, 1991. Funding for the construction ($6,000,000) of part of this project is identified on the BOND PROJECT LIST approved by the Board on July 11, 1991.

Funds are currently not available to cover the $600,000 request.

The District Attorney is reviewing the contract as to form.

**Recommendation:**

Approval with the following conditions:

1. That the item be presented to the Board with a recommendation to hold until funding is available to cover the request; and
2. Subject to adoption of the Las Vegas Valley Master Plan Update by all entities in the hydrographic area.
INTERLOCAL CONTRACT
BLACK MOUNTAIN DETENTION BASIN, MISSION HILLS DETENTION BASIN AND C-1 CHANNEL

THIS INTERLOCAL CONTRACT, made and entered into as of this __________ day of __________, 1991, by and between the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, created pursuant to Chapter 543 of the Nevada Revised Statutes, hereinafter referred to as "DISTRICT"; and the City of Henderson, a municipal corporation, hereinafter referred to as the "CITY".

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements; and

WHEREAS, the project is further identified and shown on the attached Exhibit A.

WHEREAS, the project is a regional facility described in the DISTRICT Master Plan Update as structure numbers C1CH 0174 to C1CH 0997, hereinafter referred to as "PROJECT"; and

WHEREAS, the PROJECT is a priority project approved by the Clark County Regional Flood Control District Board on the June 1992 Project List; and

WHEREAS, the PROJECT has regional flood control significance and is located within the Las Vegas Valley hydrographic area.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises of the parties hereto, the DISTRICT authorizes the CITY to proceed
with the design and acquisition of rights-of-way for this PROJECT as it is mutually understood and agreed as follows:

SECTION I - SCOPE OF PROJECT

This contract is for the design and acquisition of rights-of-way for this PROJECT, which shall consist of general excavation, embankments, debris control devices, and related appurtenances. The design and acquisition of rights-of-way will be funded by the DISTRICT as herein described. This PROJECT is further identified and shown on the attached Exhibit "A".

SECTION II - PROJECT COSTS

The DISTRICT agrees to provide funding for project costs within the limits specified below:

1. Preparation of right-of-way drawings, descriptions, title reports, right-of-way engineering, surveys, appraisals, and negotiations at a cost not to exceed $50,000.

2. Engineering, drafting, preparation of contract documents, surveys, and geotechnical investigations at a cost not to exceed $550,000.

3. The total cost of this contract shall not exceed $600,000 which includes all work listed in paragraphs 1 and 2 above.

A written request must be made to the DISTRICT and a supplemental interlocal contract approved to increase any of the amounts noted above prior to payment of any additional funds.

SECTION III - GENERAL

1. The title sheet of both the plans and the specifications shall show the Regional Flood Control District of Clark County as the funding agency.
2. The CITY will provide the DISTRICT with a project schedule indicating the anticipated dates for rights-of-way acquisition, completion of final plans, specifications, and estimates. This information shall be updated monthly.

3. The CITY will comply with the Local Purchasing Act, Chapter 332 of the Nevada Revised Statutes.

4. The CITY, its employees, and representatives shall, at all times, comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed on the PROJECT.

5. The CITY will require appropriate financial security for the construction of the PROJECT.

6. The CITY shall provide impacted entities and the DISTRICT with the opportunity to provide input relative to development, consultant selection, design, construction, and maintenance review, and monitoring of the effectiveness and impact of facilities on flood flows.

7. Any and all applicable portions of the current editions of the DISTRICT's policies and procedures will apply in developing this PROJECT unless specifically superseded by this Agreement.

8. Purchases of rights-of-way in excess of that actually needed for construction will not be allowed unless a comparison between the cost of excess acquisition and needed acquisition, including damages, indicates that benefits from such a transaction would result. Title to residual property will be vested in the name of the CITY. Revenues derived from the sale of these properties, less
the cost of the sale of these properties, will be forwarded to the
DISTRICT.

9. Administrative settlements and acceptance of counter offers
involving rights-of-way may only be made following a review and
approval by the DISTRICT.

10. The DISTRICT will make payments to the CITY, its contractors, or its
consultant each month for project costs as outlined in SECTION II -
PROJECT COSTS. Invoices must identify and allocate all costs to the
categories noted below:

a. Right-of-Way
   1. Design
   2. Surveying
   3. Appraisals
   4. Negotiations
   5. Land acquisition
   6. Legal fees, escrow, stamps, recording fees, etc.

b. Pre-Design Engineering
   1. Design reports
   2. Design and specifications
   3. Drafting and plan preparation
   4. Material testing - exploration and investigation
   5. Surveying - location, topographic, alignment, and cross
      sections
   6. Review and checking
   7. Identifiable project reproduction and printing costs

4 of 7
c. Design Engineering
   1. Design reports
   2. Design and specifications
   3. Drafting and plan preparation
   4. Material testing - exploration and investigation
   5. Surveying - location, topographic, alignment and cross sections
   6. Review and checking
   7. Identifiable project reproduction and printing costs

d. Construction (all work after award of construction contract)
   1. Inspection
   2. Supervision
   3. Contractor payments
   4. Material testing - quality control
   5. Surveying - construction stakeout and control
   6. Force accounts:
      i. Labor
      ii. Equipment
      iii. Materials

e. Operation and Maintenance
   1. Inspection
   2. Supervision
   3. Contractor payments
   4. Material testing
   5. Surveying

5 of 7
6. Force accounts:
   i. Labor
   ii. Equipment
   iii. Materials

11. Accurate documentation of all work performed and payments made will be maintained by the CITY for a period of three (3) years in hard copy form after final project approval and payment. Following the three year period, the CITY shall keep records for permanent storage in original form or in microfilm/fiche media.

12. The DISTRICT reserves the right to review and/or audit all records pertaining to all projects both during and after project completion.

13. The CITY will be responsible for any loss, damage, liability, cost, or expense caused by the actions or inactions of its employees, consultants, contractors, or agents arising under this Agreement and hereby holds the DISTRICT harmless therefrom.

14. Any costs found to be improperly allocated to this project will be refunded by the CITY to the DISTRICT.

15. The CITY, as the administering agency, will provide the DISTRICT with the information required in NRS 543.580 and shall present that information orally to the Citizen’s Advisory Committee, the Technical Advisory Committee, and the Board of Directors.

16. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to July 1, 1992. The DISTRICT may, at any time thereafter, grant extensions or terminate this Agreement after thirty (30) days' notice and may require all sums advanced to the CITY be repaid.
17. The CITY, at its own discretion, may use the services of a consultant for the completion of work identified in **SECTION I - SCOPE OF PROJECT** and the DISTRICT will not be a party to such an agreement. However, the use of any consultant will not entitle the CITY to additional funds beyond that specified in **SECTION II - PROJECT COSTS** as hereinabove set forth.

18. The CITY will provide the DISTRICT with preliminary plans, specifications, and estimates for review and comments.

*******************************************************************************
Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

__________________________________________________________
MICHAEL R. HARRIS, Chairman

ATTEST:

________________________________
DEANNA LEFKO, Secretary

Approved as to Form:

________________________________
CHRISTOPHER FIGGINS
Deputy District Attorney

Date of Council Action: CITY OF HENDERSON

________________________________
LORNA KESTERSON, Mayor

________________________________
DOROTHY VON DENERINK, City Clerk

7 of 7
CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:
STATUS REPORTS ON MAINTENANCE WORK PLANS

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

RECOMMENDATION OF PETITIONER:
THAT THE BOARD REVIEW THE REPORTS AND DIRECT STAFF TO TAKE ACTION AS DEEMED APPROPRIATE

FISCAL IMPACT:
NONE

BACKGROUND:
At the June 1991 meeting, the Board authorized the General Manager to extend the performance period in the Interlocal Contracts for maintenance with the Cities and the County for a period of three months. This action extended the completion date to September 30, 1991.

Chairman Harris has requested that the entities submit quarterly reports on their progress in completing work outlined under the maintenance work plans. Status reports for each entity have been attached for your review.

Respectfully submitted,

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

TAC AGENDA
ITEM # 7
Date: 8-29-91

RFCD AGENDA
ITEM # 11
Date: 9-12-91
Staff Discussion:
MAINTENANCE WORK PLANS - STATUS REPORT

See agenda item

Staff Recommendation:
None

Discussion By TAC:  
It is requested that the Interlocal Contracts for the Maintenance Work Plans (MWP) for FY 91/92 be prepared by the entities for the TAC meeting in September.

Recommendation:
Accept the MWP status reports

Discussion By CAC:  

Recommendation:
Accept the MWP status reports

Discussion By:  

Recommendation:
MEMORANDUM

TO: DISTRIBUTION

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

SUBJECT: QUARTERLY MAINTENANCE REPORTS FOR THE BOARD INTERLOCAL CONTRACTS FOR 91-92 MWP

DATE: AUGUST 7, 1991

At the June 1991 meeting, the Board directed the entities to prepare quarterly reports on the status of maintenance on flood control facilities funded under the Maintenance Work Plan (MWP) for each entity. The first quarterly report is due for the September Board meeting. The agenda deadline for these items to appear on the August TAC agenda is Tuesday, August 13, 1991 at 5:00 p.m.

MWPs, and the interlocal contracts to provide funding for the work covered under the MWPs, were due by August 6, 1991. Since only one interlocal contract and only two MWPs were received, I would suggest that we hold the MWPs and corresponding interlocal contracts until the October Board meeting and the September TAC meeting. The agenda deadline for interlocal contracts to appear on the September TAC agenda is Tuesday, September 10, at 5:00 p.m.

I would appreciate having receipt of your MWP status reports by Tuesday, August 13, 1991, at 5:00 p.m. Please call if you have any questions regarding this reminder.

DISTRIBUTION: TAC Members
Michael Pullen, Clark County Public Works
Larry Haugness, City of Las Vegas Public Works
Curt Chandler, City of Henderson Public Works
Tom Chiatovich, City of Las Vegas Public Works
Ed Waymeyer, Clark County Public Works
Larry McCutcheon, City of North Las Vegas Public Works
Ellen Keller, CCRFCD
Deanna Lefko, CCRFCD

VBV: fmm
DIST8-7: DISK18

MWP's
August 14, 1991

Clark County Regional Flood Control District
ATTN: Virginia Bax-Valentine, P.E.,
    General Manager/Chief Engineer
301 E. Clark Avenue, Suite 301
Las Vegas, NV 89101

Dear Ms. Bax-Valentine:

Please be advised that the City of North Las Vegas has submitted to the Clark County Regional Flood Control District, the City's Interlocal Contract and 1991-92 Maintenance Work Plan.

Further, the City has completed all maintenance work funded by the 1990-91 Maintenance Work Plan and submitted draw down requests for these projects as follows:

**Project: Las Vegas Wash North Reach**

- Inspected all master plan designated channels $612
- Cleaned and flushed RCB's @ Cheyenne $230
- Cleaned and flushed RCB's @ Gowan $350
- Cleaned and flushed RCB's @ I-15 $230

**Project: Las Vegas Wash**

- Inspected all master plan designated channels $153
- Cleaned and flushed RCB's @ E. Lake Mead Blvd. $815
- Cleaned and flushed RCB's @ Carey Avenue $580
- Cleaned and flushed RCB's @ Las Vegas Blvd. North $580

**Project: Northern Tributary of NW Tributaries of the Las Vegas Wash**

- Inspected all Master Plan designated channels $255
Cleaned and flushed RCB's @ Cheyenne Ave. $ 580

**Project: North Las Vegas Detention Basin**

- Cleaned debris trash and silt from bottom of detention basin $ 590
- Repaired vandalized outfall structure (By Contractor) $ 74,550

**Project: Miscellaneous Complaint Responses**

- Repaired vandalized flood control flapper valve $ 302
- Repaired vandalized chain link fences at various locations $ 1,068

**TOTAL EXPENDED** $ 79,685

If you have any questions, please contact this office.

Sincerely,

Larry K. McCutchen  
Superintendent of Utilities

LKM/cc

cc: Gary W. Holler
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Las Vegas  
DATE PREPARED: 7/22/91

REVIEW PERIOD FROM: 4/29/91 TO: 7/22/91

PROJECT: No. 1 Las Vegas Wash, Charleston to Stewart

DESCRIPTION: Clean and reshape the channel, repair erosion damage, and repair inlet and outflow structures within the channel.

PERCENT COMPLETE: 5%  
ESTIMATED COST OF PROJECT: $ 170,000

MAINTENANCE INCLUDES CONTRACT ADMIN

SCHEDULE FOR COMPLETION:

DESIGN June 20, 1991
R/W CLEARANCE N/A
ENVIR CLEARANCES N/A
BIDS OPEN July 9, 1991
MAINTENANCE START DATE July - 1991
MAINTENANCE COMPLETE September - 1991

CONSULTANT/PROJECT MANAGER: N/A

CONSTRUCTION PRIME CONTRACTOR: Boulder Construction

DELAYS OR PROBLEMS AREA:

WORK COMPLETED DURING CURRENT MONTH:
Design completed 6/20/91
Bid advertised 6/91, Bid opened 7/91
City Council approved 7/91
Bid awarded 7/17/91

WORK TO BE COMPLETED DURING NEXT MONTH:
Begin Construction.
Complete Construction 9/30/91

PROJECT MANAGER: Joe Christensen, PE  
PHONE #: 229-2212
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Las Vegas DATE PREPARED: 07/30/91

REVIEW PERIOD FROM: 04/29/91 TO: 07/30/91

PROJECT: Maintenance No. 2 Washington Avenue Channel, Bruce to Lamb

DESCRIPTION: Clean and reshape the channel, provide vegetation control, repair lined channel and provide/maintain erosion control.

PERCENT COMPLETE: 60% ESTIMATED COST OF PROJECT: $41,000

MAINTENANCE SCHEDULE FOR COMPLETION:

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<tr>
<td>MAINTENANCE COMPLETE</td>
<td>09/30/91</td>
</tr>
</tbody>
</table>

CONSULTANT/PROJECT MANAGER: N/A

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:

None

WORK COMPLETED TO DATE:

Has been sprayed, invoice pending.

WORK TO BE COMPLETED DURING NEXT 2 MONTHS:

Begin erosion repair.

PROJECT MANAGER: Larry Haugsness PHONE #: 229-6227
ENTITY: City of Las Vegas      DATE PREPARED: 07/30/91

REVIEW PERIOD FROM: 04/29/91 TO: 07/30/91

PROJECT: Maintenance No. 3 Meadows Detention Basin and Discharge Channel

DESCRIPTION: Clean and inspect the detention basin and repair the lined channel.

PERCENT COMPLETE: N/A %     ESTIMATED COST OF PROJECT: $16,000

MAINTENANCE SCHEDULE FOR COMPLETION:

(dates)

DESIGN N/A
R/W CLEARANCE N/A
ENVIR CLEARANCES N/A
BIDS OPEN N/A
MAINTENANCE START DATE 12/90
MAINTENANCE COMPLETE 09/30/91

CONSULTANT/PROJECT MANAGER: N/A

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:
None

WORK COMPLETED TO DATE:
Has been cleaned 3 times, invoice prepared.

WORK TO BE COMPLETED DURING ENSUING MONTHS:
Clean basin and channel after every rain event.

PROJECT MANAGER: Larry Haugsness    PHONE #: 229-6227
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 07/30/91

REVIEW PERIOD FROM: 04/29/91 TO: 07/30/91

PROJECT: Maintenance No. 4 Expressway Channel, Rancho to Martin Luther King

DESCRIPTION: Clean and inspect the channel.

PERCENT COMPLETE: N/A %

ESTIMATED COST OF PROJECT: $6,000

MAINTENANCE SCHEDULE FOR COMPLETION:

DESIGN N/A
R/W CLEARANCE N/A
ENVIR CLEARANCES N/A
BIDS OPEN N/A
MAINTENANCE START DATE 12/90
MAINTENANCE COMPLETE 09/30/91

CONSULTANT/PROJECT MANAGER: N/A
CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:
None

WORK COMPLETED TO DATE:

Cleaned once, invoice prepared.

PROJECT MANAGER: Larry Haugsness
PHONE #: 229-6227

WORK TO BE COMPLETED DURING NEXT 2 MONTHS:

Clean after rain event.
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Las Vegas
DATE PREPARED: 07/30/91

REVIEW PERIOD FROM: 04/29/91 TO: 07/30/91

PROJECT: Maintenance No. 5 Angel Park Detention Basin (south half)
DESCRIPTION: Clean and inspect the detention basin.

PERCENT COMPLETE: N/A % ESTIMATED COST OF PROJECT: $ 9,000

MAINTENANCE SCHEDULE FOR COMPLETION:
(dates)

- DESIGN N/A
- R/W CLEARANCE N/A
- ENVIR CLEARANCES N/A
- BIDS OPEN N/A
- MAINTENANCE START DATE 12/90
- MAINTENANCE COMPLETE 09/30/91

CONSULTANT/PROJECT MANAGER: N/A
CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:
None

WORK COMPLETED TO DATE:
Started silt clean up.

WORK TO BE COMPLETED DURING NEXT MONTH:
Finish silt clean up.

PROJECT MANAGER: Larry Haugsness
PHONE #: 386-6227
September 3, 1991

Ms. Virginia Bax-Valentine
Clark County Regional Flood Control District
301 East Clark, Suite 301
Las Vegas, Nevada 89101

RE: CITY OF HENDERSON PROJECT STATUS REPORTS

Dear Ms. Bax-Valentine:

Attached are the status reports for the Regional Flood Control District flood control projects within the City of Henderson for the month of August, 1991.

Sincerely,

Curt Chandler, P.E.
Land Development Manager

cc: Mark Calhoun, Director of Public Works
    Councilman Mike Harris

/in
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY  City of Henderson          DATE  September 3, 1991

REVIEW PERIOD FROM:  July 31, 1991  TO:  August 31, 1991

PROJECT:  Channel Maintenance - C-1 Channel

DESCRIPTION:  Maintenance of Regional channels under Interlocal Agreement.

PERCENT COMPLETE:  100%  ESTIMATED COST OF PROJECT:  $32,000.00

SCHEDULE FOR COMPLETION:

   (dates)

   DESIGN  Complete
   R/W CLEARANCES  N/A
   ENVIR CLEARANCES  N/A
   BIDS OPEN  N/A
   START CONSTRUCTION  Complete
   CONSTRUCTION COMPLETE  Complete

CONSULTANT/PROJECT MANAGER:  None

CONSTRUCTION PRIME CONTRACTOR:  None

DELAYS OR PROBLEM AREAS:
   None

WORK COMPLETED DURING CURRENT MONTH:
   None

WORK TO BE COMPLETED DURING NEXT MONTH:
   Submit 1992 Interlocal Contract for maintenance to CCRFCD.

PROJECT MANAGER:  Curt Chandler  PHONE #  565-2329

form -psr 10/26/90
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Henderson

DATE: September 3, 1991

REVIEW PERIOD FROM: July 31, 1991 TO: August 31, 1991

PROJECT: Channel Maintenance - Duck Creek Channel

DESCRIPTION: Maintenance of Regional channels under Interlocal Agreement.

PERCENT COMPLETE: 100%

ESTIMATED COST OF PROJECT: $15,000.00

SCHEDULE FOR COMPLETION:

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DESIGN
R/W CLEARANCES
ENVIR CLEARANCES
BIDS OPEN
START CONSTRUCTION: July, 1991
CONSTRUCTION COMPLETE: August, 1991

CONSULTANT/PROJECT MANAGER: None

CONSTRUCTION PRIME CONTRACTOR: None

DELAYS OR PROBLEM AREAS:
None.

WORK COMPLETED DURING CURRENT MONTH:
Completed.

WORK TO BE COMPLETED DURING NEXT MONTH:
Submit 1992 Interlocal Contract for maintenance to CCRFCD.

PROJECT MANAGER: Curt Chandler
PHONE # 565-2329

form -psr 10/26/90
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY City of Henderson DATE September 3, 1991

REVIEW PERIOD FROM: July 31, 1991 TO: August 31, 1991

PROJECT: Channel Maintenance - Gibson Channel

DESCRIPTION: Maintenance of Regional channels under Interlocal Agreement.

PERCENT COMPLETE: 100 % ESTIMATED COST OF PROJECT: $5,000.00

SCHEDULE FOR COMPLETION:

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<td>START CONSTRUCTION</td>
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<td>CONSTRUCTION COMPLETE</td>
<td>August, 1991</td>
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</table>

CONSULTANT/PROJECT MANAGER: None

CONSTRUCTION PRIME CONTRACTOR: None

DELAYS OR PROBLEM AREAS:
None.

WORK COMPLETED DURING CURRENT MONTH:
Cleaning of Channel completed.

WORK TO BE COMPLETED DURING NEXT MONTH:
Submit 1992 Interlocal Contract for maintenance to CCRFCD.

PROJECT MANAGER: Curt Chandler PHONE # 565-2329
form -psr 10/26/90
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY City of Henderson DATE September 3, 1991
REVIEW PERIOD FROM: July 31, 1991 TO: August 31, 1991
PROJECT: Channel Maintenance - Mission Hills Channel
DESCRIPTION: Maintenance of Regional channels under Interlocal Agreement.
PERCENT COMPLETE: 100 % ESTIMATED COST OF PROJECT: $7,000.00

SCHEDULE FOR COMPLETION:
DATES)
DESIGN Complete
R/W CLEARANCES N/A
ENVIR CLEARANCES N/A
BIDS OPEN N/A
START CONSTRUCTION N/A
CONSTRUCTION COMPLETE July, 1991

CONSULTANT/PROJECT MANAGER: None
CONSTRUCTION PRIME CONTRACTOR: None

DELAYS OR PROBLEM AREAS:
None.

WORK COMPLETED DURING CURRENT MONTH:
None

WORK TO BE COMPLETED DURING NEXT MONTH:
Submit 1992 Interlocal Contract for maintenance to CCRFCD.

PROJECT MANAGER: Curt Chandler PHONE # 565-2329
form -psr 10/26/90
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY City of Henderson  DATE September 3, 1991

REVIEW PERIOD FROM: July 31, 1991 TO: August 31, 1991

PROJECT: Channel Maintenance - Pittman Wash Channel

DESCRIPTION: Maintenance of Regional channels under Interlocal Agreement.

PERCENT COMPLETE: 100%  ESTIMATED COST OF PROJECT: $45,000.00

SCHEDULE FOR COMPLETION:

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CONSULTANT/PROJECT MANAGER: None

CONSTRUCTION PRIME CONTRACTOR: None

DELAYS OR PROBLEM AREAS:
None

WORK COMPLETED DURING CURRENT MONTH:
None

WORK TO BE COMPLETED DURING NEXT MONTH:
Submit 1992 Interlocal contract for maintenance to CCRFCD.

PROJECT MANAGER: Curt Chandler  PHONE # 565-2329

form -psr 10/26/90
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY City of Henderson DATE September 3, 1991

REVIEW PERIOD FROM: July 31, 1991 TO: August 31, 1991

PROJECT: Channel Maintenance - UPRR Channel

DESCRIPTION: Maintenance of Regional channels under Interlocal Agreement.

PERCENT COMPLETE: 100 % ESTIMATED COST OF PROJECT: $20,000.00

SCHEDULE FOR COMPLETION:
(dates)

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<tr>
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</table>

CONSULTANT/PROJECT MANAGER: None

CONSTRUCTION PRIME CONTRACTOR: None

DELAYS OR PROBLEM AREAS:
None

WORK COMPLETED DURING CURRENT MONTH:
None

WORK TO BE COMPLETED DURING NEXT MONTH:
Submit 1992 Interlocal Contract for maintenance to CCRFCD.

PROJECT MANAGER: Curt Chandler PHONE # 565-2329
form -psr 10/26/90
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Henderson
DATE: September 3, 1991

REVIEW PERIOD FROM: July 31, 1991 TO: August 31, 1991

PROJECT: Channel Maintenance - Sandwedge Channel

DESCRIPTION: Maintenance of Regional channels under Interlocal Agreement.

PERCENT COMPLETE: 100 % ESTIMATED COST OF PROJECT: $12,000.00

SCHEDULE FOR COMPLETION:
(dates)

DESIGN Complete
R/W CLEARANCES N/A
ENVIR CLEARANCES N/A
BIDS OPEN N/A
START CONSTRUCTION July, 1991
CONSTRUCTION COMPLETE July, 1991

CONSULTANT/PROJECT MANAGER: None

CONSTRUCTION PRIME CONTRACTOR: None

DELAYS OR PROBLEM AREAS:
None

WORK COMPLETED DURING CURRENT MONTH:
None

WORK TO BE COMPLETED DURING NEXT MONTH:
Submit 1992 Interlocal Contract for maintenance to CCRFCD.

PROJECT MANAGER: Curt Chandler PHONE # 565-2329
form -psr 10/26/90
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Mesquite DATE PREPARED: 8-13-91

REVIEW PERIOD FROM: TO: 8-13-91

PROJECT: Abbott Wash

DESCRIPTION: Interlocal Contract Annual Maintenance Program

PERCENT COMPLETE: 95% ESTIMATED COST OF PROJECT: $17,943

SCHEDULE FOR COMPLETION:

<table>
<thead>
<tr>
<th>DESIGN</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>R/W CLEARANCES</td>
<td>Not applicable</td>
</tr>
<tr>
<td>ENVIR CLEARANCES</td>
<td>Not applicable</td>
</tr>
<tr>
<td>BIDS OPEN</td>
<td>Not applicable</td>
</tr>
<tr>
<td>START CONSTRUCTION</td>
<td>July 24</td>
</tr>
<tr>
<td>CONSTRUCTION COMPLETE</td>
<td>August 15</td>
</tr>
</tbody>
</table>

CONSULTANT/PROJECT MANAGER: Crescent Hardy

CONSTRUCTION PRIME CONTRACTOR: 

DELAYS OR PROBLEMS AREAS:

NONE

WORK COMPLETED DURING CURRENT MONTH:

Extraction of all vegetation and rubbish. All removed from site. Also repair of erosion damage.

WORK TO BE COMPLETED DURING NEXT MONTH:

Other interlocal contract maintenance program areas.

PROJECT MANAGER: Crescent Hardy

PHONE #: 346-5295

form -psr 10/26/90
Provided for your information is a copy of our quarterly report of the Clark County Regional Flood Control District's maintenance work program for 1990/1991.

Should you have any additional questions or concerns, please let me know.

EW:ss

cc: Michael O. Pullen
    John N. Murdoch
REGIONAL FLOOD CONTROL DISTRICT'S  
1990 - 1991 MAINTENANCE WORK PROGRAM

QUARTERLY STATUS REPORT

IN-HOUSE PROJECTS

<table>
<thead>
<tr>
<th>PROJECT NAME</th>
<th>TOTAL COST</th>
<th>SPENT TO DATE</th>
<th>PERCENT COMPLETE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flamingo Wash</td>
<td>$65,516</td>
<td>$64,033</td>
<td>100%</td>
</tr>
<tr>
<td>Las Vegas Wash (1)</td>
<td>-0-</td>
<td>-0-</td>
<td>-0-</td>
</tr>
<tr>
<td>Duck Creek</td>
<td>9,958</td>
<td>9,950</td>
<td>100%</td>
</tr>
<tr>
<td>Sloan Channel</td>
<td>7,091</td>
<td>7,146</td>
<td>100%</td>
</tr>
<tr>
<td>Las Vegas Range Wash</td>
<td>7,008</td>
<td>4,663</td>
<td>67%</td>
</tr>
<tr>
<td>Tropicana Wash (1)</td>
<td>-0-</td>
<td>-0-</td>
<td>-0-</td>
</tr>
<tr>
<td>Airport Channel</td>
<td>1,305</td>
<td>93</td>
<td>7%</td>
</tr>
<tr>
<td>I on Channel</td>
<td>3,312</td>
<td>2,551</td>
<td>77%</td>
</tr>
<tr>
<td>Rawhide Channel (1)</td>
<td>-0-</td>
<td>-0-</td>
<td>-0-</td>
</tr>
<tr>
<td>Van Buskirk Channel</td>
<td>5,844</td>
<td>584</td>
<td>10%</td>
</tr>
<tr>
<td>Flamingo Wash North Fork</td>
<td>268</td>
<td>336</td>
<td>100%</td>
</tr>
<tr>
<td>Red Rock Detention Basin</td>
<td>3,004</td>
<td>3,835</td>
<td>100%</td>
</tr>
<tr>
<td>Storm Drains (2)</td>
<td>-0-</td>
<td>-0-</td>
<td>-0-</td>
</tr>
<tr>
<td>RFCD's Maintenance Prog.</td>
<td>9,744</td>
<td>8,074</td>
<td>83%</td>
</tr>
</tbody>
</table>

IN-HOUSE TOTAL $113,050 $100,681

(1) Funds combined for roto axe clearing project on Duck Creek.
(2) Funds shifted to RFCD's Maintenance Program supervision.
REGIONAL FLOOD CONTROL DISTRICT'S
1990 - 1991 MAINTENANCE WORK PROGRAM

QUARTERLY STATUS REPORT

ANNUAL BID PROJECTS

<table>
<thead>
<tr>
<th>PROJECT NAME</th>
<th>TOTAL COST</th>
<th>PERCENT COMPLETE</th>
<th>ESTIMATED START DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clearing &amp; Grubbing of RFCD's facilities</td>
<td>$324,563</td>
<td>0%</td>
<td>8-19-91</td>
</tr>
<tr>
<td>Maintenance repair of fencing (1)</td>
<td>27,387</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>Inspection of channels (2)</td>
<td>10,000</td>
<td>0%</td>
<td>8-30-91</td>
</tr>
<tr>
<td>Supervision of annual bid projects (3)</td>
<td>25,000</td>
<td>0%</td>
<td>8-19-91</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$386,950</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(1) Awaiting Purchasing's approval of bid
(2) Awaiting bid prices
(3) In-house costs
REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: Boulder City

DATE PREPARED: 8/7/91

REVIEW PERIOD FROM: July 1 - July 31, 1991

PROJECT: Annual Maintenance Program (Buchanan Channel from Adams to Georgia Avenue)

DESCRIPTION: Major repairs to inlet of channel and remove debris from channel section

PERCENT COMPLETE: 100% ESTIMATED COST OF PROJECT: $30,630.00

SCHEDULE OF COMPLETION:

<table>
<thead>
<tr>
<th></th>
<th>(dates)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESIGN</td>
<td>N/A</td>
</tr>
<tr>
<td>R/W CLEARANCES</td>
<td>N/A</td>
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<tr>
<td>ENVIR CLEARANCES</td>
<td>N/A</td>
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<tr>
<td>BIDS OPEN</td>
<td>5/16/91</td>
</tr>
<tr>
<td>START CONSTRUCTION</td>
<td>6/10/91</td>
</tr>
<tr>
<td>CONSTRUCTION COMPLETE</td>
<td>8/13/91</td>
</tr>
</tbody>
</table>

CONSULTANT/PROJECT MANAGER: City

CONSTRUCTION PRIME CONTRACTOR: ACME Underground

DELAYS OR PROBLEMS AREAS:

NONE

WORK TO BE COMPLETED DURING CURRENT MONTH:

Reconstruction Completed.

WORK TO BE COMPLETED DURING NEXT MONTH:

Final inspection and approval.

PROJECT MANAGER: Phillip T. Henry

PHONE #: 293-9200
REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: Boulder City DATE PREPARED: 8/7/91
REVIEW PERIOD FROM: July 1 - July 31, 1991

PROJECT: Annual Maintenance Program (Airport Channels)

DESCRIPTION: Clean and reshape channel section and repair eroded areas and detention basins.

PERCENT COMPLETE: 95% ESTIMATED COST OF PROJECT: $2,555.00

SCHEDULE OF COMPLETION:

<table>
<thead>
<tr>
<th>DESIGN</th>
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<tr>
<td>R/W CLEARANCES</td>
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<td>ENVIR CLEARANCES</td>
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<tr>
<td>BIDS OPEN</td>
<td>N/A</td>
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<tr>
<td>START CONSTRUCTION</td>
<td>5/1/91</td>
</tr>
<tr>
<td>CONSTRUCTION COMPLETE</td>
<td>8/15/91</td>
</tr>
</tbody>
</table>

CONSULTANT/PROJECT MANAGER: N/A
CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREAS:

NONE

WORK TO BE COMPLETED DURING CURRENT MONTH:

Clean channel sections and inlets/outlets structures of sediment, vegetation and domestic trash; clean and flush drains.

WORK TO BE COMPLETED DURING NEXT MONTH:

Continue cleaning channels.

PROJECT MANAGER: Phillip T. Henry PHONE #: 293-9200
REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: Boulder City  DATE PREPARED: 8/7/91
REVIEW PERIOD FROM: July 1 - July 31, 1991

PROJECT: Annual Maintenance Program (Georgia Concrete Channel)

DESCRIPTION: Clean channel, side drains, inlets and crossings

PERCENT COMPLETE: 10% ESTIMATED COST OF PROJECT: $3,756.00

SCHEDULE OF COMPLETION:
(dates)

DESIGN N/A

RW CLEARANCES N/A

ENVIR CLEARANCES N/A

BIDS OPEN N/A

START CONSTRUCTION 5/1/91

CONSTRUCTION COMPLETE 9/20/91

CONSULTANT/PROJECT MANAGER: N/A

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREAS:

NONE

WORK TO BE COMPLETED DURING CURRENT MONTH:

Flush side drains, clean channel and crossings of sediment, vegetation and domestic trash.

WORK TO BE COMPLETED DURING NEXT MONTH:

Complete work.

PROJECT MANAGER: Phillip T. Henry  PHONE #: 293-9200
REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: Boulder City DATE PREPARED: 8/7/91
REVIEW PERIOD FROM: July 1 - July 31, 1991

PROJECT: Annual Maintenance Program (Gingerwood Wash)

DESCRIPTION: Clean and flush channel, inlets and drain pipes

PERCENT COMPLETE: 20% ESTIMATED COST OF PROJECT: $2,714.00

SCHEDULE OF COMPLETION:

<table>
<thead>
<tr>
<th>DESIGN</th>
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<tbody>
<tr>
<td>RW CLEARANCES</td>
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<tr>
<td>ENVIR CLEARANCES</td>
<td>N/A</td>
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<tr>
<td>BIDS OPEN</td>
<td>N/A</td>
</tr>
<tr>
<td>START CONSTRUCTION</td>
<td>5/1/91</td>
</tr>
<tr>
<td>CONSTRUCTION COMPLETE</td>
<td>9/1/91</td>
</tr>
</tbody>
</table>

CONSULTANT/PROJECT MANAGER: N/A

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREAS:

NONE

WORK TO BE COMPLETED DURING CURRENT MONTH:

Reshape channel, clean channel of sediment, vegetation and domestic trash; flush trash racks and drain pipes.

WORK TO BE COMPLETED DURING NEXT MONTH:

Continue cleaning and flushing.

PROJECT MANAGER: Phillip T. Henry PHONE #: 293-9200
REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: Boulder City	DATE PREPARED: 8/7/91

REVIEW PERIOD FROM: July 1 - July 31, 1991

PROJECT: Annual Maintenance Program (Cemetery Wash)

DESCRIPTION: Reshape channel, clean channel

PERCENT COMPLETE: 10% ESTIMATED COST OF PROJECT: $1,407.00

SCHEDULE OF COMPLETION:

<table>
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<th>DESIGN</th>
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<tbody>
<tr>
<td>RW CLEARANCES</td>
<td>N/A</td>
</tr>
<tr>
<td>ENVIR CLEARANCES</td>
<td>N/A</td>
</tr>
<tr>
<td>BIDS OPEN</td>
<td>N/A</td>
</tr>
<tr>
<td>START CONSTRUCTION</td>
<td>5/1/91</td>
</tr>
<tr>
<td>CONSTRUCTION COMPLETE</td>
<td>7/1/91</td>
</tr>
</tbody>
</table>

CONSULTANT/PROJECT MANAGER: N/A

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREAS:

NONE

WORK TO BE COMPLETED DURING CURRENT MONTH:

Reshape channel to drain standing water; clean channel of sediment vegetation, and domestic trash; clean pipes and trash rack.

WORK TO BE COMPLETED DURING NEXT MONTH:

PROJECT MANAGER: Phillip T. Henry	PHONE #: 293-9200
REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: Boulder City

DATE PREPARED: 8/7/91

REVIEW PERIOD FROM: July 1 - July 31, 1991

PROJECT: Annual Maintenance Program (Bootleg Canyon)

DESCRIPTION: Reshape channel, clean channel

PERCENT COMPLETE: 10% ESTIMATED COST OF PROJECT: $2,390.00

SCHEDULE OF COMPLETION:

<table>
<thead>
<tr>
<th>(dates)</th>
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<tr>
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<tr>
<td>ENVIR CLEARANCES</td>
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<tr>
<td>BIDS OPEN</td>
</tr>
<tr>
<td>START CONSTRUCTION</td>
</tr>
<tr>
<td>CONSTRUCTION COMPLETE</td>
</tr>
</tbody>
</table>

CONSULTANT/PROJECT MANAGER: N/A

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREAS:

NONE

WORK TO BE COMPLETED DURING CURRENT MONTH:

Reshape channel, clean channel of sediment, vegetation and domestic trash.

WORK TO BE COMPLETED DURING NEXT MONTH:

PROJECT MANAGER: Phillip T. Henry

PHONE #: 293-9200
# PROJECT STATUS REPORT

**ENTITY:** Boulder City  
**DATE PREPARED:** 8/7/91  
**REVIEW PERIOD FROM:** July 1 - July 31, 1991  

**PROJECT:** Annual Maintenance Program (Hemenway Wash)  
**DESCRIPTION:**  
Clean channel, energy dissipators, inlets, structures and detention basins.  
**PERCENT COMPLETE:** 100%  
**ESTIMATED COST OF PROJECT:** $10,600.00  

**SCHEDULE OF COMPLETION:**  
<table>
<thead>
<tr>
<th>Design</th>
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<tbody>
<tr>
<td>RW Clearances</td>
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<tr>
<td>Envir Clearances</td>
<td>N/A</td>
</tr>
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<td>Bids Open</td>
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<tr>
<td>Start Construction</td>
<td>5/1/91</td>
</tr>
<tr>
<td>Construction Complete</td>
<td>7/1/91</td>
</tr>
</tbody>
</table>

**CONSULTANT/PROJECT MANAGER:** N/A  
**CONSTRUCTION PRIME CONTRACTOR:** N/A  

**DELAYS OR PROBLEMS AREAS:**  
None  

**WORK TO BE COMPLETED DURING CURRENT MONTH:**  
Clean channel, storm sewers, inlets, detention facilities, and energy dissipators of sediment, vegetation and domestic trash.  

**WORK TO BE COMPLETED DURING NEXT MONTH:**  
Continue cleaning channels.  

**PROJECT MANAGER:** Phillip T. Henry  
**PHONE #:** 293-9200
AGENDA ITEM

SUBJECT:
INTERLOCAL CONTRACT FOR BOND ADMINISTRATION AND FINANCIAL SERVICES

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

RECOMMENDATION OF PETITIONER:

THAT THE BOARD APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE CONTRACT

FISCAL IMPACT:

BACKGROUND:
Clark County was requested by and on behalf of the Clark County Regional Flood Control District on July 11, 1991 to issue General Obligation Bonds secured by a pledge of District sales tax revenues. Clark County has been acting upon that request. Staff expects funds to be available in time for the Board to act on bond-funded interlocal contracts at the November Board meeting. An updated schedule is included with the project status reports.

An interlocal contract has been prepared for administrative and financial support necessary in sales, accounting and servicing of the bonds through the County. Nevada Revised Statutes Section 543.330 provides that the County Treasurer will serve as the treasurer of the Board and of the District, and that the treasurer shall keep strict, accurate, and permanent records of any revenues or expenditures on behalf of the District. This interlocal contract for your consideration further elaborates on the responsibilities related to bond sale and the retirement of the bonds.

It is recommended that the Board approve the contract and authorize the Chairman to sign on behalf of the Board.

Respectfully submitted,

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

<table>
<thead>
<tr>
<th>TAC AGENDA ITEM #</th>
<th>RFCD AGENDA ITEM #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date:</td>
<td>9-12-91</td>
</tr>
</tbody>
</table>

Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Staff Discussion: INTERLOCAL CONTRACT FOR BOND ADMINISTRATION AND FINANCIAL SERVICES

Date: 9-3-91

See agenda item

Staff Recommendation:
Approve

Discussion By: AGENDA Date:

Recommendation:

Discussion By: AGENDA Date:

Recommendation:

Discussion By: AGENDA Date:

Recommendation:

Discussion By: AGENDA Date:

Recommendation:
INTERLOCAL CONTRACT FOR BOND ADMINISTRATION
AND FINANCIAL SERVICES

THIS AGREEMENT, is made and entered into as of the ____ day of ______________________, 1991, by and between the COUNTY OF CLARK, a political subdivision of the State of Nevada, hereinafter referred to as "COUNTY", and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, hereinafter referred to as "DISTRICT".

WITNESSETH

WHEREAS, the parties hereto are empowered pursuant to Nevada Revised Statute, Chapter 277, to enter into interlocal agreements for the mutual benefit of said parties in order to perform certain governmental functions.

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, Section 543.690, the Board of County Commissioners may, on behalf of the DISTRICT, issue securities in connection with the undertaking of facilities authorized in NRS 543.170 to 543.830, inclusive, and may otherwise proceed as provided in the government securities law as set for in NRS Chapter 350; and

WHEREAS, the DISTRICT desires the COUNTY to issue securities on behalf of the DISTRICT and in the name of the COUNTY; and

WHEREAS, the DISTRICT desires that the payment of general obligation securities issued be secured by a pledge of tax revenues received pursuant to NRS 543.600; and

WHEREAS, the COUNTY's Finance Department and the County Treasurer have experience in the area of bond finances and administration, and the COUNTY retains bond financial and legal
services through consultant service agreements.

NOW THEREFORE, in consideration of the covenants, conditions, agreements and promises of the parties hereto, the DISTRICT and the COUNTY agree as follows:

1. Under the direction of the DISTRICT's General Manager, the COUNTY and its legally retained consultants will:

   A. Issue securities in the name of the COUNTY on behalf of the DISTRICT in the amount of Eighty Million Dollars ($80,000,000.00).

   B. Assist in the development of financial feasibility studies and advise the DISTRICT as to suggested methods of financing of flood control facilities, amortization schedules, debt retirement plan, and recommendations on revenue necessary to meet estimated bond service requirements.

   C. Act as financial advisors, evaluating and making recommendations for accounting actions relative to the sale and retirement of securities.

   D. Create a flood control capital project fund to account for the proceeds of the bond issue, any interest earned thereon, any expenditures made therefrom.

   E. Provide necessary financial and legal bond services through COUNTY administered consultant contracts.

   F. Establish, if necessary, modifications to the accounting structure and chart of accounts to segregate bond revenues, interest, and expenditure of bond funds.

   G. Create reports or activate computerized financial
systems necessary for the DISTRICT to track all financial status and transactions related to bond monies.

H. Secure the signature of the DISTRICT's General Manager or designee prior to any disbursement of Regional Flood Control District Bond Service Funds.

I. Give notice to the DISTRICT's General Manager or designee, prior to the timely disbursement of interest and principal payments in accordance with the schedule established by the bond covenants.

J. Participate in the annual audit of the Regional Flood Control District bond fund.

K. Through the COUNTY Treasurer keep strict, accurate and permanent records of all money received by and disbursed for and on behalf of the DISTRICT.

L. Issue said securities in accordance with applicable federal and state laws including the Local Government Securities Law as set forth in NRS 350.500 to 350.720, inclusive.

2. The DISTRICT will:

A. Pay the COUNTY the actual cost for providing the services set forth herein as part of the monthly general administrative overhead charge.

B. Be responsible for the payment of the general obligations security issued pursuant to this Agreement and NRS Chapter 543.690 by pledging any revenue from the tax imposed pursuant to NRS 543.600 on retail sales and in the storage, use or other consumption of other tangible personal property in the

3
County.

C. Assist the COUNTY in providing any documentation necessary for the issuance and payment of the securities.

D. Use the proceeds of the securities only for those uses authorized by NRS Chapter 543.

3. This Agreement may be terminated unilaterally by either party thirty (30) days after written notice of termination to the other.

4. This Agreement, or any parts hereof, shall be subject to amendments as proposed by either party. All amendments to this Agreement must be in writing and must be properly executed by both parties.

5. If any provision of this Agreement is found to be contrary to law, then such provision shall be deemed invalid and unenforceable, except to the extent permitted by law, but all
other provisions thereof shall continue in full force and effect.

IN WITNESS WHEREOF, the parties have caused to Agreement to be duly executed by their duly authorized officers to take effect as of the date first written above.

REGIONAL FLOOD CONTROL DISTRICT

By: ________________________________
    MICHAEL R. HARRIS, Chairman

ATTEST:

DEANNA LEFKO
Secretary to the Board

CLARK COUNTY BOARD OF COMMISSIONERS

By: ________________________________
    JAY BINGHAM, Chairman

ATTEST:

LORETTA BOWMAN, County Clerk

APPROVED AS TO LEGALITY AND FORM:

By: ________________________________
    CHRISTOPHER D. FIGGINS
    Deputy District Attorney
<table>
<thead>
<tr>
<th>SUBJECT:</th>
<th>REPORT ON STATUS OF LEASED OFFICE SPACE AND PROJECTED SPACE NEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PETITIONER:</td>
<td>VIRGINIA BAX-VALENTINE, P.E., GENERAL MANAGER/CHIEF ENGINEER</td>
</tr>
</tbody>
</table>

**RECOMMENDATION OF PETITIONER:**

THAT THE BOARD RECEIVE THE REPORT AND DIRECT STAFF AS DEEMED APPROPRIATE

**FISCAL IMPACT:**

None by this action.

**BACKGROUND:**

For the last half year, District and RTC staff have been meeting on a regular basis to discuss projected office needs. When Clark County developed its space requirements last year for its government complex, it did not include either agency in that plan. However, since Clark County and the City of Las Vegas recently agreed to terms on 38 acres of Union Pacific Railroad property, the prospect of also being included on this site offers interesting potential.

The current lease for both agencies expires on September 20, 1992 and has two five (5) year renewal options upon 180 days notice. The landlord, Teachers Realty Corporation, would like to negotiate the renewal of this lease as soon as possible. The landlord has offered a new five (5) year term at the rate of $1.90 per month per square foot base rental rate. By comparison, the current rental rate is $1.81 per month per square foot. As an incentive to renew the lease, the landlord has offered six (6) months of free rent up front making the effective rate of rent $1.71 per square foot over the life of the lease before adjustments for inflation and other escalations.

Continued
The monthly rent for the District and RTC is currently $20,446.76. Both agencies currently occupy 11,285 square feet of office space with the District occupying 2,506 square feet (22%), the RTC occupying 4,369 square feet (39%) and both agencies sharing 4,410 square feet (39%) of common space. With substantial increases in staffing approved for both agencies, additional space will be required in the very near future. Unfortunately, additional space within the building is currently not available.

It is the opinion of both the District and the RTC that there exists substantial benefit and cost savings for both agencies to stay together. Some of the advantages for remaining together are the sharing of office equipment (copier, fax and microfilm), common areas (meeting and conference rooms, library and break room) and staff activities including coordination of agenda preparation and delivery as well as technical committee meetings and briefings for Board members.

Based upon both agencies' analysis of the situation, it appears that a space needs study addressing projected space requirements over a long term period should be performed. In addition, a cost-benefit analysis should be performed addressing such alternatives as continuing to lease office space, purchasing an existing office building, pursuing a "build-to-suit" or "lease/buyback" arrangement or acquiring land and building administrative offices. RTC staff has indicated that its administrative offices need not be physically located adjacent to its transit operations and maintenance facility.

At this time with only one year left on the current lease, it may be advantageous to negotiate a renewal of the lease on an annual basis instead of the five (5) year renewal term. This would enable both agencies to remain at the present location in the interim without tying them to the longer term.

Staff of both agencies is requesting direction from its respective Board regarding a course of action to follow. Questions requiring direction are:

- Do the two Boards wish to see the two agencies remain physically located together?
- Does the Board wish to see its agency located on the County's 38 acre government complex site? If so, the Board would have to direct staff to initiate discussions with Clark County regarding the possible use of this site.
- If the County complex is, for any reason, ruled out, does the Board wish to see its agency remain in the downtown Las Vegas area?
- Does the Board wish to see its agency pursue the availability of alternative suitable office buildings?
- Finally, due to the long timeframe required to build an office complex, does the Board wish to direct staff to explore the possibility of negotiating an extension of the existing lease on a shorter term than offered?

Respectfully submitted,

VIRGINIA BAX-VALENTINE, P.E.
General Manager/Chief Engineer
Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Report on Status of Space Needs

See agenda item

Staff Discussion:

Date:

9-3-91

Staff Recommendation:

Receive report and direct staff as deemed appropriate.

Discussion By ___________________________

Recommendation:

Discussion By ___________________________

Recommendation:

Discussion By ___________________________

Recommendation:
CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

<table>
<thead>
<tr>
<th>SUBJECT:</th>
<th>PURCHASE OF FLOOD WARNING/DATA COLLECTION EQUIPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PETITIONER:</td>
<td>VIRGINIA BAX-VALENTINE, P.E., GENERAL MANAGER/CHIEF ENGINEER</td>
</tr>
</tbody>
</table>

| RECOMMENDATION OF PETITIONER: | THAT THE BOARD APPROVE THE PURCHASE |

| FISCAL IMPACT: | Fund 286 - $63,663 |

| BACKGROUND: | The Master Plan includes a recommendation that the District implement a telemetered data collection system to provide timely information on rainfall and streamflow. While the District has entered into cooperative agreements with the U.S. Geological Survey for the installation and maintenance of stream gauges, it is more cost efficient for the District to purchase, install and maintain the rain gauges and weather stations. The District plans to purchase and install eight (8) rain gauges and two (2) weather stations this year. Information on the cost of the equipment is attached for your review. The total cost of the required equipment plus backup equipment is $63,663. District purchases exceeding $10,000 require approval of the Board. This equipment can only be procured from Handar, Inc. Handar equipment is required for compatibility with existing equipment; no substitute is possible. Generally, the Local Government Purchasing Act requires competitive bidding for contracts of more than $5,000, except where the law provides for exemptions. NRS 332.115 enumerates types of contracts not appropriate for award by competitive bidding. In part, it states: |

| TAC AGENDA ITEM # | 14 |
| Date:             | 9-12-91 |
| RFCD AGENDA ITEM # | 14 |
| Date:             | 9-12-91 |
332.115 Exceptions to requirements for competitive bidding:
Contracts not adapted to award by competitive bidding.

1. Contracts which by their nature are not adapted to award by competitive bidding, including contracts for:
   (d) Equipment which, by reason of the training of the personnel or of any inventory of replacement parts maintained by the local government is compatible with existing equipment.

Thus in accordance with NRS 332.115(d), the competitive bidding process is not recommended because Handar is the only equipment compatible with existing equipment.

Respectfully submitted,

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

Christopher Figgins
Deputy District Attorney

<table>
<thead>
<tr>
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<td>ITEM # 14</td>
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<td>Date: 9-12-91</td>
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Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Staff Discussion: PURCHASE OF FLOOD WARNING/DATA COLLECTION EQUIPMENT

See agenda item

Staff Recommendation:
Approve

Discussion By: 

Recommendation:

Discussion By: 

Recommendation:

Discussion By: 

Recommendation:
<table>
<thead>
<tr>
<th>Qty</th>
<th>Model</th>
<th>Description</th>
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<td>544V</td>
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<td>3</td>
<td>585D</td>
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<td>Met Interface Card</td>
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<td>4</td>
<td>585-6007</td>
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<td>Standpipe Tower</td>
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<td>431A</td>
<td>Wind Direction Sensor</td>
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<td>3</td>
<td>435A</td>
<td>RH/AT Sensor</td>
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<td>442A</td>
<td>Convection Aspirated Shield</td>
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<td>630</td>
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<td>2</td>
<td>405-7001</td>
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<td>405-8014</td>
<td>RH/AT Mounting Assembly</td>
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<td>585-3410</td>
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<td>Cover, Standpipe Tower</td>
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Sub-Total $63,063
Shipping (est) $600

$63,663
CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:
PURCHASE OF SOFTWARE AND LICENSES FOR COMPUTER SYSTEM

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

RECOMMENDATION OF PETITIONER:
THAT THE BOARD APPROVE THE PURCHASE OF THE COMPUTER SOFTWARE AND LICENSES

FISCAL IMPACT:
Fiscal Impact: $12,035.10

BACKGROUND:

At its August 9, 1990 meeting, the Board approved the purchase of computer hardware and software necessary to initiate the District’s participation in the regional GIS and to provide a degree of office automation. At this time it is necessary to upgrade the licenses for the operating system and the office automation software package to accommodate the size of the District’s staff. This purchase also includes software necessary to integrate the word processor software used by staff into the office automation package. This equipment will be purchased from Avnet Computer, the vendor currently being used by the Purchasing Department.

Respectfully submitted,

Virginia Bax-Valentine, P.E.
General Manager/Chief Engineer
Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Staff Discussion: PURCHASE OF SOFTWARE AND LICENSES FOR COMPUTER SYSTEM

See agenda item

Staff Recommendation: Approve

Discussion By _____________________:

Recommendation:

Discussion By _____________________:

Recommendation:

Discussion By _____________________:

Recommendation:
### SOFTWARE FOR VAX

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<tr>
<th>Description</th>
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**TOTAL** $12,035.10
CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:
PROJECT STATUS REPORTS

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

RECOMMENDATION OF PETITIONER:
THAT THE BOARD ACCEPT THE REPORTS

FISCAL IMPACT:
None

BACKGROUND:
The following Projects Status Reports for the month of August, 1991, are submitted for your review:

91/92 PROJECT LIST AND BOND PROJECTS
a) Projects Charts
b) Project Summary Sheets
c) Clark County
d) City of Las Vegas
e) City of Boulder City
f) City of Henderson
g) City of Mesquite
h) City of North Las Vegas

OTHER PROJECTS OF INTEREST
a) City of Boulder City
b) City of North Las Vegas
c) Regional Flood Control District

Respectfully submitted,

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

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<thead>
<tr>
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<td>ITEM # 16</td>
</tr>
<tr>
<td>Date:</td>
<td>Date: 9-12-91</td>
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</table>
# CLARK COUNTY

## PROJECT STATUS CHART AS OF 8/31/91

<table>
<thead>
<tr>
<th>1991</th>
<th>1992</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jul</td>
<td>Aug</td>
</tr>
<tr>
<td>DUCK CREEK BRIDGES</td>
<td></td>
</tr>
<tr>
<td>E RANGE WASH DB</td>
<td></td>
</tr>
<tr>
<td>FLAMINGO BRIDGE @ ARVILLE</td>
<td></td>
</tr>
<tr>
<td>FLAMINGO BRIDGE @ EASTERN</td>
<td></td>
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<tr>
<td>FLAMINGO BRIDGE @ PALOS VERDE</td>
<td></td>
</tr>
<tr>
<td>FLAMINGO BRIDGE @ PARADISE</td>
<td></td>
</tr>
<tr>
<td>RAWHIDE CHANNEL IMPROV</td>
<td></td>
</tr>
<tr>
<td>RAWHIDE/EASTERN DRAINAGE</td>
<td></td>
</tr>
<tr>
<td>RAWHIDE/EASTERN-TOPAZ</td>
<td></td>
</tr>
<tr>
<td>UPPER FLAMINGO DB</td>
<td></td>
</tr>
<tr>
<td>VAN BUSKIRK CHANNEL OF</td>
<td></td>
</tr>
<tr>
<td>VAN BUSKIRK SYSTEM</td>
<td></td>
</tr>
<tr>
<td>VAN BUSKIRK RIGHT-OF-WAY</td>
<td></td>
</tr>
<tr>
<td>WINNICK AVENUE IMPROV</td>
<td></td>
</tr>
</tbody>
</table>

- **Design**: Indicates the design phase of the project.
- **Bid Period**: Indicates the period during which the project is bid for construction.
- **Construction**: Indicates the period during which the project is under construction.

---

This chart represents the status of various projects in Clark County as of 8/31/91. Each entry corresponds to a specific project, indicating its phase status over the months from July 1991 to December 1992.
CLARK COUNTY - OUTLYING
PROJECT STATUS CHART AS OF 8/31/91

<table>
<thead>
<tr>
<th>Project</th>
<th>1991</th>
<th>1992</th>
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</thead>
<tbody>
<tr>
<td>BUNKERVILLE CHANNEL</td>
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<tr>
<td>GOODSPrINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIKO SPRINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOGAN WASH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUDDY RIVER WEST LEVEE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NELSON</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SEARCHLIGHT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UNNAMED WASH</td>
<td></td>
<td></td>
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</table>

```
///DESIGN  *** BID PERIOD  ///CONSTRUCTION
```
## CITY OF LAS VEGAS
### PROJECT STATUS CHART AS OF 8/31/91

<table>
<thead>
<tr>
<th>Project</th>
<th>1991</th>
<th>1992</th>
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</thead>
<tbody>
<tr>
<td>ANGEL PARK OUTFLOW</td>
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<td></td>
</tr>
<tr>
<td>BUFFALO CHANNEL (AP/G)</td>
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<tr>
<td>BUFFALO CHANNEL (S-V)</td>
<td></td>
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</tr>
<tr>
<td>BUFFALO CHANNEL (W-S)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAREY/LAKE MEAD DB</td>
<td></td>
<td></td>
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<tr>
<td>CAREY/LAKE MEAD SD</td>
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<tr>
<td>GOWAN DB</td>
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<tr>
<td>GOWAN N CHANNEL</td>
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</tr>
<tr>
<td>GOWAN OUTFALL</td>
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<tr>
<td>OAKEY BL DB SYSTEM</td>
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<tr>
<td>WASHINGTON AV SYSTEM</td>
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<tr>
<td>WASHINGTON AV/SANDHILL</td>
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</tr>
</tbody>
</table>

### Legend:
- **DESIGN**
- ■■■■■ BID PERIOD
- ■■■■■ CONSTRUCTION
### Project Status Chart as of 8/31/91

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<thead>
<tr>
<th></th>
<th>1991</th>
<th>1992</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Jul  Aug  Sep  Oct  Nov  Dec</td>
<td>Jan  Feb  Mar  Apr  May  Jun  Jul  Aug  Sep  Oct  Nov  Dec</td>
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#### Boulder City

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Hemenway Wash</td>
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#### Henderson

<table>
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<td>C-1 Channel System</td>
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<tr>
<td>Green Valley Bridge</td>
<td></td>
</tr>
<tr>
<td>Pittman Wash-Phase 1</td>
<td></td>
</tr>
<tr>
<td>Pittman Wash-Phase 2</td>
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<tr>
<td>Pittman Wash-Phase 3</td>
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</tr>
<tr>
<td>UPRR Channel</td>
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#### Mesquite

<table>
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<tbody>
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<td>Town Wash DB</td>
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#### North Las Vegas

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<tr>
<td>Gowan Outfall-Phase 1</td>
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<td>Kyle Canyon DB Design</td>
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<tr>
<td>Upper Las Vegas Wash DB</td>
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<tr>
<td>W Range Wash Dike</td>
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- **///** Design
- **••••** Bid Period
- **■■** Construction
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<th>ORIG FUNDING</th>
<th>BOARD APPROVED</th>
<th>DESIGN START DATE</th>
<th>DESIGN COMPLETE DATE</th>
<th>CONSTR START DATE</th>
<th>CONSTR COMPL DATE</th>
<th>SCHEDULE CHANGE FROM PREVIOUS MONTH</th>
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<tbody>
<tr>
<td>CLARK COUNTY</td>
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<tr>
<td></td>
<td>Duck Creek Bridges (Tomiyavek &amp; Pachuta)</td>
<td>$1818,000</td>
<td></td>
<td>12/91</td>
<td>11/92</td>
<td>2/93</td>
<td>6/93</td>
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<td>* East Range Wash Detention Basin</td>
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<td>10/91</td>
<td>4/92</td>
<td>8/92</td>
<td>6/93</td>
<td>schedule corrected, construction start slipped 1 month</td>
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<tr>
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<td>Flamingo Wash Bridge @ Arville</td>
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<td>Flamingo Wash Bridge @ Eastern</td>
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<td>Flamingo Wash Bridge @ Paradise</td>
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<tr>
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<td>* Rawhide Channel Improvements</td>
<td>$118,000</td>
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<td>Rawhide Channel/Eastern Drainage System</td>
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<td>Burkerville Channel</td>
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<td>Goodsprings Flood Control Improvements</td>
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<tr>
<td></td>
<td>Hiko Springs Channel - Laughlin</td>
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<td></td>
<td>Logan (Benson) Wash - Moapa</td>
<td>$1,384,000</td>
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<td>Muddy River West Lavoe - Moapa</td>
<td>$3,000,000</td>
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<td>Nelson Flood Control Improvements</td>
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<td>Searchlight Flood Control Improvements</td>
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<tr>
<td></td>
<td>* Unnamed Wash Improvements - Laughlin</td>
<td>$4,100,000</td>
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Notes: * indicates Bond funding.
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<th>DESIGN START DATE</th>
<th>DESIGN COMPLETE DATE</th>
<th>CONSTR START DATE</th>
<th>CONSTR COMPL DATE</th>
<th>SCHEDULE CHANGE FROM PREVIOUS MONTH</th>
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<tbody>
<tr>
<td>LAS VEGAS</td>
<td></td>
<td>92 FL</td>
<td>DONE</td>
<td>DONE</td>
<td>NOW</td>
<td>11/91</td>
<td>1 month construction delay due to utility and BLM conflicts</td>
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<tr>
<td></td>
<td>Angel Park Outflow Structure</td>
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<tr>
<td></td>
<td>Buffalo Channel (Angel Park/Gowan Conveyance)</td>
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<tr>
<td></td>
<td>* Buffalo Channel (Summerlin Pkwy.-Vegas)</td>
<td>$110,000</td>
<td>9/91</td>
<td>12/91</td>
<td>3/92</td>
<td>7/92</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Buffalo Channel (Westcliff-Summerlin Pkwy.)</td>
<td>$690,000</td>
<td>DONE</td>
<td>DONE</td>
<td>3/92</td>
<td>2/93</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Carry/Lake Mead Detention Basin</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Carry/Lake Mead Storm Drain</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>* Gowan Detention Basin</td>
<td>$57,625</td>
<td>6/91</td>
<td>DONE</td>
<td>1/92</td>
<td>1/93</td>
<td></td>
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<tr>
<td></td>
<td>Gowan North Channel</td>
<td>$100,000</td>
<td></td>
<td></td>
<td></td>
<td>2/92</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Gowan Outfall - Phase 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>* Oakley Blvd. Detention Basin System</td>
<td>$57,000</td>
<td></td>
<td>NOW</td>
<td>12/91</td>
<td>2/92</td>
<td>11/92</td>
</tr>
<tr>
<td></td>
<td>Washington Ave. System Design</td>
<td>$413,000</td>
<td>10/91</td>
<td></td>
<td>5/92</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>* Washington Ave./Sandhill Outlet</td>
<td>$1,700,000</td>
<td></td>
<td></td>
<td>DONE</td>
<td>1/92</td>
<td>6/92</td>
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</tbody>
</table>

Note: * indicates bond funding
<table>
<thead>
<tr>
<th>ENTITY</th>
<th>PROJECT</th>
<th>ORIG FUNDING</th>
<th>DESIGN START DATE</th>
<th>DESIGN COMPLETE DATE</th>
<th>CONSTR START DATE</th>
<th>CONSTR COMPL DATE</th>
<th>SCHEDULE CHANGE FROM PREVIOUS MONTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOULDER CITY</td>
<td>Namekogen Wash</td>
<td>$600,000</td>
<td>10/91</td>
<td>5/92</td>
<td>8/92</td>
<td>3/93</td>
<td>construction delayed 1 month due to partial redesign necessary to resolve property owners' concerns</td>
</tr>
<tr>
<td></td>
<td>Green Valley Parkway Bridge</td>
<td>$6,000,000</td>
<td>10/91</td>
<td>5/92</td>
<td>8/92</td>
<td>3/93</td>
<td>schedule corrected, construction slipped 1 month</td>
</tr>
<tr>
<td></td>
<td>Pittman Wash Channel-Phase 1</td>
<td></td>
<td>DONE</td>
<td>DONE</td>
<td>DONE</td>
<td>DONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pittman Wash Channel-Phase 2</td>
<td>$3,470,000</td>
<td>DONE</td>
<td>DONE</td>
<td>11/91</td>
<td>5/92</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pittman Wash Channel-Phase 3</td>
<td>$3,162,200</td>
<td>NOW</td>
<td>11/91</td>
<td>2/92</td>
<td>8/92</td>
<td></td>
</tr>
<tr>
<td></td>
<td>UPRR Channel</td>
<td>$150,000</td>
<td>10/91</td>
<td>1/92</td>
<td>2/92</td>
<td>8/92</td>
<td>schedule corrected, construction start slipped 1 month</td>
</tr>
<tr>
<td>HENDERSON</td>
<td>* G-1 Channel System</td>
<td>$500,000</td>
<td>10/91</td>
<td>5/92</td>
<td>8/92</td>
<td>3/93</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Green Valley Parkway Bridge</td>
<td>$6,000,000</td>
<td>10/91</td>
<td>5/92</td>
<td>8/92</td>
<td>3/93</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pittman Wash Channel-Phase 1</td>
<td></td>
<td>DONE</td>
<td>DONE</td>
<td>DONE</td>
<td>DONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pittman Wash Channel-Phase 2</td>
<td>$3,470,000</td>
<td>DONE</td>
<td>DONE</td>
<td>11/91</td>
<td>5/92</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pittman Wash Channel-Phase 3</td>
<td>$3,162,200</td>
<td>NOW</td>
<td>11/91</td>
<td>2/92</td>
<td>8/92</td>
<td></td>
</tr>
<tr>
<td></td>
<td>UPRR Channel</td>
<td>$150,000</td>
<td>10/91</td>
<td>1/92</td>
<td>2/92</td>
<td>8/92</td>
<td>schedule corrected, construction start slipped 1 month</td>
</tr>
<tr>
<td>MESAQUITE</td>
<td>* Town Wash Detention Basin</td>
<td>$5,448,304</td>
<td>NOW</td>
<td>10/91</td>
<td>12/91</td>
<td>6/92</td>
<td>design complete delayed another 2 months due to mining claims, construction start delayed 1 month</td>
</tr>
<tr>
<td>NORTH LAS VEGAS</td>
<td>* Gowan Outfall - Phase 1</td>
<td></td>
<td>DONE</td>
<td>DONE</td>
<td>NOW</td>
<td>8/92</td>
<td>developer participation delayed</td>
</tr>
<tr>
<td></td>
<td>Kern Canyon Detention Basin Design</td>
<td>$450,000</td>
<td>9/91</td>
<td>6/92</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>* Upper Las Vegas Wash Detention Basin</td>
<td>$12,800,000</td>
<td>DONE</td>
<td>DONE</td>
<td>2/92</td>
<td>2/93</td>
<td></td>
</tr>
<tr>
<td></td>
<td>* West Range Wash Diversion Dike</td>
<td>$4,000,000</td>
<td>NOW</td>
<td>2/92</td>
<td>6/92</td>
<td>3/93</td>
<td></td>
</tr>
</tbody>
</table>

Note: * indicates Bond funding
**REGIONAL FLOOD CONTROL DISTRICT**

**PROJECT STATUS REPORT**

**ENTITY:** CLARK COUNTY PUBLIC WORKS  **DATE PREPARED:** 08/01/91

**REVIEW PERIOD FROM:** JULY 1  **TO:** JULY 31

**PROJECT:** DUCK CREEK BRIDGES AT TOMIYASU AND PACHUCA

**DESCRIPTION:**

**PERCENT COMPLETE:** 0%  **ESTIMATED COST OF PROJECT:** $682,000.00

**SCHEDULE FOR COMPLETION:**

<table>
<thead>
<tr>
<th></th>
<th>(DATES)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESIGN</td>
<td>11/01/92</td>
</tr>
<tr>
<td>R/W CLEARANCES</td>
<td></td>
</tr>
<tr>
<td>ENVIR CLEARANCES</td>
<td></td>
</tr>
<tr>
<td>BIDS OPEN</td>
<td>12/15/92</td>
</tr>
<tr>
<td>CONSTRUCTION START</td>
<td>02/01/93</td>
</tr>
<tr>
<td>CONSTRUCTION COMPLETE</td>
<td>06/01/93</td>
</tr>
</tbody>
</table>

**CONSULTANT/PROJECT MANAGER:**

**CONSTRUCTION PRIME CONTRACTOR:**

**DELAYS OR PROBLEMS AREAS:**

**WORK COMPLETED DURING CURRENT MONTH:**

**WORK TO BE COMPLETED DURING NEXT MONTH:**

**PROJECT MANAGER:**

**PHONE #:**
REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS    DATE PREPARED: 08/26/91

REVIEW PERIOD FROM: August 1, 1991 TO: August 31, 1991

PROJECT: EAST RANGE WASH DETENTION FACILITY

DESCRIPTION: DETENTION BASIN AND OUTLET, CHANNEL FACILITIES

PERCENT COMPLETE: 0%    ESTIMATED COST OF PROJECT: $9,100,000.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN  04/30/92

R/W CLEARANCES

ENVIR CLEARANCES

BIDS OPEN  06/01/92

CONSTRUCTION START  08/15/92

CONSTRUCTION COMPLETE  06/01/93

CONSULTANT/PROJECT MANAGER:

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:
INTERLOCAL CONTRACT TO RFC TAC 07-25-91.

WORK TO BE COMPLETED DURING NEXT MONTH:
EXECUTE INTERLOCAL AGREEMENT

PROJECT MANAGER: BRANDT    PHONE #: 455-7707
REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS  DATE PREPARED: 08/26/91

REVIEW PERIOD FROM: August 1, 1991 TO: August 31, 1991

PROJECT: FLAMINGO WASH - BRIDGE AT ARVILLE STREET

DESCRIPTION: CONSTRUCT A 7'-5" X 12' DRAINAGE STRUCTURE INCLUDING WINGWALLS, CONCRETE APRONS AND OTHER RELATED ITEMS.

PERCENT COMPLETE: 100%  ESTIMATED COST OF PROJECT: $399,034.00

SCHEDULE FOR COMPLETION:

<table>
<thead>
<tr>
<th>DESIGN</th>
<th>11/01/90</th>
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</thead>
<tbody>
<tr>
<td>R/W CLEARANCES</td>
<td>01/01/91</td>
</tr>
<tr>
<td>ENVIR CLEARANCES</td>
<td></td>
</tr>
<tr>
<td>BIDS OPEN</td>
<td>08/16/90</td>
</tr>
<tr>
<td>CONSTRUCTION START</td>
<td>12/10/90</td>
</tr>
<tr>
<td>CONSTRUCTION COMPLETE</td>
<td>07/01/91</td>
</tr>
</tbody>
</table>

CONSULTANT/PROJECT MANAGER:

CONSTRUCTION PRIME CONTRACTOR: WELLS CARGO

DELAYS OR PROBLEMS AREAS:
NONE

WORK COMPLETED DURING CURRENT MONTH:
COMPLETED RCB & FINAL CHANNEL GRADING & OPEN GRADE

WORK TO BE COMPLETED DURING NEXT MONTH:
CLOSE OUT PROJECT

PROJECT MANAGER: HALL  PHONE #: 455-7422
ENTITY: CLARK COUNTY PUBLIC WORKS    DATE PREPARED: 08/26/91

REVIEW PERIOD FROM:  August 1, 1991  TO:  August 31, 1991

PROJECT: FLAMINGO WASH AT EASTERN AVENUE BRIDGE/STORM DRAIN/LVVWD WATERLINE

DESCRIPTION: DESIGN AND CONSTRUCT 2 ADDITIONAL BARRELS TO THE EXISTING 3 BARREL CULVERT. STORM DRAIN TO COLLECT 10 YEAR FLOW, ALSO LVVWD W/L TO BE INCLUDED.

PERCENT COMPLETE: 5%     ESTIMATED COST OF PROJECT:  $306,000.00

SCHEDULE FOR COMPLETION:

| DESIGN                        | 08/15/91 |
| R/W CLEARANCES                | 01/01/91 |
| ENVIR CLEARANCES              |          |
| BIDS OPEN                     | 09/19/91 |
| CONSTRUCTION START            | 12/30/91 |
| CONSTRUCTION COMPLETE         | 05/15/92 |

CONSULTANT/PROJECT MANAGER:

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:
CONTINUE DESIGN

WORK TO BE COMPLETED DURING NEXT MONTH:
CONTINUE DESIGN

PROJECT MANAGER: BLEAK    PHONE #: 455-7400
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS DATE PREPARED: 08/26/91
REVIEW PERIOD FROM: August 1, 1991 TO: August 31, 1991
PROJECT: FLAMINGO WASH - BRIDGE AT PALOS VERDES STREET
DESCRIPTION: DESIGN AND CONSTRUCT ROAD CROSSING TO ACCOMMODATE 100-YEAR STORM. DESIGN & CONTRACT ADMINISTRATION.

PERCENT COMPLETE: 0% ESTIMATED COST OF PROJECT: $450,000.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN
03/24/91

R/W CLEARANCES

ENVIR CLEARANCES
01/01/91

BIDS OPEN
05/01/91

CONSTRUCTION START
07/08/91

CONSTRUCTION COMPLETE
12/01/91

CONSULTANT/PROJECT MANAGER: MEA

CONSTRUCTION PRIME CONTRACTOR: RIGGS

DELAYs OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:

WORK TO BE COMPLETED DURING NEXT MONTH:

PROJECT MANAGER: CEDERBURG G PHONE #: 455-7421
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS  DATE PREPARED:  08/26/91
REVIEW PERIOD FROM: August 1, 1991  TO:  August 31, 1991
PROJECT: FLAMINGO WASH - BRIDGE AT PARADISE ROAD
DESCRIPTION: CONSTRUCT BRIDGE TO ACCOMMODATE 100 YEAR STORM EVENT, DESIGN & CONTRACT ADMINISTRATION.
PERCENT COMPLETE: 8%  ESTIMATED COST OF PROJECT:  $750,000.00

SCHEDULE FOR COMPLETION:
(DATES)
DESIGN  
03/24/91
R/W CLEARANCES
ENVIR CLEARANCES
BIDS OPEN  
05/01/91
CONSTRUCTION START  
07/08/91
CONSTRUCTION COMPLETE  
12/01/91

CONSULTANT/PROJECT MANAGER: MEA
CONSTRUCTION PRIME CONTRACTOR: RIGGS

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:
COMPLETED DETOUR.

WORK TO BE COMPLETED DURING NEXT MONTH:

PROJECT MANAGER: CEDERBURG G  PHONE #:  455-7742
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS  DATE PREPARED: 08/26/91
REVIEW PERIOD FROM: August 1, 1991  TO: August 31, 1991
PROJECT: RAWHIDE CHANNEL IMPROVEMENTS
DESCRIPTION: COMPLETE REMAINING PROJECT COMPONENTS

PERCENT COMPLETE: 0%  ESTIMATED COST OF PROJECT: $3,000,000.00

SCHEDULE FOR COMPLETION:
(DATES)
DESIGN 01/01/92
R/W CLEARANCES
ENVIR CLEARANCES
BIDS OPEN 02/01/92
CONSTRUCTION START 03/01/92
CONSTRUCTION COMPLETE 08/01/92

CONSULTANT/PROJECT MANAGER:
CONSTRUCTION PRIME CONTRACTOR:

DELAY OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:

WORK TO BE COMPLETED DURING NEXT MONTH:

PROJECT MANAGER:  PHONE #:
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS DATE PREPARED: 08/26/91

REVIEW PERIOD FROM: August 1, 1991 TO: August 31, 1991

PROJECT: RAWHIDE CHANNEL RCB AT EASTERN AVENUE

DESCRIPTION: CONSISTS OF 3-8X4 PRECAST RCB'S, H/W & APRON

PERCENT COMPLETE: 100% ESTIMATED COST OF PROJECT: $155,540.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN
R/W CLEARANCES 01/01/91
ENVIR CLEARANCES
BIDS OPEN 03/22/90
CONSTRUCTION START 06/04/90
CONSTRUCTION COMPLETE 07/15/91

CONSULTANT/PROJECT MANAGER:

CONSTRUCTION PRIME CONTRACTOR: WELLS CARGO

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:
SLOPE PAVING DONE.

WORK TO BE COMPLETED DURING NEXT MONTH:
PUNCHLIST ITEMS (CLEANUP AND SACK WALLS RAILING TO BE PLACED).

PROJECT MANAGER: PHILLIPS PHONE #: 455-7747
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS
DATE PREPARED: 08/26/91

REVIEW PERIOD FROM: August 1, 1991 TO: August 31, 1991

PROJECT: RAWHIDE CHANNEL - EASTERN TO TOPAZ

DESCRIPTION: CONSTRUCT CONCRETE CHANNEL AND BOX CULVERTS FROM EASTERN AVE. TO TOPAZ ST. TO HANDLE 100-YEAR STORM FLOWS.

PERCENT COMPLETE: 90% ESTIMATED COST OF PROJECT: $950,000.00

SCHEDULE FOR COMPLETION:

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<tr>
<th>DESIGN</th>
<th>10/20/90</th>
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<tr>
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</tr>
<tr>
<td>ENVIR CLEARANCES</td>
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</tr>
<tr>
<td>BIDS OPEN</td>
<td>11/29/90</td>
</tr>
<tr>
<td>CONSTRUCTION START</td>
<td>01/22/91</td>
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<tr>
<td>CONSTRUCTION COMPLETE</td>
<td>08/01/91</td>
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</table>

CONSULTANT/PROJECT MANAGER: G.C. WALLACE

CONSTRUCTION PRIME CONTRACTOR: MEADOW VALLEY CONTRACTOR

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:
POURED BOX 12'X4' FROM 114+00 TO STA 116+25, BACKFILL FROM 114+00 TO 114+50. FINISH C&G AND DRIVEWAY FROM RUSSELL STA 10+57 TO 13+30. CONSTRUCTED DI AT RUSSELL STA 10+57 AND 9+50.

WORK TO BE COMPLETED DURING NEXT MONTH:
FINISH BOX 12'X4', BACKFILL, AC POWER.

PROJECT MANAGER: PHILLIPS
PHONE #: 455-7747
REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS  DATE PREPARED: 08/26/91

REVIEW PERIOD FROM: August 1, 1991  TO: August 31, 1991

PROJECT: UPPER FLAMINGO WASH DETENTION BASIN

DESCRIPTION: DETENTION BASIN

PERCENT COMPLETE: 0%  ESTIMATED COST OF PROJECT: $8,640,000.00

SCHEDULE FOR COMPLETION:

<table>
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<tr>
<th>Activity</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESIGN</td>
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<td>CONSTRUCTION START</td>
<td>06/04/91</td>
</tr>
<tr>
<td>CONSTRUCTION COMPLETE</td>
<td>01/30/92</td>
</tr>
</tbody>
</table>

CONSULTANT/PROJECT MANAGER: BLACK & VEATCH

CONSTRUCTION PRIME CONTRACTOR: WHEELER CONSTRUCTION

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:
TORTOISE FENCE COMPLETED, SPILLWAY BEGUN.

WORK TO BE COMPLETED DURING NEXT MONTH:
CONTINUE CONSTRUCTION.

PROJECT MANAGER: CEDERBURG G  PHONE #: 455-7421
REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS  DATE PREPARED:  08/26/91

REVIEW PERIOD FROM:  August 1, 1991  TO:  August 31, 1991

PROJECT:  VAN BUSKIRK CHANNEL - OUTFALL

DESCRIPTION:  CONSTRUCT VAN BUSKIRK CHANNEL OUTFALL FROM FLAMINGO RD TO FLAMINGO WASH AS IDENTIFIED IN THE VAN BUSKIRK CHANNEL PRE-DESIGN REPORT.

PERCENT COMPLETE:  8%  ESTIMATED COST OF PROJECT:  $3,760,000.00

SCHEDULE FOR COMPLETION:

| DESIGN | 06/19/91 |
| R/W CLEARANCES | |
| ENVIR CLEARANCES | 01/01/91 |
| BIDS OPEN | 10/03/91 |
| CONSTRUCTION START | 11/01/91 |
| CONSTRUCTION COMPLETE | 04/19/92 |

CONSULTANT/PROJECT MANAGER:

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:
FUNDING APPROVED

WORK TO BE COMPLETED DURING NEXT MONTH:
ADVERTISE AND HOLD PRE-BID MEETING

PROJECT MANAGER:  BRANDT  PHONE #:  455-7707
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS DATE PREPARED: 08/26/91

REVIEW PERIOD FROM: August 1, 1991 TO: August 31, 1991

PROJECT: VAN BUSKIRK CHANNEL--SYSTEM IMPROVEMENTS

DESCRIPTION:

PERCENT COMPLETE: 0% ESTIMATED COST OF PROJECT: $10,800,000.00

SCHEDULE FOR COMPLETION:

(DATES)

DESIGN ____________ 03/01/92

R/W CLEARANCES ____________

ENVIR CLEARANCES ____________

BIDS OPEN ____________ 04/01/92

CONSTRUCTION START ____________ 06/01/92

CONSTRUCTION COMPLETE ____________ 07/01/93

CONSULTANT/PROJECT MANAGER:

CONSTRUCTION PRIME CONTRACTOR:

DELAY OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:

WORK TO BE COMPLETED DURING NEXT MONTH:

PROJECT MANAGER: PHONE #:
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS DATE PREPARED: 08/26/91

REVIEW PERIOD FROM: August 1, 1991 TO: August 31, 1991

PROJECT: VAN BUSKIRK CHANNEL - ROW ACQUISITION

DESCRIPTION: APPRAISE AND ACQUIRE ROW FOR DETENTION BASIN SITES.

PERCENT COMPLETE: 30% ESTIMATED COST OF PROJECT: $3,100,000.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN

R/W CLEARANCES 09/29/91

ENVIR CLEARANCES

BIDS OPEN

CONSTRUCTION START

CONSTRUCTION COMPLETE

CONSULTANT/PROJECT MANAGER:

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:
E 1/2 OF SITE ENTERED CONDEMNATION.

WORK TO BE COMPLETED DURING NEXT MONTH:
PRESENT OFFER TO PURCHASE FOR W 1/2 OF SITE E.

PROJECT MANAGER: LAND PHONE #: 455-8300
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS DATE PREPARED: 08/26/91

REVIEW PERIOD FROM: August 1, 1991 TO: August 31, 1991

PROJECT: FLAMINGO WASH AT WINNICK AVENUE

DESCRIPTION: COLLECT FLAMINGO WASH AND DISCHARGE AT KOVAL

PERCENT COMPLETE: 0% ESTIMATED COST OF PROJECT: $1,200,000.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN 02/15/92
R/W CLEARANCES
ENVIR CLEARANCES
BIDS OPEN
CONSTRUCTION START 06/01/92
CONSTRUCTION COMPLETE 12/01/92

CONSULTANT/PROJECT MANAGER:

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:

WORK TO BE COMPLETED DURING NEXT MONTH:
COMPLETE CURRENT SCOPE, CONTACT CONSULTANT

PROJECT MANAGER: CATANESE PHONE #: 455-8309
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS DATE PREPARED: 08/26/91

REVIEW PERIOD FROM: August 1, 1991 TO: August 31, 1991

PROJECT: BUNKERVILLE FLOOD CONTROL CHANNEL

DESCRIPTION: CONSTRUCT CONCRETE LINED CHANNEL FROM HIGHWAY THRU TOWN & EARTHEN CHANNEL FROM EDGE OF TOWN TO VIRGIN RIVER. DESIGN ONLY.

PERCENT COMPLETE: 8% ESTIMATED COST OF PROJECT: $1,115,000.00

SCHEDULE FOR COMPLETION:
(DATES)
09/26/91
R/W CLEARANCES 10/15/91
ENVIR CLEARANCES 08/01/91
BIDS OPEN 10/28/91
CONSTRUCTION START 12/09/91
CONSTRUCTION COMPLETE 05/01/92

CONSULTANT/PROJECT MANAGER: THE MARK GROUP

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS:
ADDITIONAL BLM LAND NEEDED AT OUTFALL

WORK COMPLETED DURING CURRENT MONTH:
REVIEW PLANS & SPECS, PLANS SENT TO UTILITIES, MET WITH MARK GROUP ON ROW ISSUES.

WORK TO BE COMPLETED DURING NEXT MONTH:
FINALIZE PLANS AND SPECIFICATIONS, CHECK ON 404 APPLICATION, REVISE FIELD DRAIN. DESIGN OF ACCESS RAMPS.

PROJECT MANAGER: CATANESE PHONE #: 455-8309
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS DATE PREPARED: 08/26/91
REVIEW PERIOD FROM: August 1, 1991 TO: August 31, 1991
PROJECT: GOODSPRINGS - FLOOD CONTROL
DESCRIPTION: DESIGN AND CONSTRUCT BERM AND CHANNEL ALONG SOUTH SIDE OF TOWN AND WIDEN CHANNEL ALONG PACIFIC ST. ON NORTH SIDE OF TOWN.

PERCENT COMPLETE: 6% ESTIMATED COST OF PROJECT: $99,000.00

SCHEDULE FOR COMPLETION:

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<td>R/W CLEARANCES</td>
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<td>ENVIR CLEARANCES</td>
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<td>BIDS OPEN</td>
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<td>CONSTRUCTION START</td>
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<td>CONSTRUCTION COMPLETE</td>
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</table>

CONSULTANT/PROJECT MANAGER: G. C. WALLACE
CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS: NONE

WORK COMPLETED DURING CURRENT MONTH:
RFCD EXECUTED CONTRACT WITH CONSULTANT FOR UPDATE. DRAFT SUBMITTED 07/17/91. ENGINEER'S SERVICE AGREEMENT.

WORK TO BE COMPLETED DURING NEXT MONTH:
MASTER PLAN UPDATE (DRAINAGE)

PROJECT MANAGER: CATANESE PHONE #: 455-8309
REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS  DATE PREPARED: 08/26/91

REVIEW PERIOD FROM: August 1, 1991 TO: August 31, 1991

PROJECT: LAUGHLIN - HIKO SPRINGS

DESCRIPTION: DESIGN FACILITY ON HIKO SPRINGS TO CONTROL 100-YEAR FLOWS. FACILITIES INCLUDE DETENTION BASIN, CHANNEL, AND FIVE BRIDGES.

PERCENT COMPLETE: 4%  ESTIMATED COST OF PROJECT: $19,000,000.00

SCHEDULE FOR COMPLETION:
(DATES)

R/W CLEARANCES

ENVIR CLEARANCES

BIDS OPEN

CONSTRUCTION START

CONSTRUCTION COMPLETE

CONSULTANT/PROJECT MANAGER: BOYLE ENG'G

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS:
SCHEDULE IS DEPENDENT ON SID FUNDING, LESS THAN 50% SUPPORT AT PRESENT

WORK COMPLETED DURING CURRENT MONTH:
PRE-DESIGN COMPLETE

WORK TO BE COMPLETED DURING NEXT MONTH:
SCHEDULE SID STEPS TO DETERMINE ACCEPTANCE LEVEL.

PROJECT MANAGER: BRANDT  PHONE #: 455-7707
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS DATE PREPARED: 08/26/91
REVIEW PERIOD FROM: August 1, 1991 TO: August 31, 1991
PROJECT: MOAPA VALLEY - LOGAN WASH DIVERSION/CHANNEL PHASE 1 & 2
DESCRIPTION: DESIGN DIVERSION OF LOGAN WASH INTO ANDERSON WASH TO REDUCE PEAK FLOWS AND DESIGN FLOOD CONVEYANCE TO MUDDY RIVER.
PERCENT COMPLETE: 7% ESTIMATED COST OF PROJECT: $171,500.00

SCHEDULE FOR COMPLETION:
(DATES)

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<th>Stage</th>
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</tbody>
</table>

CONSULTANT/PROJECT MANAGER: DAMES & MOORE
CONSTRUCTION PRIME CONTRACTOR: 

DELAYS OR PROBLEMS AREAS:
AQUISITION OF BLM ROW, ENVIRONMENTAL ASSESSMENT

WORK COMPLETED DURING CURRENT MONTH:
EA COMMENTS BACK, FINAL PLANS SUBMITTED--IN-HOUSE REVIEW UNTIL 08/30/91.

WORK TO BE COMPLETED DURING NEXT MONTH:
COMPLETE ROW ISSUES, APPRAISAL OF ADDITIONAL PROPERTY

PROJECT MANAGER: REZABEK  PHONE #: 455-7437
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS DATE PREPARED: 08/28/91
REVIEW PERIOD FROM: August 1, 1991 TO: August 31, 1991
PROJECT: MOAPA VALLEY - MUDDY RIVER (WEST) LEVEE
DESCRIPTION: DESIGN EARTH LEVEE ON THE WEST SIDE OF THE RIVER TO CONTAIN
100-YEAR STORM.

PERCENT COMPLETE: 64% ESTIMATED COST OF PROJECT: $1,570,000.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN _____________________________________________ 11/01/91
R/W CLEARANCES ________________________________ 11/15/91
ENVIRO CLEARANCES ________________________________
BIDS OPEN ________________________________________ 02/01/92
CONSTRUCTION START ______________________________ 07/01/92
CONSTRUCTION COMPLETE __________________________ 12/01/92

CONSULTANT/PROJECT MANAGER: THE MARK GROUP
CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:
CORRECT ROW ENGINEERING, FINAL PLANS AND REVIEW.

WORK TO BE COMPLETED DURING NEXT MONTH:
SELECT R/W ACQUISITION CONSULTANT, REVIEW AND INCORPORATE FINAL COMMENTS,
ESTABLISH SCHEDULE.

PROJECT MANAGER: REZABEK PHONE #: 455-7437
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS  DATE PREPARED: 08/26/91

REVIEW PERIOD FROM: August 1, 1991  TO: August 31, 1991

PROJECT: NELSON FLOOD CONTROL

DESCRIPTION: DESIGN AND CONSTRUCT DIVERSION BERM UPSTREAM OF ROAD. WIDEN CHANNEL AND DIP.

PERCENT COMPLETE: 1%  ESTIMATED COST OF PROJECT: $70,000.00

SCHEDULE FOR COMPLETION:

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<tr>
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<th>ENVIR CLEARANCES</th>
<th>BIDS OPEN</th>
<th>CONSTRUCTION START</th>
<th>CONSTRUCTION COMPLETE</th>
</tr>
</thead>
</table>

CONSULTANT/PROJECT MANAGER: G C WALLACE

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS:
NONE

WORK COMPLETED DURING CURRENT MONTH:
MET WITH CAL BLACK ON 08/23/91 TO DISCUSS ENGINEER'S SERVICE AGREEMENT.

WORK TO BE COMPLETED DURING NEXT MONTH:
REVIEW MASTER PLAN UPDATE.

PROJECT MANAGER: CATANESE  PHONE #: 455-8309
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS DATE PREPARED: 08/26/91

REVIEW PERIOD FROM: August 1, 1991 TO: August 31, 1991

PROJECT: SEARCHLIGHT - DIKE

DESCRIPTION: MASTER PLAN STRUCTURES #5014, 5015, 5016 & 5017

PERCENT COMPLETE: 1% ESTIMATED COST OF PROJECT: $172,000.00

SCHEDULE FOR COMPLETION:

(DATES)

DESIGN ___________________________

R/W CLEARANCES ___________________________

ENVIR CLEARANCES ___________________________

BIDS OPEN ___________________________

CONSTRUCTION START ___________________________

CONSTRUCTION COMPLETE ___________________________

CONSULTANT/PROJECT MANAGER: G C WALLACE

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS: NONE

WORK COMPLETED DURING CURRENT MONTH:
MASTER PLAN DRAFT SUBMITTED ON 07/17/91

WORK TO BE COMPLETED DURING NEXT MONTH:
REVIEW DRAFT REPORT

PROJECT MANAGER: CATANESE PHONE #: 455-8309
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS  DATE PREPARED: 08/26/91

REVIEW PERIOD FROM: August 1, 1991  TO: August 31, 1991

PROJECT: LAUGHLIN - UNNAMED WASH

DESCRIPTION: DESIGN FACILITY ON THE UNNAMED WASH TO CONTROL 100-YEAR STORM FLOWS. FACILITIES INCLUDE CHANNEL, SEDIMENT BASIN AND BRIDGE ON NEEDLES HWY.

PERCENT COMPLETE: 8%  ESTIMATED COST OF PROJECT: $8,000,000.00

SCHEDULE FOR COMPLETION: (DATES)

06/15/91

R/W CLEARANCES  12/20/91

ENVIR CLEARANCES  12/01/91

BIDS OPEN

CONSTRUCTION START

CONSTRUCTION COMPLETE

CONSULTANT/PROJECT MANAGER: SIMONS, LI & ASSOCIATES

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS:
PROVISIONAL ORDER HEARING HELD 06-04-91--64% PROTEST.

WORK COMPLETED DURING CURRENT MONTH:
DESIGN COMPLETE, CLMR APPLICATION SUBMITTED, 4 OF 4 PERMIT APPLICATIONS SUBMITTED.

WORK TO BE COMPLETED DURING NEXT MONTH:
REvaluate FINANCING AND RESCHEDULE SID.

PROJECT MANAGER: BRANDT  PHONE #: 455-7707
REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 08/29/91

REVIEW PERIOD FROM: 07/19/91 TO: 08/26/91

PROJECT: CLVV-1 & 2

DESCRIPTION: Angel Park Outfall and Conveyance System to Gowan  
(includes Buffalo Channel)

PERCENT COMPLETE: 84 %

ESTIMATED COST OF PROJECT: $ 4,900,000

CONSTRUCTION SCHEDULE FOR COMPLETION:

(preceded by dates)

DESIGN Complete
R/W CLEARANCE Complete
ENVIR CLEARANCES Complete
BIDS OPEN Complete
CONSTRUCTION START DATE March - 1991

CONSTRUCTION COMPLETE November - 1991 *

CONSULTANT/PROJECT MANAGER: G.C. Wallace, Inc./Mike Dunning, PE

CONSTRUCTION PRIME CONTRACTOR: Meadow Valley Contractors

DELAYS OR PROBLEMS AREA:

* 1) NPCo crossings at Smoke Ranch, Lake Mead, and Vegas have impacted the schedule. Cable has been pulled into the conduit at Smoke Ranch and Vegas Drive. However, the tie-in of the cable and energizing is pending notification of the residents involved in the power outage. The expected contract end date at this time is the 14th of November solely due to the NPCo crossing problem. 2) The BLM did not allow the hauling of the basin material off of the project. The contractor has taken the position that this material was theirs to use or sell thus has forwarded a claim. The claim is still in the investigation phase by G.C. Wallace.

WORK COMPLETED DURING CURRENT MONTH:
1) Completed North half of Lake Mead RCB. 2) Excavated approximately 228 1f (total) of the bored pipe. 3) Completed the pipe installation except for the tie-in with the bore pipe and the channel at Vegas Drive. 4) Completed the channel lining to Vegas Drive. 5) Began the vertical walls north of Lake Mead. 6) Continued the permanent fence Smoke Ranch to Lake Mead. 7) Continued backfilling and clean-up behind the channel.

WORK TO BE COMPLETED DURING NEXT MONTH:
1) Begin Smoke Ranch and Vegas Drive RCB (PENDING NPCo) 2) Compete Lake Mead RCB, South half (PENDING NPCo). 3) Complete fencing from Gowan Basin to Lake Mead. 4) Complete backfill from Lake Mead to Vegas Drive. 5) Install pipe into channel at Vegas Drive (PENDING NPCo) 6) Install inlet structure in the Angel Park Basin.

PROJECT MANAGER: Thomas D. Chiatovich, PE

PHONE #: 229-6276
<table>
<thead>
<tr>
<th>DESIGN</th>
<th>December - 91</th>
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<td>March - 92</td>
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<tr>
<td>CONSTRUCTION COMPLETE</td>
<td>July - 92</td>
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CONSULTANT/PROJECT MANAGER: N/A  
CONSTRUCTION PRIME CONTRACTOR: N/A  

DELAYS OR PROBLEMS AREA:  
* Depends on executing design by September 91.  
** Depends on Bond Funding being available in November 91.  

WORK COMPLETED DURING CURRENT MONTH:  
Interlocal Contract pending board approval.  

WORK TO BE COMPLETED DURING NEXT MONTH:  
Consultant selection and start negotiations  

PROJECT MANAGER: Thomas D. Chiatovich, PE  
PHONE #: 229-6276
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Las Vegas
DATE PREPARED: 08/30/91

REVIEW PERIOD FROM: 07/30/91 TO: 08/30/91

PROJECT: Buffalo Channel (Westcliff to Summerlin)
DESCRIPTION: Oversizing of RTC Project (Buffalo Interchange)

PERCENT COMPLETE: 0 % ESTIMATED COST OF PROJECT: $ 690,000

Construction SCHEDULE FOR COMPLETION:
(dates)

DESIGN Complete
R/W CLEARANCE Complete
ENVIR CLEARANCES Complete
BIDS OPEN January - 92
CONSTRUCTION START DATE March - 92
CONSTRUCTION COMPLETE February - 93

CONSULTANT/PROJECT MANAGER: GB&L / George Brizendine, PE
CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA: 

WORK COMPLETED DURING CURRENT MONTH:
Interlocal Contract drafted.

WORK TO BE COMPLETED DURING NEXT MONTH:
Submit Interlocal Contract and make design presentation.

PROJECT MANAGER: Brain Walsh, PE PHONE #: 229-6276
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Las Vegas DATE PREPARED: 08/29/91

REVIEW PERIOD FROM: 07/18/91 TO: 08/22/91

PROJECT: CLVV-4 (Phase II)

DESCRIPTION: Carey-Lake Mead Detention Basin at North Las Vegas Airport

PERCENT COMPLETE: 100% ESTIMATED COST OF PROJECT: $4,000,000

DESIGN SCHEDULE FOR COMPLETION:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>April 1991</td>
<td>Design</td>
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<td>May 1991</td>
<td>R/W Clearance</td>
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<td>January 1991</td>
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<tr>
<td>September 1991</td>
<td>Bids Open</td>
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<tr>
<td>November 1991</td>
<td>Construction Start Date</td>
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<tr>
<td>July 1992</td>
<td>Construction Complete</td>
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</tbody>
</table>

CONSULTANT/PROJECT MANAGER: VTN Nevada/Ken Gilbreth, PE

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:
Nevada Power should have transmission poles moved by November, 1991.

WORK COMPLETED DURING CURRENT MONTH:
Bid advertised on 1 August 1991.

WORK TO BE COMPLETED DURING NEXT MONTH:

PROJECT MANAGER: Joe Christensen, PE PHONE #: 229-2212
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 08/29/91

REVIEW PERIOD FROM: 07/22/91 TO: 08/29/91

PROJECT: CLV-4, Phase I-Section 2

DESCRIPTION: Regional storm drain between Rancho and Tonopah

PERCENT COMPLETE: 58%

ESTIMATED COST OF PROJECT: $459,316

CONSTRUCTION OF ROADWAY PROJECT CCRFCD PORTION ONLY

SCHEDULE FOR COMPLETION:

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<td>CONSTRUCTION START DATE</td>
<td>May - 1991</td>
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<tr>
<td>CONSTRUCTION COMPLETE</td>
<td>February - 1992</td>
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</table>

CONSULTANT/PROJECT MANAGER: VTN Nevada/Ken D. Gilbreth, P.E.

CONSTRUCTION PRIME CONTRACTOR: Las Vegas Paving Corporation

DELAYS OR PROBLEMS AREA:

WORK COMPLETED DURING CURRENT MONTH:

Completed 90-inch main. Completed laterals from Tonopah to Allen.

WORK TO BE COMPLETED DURING NEXT MONTH:

Continue lateral installation and start drop inlets. Complete tie-in of new 90-inch main to existing at Rancho.

PROJECT MANAGER: Brian Walsh, P.E. PHONE #: 229-6733
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Las Vegas  DATE PREPARED: 08/29/91

REVIEW PERIOD FROM: 07/22/91 TO: 08/29/91

PROJECT: CLVV-4, Phase IB

DESCRIPTION: Regional storm drain between Winwood and Rancho

PERCENT COMPLETE: 86%  ESTIMATED COST OF PROJECT: $ 670,184

CONSTRUCTION OF ROADWAY PROJECT CCRFCD PORTION ONLY

SCHEDULE FOR COMPLETION:

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<td>BIDS OPEN Complete</td>
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<td>CONSTRUCTION START DATE November - 1990</td>
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CONSTRUCTION COMPLETE Storm Drain Complete - Roadwork October - 91 *

CONSULTANT/PROJECT MANAGER: SEA Engineers / Ken Ackeret, PE

CONSTRUCTION PRIME CONTRACTOR: Hackett Environmental Systems

DELAYS OR PROBLEMS AREA:

* Contractor has been given a 53-day extension due to ground water, caliche and utility conflicts.

WORK COMPLETED DURING CURRENT MONTH:

Storm Drain system is complete.

WORK TO BE COMPLETED DURING NEXT MONTH:

Roadway construction is continuing.

PROJECT MANAGER: Brian Walsh, P.E.  PHONE #: 229-6733
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 08/29/91

REVIEW PERIOD FROM: 07/22/91 TO: 08/29/91

PROJECT: CLVV-4. Phase I-Section 1

DESCRIPTION: Regional storm drain between Tonopah and I-15

PERCENT COMPLETE: 90% ESTIMATED COST OF PROJECT: $101,917

CONSTRUCTION OF ROADWAY PROJECT

SCHEDULE FOR COMPLETION:

DATES

DESIGN Complete
R/W CLEARANCE Complete
ENVIR CLEARANCES Complete
BIDS OPEN Complete
CONSTRUCTION START DATE December - 1990

CONSTRUCTION COMPLETE Storm Drain Complete, Road Work Sept. - 91*

CONSULTANT/PROJECT MANAGER: VTN Nevada/Ken D. Gilbreth, P.E.

CONSTRUCTION PRIME CONTRACTOR: Las Vegas Paving Corporation

DELAYS OR PROBLEMS AREA:

* Storm drain construction is complete. Schedule for completion of road work has been delayed because NPCo and Centel have taken approximately 6 months to remove poles in our right-of-way.

WORK COMPLETED DURING CURRENT MONTH:

Storm drain construction is complete, including all laterals and drop inlets.

WORK TO BE COMPLETED DURING NEXT MONTH:

Continue roadway construction.

PROJECT MANAGER: Brian Walsh, P.E. PHONE #: 229-6733
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Las Vegas DATE PREPARED: 08/30/91

REVIEW PERIOD FROM: 07/30/91 TO: 08/30/91

PROJECT: CLVV-3

DESCRIPTION: Gowan Detention Basin

PERCENT COMPLETE: 96 % ESTIMATED COST OF PROJECT: $10,300,000

DESIGN SCHEDULE FOR COMPLETION:

<table>
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<tr>
<th>DESIGN</th>
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<tr>
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<td>January - 92 **</td>
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<tr>
<td>CONSTRUCTION COMPLETE</td>
<td>January - 93 **</td>
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</tbody>
</table>

CONSULTANT/PROJECT MANAGER: Poggemeyer Design Group/Larry Carroll

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:

* Completion and printing of bid package will await construction funding so that bid dates can be determined.

** Assumes Bond Funding Available in November - 91

WORK COMPLETED DURING CURRENT MONTH:
Continue Design.

WORK TO BE COMPLETED DURING NEXT MONTH:
Continue Design.

PROJECT MANAGER: Thomas D. Chiatovich, PE PHONE #: 229-6276
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Las Vegas
DATE PREPARED: 09/03/91

REVIEW PERIOD FROM: 07/30/91 TO: 09/03/91

PROJECT: Gowan North Channel (Phase II Project)

DESCRIPTION: Channel to intercept and convey flows from the northwest into the Gowan North Detention Basin

PERCENT COMPLETE: 0 %

ESTIMATED COST OF PROJECT: $ 7,490,000

DESIGN SCHEDULE FOR COMPLETION:
- DESIGN February - 92
- R/W CLEARANCE Unknown
- ENVIR CLEARANCES Unknown
- BIDS OPEN FY 97/98
- CONSTRUCTION START DATE FY 97/98
- CONSTRUCTION COMPLETE FY 97/98

CONSULTANT/PROJECT MANAGER: Unknown
CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:

WORK COMPLETED DURING CURRENT MONTH:
CLV has selected an engineer pending Review Committee concurrence.

WORK TO BE COMPLETED DURING NEXT MONTH:
Draft scope of work for consultant negotiations.

PROJECT MANAGER: Randy L. Fultz, PE
PHONE #: 229-6276
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 08/30/91

REVIEW PERIOD FROM: 07/30/91 TO: 08/30/91

PROJECT: CLVV-3

DESCRIPTION: Gowan Detention Basin (outfall)

PERCENT COMPLETE: 96%  ESTIMATED COST OF PROJECT: $ 5,700,000

DESIGN SCHEDULE FOR COMPLETION:
(dates)

DESIGN Essentially Complete
R/W CLEARANCE Essentially Complete
ENVIR CLEARANCES None Needed
BIDS OPEN November - 91
CONSTRUCTION START DATE December - 91
CONSTRUCTION COMPLETE June - 92

CONSULTANT/PROJECT MANAGER: Poggemeyer Design Group/Larry Carroll

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:

WORK COMPLETED DURING CURRENT MONTH:

Final Review.

WORK TO BE COMPLETED DURING NEXT MONTH:

Print and bid job.

PROJECT MANAGER: Thomas D. Chiatovich, PE  PHONE #: 229-6276
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 08/29/91

REVIEW PERIOD FROM: 07/29/91 TO: 08/29/91

PROJECT: CLVV-5

DESCRIPTION: Oakey Boulevard Detention and Conveyance

PERCENT COMPLETE: 55 %

ESTIMATED COST OF PROJECT: $10,000,000

DESIGN SCHEDULE FOR COMPLETION:

- DESIGN December - 1991
- R/W CLEARANCE Alignment established/Checking R/W
- ENVIR CLEARANCES Complete
- BIDS OPEN January - 1992
- CONSTRUCTION START DATE February - 1992
- CONSTRUCTION COMPLETE November - 1992

CONSULTANT/PROJECT MANAGER: Boyle Engineering Corp./Gerald Moleton, PE

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:

** Depends on Bond Funds being available in November - 91.

WORK COMPLETED DURING CURRENT MONTH:

Pipe size increased from 12-foot dry lane criteria due to 6-inch intersection criteria for minor storm and depth-velocity criteria for major storm.

Pre-design report received for method to collect Sahara Flows into the Oakey Detention Basin.

WORK TO BE COMPLETED DURING NEXT MONTH:

Ongoing design for outfall and detention basin. Approve alternative for Sahara connection.

PROJECT MANAGER: Randy L. Fultz, PE

PHONE #: 229-6276
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Las Vegas  DATE PREPARED: 08/30/91

REVIEW PERIOD FROM: 07/30/91 TO: 08/30/91

PROJECT: CLVV-9B

DESCRIPTION: Washington Avenue System (From Sandhill west)

PERCENT COMPLETE: 0%  ESTIMATED COST OF PROJECT: $23,000,000

DESIGN SCHEDULE FOR COMPLETION:

- DESIGN: May - 92
- R/W CLEARANCE: Complete
- ENVIR CLEARANCES: Complete
- BIDS OPEN: Not Scheduled
- CONSTRUCTION START DATE: Not Scheduled
- CONSTRUCTION COMPLETE: Not Scheduled

CONSULTANT/PROJECT MANAGER: N/A

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:

WORK COMPLETED DURING CURRENT MONTH:

Interlocal Contract approved for $413,000.

WORK TO BE COMPLETED DURING NEXT MONTH:

Draft scope of work and start negotiations with design consultant.

PROJECT MANAGER: Thomas D. Chiatovich, PE  PHONE #: 229-6276
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of Las Vegas DATE PREPARED: 08/30/91

REVIEW PERIOD FROM: 07/30/91 TO: 08/30/91

PROJECT: CLVV-9A

DESCRIPTION: Washington Avenue System / Sandhill Outlet

PERCENT COMPLETE: 96 % ESTIMATED COST OF PROJECT: $1,700,000

DESIGN SCHEDULE FOR COMPLETION:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td></td>
<td>DESIGN Essentially Complete</td>
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<tr>
<td></td>
<td>R/W CLEARANCE</td>
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<td>ENVIR CLEARANCES</td>
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<td></td>
<td>BIDS OPEN December - 91</td>
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<td>CONSTRUCTION START DATE January - 92 **</td>
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<td>CONSTRUCTION COMPLETE June - 92 **</td>
</tr>
</tbody>
</table>

CONSULTANT/PROJECT MANAGER: MEA/Laural Gubler, PE
CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:

* Bid Package will be printed after funding is secure and bid schedule is finalized.

** Depends on bond funding being available in November 91.

WORK COMPLETED DURING CURRENT MONTH:

Hold Interlocal Contract until October at CCRFCD request.

WORK TO BE COMPLETED DURING NEXT MONTH:

Proceed with review of 95% design package and finalize design.

PROJECT MANAGER: Thomas D. Chiatovich, PE PHONE #: 229-6276
PROJECT STATUS REPORT

ENTITY: Boulder City

DATE PREPARED: 8/30/91

REVIEW PERIOD FROM: August 1 - August 31, 1991

PROJECT: Hemenway Wash

DESCRIPTION: Wide shallow flood plain with control low flow channel and stabilized over bank, detention basins, debris basins, outlet works, pipes, channel, dikes, culverts & other appurtenances.

PERCENT COMPLETED: 5% ESTIMATED COST OF PROJECT: $4,339,000.00

SCHEDULE OF COMPLETION:

<table>
<thead>
<tr>
<th>DESIGN</th>
<th>Sep-91</th>
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<tbody>
<tr>
<td>RAW CLEARANCES</td>
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<tr>
<td>ENVIR CLEARANCES</td>
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<tr>
<td>BIDS OPEN</td>
<td>Oct-91</td>
</tr>
<tr>
<td>START CONSTRUCTION</td>
<td>Oct-91</td>
</tr>
<tr>
<td>CONSTRUCTION COMPLETE</td>
<td>Oct-92</td>
</tr>
</tbody>
</table>

CONSULTANT/PROJECT MANAGER: Cow & Van Loo, Paul Hoskins

CONSTRUCTION PRIME CONTRACTOR: Max Riga Construction Company

DELAYS OR PROBLEMS AREAS:

Redesign of a portion of the project due to property owner concerns.
The St. Jude’s Basin is being deleted and replaced with other facilities.

WORK TO BE COMPLETED DURING CURRENT MONTH:

Complete amendment to Boulder City Master Plan.

WORK TO BE COMPLETED DURING NEXT MONTH:

Complete final plans and specification.
Submit to CCFCD for review.

PROJECT MANAGER: Phillip T. Henry

PHONE 293-9200
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Henderson

DATE: September 3, 1991

REVIEW PERIOD FROM: July 31, 1991 TO: August 31, 1991

PROJECT: C-1 Channel System Design

DESCRIPTION: Design of 6 miles of concrete channel, 2 miles of pipe, and two detention basins with about 500 AF of storage.

PERCENT COMPLETE: 0%

ESTIMATED COST OF PROJECT: $600,000

SCHEDULE FOR COMPLETION:
(dates)

DESIGN May, 1992

R/W CLEARANCES February, 1992

ENVIR CLEARANCES February, 1992

BIDS OPEN July, 1992

START CONSTRUCTION August, 1992

CONSTRUCTION COMPLETE March, 1993

CONSULTANT/PROJECT MANAGER: None

CONSTRUCTION PRIME CONTRACTOR: None

DELAYS OR PROBLEM AREAS:
Interlocal Contract approved subject to availability of funding.

WORK COMPLETED DURING CURRENT MONTH:
Interlocal Contract approved.

WORK TO BE COMPLETED DURING NEXT MONTH:
None

PROJECT MANAGER: Curt Chandler

PHONE # 565-2329

form -psr 10/26/90
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY City of Henderson DATE September 3, 1991

REVIEW PERIOD FROM: July 31, 1991 TO: August 31, 1991

PROJECT: Green Valley Parkway Bridge at Pittman Wash

DESCRIPTION: Bridge 120 feet long, 98 feet wide over Pittman Wash with a flow capacity of 10,000 cfs.

PERCENT COMPLETE: 100% ESTIMATED COST OF PROJECT: $1,281,000

SCHEDULE FOR COMPLETION:
(dates)

DESIGN Completed
R/W CLEARANCES Completed
ENVIR CLEARANCES Completed
BIDS OPEN Completed
START CONSTRUCTION Completed
CONSTRUCTION COMPLETE Completed

CONSULTANT/PROJECT MANAGER: ESI

CONSTRUCTION PRIME CONTRACTOR: Las Vegas Paving

DELAYS OR PROBLEM AREAS:
None

WORK COMPLETED DURING CURRENT MONTH:
Project has been completed.

WORK TO BE COMPLETED DURING NEXT MONTH:
Final payments to contractor to be made.

PROJECT MANAGER: Curt Chandler PHONE # 565-2329
form -psr 10/26/90
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY City of Henderson DATE September 3, 1991

REVIEW PERIOD FROM: July 31, 1991 TO: August 31, 1991

PROJECT: Pittman Wash Channel, Phase I

DESCRIPTION: Concrete lined channel approximately 1 mile long with a capacity of 10,600 cfs. Extends from Stephanie Street to Sunset Road

PERCENT COMPLETE: 100% ESTIMATED COST OF PROJECT: $3,000,000

SCHEDULE FOR COMPLETION:

DATES

DESIGN Completed
R/W CLEARANCES Completed
ENVIR CLEARANCES Completed
BIDS OPEN Completed
START CONSTRUCTION Completed
CONSTRUCTION COMPLETE Completed

CONSULTANT/PROJECT MANAGER: Black and Veatch, Steve Roberts

CONSTRUCTION PRIME CONTRACTOR: Superior Gunite

DELAYS OR PROBLEM AREAS:
None.

WORK COMPLETED DURING CURRENT MONTH:
None

WORK TO BE COMPLETED DURING NEXT MONTH:
Final payments to contractor to be made.

PROJECT MANAGER: Curt Chandler PHONE #: 565-2329
form -psr 10/26/90
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Henderson

DATE: September 3, 1991

REVIEW PERIOD FROM: July 31, 1991 TO: August 31, 1991

PROJECT: Pittman Wash Channel Phase II

DESCRIPTION: Concrete lined channel approximately 1 mile long with a capacity of 10,600 cfs. Extends from Sunset to Santiago

PERCENT COMPLETE: 10% ESTIMATED COST OF PROJECT: $3,500,000

SCHEDULE FOR COMPLETION:

-design completed
-R/W CLEARANCES completed
-ENVIR CLEARANCES completed
-BIDS OPEN September, 1991
-START CONSTRUCTION November, 1991
-CONSTRUCTION COMPLETE May, 1992

CONSULTANT/PROJECT MANAGER: Black and Veatch/Steve Roberts

CONSTRUCTION PRIME CONTRACTOR: None

DELAYS OR PROBLEM AREAS:

CCRFCD funding will not be available until October, 1991.

WORK COMPLETED DURING CURRENT MONTH:

-Interlocal Agreement for construction approved and plans were signed.

WORK TO BE COMPLETED DURING NEXT MONTH:

-Bids will be advertised.

PROJECT MANAGER: Curt Chandler

PHONE #: 565-2329

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CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY City of Henderson DATE September 3, 1991

REVIEW PERIOD FROM: July 31, 1991 TO: August 31, 1991

PROJECT: Pittman Wash Channel Phase III

DESCRIPTION: Concrete lined channel approximately 4,500 feet long with a capacity of 10,600 cfs. Extends from Duck Creek to Stephanie Street

PERCENT COMPLETE: 2% ESTIMATED COST OF PROJECT: $3,800,000

SCHEDULE FOR COMPLETION:
(dates)

DESIGN November 1991
R/W CLEARANCES July 1991
ENVIR CLEARANCES November 1991
BIDS OPEN January 1992
START CONSTRUCTION February 1992
CONSTRUCTION COMPLETE August 1992

CONSULTANT/PROJECT MANAGER: None

CONSTRUCTION PRIME CONTRACTOR: None

DELAYS OR PROBLEM AREAS: NONE

WORK COMPLETED DURING CURRENT MONTH:
Pre-design study completed.

WORK TO BE COMPLETED DURING NEXT MONTH:
Begin final design.

PROJECT MANAGER: Curt Chandler PHONE #: 565-2329
form -psr 10/26/90
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY City of Henderson DATE September 3, 1991

REVIEW PERIOD FROM: July 31, 1991 TO: August 31, 1991

PROJECT: UPRR Channel

DESCRIPTION: Design of concrete-lined channel approximately 3 miles long from Pecos Road to Pittman Wash in UPRR right of way.

PERCENT COMPLETE: 0% ESTIMATED COST OF PROJECT: $150,000.00

SCHEDULE FOR COMPLETION:
(dates)

DESIGN January, 1992
R/W CLEARANCES October, 1991
ENVIR CLEARANCES October, 1991
BIDS OPEN January, 1992
START CONSTRUCTION February, 1992
CONSTRUCTION COMPLETE August, 1992

CONSULTANT/PROJECT MANAGER: None
CONSTRUCTION PRIME CONTRACTOR: None

DELAYS OR PROBLEM AREAS:
Interlocal contract submitted to CCRFCD. Funding will not be available until approximately September, 1991.

WORK COMPLETED DURING CURRENT MONTH:
Request for right-of-way submitted to Union Pacific Railroad.

WORK TO BE COMPLETED DURING NEXT MONTH:
Select consultant for design and begin design subject to availability of funds from CCRFCD.

PROJECT MANAGER: Curt Chandler PHONE # 565-2329
form -psr 10/26/90
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CITY OF MESQUITE DATE PREPARED: AUGUST 30, 1991

REVIEW PERIOD FROM: 7/30/91 TO: 8/30/91

PROJECT: TOWN WASH DETENTION BASIN

DESCRIPTION: DESIGN PHASE

PERCENT COMPLETE: 95% ESTIMATED COST OF PROJECT: $ 660,000.00

SCHEDULE FOR COMPLETION:
(dates)

DESIGN October, 1991
R/W CLEARANCES Depends on BLM
ENVIR CLEARANCES October, 1991
BIDS OPEN December, 1991
START CONSTRUCTION December, 1991
CONSTRUCTION COMPLETE June, 1992

CONSULTANT/PROJECT MANAGER: CH2M Hill/Martin Nicholson

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREAS:
Mining claims previously filed in the Detention Basin Area have temporarily prevented completion of the Environmental Assessment and issuance of the Free Use Permit and Right-of-Way Applications.

WORK COMPLETED DURING CURRENT MONTH:
Informal consultation with the U.S. Fish and Wildlife was completed and documentation received on August 26. Negotiations have been continuing for clearance of the mining claims. The City has hired an attorney that has direct experience with such issues.

WORK TO BE COMPLETED DURING NEXT MONTH:
On-going negotiations with mining claim holders.

PROJECT MANAGER: [Signature] FOR: [Signature] PHONE #: 369-675

FROM 09/04/91 13:49 P. 2
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CITY OF NORTH LAS VEGAS  DATE PREPARED: 8/30/91

REVIEW PERIOD FROM: 8/01/91 TO: 8/30/91

PROJECT: GOWAN OUTFALL STRUCTURE

DESCRIPTION: CONSTRUCTION OF THE OUTFALL STRUCTURE FOR THE GOWAN ROAD DETENTION BASIN SYSTEM

PERCENT COMPLETE: 30% ESTIMATED COST OF PROJECT: $11,806,000
construction
$1,366,000 eng. & adm. $13,172,000
dena.

SCHEDULE FOR COMPLETION:
(dates)

RECEIVED
SEP 3 1991

REGIONAL FLOOD CONTROL DISTRICT

CONSULTANT/PROJECT MANAGER: VTN NEVADA/CITY OF NORTH LAS VEGAS

CONSTRUCTION PRIME CONTRACTOR: LAS VEGAS PAVING CORPORATION

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:

Construction in progress.

WORK TO BE COMPLETED DURING NEXT MONTH:

Construction in progress.

PROJECT MANAGER: JERRY STEGEMAN

PHONE #: 649-0261

form - par 10/26/90
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CITY OF NORTH LAS VEGAS DATE PREPARED: 8/30/91

REVIEW PERIOD FROM: 8/01/91 TO: 8/30/91

PROJECT: WESTERN TRIBUTARY TO THE LAS VEGAS WASH

DESCRIPTION: LINED CHANNEL BETWEEN COMMERCE STREET AND LONE MOUNTAIN ROAD
AKA STIMSON CHANNEL

PERCENT COMPLETE: 5 % ESTIMATED COST OF PROJECT: $273,119 developer
262,409 CCRFCD
535,528

SCHEDULE FOR COMPLETION:

- DESIGN COMPLETE
- R/W CLEARANCES N/A
- ENVIR CLEARANCES N/A
- BIDS OPEN COMPLETE
- START CONSTRUCTION PENDING
- CONSTRUCTION COMPLETE PENDING

CONSULTANT/PROJECT MANAGER: VTN NEVADA/CITY OF NORTH LAS VEGAS

CONSTRUCTION PRIME CONTRACTOR: LAS VEGAS PAVING CORPORATION

DELAYS OR PROBLEMS AREAS:

Difficulties in securing developer participation.

WORK COMPLETED DURING CURRENT MONTH:

Attempted to secure developer participation.

WORK TO BE COMPLETED DURING NEXT MONTH:

Continue to attempt to secure developer participation or seek additional funds.

PROJECT MANAGER: BY: GIL GILPIN PHONE #: 649-0270
form -psr 10/26/90
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CITY OF NORTH LAS VEGAS DATE PREPARED: 8/30/91

REVIEW PERIOD FROM: 8/01/91 TO: 8/30/91

PROJECT: KYLE CANYON DETENTION BASIN

DESCRIPTION: DESIGN AND PREPARE PLANS AND SPECIFICATIONS FOR DETENTION BASIN AND COLLECTION DIKES

PERCENT COMPLETE: 0 % ESTIMATED COST OF PROJECT: $ 450,000 design phase

SCHEDULE FOR COMPLETION:

- DESIGN: JUNE 1992
- R/W CLEARANCES: AUGUST 1992
- ENVIR CLEARANCES: AUGUST 1992
- BIDS OPEN: OCTOBER 1992
- START CONSTRUCTION: DECEMBER 1992
- CONSTRUCTION COMPLETED: DECEMBER 1993

CONSULTANT/PROJECT MANAGER: To be determined

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:

- Develop procedure for contract design engineer selection.

WORK TO BE COMPLETED DURING NEXT MONTH:

- Select design engineer.

PROJECT MANAGER: BY: GIL GILPIN PHONE #: 649-0270

form -par 10/26/90
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CITY OF NORTH LAS VEGAS  DATE PREPARED: 8/30/91
REVIEW PERIOD FROM: 8/01/91 TO: 8/30/91

PROJECT: UPPER WASH DETENTION BASIN
DESCRIPTION: DESIGN OF FLOOD CONTROL IMPROVEMENTS ASSOC. WITH THE UPPER WASH DETENTION BASIN IN THE VICINITY OF FLOYD LAMB STATE PARK
PERCENT COMPLETE: 5%  ESTIMATED COST OF PROJECT: $ 12 to 15 Million

SCHEDULE FOR COMPLETION:
(dates)

DESIGN COMPLETE
R/W CLEARANCES SEPTEMBER 1991
ENVIR CLEARANCES SEPTEMBER 1991
BIDS OPEN DECEMBER 1991
START CONSTRUCTION FEBRUARY 1992
CONSTRUCTION COMPLETE FEBRUARY 1993

CONSULTANT/PROJECT MANAGER: BLACK AND VEATCH
CONSTRUCTION PRIME CONTRACTOR: To be determined

DELAYS OR PROBLEMS AREAS:

Environmental clearances needed to be obtained.
Public and private land needs to be acquired.
One private parcel required condemnation.

WORK COMPLETED DURING CURRENT MONTH:

Completed environmental clearances.
Formalized right-of-way purchases and condemnation.
Various inquiries and follow-up on release of Bureau of Land Management land.

WORK TO BE COMPLETED DURING NEXT MONTH:

Pursue release of B.L.M. land.

PROJECT MANAGER: BY: GIL GILPIN  PHONE #: 649-0270
form -psr 10/26/90
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY:  CITY OF NORTH LAS VEGAS  DATE PREPARED:  8/30/91

REVIEW PERIOD FROM:  8/01/91  TO:  8/30/91

PROJECT: WEST RANGE WASH DIVERSION DIKE

DESCRIPTION: DESIGN, PREPARE PLANS AND SPECIFICATIONS FOR 5-1/2 MILE LONG DIKE AND APPURTENANCES

PERCENT COMPLETE: 5%  ESTIMATED COST OF PROJECT: $350,000 design phase

SCHEDULE FOR COMPLETION:
(dates)
DESIGN  FEBRUARY 1992
R/W CLEARANCES  FEBRUARY 1992
ENVIR CLEARANCES  FEBRUARY 1993
BIDS OPEN  APRIL 1992
START CONSTRUCTION  JUNE 1992
CONSTRUCTION COMPLETE  MARCH 1993

CONSULTANT/PROJECT MANAGER: BOYLE ENGINEERING

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS:
Resolution of official boundary limits of wilderness study area at north boundary of project. Delayed mapping by two weeks.

WORK COMPLETED DURING CURRENT MONTH:
Resolved difficulty with location of boundary of wilderness study area. B.L.M. moved boundary north to allow effective dike location north of east-west section line.
Gained re-entry into B.L.M. land. Completed ground control.
Completed 25% of mapping. Completed 25% of erosion/sedimentation control methodology.

WORK TO BE COMPLETED DURING NEXT MONTH:
Complete 75% of mapping.
Obtain assurance that B.L.M. land is available without undue financial burden or delay.

PROJECT MANAGER: BY: GIL GILPIN  PHONE #: 649-0270
form -par 10/26/90
REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

<table>
<thead>
<tr>
<th>ENTITY: Boulder City</th>
<th>DATE PREPARED: 8/30/91</th>
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<tbody>
<tr>
<td>REVIEW PERIOD FROM:</td>
<td>August 1 - August 31, 1991</td>
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</table>

<table>
<thead>
<tr>
<th>PROJECT: Georgia Avenue Channel</th>
<th>DESCRIPTION: Concrete lining of approximately 5,000 lineal feet of channel including excavation, base, fending, &amp; related items.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERCENT COMPLETE: 98%</td>
<td>ESTIMATED COST OF PROJECT: $517,416.50</td>
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<tr>
<th>SCHEDULE OF COMPLETION: (dates)</th>
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<tr>
<td>DESIGN</td>
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<td>R/W CLEARANCES</td>
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<td>ENVIR CLEARANCES</td>
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<tr>
<td>BIDS OPEN</td>
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<tr>
<td>START CONSTRUCTION</td>
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<tr>
<td>CONSTRUCTION COMPLETE</td>
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</table>

| CONSULTANT/PROJECT MANAGER: Kennedy/JenksChilton - Bill Coleman |
| CONSTRUCTION PRIME CONTRACTOR: Max Riggs Construction Company |

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<tr>
<th>DELAYS OR PROBLEMS AREAS:</th>
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<tr>
<th>WORK TO BE COMPLETED DURING CURRENT MONTH:</th>
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<tbody>
<tr>
<td>Start LOMR process for FEMA review.</td>
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</table>

<table>
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<tr>
<th>WORK TO BE COMPLETED DURING NEXT MONTH:</th>
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</thead>
<tbody>
<tr>
<td>Complete LOMR and submit to CCRFCD and Boulder City for review.</td>
</tr>
</tbody>
</table>

| PROJECT MANAGER: Phillip T. Henry | PHONE #: 293-9200 |
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CITY OF NORTH LAS VEGAS DATE PREPARED: 8/30/91

REVIEW PERIOD FROM: 8/01/91 TO: 8/30/91

PROJECT: LAS VEGAS WASH (KING CHARLES DIVERSION CHANNEL)

DESCRIPTION: FLOOD CHANNEL IMPROVEMENTS FROM CRAIG ROAD TO THE LAS VEGAS WASH PARALLEL TO THE UPRR

PERCENT COMPLETE: 99% ESTIMATED COST OF PROJECT: $1,775,000

SCHEDULE FOR COMPLETION:

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Design Complete</td>
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<tr>
<td>R/W Clearances Complete</td>
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<td>Envir Clearances Complete</td>
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<tr>
<td>Bids Open Complete</td>
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<tr>
<td>Start Construction Complete</td>
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<tr>
<td>Construction Complete June</td>
<td>1991</td>
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</tbody>
</table>

CONSULTANT/PROJECT MANAGER: JAMES M. MONTGOMERY CONSULTING ENGINEERS
CONSTRUCTION PRIME CONTRACTOR: MAX RIGGS CONSTRUCTION

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:

Punch list items near completion.

WORK TO BE COMPLETED DURING NEXT MONTH:

Final pay estimate and acceptance of the project by CNLV.

PROJECT MANAGER: JAMES A. BELL PHONE #: 649-0261
form -psr 10/26/90
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CITY OF NORTH LAS VEGAS DATE PREPARED: 8/30/91

REVIEW PERIOD FROM: 8/01/91 TO: 8/30/91

PROJECT: LAS VEGAS WASH, I-15 TO PECOS

DESCRIPTION: CONSTRUCTION OF A PORTION OF THE LAS VEGAS WASH NEAR I-15
("A" CHANNEL)

PERCENT COMPLETE: 65 % ESTIMATED COST OF PROJECT: $ 447,000 construction
62,000 eng. & adm.
509,000

SCHEDULE FOR COMPLETION:
(dates)

DESIGN COMPLETE
R/W CLEARANCES COMPLETE
ENVIR CLEARANCES COMPLETE
BIDS OPEN COMPLETE
START CONSTRUCTION COMPLETE MAY 1991
CONSTRUCTION COMPLETE SEPTEMBER 1991

CONSULTANT/PROJECT MANAGER: BLACK AND VEATCH/CITY OF NORTH LAS VEGAS

CONSTRUCTION PRIME CONTRACTOR: MAX RIGGS CONSTRUCTION

DELAYS OR PROBLEMS AREAS:

Schedule has slipped approximately two weeks due to poor weather.

WORK COMPLETED DURING CURRENT MONTH:

Construction in progress.

WORK TO BE COMPLETED DURING NEXT MONTH:

Construction to be substantially complete. Punch list to be prepared.

PROJECT MANAGER: JERRY STEGEMAN PHONE #: 649-0261
form psr 10/26/90
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CITY OF NORTH LAS VEGAS DATE PREPARED: 8/30/91

REVIEW PERIOD FROM: 8/01/91 TO: 8/30/91

PROJECT: EAST AND WEST RANGE WASH DETENTION BASIN PRE-DESIGN

DESCRIPTION: HYDROLOGIC ANALYSIS, PREPARATION OF FACILITIES PLAN

PERCENT COMPLETE: 100 % ESTIMATED COST OF PROJECT: $360,000

SCHEDULE FOR COMPLETION: (dates)
DESIGN COMPLETE
R/W CLEARANCES N/A
ENVIR CLEARANCES N/A
BIDS OPEN N/A
START CONSTRUCTION N/A
CONSTRUCTION COMPLETE N/A

CONSULTANT/PROJECT MANAGER: BOYLE ENGINEERING
CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:

Master plan amendment prepared.

WORK TO BE COMPLETED DURING NEXT MONTH:

Close-out the project.

PROJECT MANAGER: GIL GILPIN PHONE #: 649-0270
form -psr 10/26/90
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CCRFCD
DATE PREPARED: September 3, 1991

REVIEW PERIOD FROM: 8/1/91 TO: 8/31/91

PROJECT: Master Plan Update Outlying Areas

DESCRIPTION: Nelson, Goodsprings, Searchlight, Blue Diamond,
Indian Springs, Jean, Sloan, and Stateline

PERCENT COMPLETE: 95 % ESTIMATED COST OF PROJECT: $ 75,122

SCHEDULE FOR COMPLETION:
(Dates)
DESIGN N/A
R/W CLEARANCES N/A
ENVIR CLEARANCES N/A
BIDS OPEN N/A
START CONSTRUCTION N/A
CONSTRUCTION COMPLETE N/A

CONSULTANT/PROJECT MANAGER: G.C. Wallace/Calvin Black

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:
Draft report being reviewed.

WORK TO BE COMPLETED DURING NEXT MONTH:
Finalize report - present as Master Plan Amendment

PROJECT MANAGER: Gale Wm. Fraser, II, P.E.
PHONE #: 455-3139
form -psr 10/26/90
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CCRFCD
DATE PREPARED: September 3, 1991

REVIEW PERIOD FROM: 8/1/91 TO: 8/31/91

PROJECT: Mesquite Master Plan Update
DESCRIPTION: Master Plan Update

PERCENT COMPLETE: 95% ESTIMATED COST OF PROJECT: $75,000

SCHEDULE FOR COMPLETION:
(dates)
DESIGN N/A
R/W CLEARANCES N/A
ENVIR CLEARANCES N/A
BIDS OPEN N/A
START CONSTRUCTION N/A
CONSTRUCTION COMPLETE N/A

CONSULTANT/PROJECT MANAGER: CH2M Hill
CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:
Draft report being reviewed.

WORK TO BE COMPLETED DURING NEXT MONTH:
Finalize report - present as Master Plan Amendment

PROJECT MANAGER: Gale Wm. Fraser, II, P.E.
PHONE #: 455-3139
form -psr 10/26/90
REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CCRFCD  DATE PREPARED: September 3, 1991

REVIEW PERIOD FROM: 8/1/91 TO: 8/31/91

PROJECT: Sale of $80,000,000 bonds

DESCRIPTION: Proceeds from a bond sale will be used to expedite the
collection of various master planned projects.

PERCENT COMPLETE: 40%  ESTIMATED COST OF PROJECT: $5,000,000

SCHEDULE FOR COMPLETION:
(dates)

DESIGN
R/W CLEARANCES
ENVIR CLEARANCES
BIDS OPEN
START CONSTRUCTION
BOND CLOSING 11/06/91

CONSULTANT/PROJECT MANAGER: ________________________________

CONSTRUCTION PRIME CONTRACTOR: ____________________________

DELAYS OR PROBLEMS AREAS:

Bond sale and bond closing dates changed to avoid conflicting with
Columbus Day holiday period. Funds will still be available for
November Board action.

WORK COMPLETED DURING CURRENT MONTH:

08/06/91 Board of County Commissioners adopts Resolution of Intent/
Public Sale Resolution
08/14/91 Notice of Intent Published
08/21/91 Notice of Intent Published
08/28/91 Notice of Intent Published

WORK TO BE COMPLETED DURING NEXT MONTH:

09/16/91 Distribute Drafts of Official Statement to Interested
Parties
09/23/91 Due Diligence Meeting to Review Official Statement
09/26/91 Official Statement to Printer

PROJECT MANAGER:  Cathy Razor  PHONE #: 455-3139
form -psr 10/26/90
Up to $80,000,000
Clark County, Nevada
General Obligation (Limited Tax) (Revenue Supported)
Flood Control Bonds
Series November 1, 1991

Financing Schedule

07/11/91 Regional Flood Control Board requests Clark County to issue bonds
07/16/91 Board of County Commissioners (the "Board") adopts General Obligation Bond Commission ("GOBC") Notice Resolution
07/31/91 GOBC meets (within 10 to 30 days from the GOBC Request Resolution) to adopt GOBC approval Resolution
08/06/91 Board adopts Resolution of Intent/Public Sale Resolution
08/08/91 Publish Notice
08/14/91 Notice of Intent Published
08/21/91 Notice of Intent Published
08/28/91 Notice of Intent Published
09/16/91 Distribute Drafts of Official Statement to Interested Parties
09/23/91 Due Diligence Meeting to Review Official Statement
09/26/91 Official Statement to Printer
10/01/91 Mail Official Statement to Prospective Underwriters
10/07/91 End of 60-day Period
10/08/91 Bond Buyer Ad
10/16/91 7:30 a.m. - Bond Sale
8:55 a.m. - Board Adopts Bond Ordinance (Before Zoning)
11/06/91 Bond Closing

August 27, 1991
CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:
FINANCIAL REPORTS

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

RECOMMENDATION OF PETITIONER:
THAT THE BOARD ACCEPT THE REPORTS

FISCAL IMPACT:
NONE

BACKGROUND:
The following financial reports for the month of July, 1991, are submitted for your review:

a) Fund 286 Balance Report
b) Summary of Impacts September 12, 1991 Agenda
c) Funding Requests and Priorities Report
d) Monthly Expenditure Report (Fund 286)
e) Fund 443 Balance Report
f) Project Expense Summary (Fund 443)
g) Project Expense/Interlocal Agreement Balance Report (Fund 443)
h) Revenue Report

Respectfully submitted,

Ellen L. Keller
Management Analyst

TAC AGENDA
ITEM # 5
Date: 8-29-91

RFCD AGENDA
ITEM # 17
Date: 9-12-91
FUND 286 BALANCE REPORT
REGIONAL FLOOD CONTROL DISTRICT
JULY 31, 1991

CURRENT ASSETS

Beginning cash balance July 1, 1991 $12,837,265.78
1. Sales Tax $1,887,694.64
2. Interest Earned $289,904.59
3. Sale of Materials $300.00
4. Adjustment - FY 90/91 Phone Bill $49.00

TOTAL ASSETS JUNE 30, 1991 $15,015,214.01

CURRENT LIABILITIES

1. Administrative Expenditures $50,939.42
2. Professional Services $21,685.43
3. Transfer - Fund 443 $10,277,000.00

TOTAL CURRENT LIABILITIES $10,349,624.85

Accounts Payable $94,438.63

END OF MONTH CASH BALANCE $4,571,150.53

RESERVED FUNDS *
(ANTICIPATED TRANSFERS TO FUND 443) (552,000.00)

RESERVED FUNDS ** (PROFESSIONAL SERVICES AND OPERATING COSTS) (1,707,660.19)

UNRESERVED FUNDS $2,311,490.34

OTHER RESOURCES:

Cost Sharing Escrow Account Balance as of July 31, 1991 $580.13

*Interlocal Contracts approved by Regional Flood Control District Board (through July 31, 1991), but not fully executed

**Administrative and professional services
UNRESERVED FUNDS AS OF JULY 31, 1991: $2,311,490.34

JULY 31, 1991 DEOBLIGATED FUND BALANCE: 4,766,016.57

LESS ITEMS APPROVED FOR FUNDING AUGUST 8, 1991:

ITEM 9 - VAN BUSKIRK CHANNEL RIGHT-OF-WAY/CLARK COUNTY (92-1) 1,300,000.00
ITEM 7C - VAN BUSKIRK CHANNEL CONSTRUCTION/CLARK COUNTY (92-2) 3,460,000.00

AUGUST 8, 1991 DEOBLIGATED FUND BALANCE: 6,016.57

TOTAL UNRESERVED FUNDS: $2,317,506.91

ITEMS HELD BY BOARD ON AUGUST 8, 1991 PENDING AVAILABLE FUNDING:

M 4A - OAKLEY BLVD. DET. & CONV./LAS VEGAS (92-3) 32,000.00
ITEM 4B - GOWAN OUTFALL & CONVEYANCE/LAS VEGAS (92-4) 57,625.00
ITEM 4C - UNION PACIFIC RAILROAD CHANNEL/HENDERSON (92-5) 150,000.00
ITEM 4D - KYLE CANYON DETENTION BASIN/CLARK COUNTY (92-6) 450,000.00
ITEM 4E - DUCK CREEK CHANNEL CROSSING/CLARK COUNTY (92-7) 100,000.00
ITEM 4F - VAN BUSKIRK CHANNEL, SPENCER TO ROCHELLE/CLARK COUNTY (92-8) 360,000.00
ITEM 4G - LOGAN (BENSON) WASH IN MOAPA VALLEY/CLARK COUNTY (92-9) 90,000.00

FUND BALANCE AFTER APPROVAL OF ITEMS 4A THROUGH 4G LISTED ABOVE: $1,077,881.91

AUGUST 29, 1991 TECHNICAL ADVISORY COMMITTEE NEW FUNDING REQUESTS:

ITEM 8 - BUFFALO CHANNEL - SUMMERLIN PKWY TO VEGAS DR./LAS VEGAS (92-10) 110,000.00
ITEM 9 - GOWAN NORTH CHANNEL/LAS VEGAS (92-11) 100,000.00
ITEM 10 - C-1 CHANNEL SYSTEM, BLACK MTN. DETENTION BASIN, MISSION HILLS DETENTION BASIN/HENDERSON (92-12) 600,000.00

TOTAL NEW FUNDING REQUESTS: $810,000.00
<table>
<thead>
<tr>
<th>Requests Received</th>
<th>Project Description</th>
<th>Amount</th>
<th>Entity</th>
<th>Funding Priority Numbers</th>
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<tr>
<td>1</td>
<td>Van Buskirk Channel R-O-W</td>
<td>$1,300,000</td>
<td>CC</td>
<td>92-1</td>
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<tr>
<td>2</td>
<td>Van Buskirk Channel Construction</td>
<td>$3,460,000</td>
<td>CC</td>
<td>92-2</td>
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<td>3</td>
<td>Oakey Blvd. 1st Suppl.</td>
<td>$32,000</td>
<td>CLV</td>
<td>92-3</td>
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<td>4</td>
<td>Gowan Detention Basin 3rd Suppl.</td>
<td>$57,625</td>
<td>CLV</td>
<td>92-4</td>
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<td>5</td>
<td>UPRR Channel</td>
<td>$150,000</td>
<td>HEND</td>
<td>92-5</td>
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<tr>
<td>6</td>
<td>Gowan North Channel</td>
<td>CLV a</td>
<td></td>
<td>b, see # 22</td>
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<td>7</td>
<td>Oakey Blvd. 2nd Suppl.</td>
<td>$35,000</td>
<td>CLV a</td>
<td>b</td>
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<td>8</td>
<td>Range Wash Detention Basin</td>
<td>$480,000</td>
<td>CC a</td>
<td>b</td>
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<td>9</td>
<td>Town Wash Detention Basin</td>
<td>$5,448,304</td>
<td>MESQ a</td>
<td>c, d</td>
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<td>10</td>
<td>Pittman Wash Channel - Ph. 2</td>
<td>$3,470,000</td>
<td>HEND a</td>
<td>e</td>
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<td>11</td>
<td>Upper Las Vegas Wash Det. Basin</td>
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<td>NLV a</td>
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<td>12</td>
<td>Washington Ave. (Sandhill Outlet)</td>
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<td>CLV a</td>
<td>b, f</td>
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<td>13</td>
<td>Kyle Canyon Detention Basin</td>
<td>$450,000</td>
<td>NLV 92-6</td>
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<td>14</td>
<td>C-1 Channel/Black Mountain</td>
<td>HEND a</td>
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<td>b, see # 23</td>
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<td>15</td>
<td>Duck Creek (Tomiyasu &amp; Pachuca)</td>
<td>$100,000</td>
<td>CC 92-7</td>
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<tr>
<td>16</td>
<td>Van Buskirk (Spencer - Rochelle)</td>
<td>$360,000</td>
<td>CC 92-8</td>
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<td>17</td>
<td>Logan(Benson) Wash 2nd Suppl.</td>
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<td>CC 92-9</td>
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<td>18</td>
<td>Buffalo Channel (Summerlin - Vegas Dr.)</td>
<td>$110,000</td>
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<td>$100,000</td>
<td>CLV 92-11</td>
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<td>23</td>
<td>C-1 Channel/Black Mountain/Mission Hill</td>
<td>$600,000</td>
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<td>24</td>
<td>Hemenway Wash Improvements 3rd Suppl.</td>
<td>$0 BC</td>
<td>92-13</td>
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**NOTES:**
- a - resubmit
- b - Master Plan Amendment required
- c - environmental clearances required
- d - right-of-way required
- e - engineering study required
- f - project presentation required
- g - Policies & Procedures not followed
<table>
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<tr>
<th>DATE</th>
<th>VENDOR</th>
<th>DESCRIPTION</th>
<th>AMOUNT</th>
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<tr>
<td>10-Jul-91</td>
<td>Gale Wm. Fraser</td>
<td>Bonus/Design Manual Development</td>
<td>500.00</td>
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<td>03-Jul-91</td>
<td>RFCD</td>
<td>Imprint Fund Reimbursement</td>
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<td>03-Jul-91</td>
<td>Xerox Corp.</td>
<td>Copier Supplies</td>
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<td>18-Jul-91</td>
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<td>03-Jul-91</td>
<td>Desert Decor</td>
<td>Graphic Art Supplies</td>
<td>113.99</td>
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<td>19-Jul-91</td>
<td>Central Supply</td>
<td>Office Supplies/June 91</td>
<td>582.55</td>
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<td>22-Jul-91</td>
<td>Office Club</td>
<td>Office Furniture/New Employee</td>
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<td>23-Jul-91</td>
<td>Microsoft Excel</td>
<td>Update Kit</td>
<td>35.45</td>
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<td>Kiesub Corp.</td>
<td>Cable for Rooftop Antennae</td>
<td>139.00</td>
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<td>Graybar Electric</td>
<td>Supplies/Antenna Installation</td>
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<td>29-Jul-91</td>
<td>C.C. Automotive</td>
<td>Automotive Expenses/June 91</td>
<td>440.17</td>
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<td>Clark Place Assoc.</td>
<td>August Rent</td>
<td>7,462.77</td>
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<td>Information Sys.</td>
<td>Data Processing/June 91</td>
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<td>01-Jul-91</td>
<td>Centel</td>
<td>June Telephone Expenses</td>
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<td>01-Jul-91</td>
<td>Centel</td>
<td>Yr. End Adjustment</td>
<td>(49.00)</td>
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<td>01-Jul-91</td>
<td>Centel Cellular</td>
<td>June Cellular Expense</td>
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<td>01-Jul-91</td>
<td>Centel Cellular</td>
<td>June Cellular Expense</td>
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<td>03-Jul-91</td>
<td>Handar</td>
<td>Repair/FW Equipment</td>
<td>270.00</td>
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<td>02-Jul-91</td>
<td>County Automotive</td>
<td>Postage/Mail Services/June 91</td>
<td>617.78</td>
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<td>Federal Express</td>
<td>Priority Mail</td>
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<td>01-Jul-91</td>
<td>Avis Car Rental</td>
<td>Bax Valentine/EPA/Reno</td>
<td>46.67</td>
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<td>Copy Center</td>
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<td>Central Duplicating</td>
<td>Printing/June 91</td>
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<td>Pro Process</td>
<td>Film &amp; Development</td>
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<td>01-Jul-91</td>
<td>FAO-USAED</td>
<td>Training Manual</td>
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<td>25-Jul-91</td>
<td>State of Nevada</td>
<td>Stormwater Permit FY 91/92</td>
<td>1,000.00</td>
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<td>08-Jul-91</td>
<td>ValCom Computers</td>
<td>Laptop Computer</td>
<td>4,852.04</td>
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<td>23-Jul-91</td>
<td>Comgraphics</td>
<td>Microfische Printer/Reader</td>
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<td>19-Jul-91</td>
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$36,991.54

$22,506.26
MONTHLY EXPENDITURE REPORT  
REGIONAL FLOOD CONTROL DISTRICT  
FUND 286  
MONTH ENDING JULY 31, 1991  

Professional Services  
----------------------  
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<tr>
<th>Date</th>
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<th>Description</th>
<th>Amount</th>
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<tr>
<td>03-Jul-91</td>
<td>Will &amp; Muys</td>
<td>Washington Reps/May 91</td>
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<td>22-Jul-91</td>
<td>Will &amp; Muys</td>
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<td>05-Jul-91</td>
<td>G.C. Wallace</td>
<td>NP Update/Outlying Areas</td>
<td>14,174.01</td>
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<td>17-Jul-91</td>
<td>Gordian Ent.</td>
<td>Public Information Program</td>
<td>8,000.00</td>
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<td>19-Jul-91</td>
<td>Dames &amp; Moore</td>
<td>EIS</td>
<td>12,820.99</td>
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<td>22-Jul-91</td>
<td>J.H. Montgomery</td>
<td>NPDES</td>
<td>32,013.38</td>
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$70,269.03

Transfers to Fund 443  
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<td>09-Jul-91</td>
<td>Fund 443</td>
<td>Logan Wash</td>
<td>77,000.00</td>
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<td>10-Jul-91</td>
<td>Fund 443</td>
<td>Flamingo Wash Bridges at Paradise &amp; Palos Verde</td>
<td>300,000.00</td>
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<td>15-Jul-91</td>
<td>Fund 443</td>
<td>Gowan Detention Basins and Outfall</td>
<td>5,700,000.00</td>
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<td>15-Jul-91</td>
<td>Fund 443</td>
<td>Carey Ave/Lake Mead Detention and Conveyance System</td>
<td>4,200,000.00</td>
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$10,277,000.00
FUND 443 BALANCE REPORT  
REGIONAL FLOOD CONTROL DISTRICT  
JULY 31, 1991

<table>
<thead>
<tr>
<th>CURRENT ASSETS</th>
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<tr>
<td>Beginning cash balance July 1, 1991</td>
<td>$ 43,703,773.84</td>
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<td>Revenue:</td>
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<td>Transfer in - Fund 286</td>
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<td>TOTAL ASSETS</td>
<td>$ 53,980,773.84</td>
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<table>
<thead>
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<tr>
<td>Comptroller's Payments:</td>
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<tr>
<td>1. Capital Improvement Program</td>
<td>$ 413,849.53</td>
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<tr>
<td>2. Maintenance Work Program</td>
<td>$ 24,663.32</td>
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<td>TOTAL CURRENT LIABILITIES</td>
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<td>Contracts Payable</td>
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<td>CASH BALANCE JULY 31, 1991</td>
<td>$ 51,830,861.61</td>
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<td>FUTURE ANTICIPATED FUND BALANCE</td>
<td>$ 52,382,861.61</td>
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## PROJECT EXPENSE SUMMARY

**FUND 443**

**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**

**JULY 31, 1991**

### CLARK COUNTY:

<table>
<thead>
<tr>
<th>PROJECT NUMBER</th>
<th>PROJECT NAME</th>
<th>INTERLOCAL AGREEMENT DATE</th>
<th>INTERLOCAL AGREEMENT AMOUNT</th>
<th>INTERLOCAL AGREEMENT EXPIRATION DATE</th>
<th>GRAND TOTAL</th>
<th>AMOUNT EXPENDED</th>
<th>AMOUNT REMAINING</th>
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<tr>
<td>CLA.01.A.87</td>
<td>Upper Flamingo Wash Detention Basin &amp; Outfall</td>
<td>July 9, 1987</td>
<td>440,000.00</td>
<td>July 31, 1992</td>
<td>2,724,531.98</td>
<td>4,988,468.02</td>
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<td>Sept. 14, 1989</td>
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7 of 24
## PROJECT EXPENSE SUMMARY

**FUND 443**

**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**

### OUTLYING AREAS:

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*Supplemental Agreement not fully executed*
# Project Expense Summary

**FUND 443**

**Clark County Regional Flood Control District**

**July 31, 1991**

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## PROJECT EXPENSE SUMMARY

**FUND 443**  
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**  

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**JULY 31, 1991**
## PROJECT EXPENSE SUMMARY

**FUND 443**

**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**

**JULY 31, 1991**

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## PROJECT EXPENSE SUMMARY

### FUND 443
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**

### JULY 31, 1991

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*Interlocal Contract not fully executed
**PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT**

**FUND 443**

**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**

**JULY 31, 1991**

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**OUTLYING AREAS:**

17 of 24
### PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT

**FUND 443**
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**

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**JULY 31, 1991**

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18 of 24
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JULY 31, 1991
### PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT

**FUND 443**  
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**

**JULY 31, 1991**

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## Project Expense/Interlocal Agreement Balance Report

**Fund 443**  
**Clark County Regional Flood Control District**  
**JULY 31, 1991**

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<td>East Range Wash Detention Basin</td>
<td>30,000.00</td>
<td>30,000.00</td>
<td>0.00</td>
<td>C/N: Las Vegas</td>
<td>0.00</td>
<td>30,000.00</td>
<td>0.00</td>
<td>0.00</td>
<td>30,000.00</td>
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</tbody>
</table>

---

**CITY OF NORTH LAS VEGAS:**

**NLV.01.B.87 Las Vegas Wash 1 1/2 to Pecos Rd.**

**NLV.01.B.87 L.V. Wash/Craig to Civic Center** (aka King Charles Diversion Channel)

**NLV.01.A.87 W. Trib. of L.V. Wash Craig to Alexander**

**NLV.02.B.88 W. Trib. of L.V. Wash Craig Ranch Golf Course to Craig**

**NLV.03.A.88 West Range Wash Detention Basin**

**NLV.03.B.88 East Range Wash Detention Basin**
<table>
<thead>
<tr>
<th>PROJECT NUMBER</th>
<th>PROJECT NAME</th>
<th>INTERLOCAL AGREEMENT AMOUNT</th>
<th>PURCHASE ORDER AMOUNT</th>
<th>INTERLOCAL AGREEMENT BALANCE</th>
<th>VENDOR</th>
<th>CURRENT MONTH PURCHASE ORDER EXPENDITURES</th>
<th>PURCHASE ORDER TOTAL EXPENDED</th>
<th>PURCHASE ORDER BALANCE</th>
<th>INTEREST PAID ON TOTAL EXPENDED</th>
<th>GRAND TOTAL EXPENDED</th>
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</thead>
<tbody>
<tr>
<td>BLV.03.C.91</td>
<td>West Range Main Diversion Dike</td>
<td>350,000.00</td>
<td>0.00</td>
<td>350,000.00</td>
<td>C/L Las Vegas</td>
<td>0.00</td>
<td>0.00</td>
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<tr>
<td>BLV.04.A.85</td>
<td>Gowan Detention Basin Outfall Structure</td>
<td>13,420,000.00</td>
<td>13,449,026.00</td>
<td>385,974.00</td>
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<td>14,557.00</td>
<td>527,033.31</td>
<td>838,166.69</td>
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<td>BLV.05.A.89</td>
<td>Upper L.V. Main Detention Basin</td>
<td>1,650,000.00</td>
<td>1,650,000.00</td>
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<td>C/L Las Vegas</td>
<td>170,153.81</td>
<td>852,289.06</td>
<td>797,710.94</td>
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<td><strong>TOTALS</strong></td>
<td></td>
<td>73,629,022.87</td>
<td>50,765,257.12</td>
<td>14,859,765.75</td>
<td></td>
<td>4,201,269.45</td>
<td>29,466,123.91</td>
<td>29,305,466.73</td>
<td>21,897.57</td>
<td>29,466,123.91</td>
</tr>
</tbody>
</table>
## SALES TAX REVENUE REPORT
### REGIONAL FLOOD CONTROL DISTRICT
#### FISCAL YEAR 1990/91

<table>
<thead>
<tr>
<th>MONTH</th>
<th>SALES TAX RECEIVED</th>
<th>1/4 CENT SALES TAX ESTIMATE</th>
<th>SALES TAX REVENUES</th>
<th>DIFFERENCE OVER/(UNDER) FROM ESTIMATE</th>
<th>FY TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUGUST</td>
<td>$1,755,936.00</td>
<td>$1,982,123.76</td>
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<td>$226,187.76</td>
<td>$1,982,123.76</td>
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<tr>
<td>SEPTEMBER</td>
<td>$1,755,936.00</td>
<td>$1,851,516.47</td>
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<td>$95,580.47</td>
<td>$3,833,640.23</td>
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<tr>
<td>OCTOBER</td>
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<td>$1,856,038.43</td>
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<td>$100,102.43</td>
<td>$5,689,678.66</td>
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<tr>
<td>NOVEMBER</td>
<td>$1,975,428.00</td>
<td>$1,869,444.27</td>
<td></td>
<td>($105,983.73)</td>
<td>$7,559,122.93</td>
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<tr>
<td>DECEMBER</td>
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<td>$1,850,017.52</td>
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<td>$94,081.52</td>
<td>$9,409,140.45</td>
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<tr>
<td>JANUARY</td>
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<td>$1,806,840.96</td>
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<td>$50,904.96</td>
<td>$11,215,981.41</td>
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<tr>
<td>FEBRUARY</td>
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<td>$2,176,313.31</td>
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<td>($18,606.69)</td>
<td>$13,392,294.72</td>
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<tr>
<td>MARCH</td>
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<td>$1,632,224.43</td>
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<td>$95,780.43</td>
<td>$15,024,519.15</td>
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<td>APRIL</td>
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<td>$1,666,402.15</td>
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<td>$129,958.15</td>
<td>$16,690,921.30</td>
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<tr>
<td>MAY</td>
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<td>$1,875,882.38</td>
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<td>($99,545.62)</td>
<td>$18,566,803.68</td>
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<tr>
<td>JUNE</td>
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<td>$1,847,935.57</td>
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<td>($127,492.43)</td>
<td>$20,414,739.25</td>
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<tr>
<td>JULY</td>
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<td>$1,887,694.64</td>
<td></td>
<td>($87,733.36)</td>
<td>$22,302,433.89</td>
</tr>
</tbody>
</table>

**Total:**

$21,949,200.00  $22,302,433.89  $22,302,433.89
Ed of Directors, Flood Control,

As a member of the LV Citizen's Plan Advisory Committee, we feel your agenda item to start U.S. 62 Channel Friedman and request a delay in getting the engineering done & then react (?) as that area is being studied for land use & development now, but nothing final in design.

Please give the city more time to arrive (and us on committee) at a land use plan that could incorporate greenbelt flood control (like Scottsdale's) rather than ugly concrete channels! Thank you.

(Can't attend 4/12 mtgs.)

435-3190

Please call me if questions.

RECEIVED
SEP 11 1991

REGIONAL FLOOD CONTROL DISTRICT