

NOTICE OF PUBLIC MEETING

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT  
BOARD OF DIRECTORS

JULY 14, 1994

8:30 A.M.

CLARK COUNTY COMMISSION CHAMBERS

225 EAST BRIDGER AVENUE

LAS VEGAS, NEVADA 89155

FOR ADDITIONAL INFORMATION CONTACT:

GALE WM. FRASER, II, P.E., GENERAL MANAGER

301 EAST CLARK AVENUE, SUITE 301

LAS VEGAS NEVADA 89101

455-3139

BFB

FILE COPY

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POSTED: JULY 8, 1994

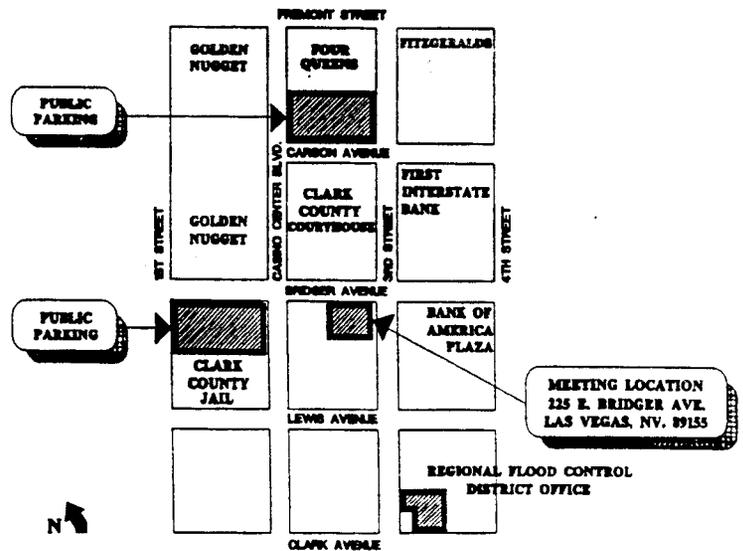
CITY OF NORTH LAS VEGAS  
2200 CIVIC CENTER DRIVE  
NORTH LAS VEGAS, NV 89030

CLARK COUNTY BRIDGER BUILDING  
225 EAST 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 301  
LAS VEGAS, NV 89101

BY: *Marci Karlstedt*  
MARCI KARLSTEDT



**AGENDA  
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT  
BOARD OF DIRECTORS  
JULY 14, 1994**

*Note: All items on the agenda are scheduled for action unless specifically noted otherwise.*

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**I. CALL TO ORDER / AGENDA / ELECTIONS / MINUTES**

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- 1) CALL THE MEETING TO ORDER AND APPROVE THE AGENDA
- 2) ELECTION OF A CHAIRMAN, VICE-CHAIRMAN, AND A SECRETARY TO THE BOARD
- 3) APPROVE THE MINUTES OF THE REGULARLY SCHEDULED MEETING OF JUNE 9, 1994

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**II. \*CONSENT AGENDA - ITEMS #4 through #13**

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\*All items marked with asterisks (\*\*) are considered by the Regional Flood Control District Board of Directors to be routine and may be acted upon in one motion. However, the Board may discuss any consent item individually if requested by a Board member or a citizen when the consent agenda is considered for approval.

**ADMINISTRATION**

- \*\* 4) AUTHORIZE THE CHIEF ENGINEER TO ISSUE A REQUEST FOR PROPOSALS, SELECT A CONSULTANT AND NEGOTIATE A CONTRACT FOR PROFESSIONAL SERVICES TO PREPARE A MASTER PLAN UPDATE OF MESQUITE AND BUNKERVILLE, NEVADA
- \*\* 5) APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN A CONSULTANT CONTRACT WITH G.C. WALLACE IN THE AMOUNT OF \$224,458 FOR THE PREPARATION OF A FLOOD INSURANCE RESTUDY OF THE MUDDY RIVER AND TRIBUTARIES STUDY AREA
- \*\* 6) APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN AN AGREEMENT WITH CLARK COUNTY IN THE AMOUNT OF \$35,000 FOR GEOGRAPHIC INFORMATION SYSTEM SERVICES
- \*\* 7) APPROVE THE FINAL ACCOUNTING REPORT WHICH RETURNS \$54,857.64 TO FUND 286 AND CLOSEOUT THE PROJECT FOR THE UPPER LAS VEGAS WASH DETENTION BASIN - NORTH LAS VEGAS
- \*\* 8) ACCEPT THE PROJECT STATUS REPORTS
- \*\* 9) ACCEPT THE FINANCIAL REPORTS

**DESIGN AND CONSTRUCTION**

- \*\* 10) APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE SECOND SUPPLEMENTAL INTERLOCAL CONTRACT TO REDISTRIBUTE FUNDING AND RETURN \$100,000 TO FUND 444 FOR CONSTRUCTION OF THE WEST RANGE WASH DIVERSION DIKE - CITY OF NORTH LAS VEGAS
- \*\* 11) OAKEY DETENTION BASIN AND CONVEYANCE SYSTEM - CITY OF LAS VEGAS
  - A) APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE THIRD SUPPLEMENTAL INTERLOCAL CONTRACT TO REDISTRIBUTE FUNDING FOR CONSTRUCTION OF THE OAKEY DETENTION BASIN AND CONVEYANCE SYSTEM PHASE I
  - B) APPROVE A REQUEST BY THE CITY OF LAS VEGAS FOR CHANGE ORDER NUMBER 3 IN THE AMOUNT OF \$35,950 FOR CONSTRUCTION OF THE OAKEY DETENTION BASIN AND CONVEYANCE SYSTEM
- \*\* 12) ACCEPT A RECOMMENDATION BY CLARK COUNTY FOR AWARD OF BID TO MAX RIGGS CONSTRUCTION COMPANY, INC. IN THE AMOUNT OF \$3,175,089.05 FOR CONSTRUCTION OF THE SLOAN CHANNEL - OWENS AVENUE TO STEWART AVENUE
- \*\* 13) APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN AN INTERLOCAL CONTRACT WITH CLARK COUNTY IN THE AMOUNT OF \$100,000 FOR PUBLIC WORKS SERVICES PROVIDED ON THE CORPS OF ENGINEERS TROPICANA / FLAMINGO WASHES PROJECT

**END OF CONSENT AGENDA**

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**III. DISCUSSION / ACTION ITEMS**

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**ADMINISTRATION**

- 14) DISCUSSION AND APPROVAL OF THE PRIORITIZATION OF PROJECTS, 10-YEAR CONSTRUCTION PROGRAM AND FISCAL YEAR 1994-95 PROJECT LIST

- 15) PUBLIC LAND EXCHANGE PROPOSED BY AMERICAN LAND CONSERVANCY
  - A) APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN AGREEMENTS WITH THE AMERICAN LAND CONSERVANCY PROVIDING FOR THE DEDICATION OF AND OPTION TO PURCHASE EASEMENTS REQUIRED FOR FLOOD CONTROL PROJECTS
  - B) DIRECT STAFF TO SUBMIT A WRITTEN PROTEST TO THE BUREAU OF LAND MANAGEMENT REGARDING THEIR DECISION TO EXCHANGE PUBLIC LANDS NEEDED FOR FLOOD CONTROL PROJECTS

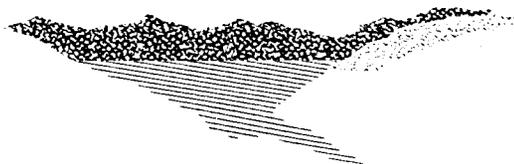
#### DESIGN AND CONSTRUCTION

- 16) RECEIVE A STATUS REPORT ON THE LONE MOUNTAIN DETENTION BASIN RESOLUTION OF INTENT NUMBER 94-3 - CITY OF LAS VEGAS
- 17) APPROVE / ADOPT / AUTHORIZE THE CHAIRMAN TO SIGN RESOLUTION OF INTENT NUMBER 94-6 TO ALLOW USE OF THE UNEXPENDED BALANCE OF FUNDS PROVIDED FOR THE UNION PACIFIC RAILROAD CHANNEL PROJECT FOR CONSTRUCTION OF THE PITTMAN-PECOS AND MCDONALD RANCH DETENTION BASINS - CITY OF HENDERSON
- 18) APPROVE THE FINAL ACCOUNTING REPORT WHICH RETURNS \$450,522.53 TO FUND 444 AND CLOSEOUT THE PROJECT FOR THE UNION PACIFIC RAILROAD CHANNEL - CITY OF HENDERSON
- 19) GENERAL MANAGER'S REPORT
- 20) CITIZENS PARTICIPATION  
No action can be taken on any matter discussed under this item, although the Board may direct that it be placed on a future agenda.

*Any person wishing to speak on a matter not on the agenda may do so after all matters listed on the agenda have been considered. Please step forward to the speaker's podium, clearly state your name and address, and limit your comments to no more than three minutes.*

*The Clark County Commission Chambers are accessible to individuals with disabilities. Assistive listening devices are available for the hearing impaired. With twenty-four hour advance request to the Regional Flood Control District offices, a sign language interpreter for the deaf may be made available. Phone: 455-3139. Clark County's TDD: 385-7486 or Relay Nevada Toll Free (800)326-6868.*

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



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

**BOARD OF DIRECTORS**

Iris Bletsch  
Chairman  
City of Boulder City

Scott Higginson  
Vice-Chairman  
City of Las Vegas

Ken Carter  
City of Mesquite

Yvonne Atkinson Gates  
Clark County

Theron Goynes  
City of North Las Vegas

Jan Laverty Jones  
City of Las Vegas

Larry Scheffler  
City of Henderson

Bruce L. Woodbury  
Clark County

**MEMORANDUM**

**JULY 7, 1994**

**TO: BOARD OF DIRECTORS**

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

**SUBJECT: MEETING OF JULY 14, 1994**

**I. CALL TO ORDER / AGENDA / ELECTIONS / MINUTES**

- 1) **CALL THE MEETING TO ORDER AND APPROVE THE AGENDA:**  
The agenda is in order for your approval.
- 2) **ELECTION OF A CHAIRMAN, VICE-CHAIRMAN, AND A SECRETARY TO THE BOARD**  
NRS 543.330 requires that the Board meet in July of each year to elect one of its members as Chairman of the Board and President of the District, and elect a Secretary of the Board and of the District, who may or may not be a member of the Board. The Policies and Procedures adopted by the Board require the election of a Vice-Chairman to act on behalf of the Chairman in his/her absence. The current Chairman is Mayor Iris Bletsch, the Vice-Chairman is Scott Higginson. Staff recommends that Deanna Lefko from the District staff be elected to the position of Secretary.
- 3) **APPROVE THE MINUTES OF THE REGULARLY SCHEDULED MEETING OF JUNE 9, 1994**  
The minutes are in order for approval.

**II. \*\*CONSENT AGENDA - ITEMS #4 through #13**

**ADMINISTRATION**

- \*\* 4) AUTHORIZE THE CHIEF ENGINEER TO ISSUE A REQUEST FOR PROPOSALS, SELECT A CONSULTANT AND NEGOTIATE A CONTRACT FOR PROFESSIONAL SERVICES TO PREPARE A MASTER PLAN UPDATE OF MESQUITE AND BUNKERVILLE, NEVADA**  
In accordance with NRS 543.596, review and updating of the

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District flood control Master Plans are to be conducted on a five year cycle. To facilitate a contract start date in the beginning of FY 94/95 and project completion within the required time frame, staff recommends that the Board authorize the General Manager to commence the proposal solicitation, consultant selection and negotiation processes at this time. Staff also recommends grouping the two Master Plan Updates together, which should result in cost savings associated with economies of scale and the close proximity of the two planning areas to one another.

A copy of the Request For Proposals (RFP) and draft Scope of Work are included in the back-up for your review and additional information. TAC and CAC recommend approval.

- \*\* 5) APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN A CONSULTANT CONTRACT WITH G.C. WALLACE IN THE AMOUNT OF \$224,458 FOR THE PREPARATION OF A FLOOD INSURANCE RESTUDY OF THE MUDDY RIVER AND TRIBUTARIES STUDY AREA**
- At the April 14, 1994 meeting, the Board authorized the General Manager to solicit proposals, select a consultant, and negotiate a professional services contract to perform a flood insurance study of the Muddy River. Ten (10) proposals were received and reviewed by a committee comprised of staff from Clark County Public Works and the District. Based upon committee rankings, G.C. Wallace, Inc. was selected and staff has completed contract negotiations to provide consulting services in the preparation of the Flood Insurance Restudy. The contract has been reviewed by the District Attorney as to form, and is attached for your review. Staff, TAC and CAC recommend that the Board approve and authorize the Chairman to sign.
- \*\* 6) APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN AN AGREEMENT WITH CLARK COUNTY IN THE AMOUNT OF \$35,000 FOR GEOGRAPHIC INFORMATION SYSTEM SERVICES**
- Clark County, in cooperation with the incorporated cities and

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other agencies in the Las Vegas Valley, is developing and implementing a regional Geographic Information System (GIS) with the capabilities of automatic graphic display and analysis of various records, resources and facilities. This agreement provides the District with access to the GIS database files developed and maintained by other participants and provides network service support for the next year (FY 1994/95). The agreement also makes the GIS database created by the District available to other participants. Staff recommends approval.

- \*\* 7) APPROVE THE FINAL ACCOUNTING REPORT WHICH RETURNS \$54,857.64 TO FUND 286 AND CLOSEOUT THE PROJECT FOR THE UPPER LAS VEGAS WASH DETENTION BASIN - NORTH LAS VEGAS**

A final accounting report has been prepared for the Upper Las Vegas Wash Detention Basin project which has been completed. The report represents an accurate accounting of the charges and the remaining balances. Upon approval, no additional funds can be expended for the project. Staff, TAC and CAC recommend approval.

- \*\* 8) ACCEPT THE PROJECT STATUS REPORTS**  
The project status reports are in order for acceptance.

- \*\* 9) ACCEPT THE FINANCIAL REPORTS**  
The financial reports are in order for acceptance.

**DESIGN AND CONSTRUCTION**

- \*\* 10) APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE SECOND SUPPLEMENTAL INTERLOCAL CONTRACT TO REDISTRIBUTE FUNDING AND RETURN \$100,000 TO FUND 444 FOR CONSTRUCTION OF THE WEST RANGE WASH DIVERSION DIKE - CITY OF NORTH LAS VEGAS**

The City of North Las Vegas has submitted a request for a Second Supplemental Interlocal Contract which reduces total

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contract funding by \$100,000 and reallocates funding for environmental concerns. Since this project is nearing completion of construction, the funds are no longer considered necessary and are being returned to the Bond Fund (Fund 444). The District Attorney has reviewed this contract as to form. Staff, TAC, and CAC recommend that the Board approve and authorize the Chairman to sign.

**\*\* 11) OAKEY DETENTION BASIN AND CONVEYANCE SYSTEM - CITY OF LAS VEGAS**

**A) APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE THIRD SUPPLEMENTAL INTERLOCAL CONTRACT TO REDISTRIBUTE FUNDING FOR CONSTRUCTION OF THE OAKEY DETENTION BASIN AND CONVEYANCE SYSTEM PHASE I**

The City of Las Vegas has submitted a request for a Third Supplemental Interlocal Contract to reallocate \$5,000 from "Construction" to "Construction Engineering". This request allows for additional construction inspection associated with the change in landscape contractors and the replanting of approximately 190 plants which were deemed unacceptable during inspection. This request does not result in any increase in the funds allocated to landscaping. No claims for the plant replacement mentioned above are expected, nor are they addressed by this request. No additional funding is requested. The District Attorney has reviewed the contract as to form. Staff, TAC and CAC recommend that the Board approve and authorize the Chairman to sign.

**B) APPROVE A REQUEST BY THE CITY OF LAS VEGAS FOR CHANGE ORDER NUMBER 3 IN THE AMOUNT OF \$35,950 FOR CONSTRUCTION OF THE OAKEY DETENTION BASIN AND CONVEYANCE SYSTEM**

The City of Las Vegas has negotiated Change Order Number 3 in the amount of \$35,950 for the Oakey

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Detention Basin and Collection System project. The change order includes installation of an inlet and storm drain lateral to collect runoff from an existing drainage channel on the Las Vegas Valley Water District's Thomas R. Rice Reservoir site. Sufficient funds are available under construction conflicts of the Las Vegas Paving Corporation contract to support this request. No additional District funding is required. Staff, TAC, and CAC recommend approval.

- \*\* 12) ACCEPT A RECOMMENDATION BY CLARK COUNTY FOR AWARD OF BID TO MAX RIGGS CONSTRUCTION COMPANY, INC. IN THE AMOUNT OF \$3,175,089.05 FOR CONSTRUCTION OF THE SLOAN CHANNEL - OWENS AVENUE TO STEWART AVENUE**

Clark County opened bids on June 27, 1994, for construction of the Sloan Channel improvements located from Owens Avenue to Stewart Avenue. Seven bids were received. Clark County requests acceptance of their recommendation to award the bid to Max Riggs Construction Company, Inc. in the amount of \$3,175,089.05. Funding provided by the interlocal contract is sufficient to cover the award of bid. Staff recommends acceptance of Clark County's recommendation and requests that a supplemental interlocal contract be prepared to return excess funding to the District. TAC and CAC recommend approval.

- \*\* 13) APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN AN INTERLOCAL CONTRACT WITH CLARK COUNTY IN THE AMOUNT OF \$100,000 FOR PUBLIC WORKS SERVICES PROVIDED ON THE CORPS OF ENGINEERS TROPICANA / FLAMINGO WASHES PROJECT**

Clark County has submitted a request for an Interlocal Contract to provide funding in the amount of \$100,000 for the construction, construction engineering, preliminary and design engineering, right-of-way engineering and appraisals associated with the Tropicana and Flamingo Washes Project being undertaken in cooperation with the U.S. Army Corps of Engineers

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(COE). With the passage of Resolution No. 94-2 by the Board at their regular meeting on March 10, 1994, the Tropicana and Flamingo Washes project took one more step toward becoming a reality. This interlocal contract provides for reimbursement of costs to the County for their work associated with the project. Funding for the project has been set aside each month to match the anticipated federal funding in accordance with Resolution No. 94-2. Furthermore, the project is identified on the proposed 10-Year Construction Program. The District Attorney has reviewed the contract as to form. TAC and CAC recommend that the Board approve and authorize the Chairman to sign.

**END OF CONSENT AGENDA**

**III. DISCUSSION / ACTION ITEMS**

**ADMINISTRATION**

**14) DISCUSSION AND APPROVAL OF THE PRIORITIZATION OF PROJECTS, 10-YEAR CONSTRUCTION PROGRAM AND FISCAL YEAR 1994-95 PROJECT LIST**

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

The update of the Prioritization of Projects, the 10-Year Construction Program and Fiscal Year 1994/1995 Project List included in the backup was developed from information submitted by the affected entities. Staff recommends that the Board approve the revised and new priority values, the 10-Year Construction Plan as presented, and the FY 1994/95 Project List.

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Staff, TAC and CAC recommend approval.

**15) PUBLIC LAND EXCHANGE PROPOSED BY AMERICAN LAND CONSERVANCY**

The Board may wish to consider items 15A and 15B together.

**A) APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN AGREEMENTS WITH THE AMERICAN LAND CONSERVANCY PROVIDING FOR THE DEDICATION OF AND OPTION TO PURCHASE EASEMENTS REQUIRED FOR FLOOD CONTROL PROJECTS**

The Bureau of Land Management (BLM) has issued its Notice of Decision to exchange public lands in Clark County for lands offered by the American Land Conservancy (ALC). Features of the U.S. Army Corps of Engineers Tropicana and Flamingo Washes Flood Control Project will be located on some of the public lands included in the exchange.

Staff has worked with the ALC to develop draft Agreements providing the District with permanent right-of-way easements for flood control and/or recreational purposes across certain land parcels included in the exchange. Copies of the draft Agreements are included in the backup. Staff was still negotiating with the ALC on both the language of the Agreements and the identification of the easements at the time the Board agenda was printed. If staff is not able to negotiate mutually acceptable Agreements with the ALC before the Board's July 14, 1994 meeting, the Board may wish to direct staff to: 1) continue negotiations with the ALC; and/or 2) protest the BLM's Decision on this land exchange.

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**B) DIRECT STAFF TO SUBMIT A WRITTEN PROTEST TO THE BUREAU OF LAND MANAGEMENT REGARDING THEIR DECISION TO EXCHANGE PUBLIC LANDS NEEDED FOR FLOOD CONTROL PROJECTS**

The Bureau of Land Management (BLM) has issued its Notice of Decision to exchange public lands in Clark County for lands offered by the American Land Conservancy (ALC). Features of the U.S. Army Corps of Engineers Tropicana and Flamingo Washes Flood Control Project will be located on some of the public lands included in the exchange.

Staff has met repeatedly with representatives of the BLM and ALC in an effort to ensure that sufficient lands are reserved for flood control purposes. If staff is not able to develop mutually acceptable Agreements for the reservation of those lands, staff would recommend that the District submit a written protest to the BLM regarding their Decision on the land exchange. However, if acceptable agreements have been developed, and the Board approves and authorizes the Chairman to sign those Agreements, no action would be required on this item.

**DESIGN AND CONSTRUCTION**

**16) RECEIVE A STATUS REPORT ON THE LONE MOUNTAIN DETENTION BASIN RESOLUTION OF INTENT NUMBER 94-3 - CITY OF LAS VEGAS**

This item is included on the agenda to comply with the Board's April 14, 1994, approval of Resolution of Intent Number 94-3 and the request to report on the developments of the Lone Mountain Detention Basin project. Upon review of the report submitted by the City of Las Vegas, it appears that significant positive progress has been made. Staff is reviewing the Pre-design Report submitted by VTN-Nevada on June 20, 1994. Remaining technical issues, if any, will be identified during

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review of the Pre-design Report and resolutions will be sought.

Staff, TAC and CAC recommend that the Board receive the report.

- 17) **APPROVE / ADOPT / AUTHORIZE THE CHAIRMAN TO SIGN RESOLUTION OF INTENT NUMBER 94-6 TO ALLOW USE OF THE UNEXPENDED BALANCE OF FUNDS PROVIDED FOR THE UNION PACIFIC RAILROAD CHANNEL PROJECT FOR CONSTRUCTION OF THE PITTMAN-PECOS AND MCDONALD RANCH DETENTION BASINS - CITY OF HENDERSON**

The City of Henderson has requested that the Board approve a Resolution of Intent (ROI) stating that the District intends to consider entering into an agreement with the City of Henderson to provide some funding for design, right-of-way acquisition, and construction of the Pittman/Pecos (MPU structure No. PTPE 0418) and McDonald Ranch (PTMR 0447) detention basins. Additional funding is to be provided by developers deriving direct benefit from the projects. The ROI states that District funding will be in an amount not to exceed \$450,522.53 obtained from the balance remaining from the \$2,600,000 presently committed to the UPRR Channel project (Fund 444).

While there are pros and cons to be considered regarding the resolution, staff considers Resolution No. 94-6 premature at this time and cannot support the item, due to technical and other related issues as stated in "Cons" included in the agenda backup. TAC approved the resolution, with a three-month review and a six-month expiration from the date of Board approval. The Boulder City representative voted in the negative. CAC unanimously voted for denial, stating that the request was premature at this time.

- 18) **APPROVE THE FINAL ACCOUNTING REPORT WHICH RETURNS \$450,522.53 TO FUND 444 AND CLOSEOUT THE PROJECT FOR THE UNION PACIFIC RAILROAD CHANNEL - CITY OF HENDERSON**

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Staff recommends approval of this item which was held at the April 14 and May 12, 1994 Board meetings. The final accounting report has been prepared to closeout the Union Pacific Railroad Channel project which has been completed.

19) **GENERAL MANAGER'S REPORT:**  
To be given at the meeting.

20) **CITIZENS PARTICIPATION:**  
No action can be taken on any matter discussed under this item, although the Board can direct that it be placed on a future agenda.

Respectfully submitted,



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

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**

ANNUAL ELECTIONS

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

THAT THE BOARD ELECT A CHAIRMAN, VICE-CHAIRMAN AND SECRETARY

**FISCAL IMPACT:**

None.

**BACKGROUND:**

NRS 543.330 requires that the Board meet in July of each year to elect one of its members as Chairman of the Board and President of the District, and elect a Secretary of the Board and of the District, who may or may not be a member of the Board. The Policies and Procedures adopted by the Board require the election of a Vice-Chairman to act on behalf of the Chairman in his/her absence. The current Chairman is Mayor Iris Bletsch, the Vice-Chairman is Scott Higginson. Staff recommends that Deanna Lefko from the District staff be elected to the position of Secretary.

Respectfully submitted,



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

RFCD AGENDA  
ITEM #2  
Date: 07/14/94

**MINUTES**  
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**  
**BOARD OF DIRECTORS**  
**JUNE 9, 1994**

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**MEETING NOTICES:** Public Notices of the meeting were posted June 3, 1994, by Roxie Tinsley of the Regional Flood Control District at 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.

Public Notices of the meeting were also mailed on June 3, 1994 to the cities of Boulder City, Henderson, Laughlin, and Mesquite for posting on community notice boards.

**MEMBERS PRESENT:** Iris Bletsch, Chairman, City of Boulder City  
Scott Higginson, Vice Chairman, City of Las Vegas  
Yvonne Atkinson-Gates, Clark County  
Bruce Woodbury, Clark County  
Larry Scheffler, City of Henderson  
Ken Carter, City of Mesquite  
Theron Goynes, City of North Las Vegas

**ABSENT:** Jan Laverty Jones, City of Las Vegas

**STAFF:** Gale Wm. Fraser, II, General Manager  
Kevin L. Eubanks, Asst. General Manager  
Chris Figgins, Deputy District Attorney  
Joe Gumiensky, Manager of Business & Finance  
Cathy Razor, Project Coordinator  
Steve Roberts, Sr. Engineer  
Robert Garza, Sr. GIS Analyst  
Deanna Lefko, Management Analyst  
Michael Cuddy, Civil Engineer  
Chrisell Anderson-Jones, Administrative Assistant

**INTERESTED PARTIES:** Joe Merica, Merica, Burch and Dickerson

**I. CALL TO ORDER / AGENDA / MINUTES**

1) CALL THE MEETING TO ORDER AND APPROVE THE AGENDA

Chairman Bletsch called the meeting to order at 8:45 a.m.

Commissioner Woodbury motioned to approve the agenda. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

2) APPROVE THE MINUTES OF THE REGULARLY SCHEDULED MEETING OF MAY 12, 1994

Commissioner Atkinson-Gates motioned to approve the minutes. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

**II. CONSENT AGENDA - ITEMS #3 THROUGH #7**

Commissioner Atkinson-Gates motioned to follow staff recommendations on Consent Agenda Items #3 - #7.

**Design and Construction**

3) APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE THIRD SUPPLEMENTAL INTERLOCAL CONTRACT FOR ENGINEERING AND DESIGN OF THE LOGAN WASH DIVERSION AND CHANNEL PROJECT - CLARK COUNTY

Commissioner Atkinson-Gates motioned to follow staff recommendations on Consent Agenda Items #3 - #7. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

4) APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE FOURTH SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION OF THE LOGAN WASH FLOOD CONTROL IMPROVEMENTS IN MOAPA VALLEY - CLARK COUNTY

Commissioner Atkinson-Gates motioned to follow staff recommendations on Consent Agenda Items #3 - #7. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

5) ACCEPT A RECOMMENDATION BY CLARK COUNTY FOR AWARD OF BID TO MEADOW VALLEY CONTRACTORS IN THE AMOUNT OF \$2,943,274.73 FOR CONSTRUCTION OF THE VAN BUSKIRK CHANNEL PHASE VI-B SPENCER STREET AND TOMPKINS AVENUE

Commissioner Atkinson-Gates motioned to follow staff recommendations on Consent Agenda Items #3 - #7. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

**Administration**

6) ACCEPT THE PROJECT STATUS REPORTS

Commissioner Atkinson-Gates motioned to follow staff recommendations on Consent Agenda Items #3 - #7. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

7) ACCEPT THE FINANCIAL REPORTS

Commissioner Atkinson-Gates motioned to follow staff recommendations on Consent Agenda Items #3 - #7. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

**III. DISCUSSION / ACTION ITEMS**

**Administration**

**8) APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACTS FOR FISCAL YEAR 1994-95 MAINTENANCE WORK PROGRAMS FOR THE CITIES OF BOULDER CITY, HENDERSON, LAS VEGAS, MESQUITE, NORTH LAS VEGAS, AND THE COUNTY OF CLARK**

Mr. Fraser said that the contracts total a funding request of \$2,589,719. However, because the cities of Boulder City and Las Vegas elected to use an authorization to proceed method of funding, the July 1, 1994 fiscal impact will be \$1,911,019. He explained that in reviewing the past three years of maintenance programming funding utilization, 80% of budgeted funds were actually spent. The authorization to proceed process allows for an entity to initially request the funds they require immediately, and return to the Board at a later date requesting additional funds on a notice to proceed basis. Staff felt that approaching the MWP budget in this manner, rather than encumbering the entire year's maintenance budget on July 1st, allowed the District to fund the projects on the priority list, the new projects, the capital improvement projects, more expeditiously.

Councilman Goynes motioned to approve. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

**9) RECEIVE A STATUS REPORT ON THE PRIORITIZATION OF PROJECTS, 10-YEAR CONSTRUCTION PROGRAM AND FISCAL YEAR 1994-95 PROJECT LIST; DIRECT STAFF AS DEEMED APPROPRIATE**

Mr. Fraser reported that the Advisory Committees elected to hold the item due to the "last minute" inclusions received. The report included in the backup is a close resemblance of what the 10-Year Program and the FY 94/95 Project List will be, and staff expected the item would be on the July Board agenda for action.

Councilman Higginson expressed his appreciation of the inclusion of the Lone Mountain Detention Basin Phase I project onto the Project List for consideration. Mr. Fraser explained that the addition of the project was the result of the Resolution of Intent approved by the Board in April 1994.

**10) RECEIVE A STATUS REPORT ON THE 1995 LEGISLATIVE BILL DRAFT REQUEST AND DIRECT STAFF AS DEEMED APPROPRIATE**

Mr. Fraser reported that in keeping with the language changes approved during the last session which allowed for approval of interlocal contracts and Master Plan Changes by two-thirds of the Board present, staff will propose to make that same language apply to approval of Master Plan Amendments.

**11) RECEIVE A STATUS REPORT FROM THE CONSULTANT ON ADVERTISING SERVICES AND DIRECT STAFF OR THE CONSULTANT AS DEEMED APPROPRIATE**

Joe Merica, Merica, Burch and Dickerson, gave the presentation.

**12) APPROVE / ADOPT AND AUTHORIZE THE CHAIRMAN TO SIGN RESOLUTION NUMBER 94-5 PROCLAIMING THE WEEK OF JUNE 19, 1994 THROUGH JUNE 25, 1994 AS CLARK COUNTY REGIONAL FLASH FLOOD AWARENESS WEEK**

Councilman Goynes motioned to approve. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

**13) GENERAL MANAGER'S REPORT**

Mr. Fraser announced the upcoming departure of Michael Cuddy, the District's Civil Engineer II, and commended his performance as a staff member.

Mr. Fraser reported that staff is continuing to work with the Corps of Engineers to facilitate the approval of Project Cooperation Agreement, and would continue to keep the Board apprised of the progress.

Mr. Fraser said that the District recently became aware of a 3,800-acre land exchange proposed between the American Land Conservancy (ALC), a not-for-profit group, and the BLM. He reported that this exchange may adversely impact the Corps of Engineers project, the Equestrian Detention Basin project in Henderson, and other flood control projects in the Las Vegas Valley, as well as the ability to obtain right-of-way. Mr. Fraser said that in trying to preserve right-of-way for the flood projects, staff has met with the BLM and ALC in an effort to negotiate an agreement between the ALC and District prior to the land exchange and private ownership.

Commissioner Woodbury said that if the right-of-way for the flood projects is not preserved, the District could potentially spend millions of dollars when the land would otherwise be transferred free from the BLM. He commented that it would be totally irresponsible if a federal agency, or anybody involved, allows that to happen. Commissioner Woodbury said the District needs to make sure it doesn't.

14) CITIZENS PARTICIPATION

There was none.

**ADJOURNMENT**

There being no further business, Chairman Bletsch adjourned the meeting at 8:58 a.m.

Respectfully submitted,

Attest: \_\_\_\_\_ 1994

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

\_\_\_\_\_  
IRIS BLETSCH  
CHAIRMAN

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

MASTER PLAN UPDATES FOR BUNKERVILLE AND MESQUITE, NEVADA

**RECOMMENDATION SUMMARY**

**STAFF:** Authorize the General Manager/Chief Engineer to solicit proposals, select a consultant, and negotiate a contract for professional services.

**TECHNICAL ADVISORY:** Approve.

**CITIZENS ADVISORY:** Approve.

**RFCD AGENDA  
ITEM # 04  
Date: 07/14/94**

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

MASTER PLAN UPDATES FOR THE TOWN OF BUNKERVILLE AND  
THE CITY OF MESQUITE

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

AUTHORIZE THE GENERAL MANAGER/CHIEF ENGINEER TO SOLICIT  
PROPOSALS, SELECT A CONSULTANT, AND NEGOTIATE A CONTRACT FOR  
PROFESSIONAL SERVICES TO PREPARE A MASTER PLAN UPDATE FOR THE  
TOWN OF BUNKERVILLE AND THE CITY OF MESQUITE

**FISCAL IMPACT:**

None.

**BACKGROUND:**

The District is required by statute (NRS 543.596) to update the Master Plan at least once every five years. The Bunkerville Master Plan was last updated and adopted by the Board as an amendment to the original (1986) Master Plan on July 12, 1990. The Master Plan for the City of Mesquite was last updated and adopted by the Board as an amendment to the original (1986) Master Plan on November 14, 1991.

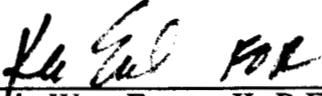
Funding for the Master Plan Updates for Bunkerville and Mesquite is included in the FY 94/95 budget approved by the Board on April 14, 1994. In order to take advantage of economies of scale and the savings that might be associated with the close proximity of these two planning areas to one another, staff requests that the Board authorize the General Manager/Chief Engineer to solicit proposals and select a consultant to perform both Master Plan Updates for Bunkerville and Mesquite under one contract. Requesting proposals from consultants now will allow sufficient time to review and select a consultant to perform the work in FY 94/95 and have it

<b>TAC AGENDA ITEM # 4 Date: 06/30/94</b>	<b>RFCD AGENDA ITEM # 4 Date: 7/14/94</b>
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completed and adopted within the time frame outlined in NRS 543.596. It is expected that a professional services contract to perform the work will be before the Board in September 1994, and completion of the Master Plan Updates for Bunkerville and Mesquite will be finalized and presented to the Board for adoption no later than July 1995.

A copy of the Request For Proposals (RFP) and draft Scope of Work is included in the back-up for your review.

Respectfully submitted,

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

<b>TAC AGENDA</b> <b>ITEM # 4</b> Date: 06/30/94	<b>RFCD AGENDA</b> <b>ITEM # 4</b> Date: 7/14/94
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**Regional Flood Control District**  
**AGENDA ITEM DEVELOPMENT**

**Staff Discussion:**

**Date:** 07/05/94

**MASTER PLAN UPDATES FOR BUNKERVILLE AND MESQUITE, NEVADA**

In accordance with NRS 543.596, review and updating of the District flood control Master Plans are to be conducted on a five year cycle. To facilitate a contract start date in the beginning of FY 94/95 and project completion within the required time frame, staff recommends commencement of the proposal solicitation, consultant selection and negotiation processes at this time. Staff also recommends grouping the two Master Plan Updates together, which should result in cost savings associated with economies of scale and the close proximity of the two planning areas to one another.

A copy of the Request For Proposals (RFP) and draft Scope of Work are included in the back-up for your review and additional information.

**Staff Recommendation:**

Authorize the General Manager/Chief Engineer to solicit proposals, select a consultant and negotiate a contract for professional services.

**Discussion by Technical Advisory Committee:**

**AGENDA**  
**#4 Date: 06/30/94**

**Recommendation:**

Follow the staff recommendation.

**Discussion by Citizens Advisory Committee:**

**AGENDA**  
**#4 Date: 07/05/94**

**Recommendation:**

Follow the staff recommendation.

**MASTER PLAN UPDATE  
TOWN OF BUNKERVILLE and CITY OF MESQUITE**

**DRAFT  
SCOPE OF WORK**

**Project Description**

The Clark County Regional Flood Control District is responsible for developing comprehensive flood control master plans for the planning areas within Clark County. The District is also required by statute (NRS 543.596) to update Master Plans at least once every five years. The Master Plans for the Town of Bunkerville and the City of Mesquite were originally included in the county-wide Master Plan in 1986. The Bunkerville Master Plan and the Master Plan for the City of Mesquite were last updated and adopted by the Board as amendments to the original (1986) Master Plan on July 12, 1990 and November 14, 1991, respectively.

The study area for the Town of Bunkerville is located on the Virgin River, east of the City of Mesquite, approximately ninety miles northeast of Las Vegas on Interstate Highway 15. The presently adopted Master Plan includes a system of levees and channels. This update will include evaluating other alternatives, including detention basins, and various outfall alignments and treatments. A design for the Bunkerville flood control system, as shown in the presently adopted Master Plan, was completed and subsequently rejected by the Bunkerville Town Board as impractical. Alternatives and final recommendations will be developed through close coordination with the District; Clark County Departments of Public Works, Comprehensive Planning and Town Services, and most importantly, with the Bunkerville Town Board.

The Study area for the City of Mesquite is located on the Virgin River approximately ninety-five miles northeast of Las Vegas on Interstate Highway 15. The presently adopted Master Plan includes systems of detention basins, channels, and culverts on three watersheds (Pulsipher, Abbot and Town Washes). A major Master Plan detention basin was completed on the Town Wash (Jim Wilson Dam) since adoption of the current Master Plan. The project will include updating the existing structures inventory, and developing alternatives and final recommendations through close coordination with the District; Clark County Departments of Public Works, Comprehensive Planning and Town Services; and the City of Mesquite Department of Public Works.

**TASK A -- RECONNAISSANCE**

The reconnaissance task will be performed to establish the background information required to update the CCRFCD Master Plans for the Town of Bunkerville and the City of Mesquite as adopted by the Board as amendments to the original (1986) Master Plan on July 12, 1990 and November 14, 1991, respectively. Flood hazards associated with the Virgin River will also be addressed.

## **TASK A1. DATA COLLECTION AND REVIEW**

The consultant will collect and review available pertinent data from the Town of Bunkerville, Clark County, City of Mesquite, the CCRFCD, and other outside sources. Data to be collected and reviewed will include:

- CCRFCD Master Plans
- Right-of-way and land ownership information
- Land use and planning information
- Historical flooding information
- Existing hydrologic and hydraulic reports
- As-built plans for existing structures
- FEMA flood hazard boundary maps and revisions
- Soil Survey data

## **TASK A2. UPDATE THE INVENTORY OF EXISTING FACILITIES**

The existing inventory of drainage structures will be reviewed and revised using as-built plans and field reconnaissance. Approximate capacities will be estimated for each structure larger than 36 inches in diameter using standard methods described in the CCRFCD *Hydrologic Criteria and Drainage Design Manual* and the U.S. Army Corps of Engineers (USCOE) manual *Hydraulic Engineering Circular No. 5*.

## **TASK B-- HYDROLOGIC AND HYDRAULIC ANALYSES**

The existing hydrologic model presented in the effective Master Plans will be reviewed and revised if necessary. The methods and procedures will be consistent with the CCRFCD *Hydrologic Criteria and Drainage Design Manual*. The following tasks are included.

### **TASK B1. FIELD RECONNAISSANCE**

A field reconnaissance of the watersheds will be conducted to evaluate soil conditions, vegetation types and densities, natural channel geometries, level of development, and other modeling parameters. All selected modeling techniques and parameters will be coordinated with CCRFCD staff prior to finalizing the model.

### **TASK B2. HYDROLOGY**

A review of the existing CCRFCD Master Plan Hydrologic model will be performed and appropriate modifications will be made. The most current version of the USCOE's HEC-1 computer program will be used to develop an updated hydrologic model for the water sheds. Using appropriate hydrologic judgment, sub-basins will be identified that provide reasonable

representations of watershed conditions. Specific techniques to be used in this study will be those defined in CCRFCD's *Hydrologic Criteria and Drainage Design Manual*, or as approved by CCRFCD staff.

Two watershed conditions will be simulated. An existing condition model will be prepared based on current development in the watershed. The future condition model will be based on the assumption that all land within the planning areas is developed and that all other areas will remain natural. The final models will be compared with previous studies and available regional data for reasonableness, but will not be calibrated to gage data. Flood Insurance Study (FIS) discharges will be established at concentration points approved by the District; however, no submittal to or additional coordination with FEMA is proposed. No hydrologic analysis of the Virgin River is proposed.

### **TASK B3. HYDRAULICS**

Appropriate models and methods will be used to estimate the hydraulic capacities of the existing structures. Virgin River flood hazards will be summarized based on the current FIS, and described in the report.

### **TASK B4. SEDIMENTATION**

A cursory estimate of the sediment storage requirement will be made for each flood control alternative as a function of the contributing watershed area. Selection of an appropriate method for estimating sediment impacts will be coordinated with the District, Clark County, and the City of Mesquite.

## **TASK C--PLAN FORMULATION AND EVALUATION**

Facilities recommended in the existing Master Plan will be reviewed for current feasibility considering the results of the previous tasks. Additional alternatives will be developed, where appropriate, through close coordination with all entities. Approximate size, depth, storage, configuration, and conceptual costs will be estimated for each alternative. Each alternative will be modeled using the HEC-1 model developed in Task B2 and the models from Task B3. Conceptual mitigation alternatives for Virgin River flood hazards will be addressed. The alternatives will be reviewed with CCRFCD staff and the City of Mesquite.

The alternatives will be evaluated based on cost effectiveness, land use impacts, phasing capabilities, and identified environmental impacts. (No environmental assessment is included in this scope.) Cost opinions will be based on local data where available and will include:

- Construction costs
- Right-of-way acquisition costs
- Estimated environmental mitigation costs

## **TASK D--RECOMMENDATIONS AND REPORTS**

### **TASK D1. REPORT PREPARATION**

Draft and final Master Plan Update Reports will be prepared to present the result of Tasks A, B, and C for each of the planning areas. The reports will include descriptions of the recommended alternatives, including right-of-way and operation and maintenance requirements, known utility conflicts, an order-of-magnitude cost opinion, and recommended construction sequence. Five copies of each draft report and technical appendices will be submitted for distribution for review by the District, Clark County, the Town of Bunkerville, and the City of Mesquite. Fifteen copies of each final report and five of each technical appendices will be provided to the District. The report and appendices will present the following:

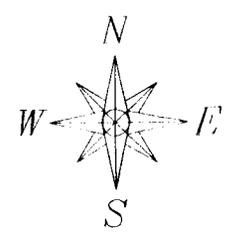
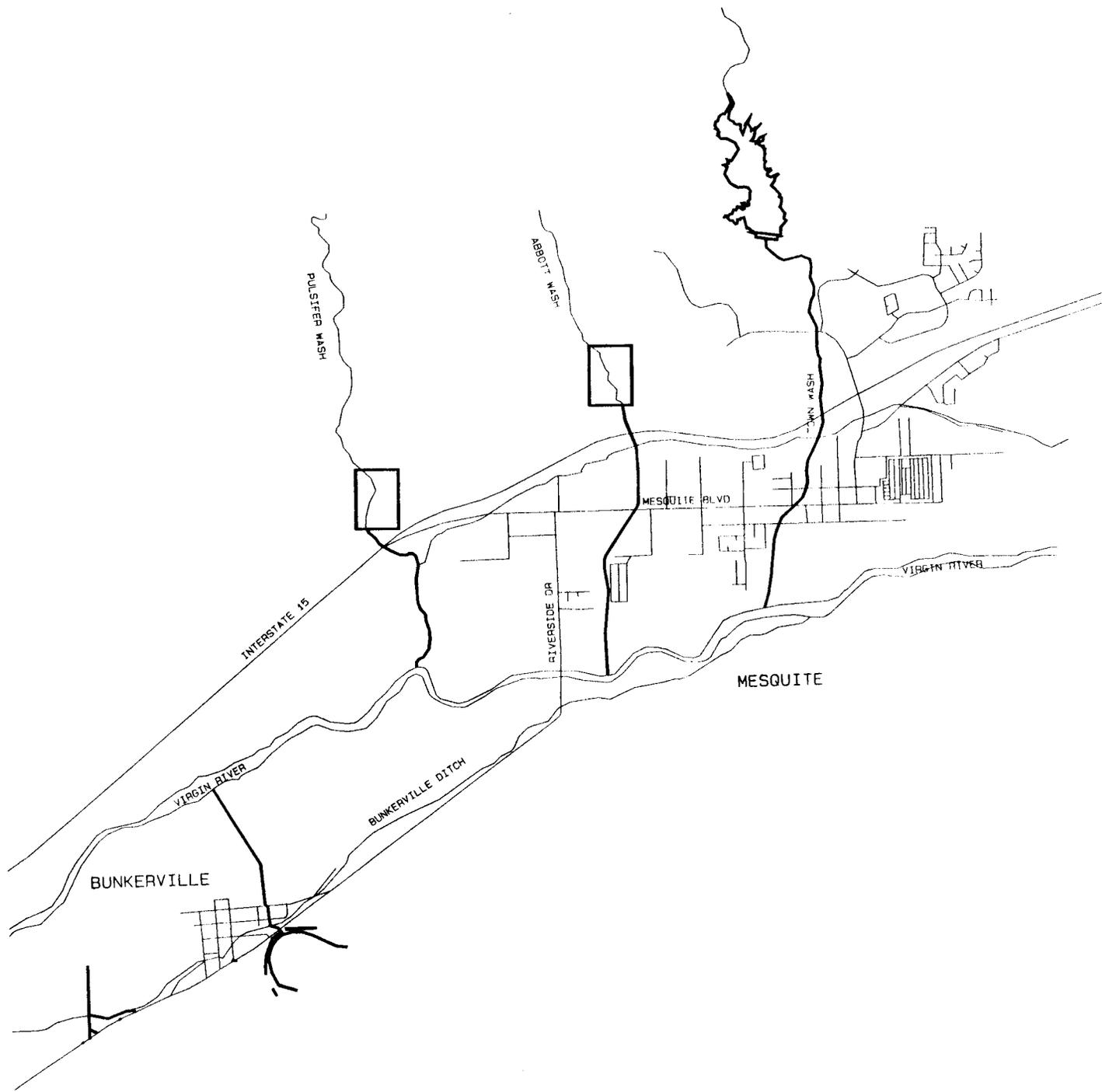
- Inventory of existing facilities
- Soils data
- Watershed delineation map
- Description and schematic plans of alternatives
- Cost estimates
- Description of the recommended plan
- Recommendations for priority and phasing of improvements

Presentation graphics will be prepared from new aerial photographic map, and USGS Quad bases. No suitable aerial mapping is available, and a new rectified aerial photograph will be provided. Color xerox figures will be used in the final report where appropriate.

Monthly coordination meetings will be held with a planning committee formed by the affected entities and other interested parties identified by the District. Progress reports and meeting minutes will be provided at each meeting. This task also includes project "kick-off", intermediate, and final recommendation presentations to all affected Town Boards, City Councils, and governmental entities.

### **TASK E - OPTIONAL TOPOGRAPHIC SERVICES**

As an optional service to be authorized at the discretion of the General Manager/Chief Engineer, the consultant will prepare, or subcontract to prepare, topographic maps at a scale and contour interval to be determined by the District for the Town of Bunkerville planning area.



LOCATION PLAN

**FLOOD CONTROL  
STATEMENT OF QUALIFICATIONS**

1. Date prepared: \_\_\_ / \_\_\_ / \_\_\_
2. Firm's name: \_\_\_\_\_
3. Firm's address: \_\_\_\_\_
4. Year firm established: \_\_\_\_\_
5. Year local office established: \_\_\_\_\_
6. Location of:
  - a. Main office: \_\_\_\_\_  
\_\_\_\_\_
  - b. Local office: \_\_\_\_\_  
\_\_\_\_\_
  - c. Office where majority of work will be performed:  
\_\_\_\_\_  
\_\_\_\_\_
7. Year former firm(s) were established:
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_
  - d. \_\_\_\_\_
8. Name, title, and telephone number of two principals in firm that can be contacted:
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_

9. Name, title, office location and Nevada registration number of professional engineers resident on staff to be in direct responsible supervision of the work.

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

10. List locations of other offices (no more than five):

	Address	Telephone	No. of Personnel
a.	_____	_____	_____
b.	_____	_____	_____
c.	_____	_____	_____
d.	_____	_____	_____
e.	_____	_____	_____

11. Errors and omissions insurance:

a. Amount your firm presently carries: \$ \_\_\_\_\_

b. Carrier's name and address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

c. If no insurance, state other arrangements:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_









18. List firm's experience for last five years in flood control/planning studies:

<b>Project Name</b>	<b>Project Description:</b> 1. List location and owner of project 2. List any special features or function of project 3. List name of engineer in charge of project	<b>Describe Services Rendered</b>	<b>Total Fees Earned</b>	<b>Total Project Costs</b>

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

**MUDDY RIVER FLOOD INSURANCE RESTUDY - CONSULTANT CONTRACT**

**RECOMMENDATION SUMMARY**

**STAFF:** Approve and authorize the Chairman to sign.

**TECHNICAL ADVISORY:** Approve.

**CITIZENS ADVISORY:** Approve.

**RFCD AGENDA  
ITEM # 05  
Date: 07/14/94**

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**MUDDY RIVER FLOOD INSURANCE RESTUDY - CONSULTANT CONTRACT**

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

**THAT THE BOARD APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE CONSULTANT CONTRACT FOR A FLOOD INSURANCE RESTUDY OF THE MUDDY RIVER**

**FISCAL IMPACT:**

\$224,458 (Fund 286)

**BACKGROUND:**

At the April 14, 1994 meeting, the Regional Flood Control District Board of Directors authorized the General Manager to solicit proposals, select a consultant, and negotiate a professional services contract to perform a flood insurance restudy of the Muddy River. The project primarily involves revision of the flood insurance rate zones, base flood elevations and floodway boundaries for the Muddy River and Meadow Valley Wash (see contract Exhibit "B") as they are affected by the completion of certain Regional Flood Control District projects and revised topographic information.

Ten (10) proposals were received before 4:00 p.m. on April 28, 1994, from the firms identified on the attached list. A review committee (Committee) was comprised of staff members of the Clark County Department of Public Works and the Regional Flood Control District to rank the proposals. Based upon Committee rankings, staff selected and completed contract negotiations with the firm of G. C. Wallace, Inc. to provide consulting services in the preparation of the Flood Insurance Restudy.

A copy of the contract is attached for your review and approval.

Respectfully submitted,



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

<b>TAC AGENDA</b> <b>ITEM # 5</b> <b>Date: 06/30/94</b>	<b>RFCD AGENDA</b> <b>ITEM # 5</b> <b>Date: 7/14/94</b>
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**Regional Flood Control District**  
**AGENDA ITEM DEVELOPMENT**

**Staff Discussion:**

**Date:** 07/05/94

**MUDDY RIVER FLOOD INSURANCE RESTUDY - CONSULTANT CONTRACT**

At the April 14, 1994 meeting, the Board authorized the General Manager to solicit proposals, select a consultant, and negotiate a professional services contract to perform a flood insurance study of the Muddy River. Ten (10) proposals were received and reviewed by a committee comprised of staff from Clark County Public Works and the District. Based upon committee rankings, G.C. Wallace, Inc. was selected and staff has completed contract negotiations to provide consulting services in the preparation of the Flood Insurance Restudy. The contract has been reviewed by the District Attorney as to form, and is attached for review.

**Staff Recommendation:**

Approve and authorize the Chairman to sign.

**Discussion by Technical Advisory Committee:**

**AGENDA**  
**# 5 Date: 06/30/94**

**Recommendation:**

Approve.

**Discussion by Citizens Advisory Committee:**

**AGENDA**  
**#5 Date: 07/05/94**

**Recommendation:**

Approve.

**FIS Proposals Submitted For  
Muddy River Study Area**

**FIRM**

**BSI Consultants, Inc./MEA**

**CH2MHill**

**Church/PBS&J,**

**Coe & Van Loo/ Pentacore Engineering, Inc.**

**G.C. Wallace**

**Kennedy Jenks Consultants**

**Montgomery Watson**

**Nimbus Engineers**

**Summit**

**Willdan Associates**

**AGREEMENT FOR PROFESSIONAL SERVICES  
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT  
AND  
G. C. WALLACE, INC**

THIS AGREEMENT is made and entered into this \_\_\_\_\_ day of June, 1994, by and between the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT (hereinafter referred to as "DISTRICT") and G. C. Wallace, Inc. (hereinafter referred to as "CONSULTANT"), for the Muddy River Flood Insurance Study Restudy (hereinafter referred to as the "PROJECT").

**WITNESSETH**

WHEREAS, the DISTRICT desires to complete a Flood Insurance Study (FIS) restudy for the PROJECT, and

WHEREAS, the CONSULTANT is experienced and is knowledgeable in the completion of such works, and

WHEREAS, the CONSULTANT and the DISTRICT recognize the need to coordinate the PROJECT with the Clark County Technical Review Committee established by the DISTRICT for this project, and

WHEREAS, the CONSULTANT represents that it is properly registered and qualified in accordance with the Nevada Revised Statutes and has the personnel and facilities necessary to accomplish the PROJECT with the required time, and

WHEREAS, the parties desire to set forth the responsibilities, terms, and conditions of completing the PROJECT,

NOW, THEREFORE, in consideration of the premises and terms contained herein, the parties agree as follows:

**Section I**  
**RESPONSIBILITY OF CONSULTANT**

- A. The CONSULTANT shall be responsible for the professional quality, technical accuracy, timely completion, and coordination of all services furnished by the CONSULTANT, its subcontractors and subconsultants and its and their principals, officers, employees, and agents under this AGREEMENT. In performing the specified services, CONSULTANT shall follow practices consistent with generally accepted current professional and technical engineering standards.
- B. It shall be the duty of CONSULTANT to assure that all work products are technically sound and in conformance with all pertinent and current federal, State, and local statutes, codes ordinances, resolutions, and other regulations -- in particular, the federal Endangered Species Act. If, during the term of this contract, there are any changes or new laws, ordinances, statutes, rules or regulations not known or foreseeable at the time of signing this contract which become effective and which affect the cost or time of performance of the contract, CONSULTANT shall immediately notify DISTRICT in writing and submit detailed documentation of such effect in terms of both time and cost of performing the contract. Upon concurrence by DISTRICT as to the effect of such changes, and adjustment in time of performance and/or compensation for an increase or decrease in labor, materials, and equipment directly required to be in compliance will be made. Except for an extension of time, no payment or compensation of any kind shall be made to CONSULTANT for damages caused by such changes or new laws, ordinances, statutes, rules or regulations, including, but not limited to, those which may arise due to delay, disruption, acceleration, or inefficiency. If any discrepancy or inconsistency should be discovered between this contract and any law, ordinance, regulation, order, or decree, CONSULTANT shall immediately report the same in writing to DISTRICT, who will issue such instruction as may be necessary. The CONSULTANT shall, without additional compensation, correct or revise any errors or deficiencies in its recommended plans, policies, designs, drawings, and other sections of the PROJECT. It is also understood and agreed by both parties that if any variation

in measurements, calculations, or observations of a quantity due to mistakes, hereinafter referred to as "erroneous work" is found, the CONSULTANT will expeditiously perform the necessary work, at no expense to the DISTRICT, to correct the erroneous work. The reviewing process by the DISTRICT during the progress of the PROJECT will not relieve the CONSULTANT's obligation for erroneous work in the preparation of the different sections of the PROJECT. Any revisions or updates of the PROJECT after submittal would be considered outside the scope of services for this AGREEMENT.

- C. The CONSULTANT will be responsible for holding monthly progress meetings with the DISTRICT. Minutes of these meetings and a summary of the PROJECT status will be submitted by the CONSULTANT to the DISTRICT with each monthly invoice for professional services.
- D. It is agreed that any and all documents prepared and submitted by the CONSULTANT to the DISTRICT, and all information required of the CONSULTANT by the AGREEMENT, become the property of the DISTRICT. The CONSULTANT may retain copies and reproducible copies of all documents produced as a result of the PROJECT. In the event of the termination of the AGREEMENT, all documents produced shall be and become the property of the DISTRICT. The CONSULTANT agrees to surrender all such documents to the DISTRICT.
- E. The CONSULTANT agrees that its officers and employees will cooperate with the DISTRICT in the performance of services under this AGREEMENT and will be available for consultation with the DISTRICT at such reasonable times and with advance notice so as to not conflict with their other responsibilities.
- F. The rights and remedies of the DISTRICT provided for under this section are in addition to any other rights and remedies provided by law or under other sections of the AGREEMENT.

**Section II**  
**DISTRICT'S RESPONSIBILITY**

- A. The DISTRICT agrees that its officers and employees will cooperate with CONSULTANT in performance of services under this AGREEMENT and will be available for consultation with CONSULTANT at such reasonable times with advance notice as to not conflict with their other responsibilities.
  
- B. The services performed by CONSULTANT under this AGREEMENT shall be subject to review and approval by DISTRICT General Manager. The DISTRICT General Manager may delegate any or all of the General Manager's responsibilities under this AGREEMENT to appropriate staff members, and shall so inform CONSULTANT by written notice before the effective date of each such delegation.
  
- C. The services to be performed by the CONSULTANT under this AGREEMENT shall be subject to periodic review by DISTRICT's General Manager. The review comments of DISTRICT's General Manager shall be reported in writing to the CONSULTANT by the DISTRICT's General Manager. To prevent an unreasonable delay in the CONSULTANT's work, the DISTRICT's General Manager will endeavor to examine all documents and will make authorizations in writing to the CONSULTANT to proceed with work within 10 working days of receipt of such documents. It is understood that the DISTRICT's representative's review comments do not relieve the CONSULTANT from the responsibility for professional and technical accuracy of all work delivered under this AGREEMENT.
  
- D. DISTRICT shall, without charge, furnish to or make available for examination or use by the CONSULTANT as it may request, any relevant data which the DISTRICT has available, including as examples only and not as a limitation:

1. Copies of reports, maps, plans, surveys, records, and other documents pertinent to flooding, flood control facilities, public properties, property developments, and other physical features related to the PROJECT.
  2. Copies of previously prepared reports, publications, design hydrologic and hydraulic data, flooding information, flooding data, rainfall/runoff data, representative local drainage requirements (i.e., subdivision, planning and zoning regulations, ordinances, codes criteria, and special agreements or procedures), analyses, and computation manuals, computer programs, other documents and information related to the PROJECT and services specified by this AGREEMENT. CONSULTANT shall return original data provided by the DISTRICT.
- E. Upon written request from the CONSULTANT, the DISTRICT shall reasonably assist CONSULTANT in obtaining data and documents from public officers or agencies and from private citizens and business firms whenever the DISTRICT determines that such material is necessary for the completion of the services specified by the AGREEMENT. DISTRICT shall provide the CONSULTANT with a list of names of individuals, agencies, or any other parties that should receive written communication related to the PROJECT from the CONSULTANT.
- F. CONSULTANT will not be responsible for accuracy of information or data supplied by the DISTRICT or other sources, but will use such data to the extent such information or data would be relied upon by a reasonably prudent professional engineer.

**Section III**  
**SCOPE OF WORK**

- A. The CONSULTANT shall perform Tasks 1 through 4 including services discussed in the project description as specified in Exhibit A, which is attached hereto, and by this reference made a part of this AGREEMENT. Exhibits B depicts the area in which the services are to be performed and is attached hereto and by this reference is made a part of this AGREEMENT. The services will be completed within the time specified in Section 5 and depicted in Exhibit C attached hereto and by this reference are also made a part of this AGREEMENT.
  
- B. The DISTRICT may at any time, by written order, make changes within the general scope of this AGREEMENT and in the services or work to be performed by the CONSULTANT. If such changes cause an increase or decrease in the CONSULTANT's cost or time required for performance of any services under this AGREEMENT, an equitable adjustment shall be made and this AGREEMENT shall be modified in writing accordingly. Any claim of the CONSULTANT for adjustment under this clause must be asserted in writing within 30 days from the date of receipt by the CONSULTANT of notification of changes unless the DISTRICT grants a further period of time before the date of final payment under this AGREEMENT.
  
- C. No services for which an additional compensation will be charged by the CONSULTANT shall be furnished without the written authorization of the DISTRICT.

**Section IV**  
**COMPENSATION AND TERMS OF PAYMENT**

- A. Once each month, the DISTRICT shall pay the CONSULTANT for services performed under Section III, Scope of Work. Invoices are prepared and submitted on a monthly basis and are due upon receipt. Payment is past due thirty (30) days from the invoice date. In the event the DISTRICT fails to make any payments, the CONSULTANT may cease work immediately until payment for the invoice and service charge is made. An additional charge at the rate of 1-1/2 percent per month will be charged against invoices which are past due.
- B. Compensation and Method of Payment for Engineering Services are:
1. The DISTRICT shall pay the CONSULTANT on a time and materials basis under the CONSULTANT'S fee schedule, which is attached hereto as Exhibit D and by this reference made a part of this AGREEMENT.
  2. The maximum cost to the DISTRICT for Task 1 through Task 4 including services discussed in Project Description accomplished under this AGREEMENT shall not exceed \$224,500.00 unless the DISTRICT receives a written request, with justification, and the DISTRICT approves a change in scope and an increase in compensation. If approved, a supplement to this AGREEMENT must be executed. An estimated cost based on a detailed breakdown of the cost by tasks, and direct costs is shown on Exhibit E, which is attached hereto and by this reference made a part of this AGREEMENT. While the maximum cost to the District shall not exceed \$224,500.00, the cost figures presented in Exhibit E are only estimates, and are not intended to limit the compensation to be paid for an individual task. Payments will be made to the CONSULTANT on a monthly basis upon receipt of a progress report and itemized invoices for work accomplished.

**Section V**  
**TIME AND PERFORMANCE**

- A. The Project Time Schedule for work under this AGREEMENT is attached as Exhibit C and by this reference made a part of this AGREEMENT. The CONSULTANT will perform the work in accordance with said Project Time Schedule, and will provide the DISTRICT's representative a progress report in conjunction with the monthly invoice describing changes in schedule.

Work shall begin immediately upon receipt by the CONSULTANT of the Notice to Proceed by General Manager. All work necessary to prepare and review the project deliverables for submittal to the Federal Emergency Management Agency (FEMA) for review and publication shall be completed 365 calendar days from notice to proceed. Services required to coordinate with FEMA during the review and approval process will continue as required by the DISTRICT.

- B. The DISTRICT and CONSULTANT recognize the scope of work as detailed in Exhibit A - SCOPE OF SERVICES and as outlined in Exhibit C - PROJECT TIME SCHEDULE can be altered by unforeseen events which may occur. Therefore, a supplement to this AGREEMENT will be prepared, negotiated, and executed when the CONSULTANT establishes, and the DISTRICT agrees, that there has been, or is to be a significant change, including but not limited to:
1. Scope, complexity, or character of the services to be performed such as additional meetings and coordination over those identified in Exhibit A, analysis of additional alternatives, or preparation of additional reports.

2. Conditions under which the work is required to be performed, such as a change in standards or a change in available base data which would require additional work.
  3. Duration of work if the time period for completion of the work warrants such adjustment.
- C. An alteration required by the DISTRICT which results in changes in the scope of work will also be specified in a supplemental AGREEMENT which will set forth the nature and scope thereof and payment therefor.
- D. Neither party shall be considered in default in the performance of its obligations hereunder, or any of them, to the extent that performance of such obligations, or any of them is prevented or delayed by any cause, existing or future, which is beyond the reasonable control of such party. Delays arising from the actions or inactions of one or more of CONSULTANT's principals, officers, employees, agents, subcontractors, subconsultants, vendors, or suppliers are expressly recognized to be within the CONSULTANT's control.

**Section VI**  
**MISCELLANEOUS PROVISIONS**

- A. The CONSULTANT and its subconsultant(s) shall maintain all books, documents, papers, accounting reports, and other evidence pertaining to costs incurred and/or work performed and that such evidence shall be made available for inspection by the DISTRICT at all reasonable times during the AGREEMENT period for three (3) years from the date of final payment.
- B. The DISTRICT has the right to terminate this AGREEMENT upon seven (7) days written notice to the CONSULTANT. This AGREEMENT may also be terminated by either party by seven (7) calendar days' written notice in the event of substantial failure to perform in accordance with the terms hereof by the one party through no fault of the other party. If said termination occurs prior to completion of the PROJECT, the CONSULTANT shall deliver to the DISTRICT all documents, calculations, and all other work performed whether complete or incomplete. Thereafter, the DISTRICT will reimburse the CONSULTANT for all services performed prior to such notice, provided the services performed are satisfactory to the DISTRICT. Termination shall be by written notice, which will be sent by certified mail or hand delivered. Such notice will be deemed effective after the third business day of the mailing post date, or hand delivered, in which case such notice will be deemed effective upon receipt of the written termination to the CONSULTANT or the DISTRICT.
- C. The CONSULTANT does hereby agree to indemnify, defend, and save harmless the DISTRICT from loss, damage, liability, costs, or expense to the proportionate extent caused by the CONSULTANT, its employees, agents, or consultants and/or consultants arising out of its performance of this AGREEMENT, including, but not limited to the negligent acts, errors, omissions, or intentional misconduct of the CONSULTANT, its employees, agents or consultants and/or subconsultants in connection with this AGREEMENT.

- D. During the life of this AGREEMENT, the CONSULTANT shall not engage the services of any person or persons who are currently employed by the DISTRICT without the DISTRICT's prior approval.
- E. The CONSULTANT shall at all times maintain control over and have complete responsibility for all work performed under the AGREEMENT. Any attempted assignment of rights or delegation of duties under this AGREEMENT, without the written consent of the DISTRICT, shall be void.
- F. The CONSULTANT shall submit for review and documentation purposes copies of all subconsultant agreements.
- G. The CONSULTANT shall place his professional engineer stamp on the final FIS report substantiating that the work has been accomplished under the direct supervision of a professional engineer and in accordance with acceptable professional standards.
- H. The CONSULTANT, at is own expense, shall obtain and maintain, for the duration of the Contract, insurance against claims for injuries to persons or damages to property or other losses which may arise from or in connection with CONSULTANT sole negligence or fault in the performance of work hereunder of the CONSULTANT, his agents, representatives, employees or subcontractors of any tier.

The CONSULTANT will provide the DISTRICT with certificates of insurance for coverage as listed below and endorsements, establishing coverage required by the Contract within ten (10) calendar days after approval of this Agreement by the DISTRICT's Board. The certificate of endorsements for each insurance policy are to be signed by a person authorized by the insurer and licensed by the State of Nevada.

The CONSULTANT will:

1. Maintain commercial general liability coverage at limits of no less than \$1,000,000 combined single limit per occurrence and \$1,000,000 annual aggregate for bodily injury (including death), personal injury and property damages. The coverage shall be on an "occurrence" basis only and not on a "claims made" basis; and the coverage must be provided on ISO commercial liability or on ISO broad form comprehensive general liability forms with not exceptions to the coverage for bodily injury, personal injury, broad form property damages, premises operations, severability of interest, products and completed operations, contractual and independent contractors. The DISTRICT, its officers, and employees must be expressly covered as additional insureds.
2. Maintain automobile coverage at limits of no less than \$1,000,000 combined single limit "per accident" for bodily injury and property damage for all owned automobiles, nonowned automobiles, hired automobiles, or any automobile. The DISTRICT, its officers and employees must be expressly covered as additional insureds.
3. Maintain professional liability insurance at limits of no less than \$1,000,000 per claim and \$1,000,000 annual aggregate to insure against claims for losses arising out of the services rendered by the CONSULTANT, its agents, representatives or employees pursuant to the CONSULTANT's Contract with the DISTRICT. "Claims made" insurance coverage will continue for a period of three (3) years beyond the term of the Contract. Any retroactive date must coincide with or predate the date of the Contract and may not be advanced without the DISTRICT's consent. The CONSULTANT's professional liability insurance must provide coverage for the CONSULTANT's subcontractor if the subcontractor does not maintain professional liability insurance in the same amounts and manner as required for the CONSULTANT.

All deductibles and self-insured retention shall be fully disclosed in the certificate of insurance. No deductible of self-insured retention may exceed \$250,000 for commercial general liability, \$250 for automobile, or \$250,000 for professional liability without the written approval of the DISTRICT. If aggregate limits are imposed on bodily injury and property damage, then the amount of such limits must not be less than twice the amount of the limits required herein. All aggregate must be fully disclosed and the amount entered on the required certificate of insurance. Any notice given to the CONSULTANT with respect to exhaustion of limits of insurance shall also be sent to the DISTRICT. The adequacy of the insurance supplied by the CONSULTANT, including the rating and financial health of each insurance company providing coverage, is subject to the approval of the DISTRICT.

4. Maintain Nevada Industrial Insurance and occupational Disease Acts; such insurance will protect it and the DISTRICT from claims made by the CONSULTANT due to work-related injuries.
5. The CONSULTANT's insurance shall be primary as respects to the DISTRICT, its officers, employees, and volunteers. Any other coverage available to the DISTRICT, its officers and employees shall be excess over the insurance required of the CONSULTANT.

The insurance requirements specified herein do not relieve the CONSULTANT of its responsibility or limit the amount of its liability to the DISTRICT or other persons, and the CONSULTANT is encouraged to purchase such additional insurance as it deems necessary.

6. The insurance certificate supplied by the CONSULTANT must provide for a 30-day notice to the DISTRICT before the implementation of a proposal to cancel the required insurance coverage. This notice requirement does not waive the

insurance requirements contained herein. In addition, CONSULTANT shall notify DISTRICT within thirty (30) days of any reduction in coverage or limits.

7. If the CONSULTANT fails to maintain any of the insurance coverage required herein, then the DISTRICT will have the option to either terminate the Contract; declare the CONSULTANT in breach; purchase replacement insurance; or pay the premiums that are due on existing policies in order that the required coverage may be maintained. The CONSULTANT is responsible for any expenses paid by the DISTRICT to maintain such insurance, and the DISTRICT may collect the same from the CONSULTANT or deduct the amount paid from any sums due the CONSULTANT under this Contract.

I. Project Staffing

CONSULTANT shall provide the DISTRICT with a list of CONSULTANT's employees who will be performing work on the PROJECT. This list shall indicate the employee's name, classification, and hourly billing rate. This list will be used by the DISTRICT in reviewing and evaluating changes as a result of CONSULTANT's fiscal year increases (decreases).

J. Governing Law

Nevada law shall govern the interpretation of this AGREEMENT.

K. Notice

Any notice required to be given hereunder shall be deemed to have been given when received by the party to whom is directed by personal service, hand delivery, or U.S. mail at the following addresses:

To DISTRICT: Clark County Regional Flood Control District  
301 East Clark Avenue, Suite 300  
Las Vegas, Nevada 89101

To CONSULTANT: G. C. Wallace, Inc.  
1555 South Rainbow Boulevard  
Las Vegas, Nevada 89102  
Attention: Calvin L. Black, P.E.  
Senior Vice President

IN WITNESS WHEREOF, the parties have caused this AGREEMENT to be executed  
the day and year first above written.

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

By: \_\_\_\_\_ Date: \_\_\_\_\_

G. C. Wallace, Inc.

By: \_\_\_\_\_ Date: \_\_\_\_\_

Calvin L. Black  
Senior Vice President

ATTEST:

By: \_\_\_\_\_ Date: \_\_\_\_\_

APPROVED AS TO LEGALITY ONLY:

By: \_\_\_\_\_ Date: \_\_\_\_\_

Flood Insurance Study  
Restudy  
Muddy River

SCOPE OF WORK

Project Description

The study includes an investigation to delineate flood plains and floodways and to determine base flood elevations for 7.7 miles of the Muddy River from the dam on the Nevada Department of Wildlife refuge upstream to Wells Siding, 10 miles of the Muddy River from I-15 upstream to Arrow Canyon excluding the Moapa River Indian Reservation, and 4.5 miles of the Meadow Valley Wash from Glendale upstream to the Civilian Conservation Corps dams. Also included will be an investigation of the affects of the recently completed Logan Wash flood control improvements as it relates to the removal of flood zones. Tributary washes to the Muddy River and the Meadow Valley Wash are not included in the scope of this restudy.

G. C. Wallace, Inc. (GCW, Consultant), in professional association with Cooper Aerial of Nevada, will prepare new topographic maps for this restudy using the NAVD 88 vertical datum. GCW will provide ground surveys and quality control surveys in accordance with FEMA Document No. 37.

The GCW will develop backwater models and supporting calculations for the study reaches to determine shallow flooding, floodplain, and floodway delineations for the 100-year peak flow. Revised floodplain delineations will be reconciled with current applicable flood insurance study delineations. All work will be performed in accordance with FEMA Document No. 37, **Flood Insurance Study Guidelines and Specifications for Study Contractors** (FEMA Document No. 37), dated March 1993, and all other published FEMA guidelines. Discharge values for 100-year peak flows will be obtained from the Clark County Regional Flood Control District (District, CCRFCD) **Master Plan Update for the Moapa Valley**, prepared by Montgomery Watson Consulting Engineers, Inc. which will be provided to GCW by the District.

Work under this scope must be reviewed and accepted by FEMA prior to finalization of this contract. As a part of this requirement, GCW shall be responsible for Public Notification regarding this project.

## Task 1 - Data Collection

- 1.1 G. C. Wallace, Inc. (GCW) will collect and review pertinent literature and informational data from FEMA, the District, NDOT and Clark County Public Works. Pertinent data under this task will include previously prepared topographic data; previous flood control design reports for public and private projects within the study area; historical flooding information; as-built plans for existing structures; FEMA Flood Insurance Studies, Flood Insurance Rate Maps, Letters of Map Revision and/or Amendments and supporting data; other pertinent information.
- 1.2 GCW will provide to the District a written summary of the literature and informational data collection effort. The summary will include a record of sources and contacts.
- 1.3 GCW will prepare and submit a project schedule showing coordination meetings and completion dates for each of the tasks in this contract.
- 1.4 An initial field reconnaissance will be conducted prior to the start of the study. The following items will be investigated: The extent and conditions of the existing floodplains; existence of any flood control structures (levees, bridges, culverts, channels, etc.); possible development problems; floodplain roughness values and apparent cross-section locations for use in the hydraulic analyses.

## Task 2 - Floodplain Delineation

- 2.1 The hydrology for the subject drainage basins has been completed under separate contract and is presented in the document entitled, **Master Plan Update for the Moapa Valley**, prepared by Montgomery Watson Consulting Engineers, Inc. (MVMPU). GCW will be provided with a copy of the MVMPU, supporting appendices and any available computer diskettes containing model data. The 100-

year discharges presented in the MVMPU will be briefly reviewed by GCW and used for the completion of the hydraulic analysis.

2.2 Cooper Aerial will be retained by GCW as part of this contract to perform aerial topographic mapping of the restudy area. GCW will coordinate the work of Cooper Aerial to ensure that the specifications of the aerial surveying work are met. Quality control of aerial surveys will be performed in accordance with FEMA Document No. 37, **Flood Insurance Study Guidelines and Specifications for Study Contractors**, dated March 1993.

2.2.1 Prepare topographic mapping for approximately 22 miles of watercourse with a 4-foot contour interval with 2-foot supplemental contour interval at a scale of 1-inch = 400-feet at a width sufficient to meet flood hazard mapping requirements. Widths of the mapping is anticipated to range from 1-mile to 1.5 miles for the lower reach of the Muddy River and less than 1-mile for the upper reach of the Muddy River and the Meadow Valley Wash.

2.2.2 Ground Control

- a. GCW shall provide survey control using NAVD 88 and Clark County vertical datum.
- b. GCW will systematically set panel points and establish horizontal and vertical control throughout the areas to be mapped for use in compilation by Cooper Aerial. Where readily available, surveys will be tied to the State Plane Coordinate System. Field control will use existing documented Clark County survey points where possible and be of an adequate density and location to meet the requirements of Cooper Aerial and FEMA Document No. 37.

GCW will be responsible for obtaining all necessary rights-of-entry for the study area. The District and the affected entities will assist as necessary.

c. GCW will provide field surveys to obtain the physical dimensions of specific hydraulic structures within the study area in accordance with FEMA Document 37. The specific hydraulic structures will include:

- The Nevada Department of Wildlife Dam
- The private pedestrian bridge upstream of Overton.
- The Highway 169 bridge over the Muddy River.
- A rock-armored levee below Wells Siding on the east side of the Muddy River.
- The I-15 bridges over the Muddy River.
- The Highway 168 bridge over the Muddy River upstream from I-15.
- The UPPR bridge over the Muddy River just upstream from I-15.
- The UPPR bridge on the Muddy River just upstream from the Reed Gardner Power Plant.

Low flow crossings (dip crossing) of the Muddy River which do not significantly constrict the Muddy River and Meadow Valley Wash watercourses will not be included in the ground surveys. The low flow culverts at the dip crossings will be identified during the field reconnaissance. The Civilian Conservation Corps levees on the Meadow Valley Wash will not be included in the ground surveys. Any additional ground surveys deemed necessary by the District or FEMA will be performed as a supplemental items to

this contract and only subsequent to a written authorization by the District.

- d. GCW will establish additional survey control markers to be used as Elevation Reference Markers (ERMs). The ERM density will be approximately 2 per mile or 4 per square mile of floodplain. Additional points (up to 25 additional) will be established in areas where existing Clark County survey control markers or aerial control points are not available or are not of sufficient density to meet FEMA's requirements.
  - e. GCW will perform quality control surveys to verify the topographic accuracy as outlined in FEMA Document No. 37. Cross-sections will be verified at approximately 2-mile intervals (i.e., one cross-section for every three stereo models). Documentation of the verification effort will be submitted to the District.
- 2.3 Existing Clark County survey control markers and any additional points set as described in Task 2.2.2d aerial ground control points will be identified and described for use as elevation reference markers (ERMs). ERM description, location, and elevation will be tabulated and submitted with the FIS report.
- 2.4 Approximately 22 miles of stream will be restudied using detailed methods. The study area limits are as follows: 7.7 miles of the Muddy River from the Nevada Department of Wildlife refuge dam upstream to the Wells Siding Diversion Dam; 5 miles of the Muddy River from I-15 upstream to the eastern border of the Moapa River Indian Reservation; 5 miles of the Muddy River from the western border of the Moapa River Indian Reservation, just west of the White Narrows, upstream to the Arrow Canyon Wash; and 4.6 miles of the Meadow Valley Wash from I-15 to the southern most Civilian Conservation Corps Levee located in the northwest quarter (NW ¼) of Section 15, Township 14 South, Range 66 East. The hydraulic analyses will be performed using the latest version of the U.S.

Army Corps of Engineers HEC-2 Water Surface Profile computer program. As previously stated, the peak values for the 100-year frequency flows will be provided to GCW. Cross-sections will be delineated on topographic maps (NAVD 88) at points where there are changes in the ground slope, at changes in the hydraulic characteristics of the floodplain and at hydraulic structures. The roughness values used in the model will have been verified by field investigation. Known water surface elevations at control locations (bridges, culverts, etc.), will be used if available and applicable. The starting water surface elevation at natural cross-sections will be based on the normal depth (or slope area method). Any split flow areas will be carefully analyzed.

- 2.5 The integrity of the existing levee at the downstream limit of this study will be evaluated in accordance with the policy presented in FEMA Document No. 37 and 44 CFR 65.10 as applicable.
- 2.6 Base Flood Elevations (BFEs) and water surface profiles will be determined for the 100-year flows from the HEC-2 analysis of the study area.
- 2.7 Flood profiles will be prepared for the approximate 22 miles of detailed riverine study for the 100-year frequency flows. The preparation of these profiles will adhere to the prescribed FIS format.
- 2.8 The 100-year profile for the restudied FIS will be compared with the original study. Any discrepancies will be identified and explained.
- 2.9 Floodways will be initially estimated using equal conveyance loss for both banks of the watercourse (Encroachment Method 4, HEC-2). If this is not feasible, GCW will coordinate with the District and the FEMA Technical Evaluation Contractor to determine the most appropriate engineering method. The floodway analysis will be predicated on a maximum surcharge of 1.0 foot. Floodway limits will be finalized using Encroachment Method 1 within the HEC-2 program.

- 2.10 GCW will analyze shallow flooding areas in accordance with guidelines outlined in FEMA Document No. 37.
- 2.11 Flood zones will be established according to FEMA criteria.
- 2.12 GCW will update and extend the existing community base map. The updated map will include all pertinent physical features (street names, railroads, levees, airfields, etc.) as well as all cultural features (watercourses, flood control structures, etc.).
- 2.13 GCW will prepare reproducible (on drafting film) topographic base maps for use in preparing the work maps for this restudy. GCW will plot the 100-year floodplain and floodways on the work maps. The content of the work maps will include the following information:
- The elements as specified in 2.12.
  - Areas shown on the workmaps that are excluded from the study will be clearly delineated and labeled as outlined in FEMA Document No. 37.
  - The locations of all cross-sections listed in the Floodway Data Table. The sections will be identified with the same letters on both the Floodway Data Table and the flood profiles.
  - Base Flood Elevations (BFEs) will be depicted as outlined in FEMA Document No. 37.
  - All ERMs obtained during the course of the FIS will be shown in their exact locations. The tabulation of their descriptions will be included in the text of the FIS.

- All flood zones as established in 2.11.

These work maps will be reviewed in an ongoing process by the District during the course of the hydraulic analysis.

2.14 The final report for the floodplain mapping study will include, but is not limited to the following:

I. Introduction

a. Purpose of Study

Community Name:

County:

State:

b. Authority for Study

Study Contractor

Subcontractor (if applicable):

Contract Number:

Completion Date (month and year):

c. Coordination

List Consultation and Coordination Officers (CCO) meeting date:

List attendees and agencies at the initial CCO meeting:

Intermediate CCO meeting data (if applicable):

List contacts used to acquire information:

## II. Area Studied

### a. Scope of Study

Mention areas excluded from the study:

List all flooding sources studied in detail:

### b. Community Description

Describe the community's location within the County and State:

Describe the community (floodplain development, land use, etc.):

### c. Principal Flood Problems

Describe all flood protection structures and floodplain management measures used to mitigate potential flood damage:

Indicate if the levees adhere to FEMA's 3-foot freeboard requirement:

## III. Engineering Methods

### a. Hydrologic Analysis

The hydrologic data will be provided to the study contractor:

### b. Hydraulic Analysis

Discuss the determination of the cross-section locations:

Describe the hydraulic structures:

List and explain how the roughness "n" values were assigned for all streams studied in detail:

State how the starting water surface elevations were determined for all streams studied in detail:

The HEC-2 Water Surface Profile computer program will be used to determine the water surface elevations:

- 2.15 GCW will review the FIS for quality assurance per Chapter 10 of Document 37 before being submitted.

### Task 3 - Coordination

- 3.1 GCW will coordinate and participate in regular progress meetings with the District and the impacted communities at least monthly and at milestones in the development of the study. GCW anticipates attending three (3) separate town board meetings on two occasions in addition to the monthly progress meetings with the District.
- 3.2 GCW will submit maps, reports and technical data to all applicable government agency reviewers through the District.
- 3.3 GCW will coordinate with FEMA and FEMAs Technical Evaluation Contractor (TEC) throughout the restudy effort in order to proceed in the most time efficient manner.
- 3.4 GCW will be responsible for responding to and interacting with FEMAs TEC throughout the review and community appeals process as outlined in FEMA Document No. 37.

### Task 4 - Final Products

One copy of all reports and maps will be submitted to each of the impacted study area entities through the District.

#### 4.1 Technical Support Data Notebook (TSDN)

##### a. Data Organization

The TSDN is composed of five major sections:

1. **General Documentation** - Includes written documentation pertaining to the general processing of the FIS (Special Problem Reports, Meeting Minutes, and General Correspondence).
2. **Engineering Analyses** - Information in this category is subdivided into 3 categories: Hydrologic Analyses, Hydraulic Analyses and, Key to Cross-Section Labeling.
  - 2a. **Hydrologic Analysis** - All hydrologic information (HEC-1, etc.) developed for the FIS, which will be provided to GCW will be stored in this category.
  - 2b. **Hydraulic Analyses** - All supporting data and calculations used in the FIS will be stored in this category. This includes the HEC-2 input and output computer models. GCW will prepare the "Hydraulic Analyses Index" sheet. This allows the data user to identify the hydraulic information generated in this FIS.
  - 2c. **Key to Cross-Section Labeling** - For each watercourse where a hydraulic analysis will be performed, GCW will complete and maintain the forms for this category.
3. **FIS Report Data (Draft FIS Report Text)** - In this category is all the most updated pertinent FIS elements that will be submitted to FEMA.

This includes the FIS report data, flood profiles, tables (floodway, discharges), and any other relevant information.

4. Mapping Information - All mapping data accumulated during the preparation of the FIS will be stored in this category. Documentation of the quality control surveys to verify the topographic accuracy will be included in this section. In addition, a "Mapping Information Index" sheet will be prepared for this section.
5. Miscellaneous Reference Material - This section will contain technical support data that are not included in the previously mentioned categories. Examples are supportive reports (floodplain, flood hazard, watershed), field reconnaissance photographs, etc. A "Miscellaneous Reference Materials Index" sheet will be prepared for this category.

b. Data Identification

1. All written information will be clearly marked as outlined in FEMA Document No. 37.
2. All computer models will be submitted on paper, as well as on 3½ inch floppy diskettes, according to the specifications presented in FEMA Document No. 37.
3. All FIS Report Data, as well as mapping information, and miscellaneous reference material, will be identified as outlined in FEMA Document No. 37.

c. GCW will submit six copies of the TSDN to the District for review.

#### 4.2 FIS Report

- a. GCW will produce a final report incorporating all previous comments from the District, FEMA, and other reviewers. Six hard copies of the final report and appendices will be delivered to the District.
- b. Report text in Wordperfect 5.1 format on a 3½ inch, 1.44 Mb, diskette compatible with IBM personal computers.

4.3 Digital contour and planimetric data developed under this task shall be delivered to the District in ARC/INFO format on 3½ inch, 1.44 Mb, high density diskette or on TK50 magnetic tape.

4.4 GCW will provide the District permanent non-erasable topographic mylar sheets 24" X 36" at the scale and contour interval specified in Task 5.2.1. A cover sheet will be provided with the project title, date of topography and sheet index. Each sheet of topography will include at a minimum a north arrow, scale, photo date, section and quarter corners identified for use as ERMs, street names, major drainage features, cross-section lines, channel centerline station, 100-year flood limits, description and elevation of control points and ERMs, and reference marks used in ground control.

4.5 GCW will submit full documentation of the verification effort substantiating compliance with topographic accuracy required by FEMA Document No. 37.

EXHIBIT B  
MUDDY RIVER FLOOD  
INSURANCE STUDY  
1 OF 2

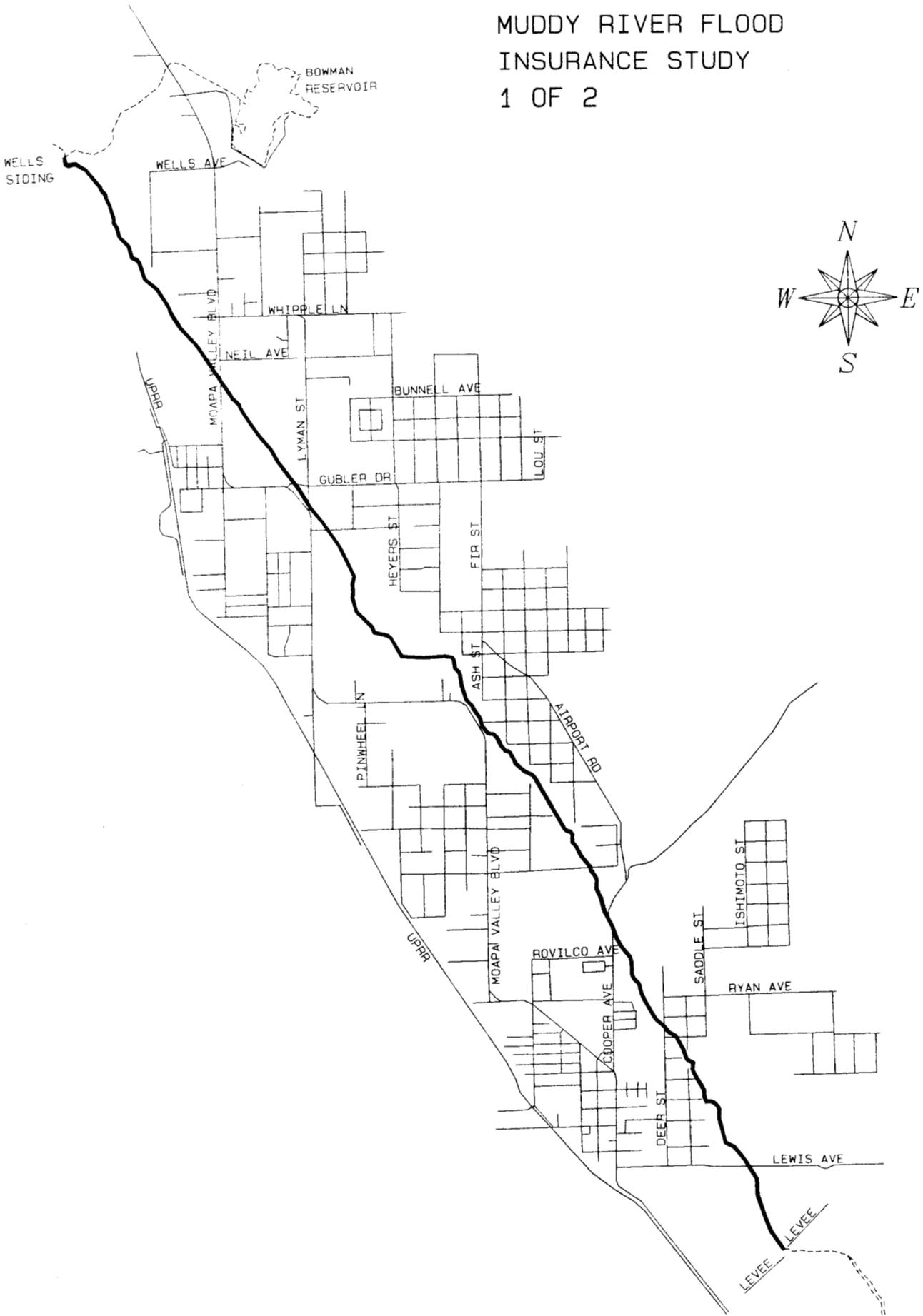
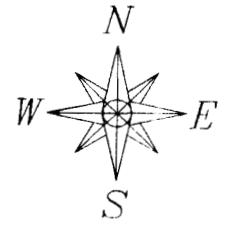
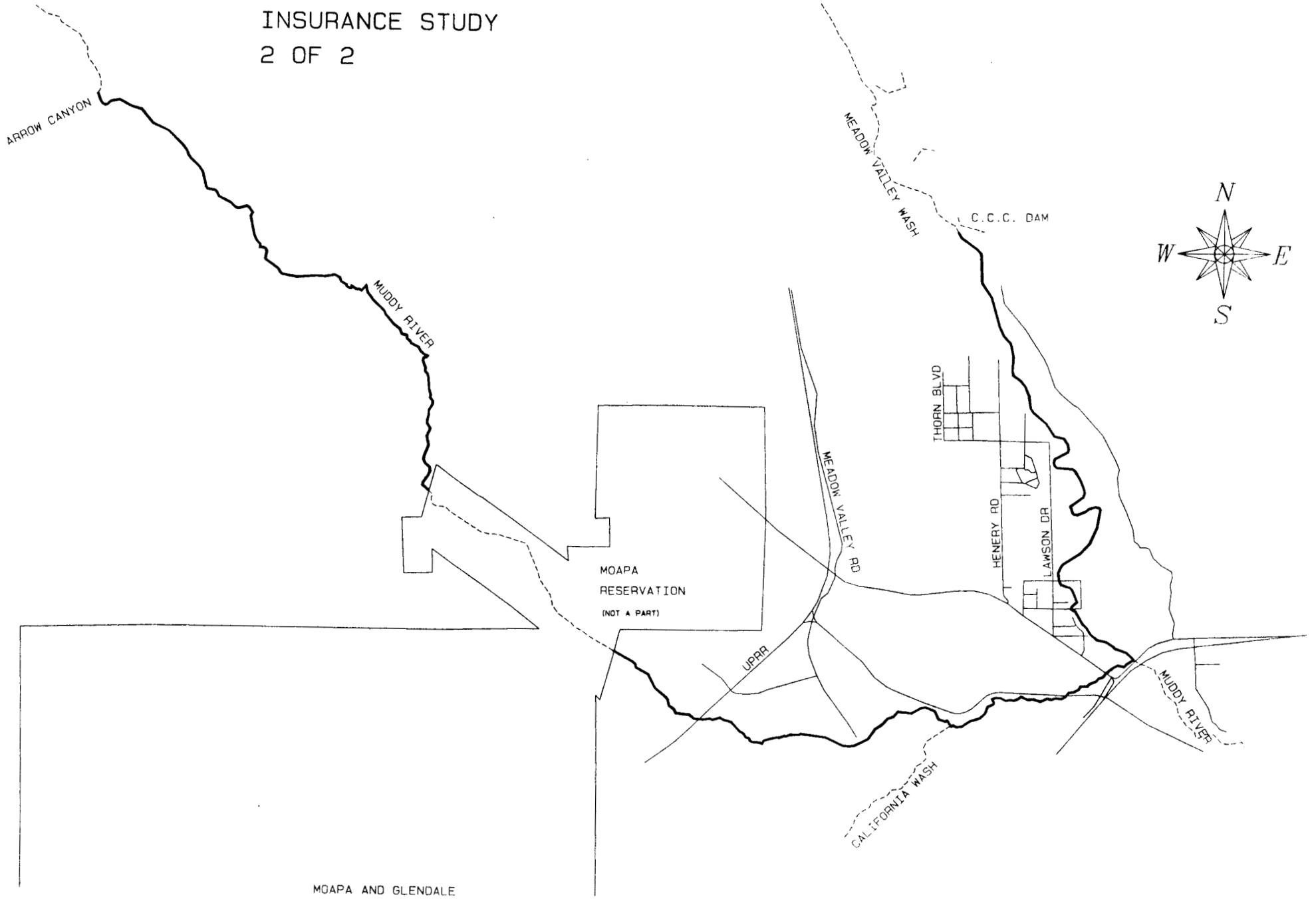


EXHIBIT B  
MUDDY RIVER FLOOD  
INSURANCE STUDY  
2 OF 2



# MUDDY RIVER FLOOD INSURANCE STUDY RESTUDY

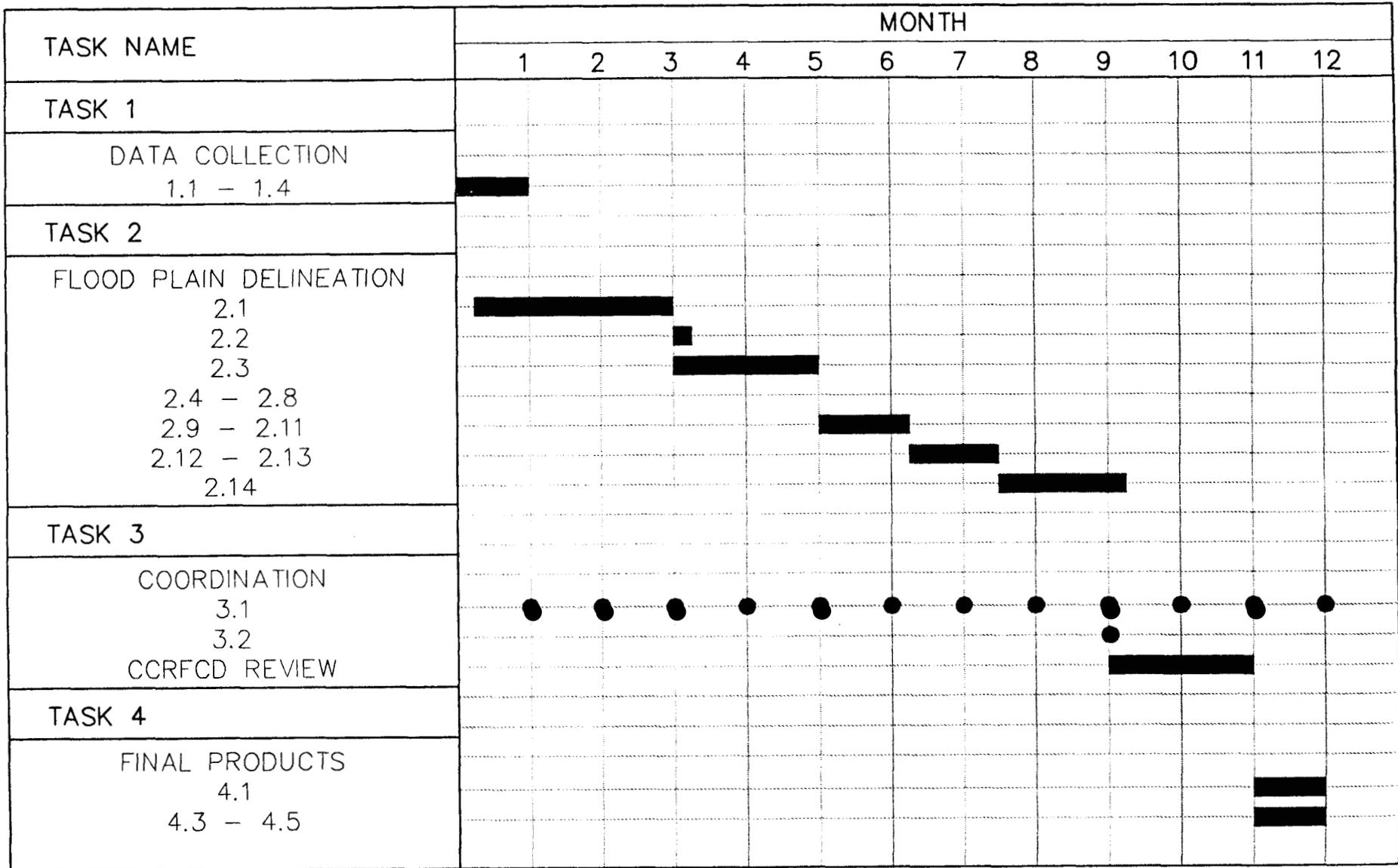


EXHIBIT C

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# G.C. WALLACE, INC.

EXHIBIT D

Effective January 1, 1994 through  
December 31, 1994

## HOURLY RATE SCHEDULE

	<u>Rate per Hour</u>
Principal/Associate	\$ 115.00
Supervising Engineer/Architect/Land Planner	\$ 100.00
Supervising Land Surveyor	\$ 100.00
Senior Engineering/Architectural/Land Planning Manager	\$ 87.00
Engineer/Architect/Land Surveyor	\$ 75.00
Supervising Designer	\$ 75.00
Senior Designer	\$ 70.00
Designer/Land Planner	\$ 67.00
Construction Specification Manager	\$ 75.00
Specification Technician	\$ 44.00
Estimator/Scheduler	\$ 70.00
Electrical Inspector	\$ 72.00
Inspector	\$ 58.00
Utility Coordination Manager	\$ 70.00
Utility Coordinator	\$ 36.00
Drafter 3	\$ 58.00
Drafter 2	\$ 47.00
Drafter 1	\$ 37.00
Project Coordinator	\$ 50.00
Aide 2/Processor	\$ 44.00
Aide 1	\$ 28.00
Secretary/Word Processor	\$ 33.00
Survey: Party Chief	\$ 65.00
Instrument Operator	\$ 50.00
Chainman	\$ 31.00

The individual hourly rates include salary costs, overhead, administration, and profit. Survey party rates also include survey equipment amortization, stakes, flagging, supplies and vehicle mileage. Expert witness services shall be invoiced at 1.5 times the hourly rate per employee category.

# G.C. WALLACE, INC.

## EXHIBIT E

MUDDY RIVER FLOOD INSURANCE STUDY RESTUDY ENGINEERING ESTIMATE							DATE	16-Jun-94
TASK	ITEM	ASSOC \$115	SUPR. \$100	ENGR. \$75	DES/DR \$67	CREW \$150	COST	OUTSIDE SERVICES
Task 1 - Data Collection								
1.1	Collect and Review Existing Data	2		40	8		\$3,766	
1.2	Prepare Summary of Existing Data	4		24	12		\$3,064	
1.3	Prepare Project Schedule	4	4	8	8		\$1,996	
1.4	Field Reconnaissance	8		8			\$1,520	
	SUBTOTAL	18	4	80	28	0	\$10,346.00	0
Task 2 - Floodplain Delineation								
2.1	Review Existing Hydrology	2		24			\$2,030	
2.2	Surveys	16	40	16	40	220	\$42,720	\$23,100
2.3	Tabulate ERM's	2		16	24		\$3,038	
2.4-2.8	Prepare HEC 2 Models	28		280	160		\$34,940	
2.9-2.11	Determine Flood Zone Boundaries	16		160	80		\$19,200	
2.12-2.13	Prepare Work Maps	12		140	160		\$22,600	
2.14	Prepare Draft FIS Report	32		150	200		\$28,330	
		108	40	786	664	220	\$152,858	\$23,100
Task 3 - Coordination								
3.1	Progress Meetings	80		80			\$15,200	
3.2	Data Submittal to Local Entities	4		24	24		\$3,868	\$1,000
3.3-3.4	Coordination with FEMA	16		80	40		\$10,520	
		100	0	184	64	0	\$29,588	\$1,000
Task 4 - Final Products								
4.1-4.2	TSDN & FIS Reports	2		8	24		\$2,438	\$1,000
4.3-4.5	Mapping (Digital & Hardcopy)	8		8	24		\$3,128	\$1,000
		10	0	16	48	0	\$5,566	\$2,000
		236	44	1066	804	220	\$198,358	\$26,100

File: FIS1.WQ1

GRAND TOTAL

\$224,458

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

**GEOGRAPHIC INFORMATION SYSTEM SERVICES**

**RECOMMENDATION SUMMARY**

**STAFF:** Approve and authorize the Chairman to sign.

**TECHNICAL ADVISORY:** Approve.

**CITIZENS ADVISORY:** Approve.

**RFCD AGENDA  
ITEM # 06  
Date: 07/14/94**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

GEOGRAPHIC INFORMATION SYSTEM - ANNUAL AGREEMENT

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE AGREEMENT

**FISCAL IMPACT:**

\$35,000

**BACKGROUND:**

Clark County, in cooperation with the incorporated cities and other agencies in the Las Vegas Valley, is developing and implementing a regional Geographic Information System (GIS) with the capabilities of automatic graphic display and analysis of various records, resources and facilities. This agreement provides the District with access to the GIS database files developed and maintained by other participants and provides network service support for the next year (FY 1994/95). The agreement also makes the GIS database created by the District available to other participants.

Respectfully submitted,



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

<b>TAC AGENDA</b> <b>ITEM #</b> <b>Date:</b>	<b>RFCD AGENDA</b> <b>ITEM # 6</b> <b>Date: 07/14/94</b>
--	--

GEOGRAPHIC INFORMATION  
COOPERATIVE AGREEMENT

THIS AGREEMENT is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 1994, by and between the County of Clark, State of Nevada, herein referred to as "County"; and the Regional Flood Control District, hereinafter referred to as "Regional Flood Control"; which are political subdivisions of the State of Nevada.

WITNESSETH:

WHEREAS, each of the parties hereto is in the process of implementing a Geographic Information System, hereinafter referred to as "GIS", with the capability for automated graphic display and analysis (after pertinent digitized data is converted and input into the system) to provide multiple map layers and information (e.g. land records, resource and facilities); and

WHEREAS, both parties have incurred considerable costs associated with the development and implementation of a GIS and desire to enter into a cooperative effort to fund the creation of selected GIS resources and data sets which are defined under the terms hereof; and

WHEREAS, the parties further desire to share selected GIS resources and data sets which are defined under the terms hereof; and

WHEREAS, the County has incurred significant costs associated with the creation of products to improve geodetic control and positional accuracy that can be utilized by both parties to develop GIS resources and to facilitate the sharing of data and the integration of GIS applications; and

WHEREAS, staff members of the parties have met periodically, together with staff representatives of other political subdivisions located within Clark County, all who share common interests in the development of their respective Geographic Information Systems; and

WHEREAS; the above mentioned meetings have resulted in conceptual agreement on certain areas of common concern, including GIS data and cost sharing, which are reflected in a report dated May 25, 1990; and

WHEREAS; the parties are exploring markets and marketing techniques for GIS data in order to lower costs for governmental agencies and political subdivisions that initially participate so that said participants will enjoy more favorable terms over the lifetime of the agreement;

NOW, WHEREFORE, in consideration of the mutual covenants and agreements herein contained, the parties agree as follows:

1. Regional Flood Control shall pay to the County the sum of Thirty-five Thousand and no/100's dollars (\$35,000.00) within thirty (30) calendar days after receipt of an invoice from the County and any future sums are to be determined at an annual review of the Agreement. This sum reflects the participation level developed by the Finance Subcommittee and assigned to Regional Flood Control in the May 25, 1990 report. In return for the payment referenced above, the County shall within thirty (30) calendar days:

a. Permit Regional Flood Control to copy or otherwise reproduce any or all orthophotos acquired by the County;

b. Furnish at no additional cost to Regional Flood Control a complete copy of the street centerline file produced by the County in Arc/Info format on nine-track magnetic tape;

c. Provide all control point data and documentation, including first and second order perimeter points, utilized in the preparation of the orthophotos; and all survey control data developed by the County Department of Public Works.

2. The County shall provide Regional Flood Control within three (3) weeks of approval of the Agreement by both governing boards and throughout the initial term hereof and upon any renewal of the Agreement after the initial term if this Agreement is renewed, in ASCII Arc/Info EXPORT format on nine-track magnetic tape, or on-line access should communication links exist or be installed during the agreement period:

- a. Access to all spatial and tabular land parcel data that has been converted into Arc/Info format by or for the Clark County Assessor's Office;
- b. Access to an edited DIME file in ASCII or EBCDIC format on nine-track tape, including versions that are regularly updated and rectified to the street centerline file;
- c. Access to updates of all land parcel, street centerline, and control point file data maintained by County agencies and departments in Arc/Info format on the County GIS.
- d. Network service support to all participants to facilitate easier data exchange.
- e. Approved future products and services provided by the County Geographic Information System Management Office (GISMO).
- f. Throughout the agreement period, the County GISMO shall provide Regional Flood Control with staff assistance in the design and implementation of a user based GIS program specifically suited to Regional Flood Control's application requirements. The County GISMO shall provide informal training for Regional Flood Control staff as a function of the design and implementation activities. Regional Flood Control understands this assistance is limited by GISMO resources.

3. Regional Flood Control shall provide the County throughout the initial term hereof and upon renewal of the Agreement after the initial term if this Agreement is renewed, in ASCII Arc/Info EXPORT format on nine-track magnetic tape, or on-line access should communication links exist or be installed during the agreement period:

- a. Access to all authorized layers of Regional Flood Control's GIS data base for Regional Flood Control's functional areas as created in a timely fashion in Arc/Info format on nine-track magnetic tape. Regional Flood Control hereby authorizes the County access to the following spatial and tabular data files and coverages:

- 1) Drainage Network and Boundaries
- 2) Master Plan and Existing Facilities
- 3) Flood Insurance Rate Map (FIRM)

- 4) Hydrologic Soil Group
- 5) Storm Water Discharge Points
- 6) Assessor's Parcel Relate Table

b. Access to all updates of the aforementioned spatial and tabular data maintained by Regional Flood Control's departments on Regional Flood Control's GIS in Arc/Info format.

4. Regional Flood Control and County agree to notify the other party of any proposed changes to the data base design or data structure for any layers of its GIS data base.

5. It is understood that the County and Regional Flood Control agree to the following:

a. All costs and responsibility for hardware, software, computer communications equipment and supplies, data conversion, and extraordinary support services not expressly identified herein are the responsibility of the respective parties to this agreement;

b. Access to data is herein defined as the right to copies of data in digital Arc/Info format at no cost to either party by exchange of data on nine-track magnetic tape, by modem, or by communications network.

c. The rights and benefits of this agreement include the right of both parties to this agreement to utilize the aforementioned data as permitted by law;

d. Electronic data exchanged under the terms of this agreement cannot be sold or disseminated by the recipient party with the exception of the party's contractors in which case the data can only be used for contracted work. This limitation must be included in the contractors' contract. Regional Flood Control hereby specifically proscribes the dissemination, with or without cost, of the following spatial and tabular files and coverages, whether digital or non-digital, to any non-governmental organization: None.

e. The Parties may disseminate information to the public as prescribed by legislative acts and with the written approval of the source agency. This dissemination shall be paper, mylar, or other non-digital products.

f. No warranties or guarantees are expressed or implied as to the accuracy of the aforementioned data by any County or Regional Flood Control departments or agencies;

g. The rights and benefits of this agreement may not be assigned without the written consent of both parties hereto.

h. This agreement shall remain in force from the date of this Agreement until June 30, 1995, with the option to review at least annually and renew annually on or before the expiration date of this Agreement. Regional Flood Control may terminate this agreement with thirty (30) days prior written notice. Regional Flood Control's contribution shall not be refunded in the event of the agreement termination.

i. Should any dispute arise between any participants concerning the terms of this Agreement, data standards, data content, or data format the following procedure shall be used before any judicial remedy is sought:

1) The parties will attempt to resolve the problem(s) through discussions and negotiations under the auspices of the County Geographic Information Systems Management Office;

2) In the event that agreement cannot be reached, the issue(s) will be presented for resolution to a committee composed of one staff member familiar with GIS matters from each of the following: Regional Transportation Commission, Regional Flood Control District, Clark County Sanitation District, Las Vegas Valley Water District, Clark County School District, City of Las Vegas, City of North Las Vegas, City of Henderson, City of Boulder City, Las Vegas Metropolitan Police Department, Clark County, Clark County Building Department, McCarran International Airport, and any future participants. A majority of a quorum of the above described committee may act to resolve any such issues. A quorum shall be no less than half plus one of the total number of current committee members.

j. It is not the intent of either party to violate any laws of the State of Nevada or of the United States. The parties agree that in the event any provision of the Agreement is held by a court

of competent jurisdiction to be in contravention of any such laws, the parties will enter into immediate negotiations thereon to rectify the clause or clauses in contravention. The remainder of the Agreement shall remain in full force and effect.

k. In the event that a private enterprise or organization enters into a contract with the County to participate in GIS development or to obtain access to GIS data through a subscription agreement, any funds received will be used to offset the next contribution of the initial governmental participants. Regional Flood Control will have the option to waive this contribution offset.

l. This agreement constitutes the entire agreement and understanding of the parties hereto and supersedes all other oral and written negotiations, agreements and understandings of every kind. The parties understand, agree and declare that no promise, warranty, statement or representation of any kind whatsoever, which is not expressly stated in this agreement, has been made by any party hereto or its officers, employees, or other agents to induce execution of this Agreement.

m. In the event the County wishes to enter into an agreement with an organization other than the Regional Transportation Commission, Regional Flood Control District, Clark County Sanitation District, Las Vegas Valley Water District, Clark County School District, City of Las Vegas, City of North Las Vegas, City of Henderson, City of Boulder City, or Las Vegas Metropolitan Police Department to participate in geographic information database development or data dissemination, the County will present that agreement to the GIS Policy Committee for review.

Invoices, payments and notices shall be delivered to the parties by personal service, hand delivery, or United States mail at the following addresses:

TO COUNTY:            Clark County Treasurer  
                                 Treasurer's Office  
                                 225 Bridger Avenue  
                                 Las Vegas, NV 89155

...

TO REGIONAL FLOOD CONTROL:

Regional Flood Control District  
301 E. Clark Avenue, Suite 301  
Las Vegas, NV 89101

IN WITNESS WHEREOF, the parties hereto have set their hands the day and year first above written.

CLARK COUNTY  
Board of Commissioners

By: \_\_\_\_\_  
Jay Bingham, Chairman

ATTEST:

\_\_\_\_\_  
Loretta Bowman, County Clerk

Date of Commission Action:

\_\_\_\_\_

ATTEST:

CLARK COUNTY REGIONAL FLOOD  
CONTROL DISTRICT

By: \_\_\_\_\_  
Deanna Lefko, Board Secretary

By: \_\_\_\_\_  
Iris Bletsch, Chairman

Date of Board Action:

\_\_\_\_\_

Approved as to Legality:

Approved as to Form:

\_\_\_\_\_  
Paul Johnson  
Deputy District Attorney

\_\_\_\_\_  
Christopher Figgins  
Deputy District Attorney

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

**PROJECT CLOSE OUT - FUND 286  
UPPER LAS VEGAS WASH DETENTION BASIN (NLV.05.A.89)**

**RECOMMENDATION SUMMARY**

**STAFF:** Approve.

**TECHNICAL ADVISORY:** Approve.

**CITIZENS ADVISORY:** Approve.

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

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUT

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

THAT THE BOARD ACCEPT THE FINAL ACCOUNTING REPORT AND CLOSE OUT THE INTERLOCAL CONTRACT

**FISCAL IMPACT:**

\$ 54,857.64 - Return to Fund 286

**BACKGROUND:**

A Final Accounting Report has been prepared for the Upper Las Vegas Wash Detention Basin District funded project which has been completed. The attached report represents an accurate accounting of the charges and the remaining balances. Upon approval, no additional funds can be expended for the project.

The final accounting report has been prepared and approved by the corresponding entity for the following project:

<u>PROJECT</u>	<u>ENTITY</u>	<u>BALANCE</u>
Upper Las Vegas Wash Detention Basin (NLV.05.A.89)	North Las Vegas	\$ 54,857.64

Respectfully submitted,

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

TAC AGENDA ITEM # 7 Date: 06/30/94	RFCD AGENDA ITEM # 7 Date: 7/14/94
--	--

Clark County Regional Flood Control District  
Final Accounting Report

05/26/94

Project Number: NLV05A89 Project Fund: 443

Project Name: Upper LV Wash Detention Basin

Interlocal Value: \$1,650,000.00

Interlocal Funding Allocation (\$)

Right of Way	Predesign	Design	Construction	Construction Engineering	Other
1,000,000	0	650,000	0	0	0

Amount Spent by Category (\$)

Design	631,894.71
ROW	963,247.65
	<u>1,595,142.36</u> <i>o/c</i>

Summary

Interlocal Agreement:	\$1,650,000.00
Minus Amount Spent:	1,595,142.36
Amount to be Returned for Future Use:	<u>\$54,857.64</u>



Concur:

Accepted and Approved:

Barbara Michel  
Accounting/Engineering

James A. Bell 6/1/94  
JAMES A. BELL, P.E.  
Public Works Director Date  
Public Works Deputy Director

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

**PROJECT STATUS REPORTS**

**RECOMMENDATION SUMMARY**

**STAFF:** Accept the reports.

**TECHNICAL ADVISORY:** Accept the reports.

**CITIZENS ADVISORY:** Accept the reports.

**RFCD AGENDA  
ITEM # 08  
Date: 07/14/94**

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

PROJECT STATUS REPORTS

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

THAT THE BOARD ACCEPT THE REPORTS

**FISCAL IMPACT:**

None.

**BACKGROUND:**

The following Project Status Reports for the month of May 1994 are submitted for your review:

**CURRENT PROJECTS (PROJECT LIST AND BOND PROJECTS)**

Pages

1 - 3 Project Charts  
4 - 6 Project Summary Sheets  
7 - 23 Clark County  
24 - 34 City of Las Vegas  
35 - 40 Henderson  
41 - 43 City of North Las Vegas

**OTHER PROJECTS OF INTEREST**

Pages

44 - 50 Regional Flood Control District

Respectfully submitted,



Cathy Razor  
Project Administration Coordinator

<b>TAC AGENDA ITEM # Date:</b>	<b>RFCD AGENDA ITEM # 8 Date: 07/14/94</b>
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**PROJECT STATUS CHART**

**CLARK COUNTY**

AS OF 6/30/94

E RANGE WASH DB - Phase I

E RANGE WASH DB - Phase II

WINNICK AVE IMPROV

SLOAN CHANNEL

VAN BUSKIRK SYSTEM

Phase II

Phase VI-A

Phase VI-B

**CLARK COUNTY - OUTLYING**

BUNKERVILLE CHANNEL

GOODSPRINGS

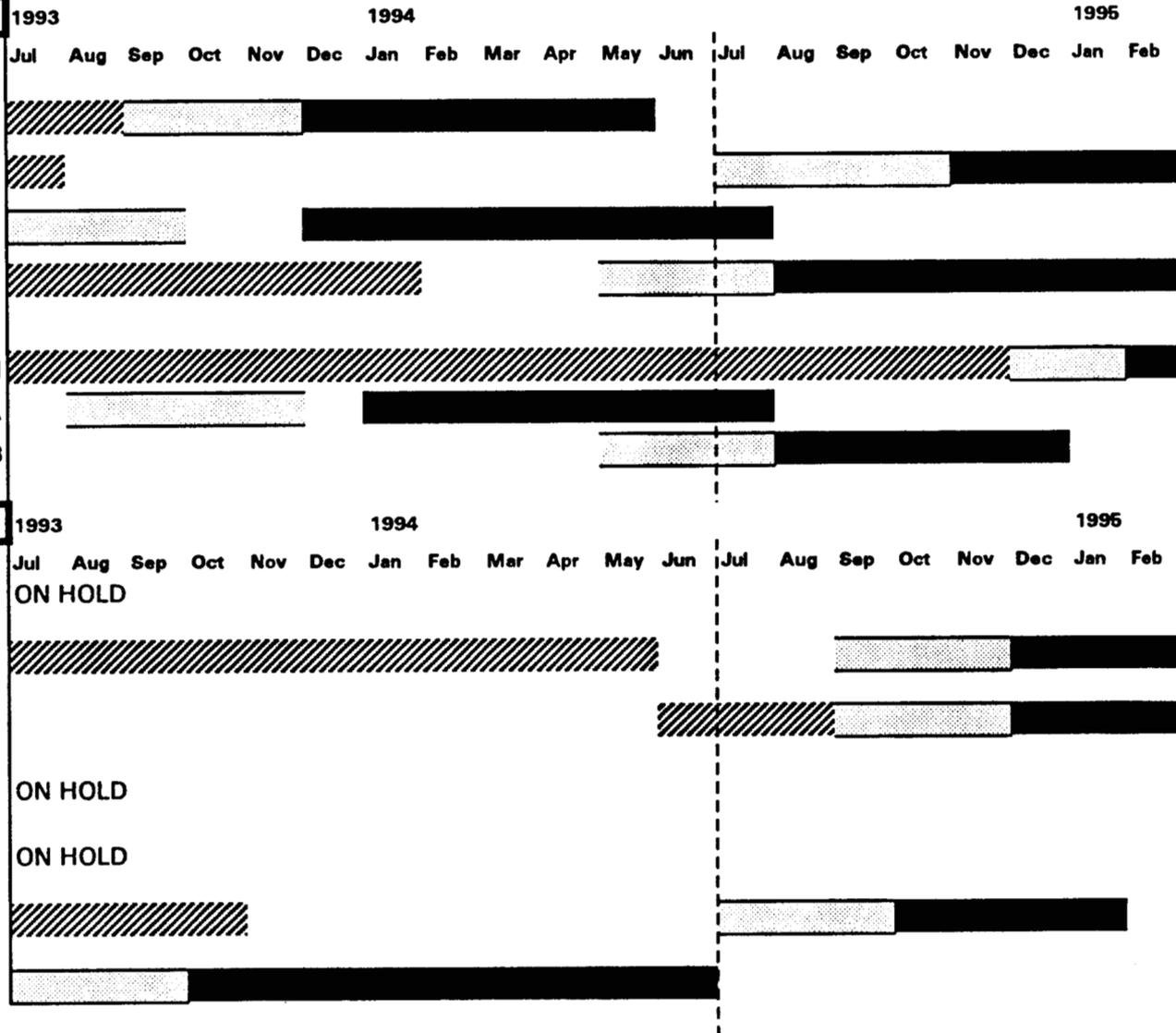
HIKO SPRINGS

MUDDY RIVER WEST LEVEE

NELSON FLOOD CONTROL

SEARCHLIGHT FLOOD CONTROL

UNNAMED WASH



DESIGN

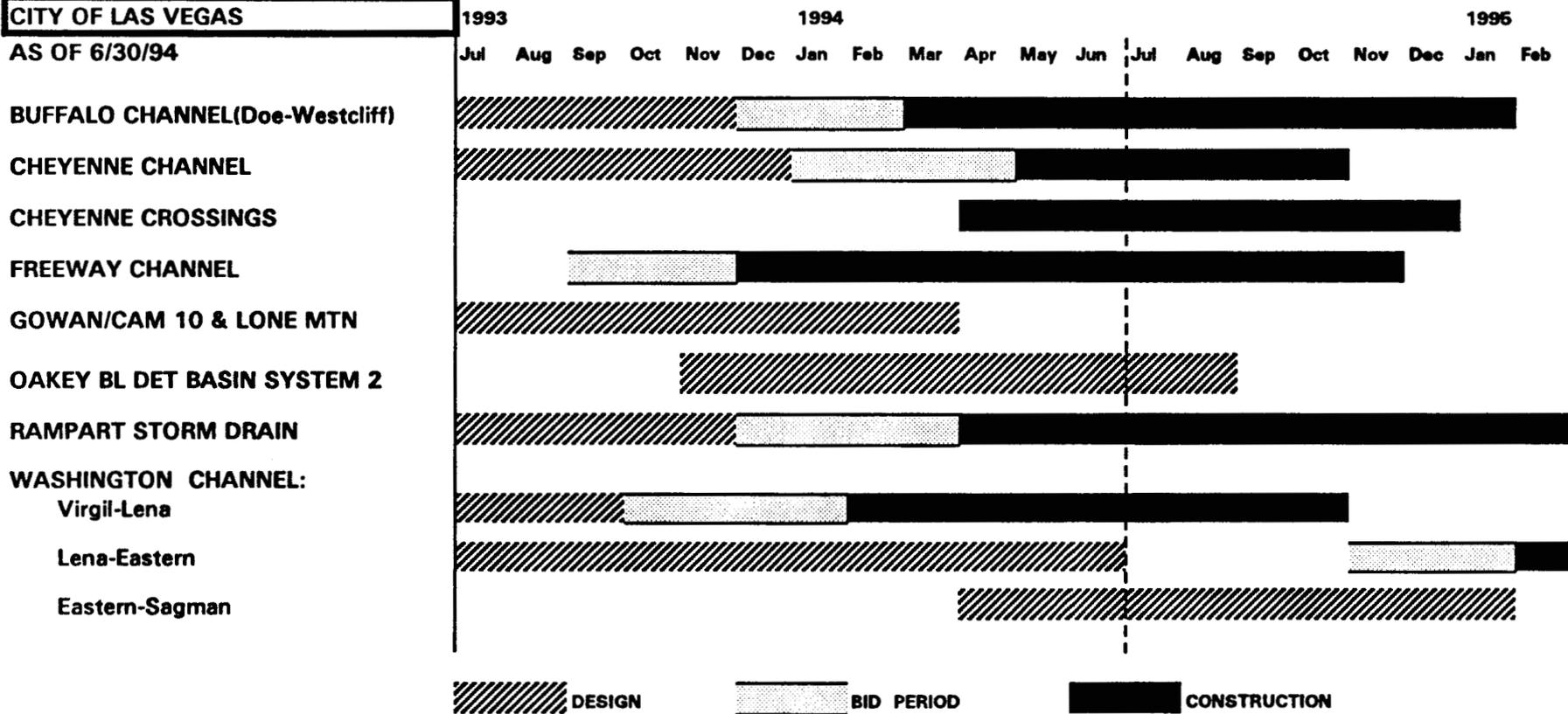
BID PERIOD

CONSTRUCTION

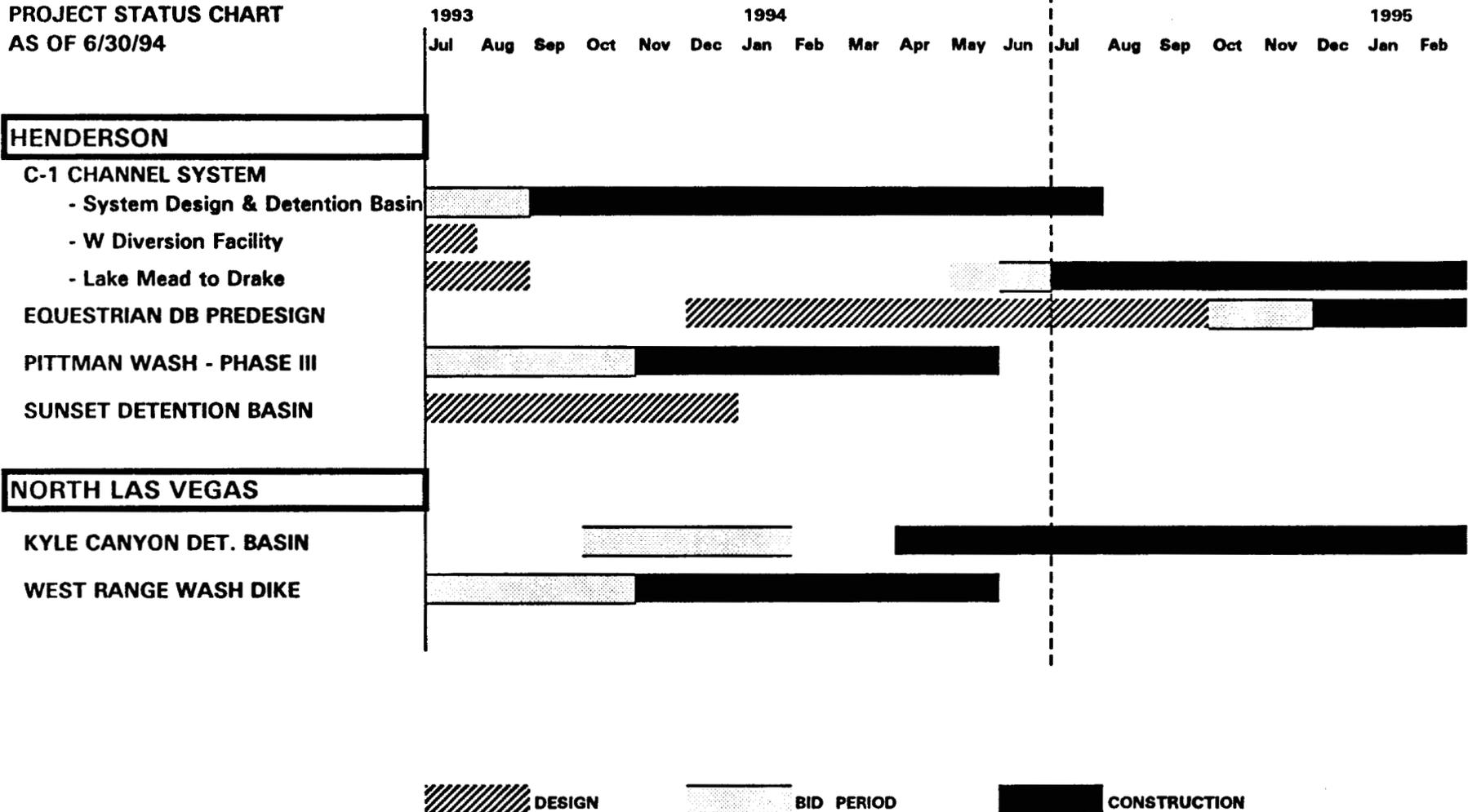
**PROJECT STATUS CHART**

**CITY OF LAS VEGAS**

AS OF 6/30/94



**PROJECT STATUS CHART  
AS OF 6/30/94**



REGIONAL FLOOD CONTROL DISTRICT SUMMARY SHEET AS OF 6/30/94	FUNDING APPROVED	DESIGN START DATE	DESIGN COMPLETE DATE	CONSTR START DATE	CONSTR COMPL DATE	SCHEDULE CHANGE FROM PREVIOUS MONTH
PROJECT						
<b>CLARK COUNTY</b>						
East Range Wash Detention Basin-Phase I	\$3,630,000	DONE	DONE 9/93	DONE 12/93	DONE 05/94 d+1	
East Range Wash Detention Basin-Phase II		DONE	DONE 7/93	11/94 d+3	03/95 d+2	delay for property acquisition
Flamingo Wash (Winnick Ave /Tropicana Wash-Decatur Bl)	\$3,000,000	DONE	DONE 3/93	NOW 11/93	07/94 d+1	
Lower Duck Creek Detention Basin Right-of-Way	\$4,900,000					
Sloan Channel	\$400,000	DONE	DONE 1/94	08/94 d+1	02/95 d+1	
Van Buskirk System Improvements	\$13,941,000					
Phase II		NOW	12/94	02/95	07/95	
Phase VI-A		DONE	DONE 6/93	NOW 1/94	08/94 d+4	
Phase VI-B		DONE	DONE 6/93	08/94 d+2	12/94 d+2	
<b>CLARK COUNTY OUTLYING</b>						
Bunkerville Channel	\$541,000	DONE	DONE 10/92	ON HOLD		project on hold pending re-evaluation of outfall alignment as requested by Town Advisory Board (proposed change in scope would amend master plan from a channel to a storm drain system & detention basin)
Goodsprings Flood Control Improvements	\$99,000	DONE	DONE 06/94 d+1	12/94	03/95	
Hiko Springs Channel-Laughlin	\$370,000	NOW	08/94 d+2	12/94	06/95	
Muddy River West Levee - Moapa	\$200,000	NOW	ON HOLD			project delayed until engineering services resolved
Nelson Flood Control Improvements	\$70,000		ON HOLD			County continues consideration of Master Plan acquisition proposal
Searchlight Flood Control Improvements	\$861,100	DONE	DONE 10/93	10/94 d+4	01/95 d+4	delay to resolve channel alignment with property owners
Unnamed Wash Improvements - Laughlin	\$4,450,000	DONE	DONE 6/91	DONE 10/93	DONE 6/94	
Shading indicates all or partial Bond funding						d+ indicates cumulative delay in months since 3/31/94

REGIONAL FLOOD CONTROL DISTRICT SUMMARY SHEET AS OF 6/30/94	FUNDING APPROVED	DESIGN START DATE	DESIGN COMPLETE DATE	CONSTR START DATE	CONSTR COMPL DATE	SCHEDULE CHANGE FROM PREVIOUS MONTH
PROJECT						
<b>LAS VEGAS</b>						
Buffalo Channel(Doe to Westcliff)	\$2,138,000	DONE	DONE 11/93	NOW 3/94	01/95	
Cheyenne Channel / Buffalo - Gowan Detention Basin	\$1,557,538	DONE 04/93	DONE 12/93	NOW 05/94 d+1	10/94 d+2	
Cheyenne Crossings Developer Participation	\$709,000			NOW 04/94	12/94	This is a developer participation agreement.
Freeway Channel /Sahara to Ivanhoe	\$710,000			NOW 11/93	11/94	
Gowan /CAM-10 & Lone Mtn DB's Predesign	\$200,000	DONE 06/93	DONE 03/94			
Oakey Blvd. Detention Basin System - Phase 2		NOW	08/94			
Rampart Storm Drain	\$265,000	DONE	DONE 11/93	NOW 04/94	04/95	
Washington Av / Virgil-Lena	\$3,350,000	DONE	DONE 9/93	NOW 02/94	10/94	
Washington Ave. Design / Lena-Eastern Phase	\$497,000	NOW	06/94	2/95 d+3	3/96 d+3	construction schedule delayed pending funding availability
Washington Ave. Channel / Eastern-Sagman	included above	NOW	01/95			
Washington Ave. Channel ROW / Sagman - Las Vegas Creek	\$270,000		12/95 ROW			
Shading indicates all or partial Bond funding						d + indicates cumulative delay in months since 3/31/94

REGIONAL FLOOD CONTROL DISTRICT SUMMARY SHEET AS OF 6/30/94	FUNDING APPROVED	DESIGN START DATE	DESIGN COMPLETE DATE	CONSTR START DATE	CONSTR COMPL DATE	SCHEDULE CHANGE FROM PREVIOUS MONTH
PROJECT						
<b>HENDERSON</b>						
C-1 Channel System /Mission Hills Detention Basin	\$8,200,000	DONE	DONE 6/93	NOW 9/93	07/94 d + 1	contractor filed bankruptcy and bonding company assumed responsibility
C-1 Channel System / W Diversion Facility		DONE	DONE 7/93			right-of-way acquisition in process
C-1 Channel / Lake Mead - Drake	\$200,000	DONE	DONE 8/93	07/94	03/95	
Equestrian Drive Detention Basin	\$478,000	NOW 12/93	09/94 d + 5	12/94 d + 4	08/95 d + 6	
Pittman Wash Channel-Phase III Construction	\$910,000	DONE	DONE 7/92	DONE 11/93	DONE 05/94	
<b>NORTH LAS VEGAS</b>						
Kyle Canyon Detention Basin Design	\$14,956,000	DONE	DONE 4/93	NOW 04/94	02/95	
West Range Wash Diversion Dike	\$2,780,000	DONE	DONE 5/92	DONE 11/93	DONE 05/94	
Shading indicates all or partial Bond funding						d + indicates cumulative delay in months since 3/31/94















**REGIONAL FLOOD CONTROL DISTRICT**  
**PROJECT STATUS REPORT**

**ENTITY:** CLARK COUNTY PUBLIC WORKS    **DATE PREPARED:** 06/30/94

**REVIEW PERIOD FROM:** JUNE 1                      **TO:** JUNE 30

**PROJECT:** VAN BUSKIRK CHANNEL - SYSTEM IMPROVEMENTS (PHASE VI-B)

**DESCRIPTION:** FLOOD CONTROL FACILITIES - EASTERN/TOMPKINS TO MARYLAND/RENO & SPENCER - TROPICANA TO RENO AND DETENTION BASIN A

**PERCENT COMPLETE:**    8%    **ESTIMATED COST OF PROJECT:**    \$1,730,000.00

SCHEDULE FOR COMPLETION:  
(DATES)

DESIGN	<u>06/15/93</u>
R/W CLEARANCES	_____
ENVIR CLEARANCES	_____
BIDS OPEN	<u>05/19/94</u>
CONSTRUCTION START	<u>08/01/94</u>
CONSTRUCTION COMPLETE	<u>12/14/94</u>

**CONSULTANT/PROJECT MANAGER:**

**CONSTRUCTION PRIME CONTRACTOR:** MEADOW VALLEY

<u>DELAYS OR PROBLEMS AREAS:</u>
<u>WORK COMPLETED DURING CURRENT MONTH:</u> AWARDED CONTRACT ON <u>6/20/94</u> . 21
<u>WORK TO BE COMPLETED DURING NEXT MONTH:</u> BEGIN CONSTRUCTION.

**PROJECT MANAGER:** BRANDT

**PHONE #:** 455-7707

**REGIONAL FLOOD CONTROL DISTRICT**  
**PROJECT STATUS REPORT**

**ENTITY:** CLARK COUNTY PUBLIC WORKS    **DATE PREPARED:** 06/30/94  
**REVIEW PERIOD FROM:** JUNE 1                      **TO:** JUNE 30  
**PROJECT:** VAN BUSKIRK CHANNEL - ROW ACQUISITION  
**DESCRIPTION:** APPRAISE AND ACQUIRE ROW FOR DETENTION BASIN SITES.  
**PERCENT COMPLETE:** 70%    **ESTIMATED COST OF PROJECT:** \$3,100,000.00

SCHEDULE FOR COMPLETION:  
(DATES)

**DESIGN** \_\_\_\_\_  
**R/W CLEARANCES** \_\_\_\_\_ 02/26/93 \_\_\_\_\_  
**ENVIR CLEARANCES** \_\_\_\_\_  
**BIDS OPEN** \_\_\_\_\_  
**CONSTRUCTION START** \_\_\_\_\_  
**CONSTRUCTION COMPLETE** \_\_\_\_\_

**CONSULTANT/PROJECT MANAGER:**  
**CONSTRUCTION PRIME CONTRACTOR:**

<u>DELAYS OR PROBLEMS AREAS:</u>
<u>WORK COMPLETED DURING CURRENT MONTH:</u>
<u>WORK TO BE COMPLETED DURING NEXT MONTH:</u>

**PROJECT MANAGER:** LAND    **PHONE #:** 455-8300







**REGIONAL FLOOD CONTROL DISTRICT**  
**PROJECT STATUS REPORT**

**ENTITY:** CLARK COUNTY PUBLIC WORKS    **DATE PREPARED:** 06/30/94

**REVIEW PERIOD FROM:** JUNE 1                      **TO:** JUNE 30

**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:**    2%    **ESTIMATED COST OF PROJECT:**    \$2,439,118.00

SCHEDULE FOR COMPLETION:  
(DATES)

**DESIGN** \_\_\_\_\_  
**R/W CLEARANCES** \_\_\_\_\_  
**ENVIR CLEARANCES** \_\_\_\_\_  
**BIDS OPEN** \_\_\_\_\_  
**CONSTRUCTION START** \_\_\_\_\_  
**CONSTRUCTION COMPLETE** \_\_\_\_\_

**CONSULTANT/PROJECT MANAGER:**

**CONSTRUCTION PRIME CONTRACTOR:**

<u>DELAYS OR PROBLEMS AREAS:</u> POSSIBLE ENGINEERING SERVICES CONTRACT TERMINATION OR SUPPLEMENTAL IN DISCUSSION -- PROJECT DELAYED UNTIL RESOLVED ALONG WITH MASTER UPDATE FROM RFCD.
<u>WORK COMPLETED DURING CURRENT MONTH:</u> WAITING FOR OUTCOME OF MOAPA VALLEY MASTER FLOOD CONTROL UPDATE.
<u>WORK TO BE COMPLETED DURING NEXT MONTH:</u> WAITING FOR MASTER UPDATE UNTIL AUGUST.

**PROJECT MANAGER:**    WHITE

**PHONE #:**    455-8363

**REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT**

ENTITY: CLARK COUNTY PUBLIC WORKS      DATE PREPARED: 06/30/94

REVIEW PERIOD FROM: JUNE 1                      TO: JUNE 30

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:  
(DATES)

DESIGN \_\_\_\_\_  
R/W CLEARANCES \_\_\_\_\_  
ENVIR CLEARANCES \_\_\_\_\_  
BIDS OPEN \_\_\_\_\_  
CONSTRUCTION START \_\_\_\_\_  
CONSTRUCTION COMPLETE \_\_\_\_\_

CONSULTANT/PROJECT MANAGER: G C WALLACE

CONSTRUCTION PRIME CONTRACTOR:

<u>DELAYS OR PROBLEMS AREAS:</u> COST OF FACILITIES EXCEEDS BUDGETED AMOUNT. MASTER PLAN UPDATE PROPOSES ACQUIRING PROPERTY IN LIEU OF BUILDING FACILITIES.
<u>WORK COMPLETED DURING CURRENT MONTH:</u> MET WITH RFCD ON 04/07/94 TO DISCUSS PROJECT DELETION.
<u>WORK TO BE COMPLETED DURING NEXT MONTH:</u>

PROJECT MANAGER: CATANESE

PHONE #: 455-8309



**REGIONAL FLOOD CONTROL DISTRICT**  
**PROJECT STATUS REPORT**

**ENTITY:** CLARK COUNTY PUBLIC WORKS    **DATE PREPARED:** 06/30/94

**REVIEW PERIOD FROM:** JUNE 1                      **TO:** JUNE 30

**PROJECT:** LAUGHLIN - UNNAMED WASH

**DESCRIPTION:** DESIGN FACILITY TO CONTROL 100-YEAR STORM FLOWS, INCLUDING CHANNEL, SED. BASIN & BRIDGE.

**PERCENT COMPLETE:** 98%    **ESTIMATED COST OF PROJECT:**    \$8,000,000.00

SCHEDULE FOR COMPLETION:  
(DATES)

<b>DESIGN</b>	<u>06/15/91</u>
<b>R/W CLEARANCES</b>	<u>12/20/91</u>
<b>ENVIR CLEARANCES</b>	<u>12/01/91</u>
<b>BIDS OPEN</b>	<u>07/08/93</u>
<b>CONSTRUCTION START</b>	<u>10/18/93</u>
<b>CONSTRUCTION COMPLETE</b>	<u>06/07/94</u>

**CONSULTANT/PROJECT MANAGER:** CENTENNIAL

**CONSTRUCTION PRIME CONTRACTOR:** AMERICAN ASPHALT

<u>DELAYS OR PROBLEMS AREAS:</u>
<u>WORK COMPLETED DURING CURRENT MONTH:</u> WORKED ON PUNCH-LIST.
<u>WORK TO BE COMPLETED DURING NEXT MONTH:</u> CLOSE-OUT PROJECT.

**PROJECT MANAGER:** WONDRA/PAGE

**PHONE #:** 455-7748



REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 06/27/94

REVIEW PERIOD

FROM: 05/21/94

TO: 06/24/94

Project: Buffalo Drive; Sahara to Westcliff

Description: Construction of full improvements between Sahara  
and Westcliff.

Percent Complete: 20% construction

Estimated Cost of Project: \$11,523,500

	Schedule for Completion	Complete
Design	<u>11/29/93</u>	<u>x</u>
R/W Clearances	<u>12/30/93</u>	—
Envir Clearances	<u>12/30/93</u>	<u>x</u>
Bids Open	<u>01/06/94</u>	<u>x</u>
Start Construction	<u>03/14/94</u>	<u>x</u>
Construction Complete	<u>01/17/95</u>	—

Consultant/Project Manager: VTN Engineering; Roger Sorenson, P.E.

Construction Prime Contractor: Las Vegas Paving

Delays or problems area:  
**None.**

Work completed during month:  
**Las Vegas Paving poured 5000 l.f. of curb and gutter. Continued with  
installation of concrete boxes for Buffalo Channel.**

Work to be completed during next month:  
**Continue with construction.**

Project Manager: John O'Connell, P.E. Phone: 229-6735

REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 06/27/94

REVIEW PERIOD

FROM: 05/29/94

TO: 06/24/94

Project: Cheyenne Channel; Buffalo to Gowan Detention Basin

Description: Design the construction of Cheyenne Channel from Buffalo to Gowan Detention Basin.

Percent Complete: 22% Construction Estimated Cost of Project: \$1,576,000

	Schedule for Completion	Complete
Design	<u>12/13/93</u>	<u>x</u>
R/W Clearances	<u>09/13/93</u>	<u>x</u>
Envir Clearances	<u>09/13/93</u>	<u>x</u>
Bids Open	<u>03/01/94</u>	<u>—</u>
Start Construction	<u>05/23/94</u>	<u>—</u>
Construction Complete	<u>10/10/94</u>	<u>—</u>

Consultant/Project Manager: Church Engineering/Todd Kenner, P.E.

Construction Prime Contractor: Progressive Contracting

Delays or problems area:

**None.**

Work completed during month:

**Construction on Ronemus Bridge.**

Work to be completed during next month:

**Continue construction. Hold progress meeting.**

Project Manager: Denis Atwood, P.E. Phone: 229-6740

REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 07/05/94

REVIEW PERIOD FROM: 05/31/94

TO: 07/05/94

Project: FREEWAY CHANNEL - SAHARA TO IVANHOE

Description: Construction of 2 - 10' x 8' RCB.

Percent Complete: 30% Construction Estimated Cost of Project: \$2,104,601

	Schedule for Completion	Complete
Design	<u> / /</u>	<u> —</u>
R/W Clearances	<u> / /</u>	<u> —</u>
Envir Clearances	<u> / /</u>	<u> —</u>
Bids Open	<u>09/02/93</u>	<u> X</u>
Start Construction	<u>11/29/93</u>	<u> X</u>
Construction Complete	<u>11/25/94</u>	<u> —</u>

Consultant/Project Manager: Louis Berger and Associates/Tom Lane, PE

Construction Prime Contractor: \_\_\_\_\_

Delays or problems area:

Work completed during month:

Work to be completed during next month:  
**Continue with construction.**

Project Manager: Paul Wilcox, PE (NDOT) Phone: 486-7928

REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 07/05/94

REVIEW PERIOD

FROM: 05/31/94

TO: 07/05/94

Project: Cam 10/Lone Mountain Detention Basins

Description: Predesign for Cam 10/Lone Mountain Detention Basins.

Percent Complete: 97% PreDesign

Estimated Cost of Project: \$8,770,000

	Schedule for Completion	Complete
Design	<u>03/31/94</u>	—
R/W Clearances	<u>///</u>	—
Envir Clearances	<u>///</u>	—
Bids Open	<u>///</u>	—
Start Construction	<u>///</u>	—
Construction Complete	<u>///</u>	—

Consultant/Project Manager: Montgomery Watson/Lonnie C. Roy, PE

Construction Prime Contractor: \_\_\_\_\_

Delays or problems area:

Work completed during month:  
**Received final report.**

Work to be completed during next month:  
**Determine if additional environmental work is needed.**

Project Manager: Randy L. Fultz, P.E. Phone: 229-6276

REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 06/27/94

REVIEW PERIOD

FROM: 05/21/94

TO: 06/24/94

Project: Oakey Detention Basin and Conveyance System

Description: Construction of flood control facilities which include basin, collection system and outfall.

Percent Complete: 99% Construction Estimated Cost of Project: \$7,655,000

	Schedule for Completion	Complete
Design	<u>08/01/92</u>	<u>x</u>
R/W Clearances	<u>08/01/92</u>	<u>x</u>
Envir Clearances	<u>10/21/92</u>	<u>x</u>
Bids Open	<u>11/24/92</u>	<u>x</u>
Start Construction	<u>02/15/94</u>	<u>x</u>
Construction Complete	<u>12/15/93</u>	<u>—</u>

Consultant/Project Manager: Boyle Engineering

Construction Prime Contractor: Las Vegas Paving

Delays or problems area:  
**None.**

Work completed during month:  
**Obtained easement from LVVWD. Present to CCRFCD Board.**

Work to be completed during next month:  
**Present to CCRFCD Board for approval.**

Project Manager: Terry Parker Phone: 229-6337

REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 06/27/94

REVIEW PERIOD FROM: 05/19/94 TO: 06/24/94

Project: Oakey Detention Basin - Offsite improvements

Description: Oakey from Redwood to Torrey Pines, Torrey Pines from Oakey to O'Bannon, and O'Bannon from Torrey Pines to Redwood.

Percent Complete: 99% Construction Estimated Cost of Project: \$785,500

Schedule for Completion		Complete
Design	<u>04/09/93</u>	<u>x</u>
R/W Clearances	<u> / /</u>	<u>x</u>
Envir Clearances	<u> / /</u>	<u>x</u>
Bids Open	<u>06/08/93</u>	<u>x</u>
Start Construction	<u>09/17/93</u>	<u>x</u>
Construction Complete	<u>02/15/94</u>	<u>—</u>

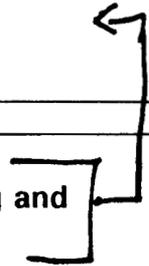
Consultant/Project Manager: WRC/Doyle Mecham, P.E.

Construction Prime Contractor: Las Vegas Paving Corporation

Delays or problems area:  
**None.**

Work completed during month:  
**Worked on punch list items.  
Monitored trees and plants for acceptance after 90 day warranty period.**

Work to be completed during next month:  
**Final walk through on May 20, 1994 to approve and accept landscaping and take over responsibility for maintenance of landscaping.**



Project Manager: Joe Christensen, P.E. Phone: 229-2212

REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 07/05/94

REVIEW PERIOD

FROM: 05/20/94

TO: 07/05/94

Project: Oakey Detention Basin Phase II Collection System

Description: Storm drain to connect the collection system on Sahara to the Oakey Detention Basin.

Percent Complete: 90% Design

Estimated Cost of Project: \$1,543,000

	Schedule for Completion	Complete
Design	<u>08/31/94</u>	—
R/W Clearances	<u> / /</u>	—
Envir Clearances	<u> / /</u>	—
Bids Open	<u>05/31/95</u>	—
Start Construction	<u>07/31/95</u>	—
Construction Complete	<u>12/31/95</u>	—

Consultant/Project Manager: \_\_\_\_\_

Construction Prime Contractor: \_\_\_\_\_

Delays or problems area:

Work completed during month:

Work to be completed during next month:  
Project is on hold until funding is available.

Project Manager: Denis Atwood, P.E. Phone: 229-6272

REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 06/27/94

REVIEW PERIOD

FROM: 05/21/94

TO: 06/24/94

Project: Rampart Interchange - Charleston to Vegas

Description: New arterial roadway and 100-Yr Storm Drain to extend Rampart from Charleston to Vegas including interchange at Summerlin Park

Percent Complete: 20% Construction Estimated Cost of Project: \$9,900,000

	Schedule for Completion	Complete
Design	<u>11/29/93</u>	<u>x</u>
R/W Clearances	<u>07/30/93</u>	<u>x</u>
Envir Clearances	<u>07/30/93</u>	<u>x</u>
Bids Open	<u>02/08/94</u>	<u>x</u>
Start Construction	<u>04/11/94</u>	<u>0</u>
Construction Complete	<u>04/10/95</u>	<u>—</u>

Consultant/Project Manager: G. C. Wallace / Scott Plummer, P.E.

Construction Prime Contractor: Las Vegas Paving Corp.

Delays or problems area:  
**None**

Work completed during month:  
**Continue work on storm drain system and ramps A and B. Closed Angel Park access from Summerlin.**

Work to be completed during next month:  
**Continue construction of project.**

Project Manager: Denis Atwood, P.E. Phone: 229-6740

REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 06/21/94

REVIEW PERIOD FROM: 05/18/94 TO: 06/27/94

Project: Washington Ave. System / Virgil to Lena

Description: Triple 12' x 8' RCB in Washington Ave. from Virgil to Lena. Roadway improvements from Sandhill to Lena.

Percent Complete: 35% Construction Estimated Cost of Project: \$4,300,000

	Schedule for Completion	Complete
Design	<u>09/20/93</u>	<u>x</u>
R/W Clearances	<u>08/03/92</u>	<u>x</u>
Envir Clearances	<u>08/03/92</u>	<u>x</u>
Bids Open	<u>11/09/93</u>	<u>x</u>
Start Construction	<u>02/09/94</u>	<u>x</u>
Construction Complete	<u>10/08/94</u>	<u>—</u>

Consultant/Project Manager: MEA / Laurnal Gubler, P.E.

Construction Prime Contractor: Max Riggs Construction

Delays or problems area:  
**Delayed three weeks while Southwest Gas relocated a 10" Gas Line in Pecos Road.**

Work completed during month:  
**Completed triple 12' x 18' RCB from Virgil to Pecos. Demolished East half of Pecos Road Bridge and removed concrete walls in Washington Channel.**

Work to be completed during next month:  
**Complete work on triple 12' x 8' RCB under Pecos Road.  
Remove west half of bridge on Pecos Road and Washington Avenue.**

Project Manager: Joe Christensen, P.E. Phone: 229-2212

REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 06/21/94

REVIEW PERIOD

FROM: 05/18/94

TO: 06/27/94

Project: Washington Ave. System / Lena to Eastern

Description: Triple 10' x 8' RCB and roadway improvements in Washington Ave. from Lena to Eastern.

Percent Complete: 97% Design

Estimated Cost of Project: \$6,880,000

Schedule for Completion	Complete
Design	<u>06/15/94</u> —
R/W Clearances	<u>08/15/94</u> —
Envir Clearances	<u>06/15/94</u> —
Bids Open	<u>11/08/94</u> —
Start Construction	<u>02/03/95</u> —
Construction Complete	<u>03/19/96</u> —

Consultant/Project Manager: MEA / Laurnal Gubler, P.E.

Construction Prime Contractor: \_\_\_\_\_

Delays or problems area:  
**RTC funding available 07/94**  
**RFCD funding available 10/94**  
**Schedule is dependant on receiving funding on these dates.**

Work completed during month:  
**Started ROW acquisition for right turn lane on northeast corner of Eastern and Washington.**

Work to be completed during next month:  
**Final submittal of bid documents for review and approval by CLV, RTC, RFCD, and Utilities.**

Project Manager: Joe Christensen, P.E. Phone: 229-2212

REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 06/21/94

REVIEW PERIOD FROM: 06/01/94 TO: 06/27/94

Project: Washington Ave. System / Eastern to Sagman

Description: Double 12'x 8' RCB in Washington Channel and Road-way improvements from Eastern to Sagman.

Percent Complete: 30% Design Estimated Cost of Project: \$3,158,000

	Schedule for Completion	Complete
Design	<u>01/20/95</u>	—
R/W Clearances	<u>01/20/95</u>	—
Envir Clearances	<u>01/20/95</u>	—
Bids Open	<u> / /</u>	—
Start Construction	<u> / /</u>	—
Construction Complete	<u> / /</u>	—

Consultant/Project Manager: Laural Gubler, MEA

Construction Prime Contractor: \_\_\_\_\_

Delays or problems area:  
**None**

Work completed during month:  
**Worked on 70% submittal of bid documents.**

Work to be completed during next month:  
**Continue working on 70% submittal of bid documents.**

Project Manager: Joe L. Christensen Phone: 229-2212

REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 07/05/94

REVIEW PERIOD

FROM: 05/31/94

TO: 07/05/94

Project: Washington Avenue - Sagman to Las Vegas Creek

Description: Engineering and right-of-way design and right-of-way acquisition.

Percent Complete: 20%

Estimated Cost of Project: \$270,000

	Schedule for Completion	Complete
Design	<u>///</u>	<u>—</u>
R/W Clearances	<u>12/31/95</u>	<u>—</u>
Envir Clearances	<u>///</u>	<u>—</u>
Bids Open	<u>///</u>	<u>—</u>
Start Construction	<u>///</u>	<u>—</u>
Construction Complete	<u>///</u>	<u>—</u>

Consultant/Project Manager: \_\_\_\_\_

Construction Prime Contractor: \_\_\_\_\_

Delays or problems area:

Work completed during month:

Work to be completed during next month:  
**Coordinate with NDOT on the right of way acquisition for the I-15/U.S. 95 interchange. Fantasy Lane easement acquired.**

Project Manager: Randy Fultz, P.E. Phone: 229-6276

# CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

## PROJECT STATUS REPORT

ENTITY City of Henderson

DATE June 30, 1994

REVIEW PERIOD:

FROM: June 1, 1994 TO: June 30, 1994

PROJECT: C-1 Channel System Design (Mission Hills)  
Construction of Mission Hills Detention Basin

DESCRIPTION: Construction of Mission Hills Detention Basin and Outlet Works

DESIGN: 100 %

ESTIMATED COST OF PROJECT: \$7,150,000

CONSTRUCTION: 90 %

### SCHEDULE FOR COMPLETION: (dates)

DESIGN	<u>Complete</u>
R/W CLEARANCES	<u>Complete</u>
ENVIR CLEARANCES	<u>Complete</u>
BIDS OPEN	<u>July 1993</u>
START CONSTRUCTION	<u>September 1993</u>
CONSTRUCTION COMPLETE	<u>July 1994</u>

CONSULTANT/PROJECT MANAGER: VTN/Ken Gilbreth

CONSTRUCTION PRIME CONTRACTOR: Scarborough Construction

DELAYS OR PROBLEM AREAS: Scarborough Construction filed bankruptcy. The bonding company took over the job.
WORK COMPLETED DURING CURRENT MONTH: Completed spillway and other structures.
WORK TO BE COMPLETED DURING NEXT MONTH: Final grading, clean up and dust palliative.

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 June 30, 1994

REVIEW PERIOD:

FROM: June 1, 1994 TO: June 30, 1994

PROJECT: C-1 Channel System Design (Western Diversion Facility)

DESCRIPTION: Design of 6 miles of concrete channel, 2 miles of pipe, and two detention basins with about 500 AF of storage.

PERCENT COMPLETE: 90 %

ESTIMATED COST OF PROJECT: \$3,500,000

CONSTRUCTION: 0 %

### SCHEDULE FOR COMPLETION: (dates)

DESIGN July, 1993

R/W CLEARANCES September, 1994

ENVIR CLEARANCES August, 1993

BIDS OPEN \_\_\_\_\_

START CONSTRUCTION \_\_\_\_\_

CONSTRUCTION COMPLETE \_\_\_\_\_

CONSULTANT/PROJECT MANAGER: VTN/Ken Gilbreth

CONSTRUCTION PRIME CONTRACTOR: None

#### DELAYS OR PROBLEM AREAS:

Right-of-way acquisition.

#### WORK COMPLETED DURING CURRENT MONTH:

Made offers to property owners.

#### WORK TO BE COMPLETED DURING NEXT MONTH:

Waiting for response from property owners.

PROJECT MANAGER: Curt Chandler PHONE # 565-2329

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY City of Henderson

DATE June 30, 1994

REVIEW PERIOD:

FROM: June 1, 1994 TO: June 30, 1994

PROJECT: C-1 Channel Design From Lake Mead Drive to Drake

DESCRIPTION: Design to increase capacity of 1.5 miles of existing concrete channel, improve an existing road crossing, and design an additional 0.5 miles of concrete channel.

PERCENT COMPLETE: 100 %

ESTIMATED COST OF PROJECT: \$2,750,000

CONSTRUCTION: 0 %

SCHEDULE FOR COMPLETION:  
(dates)

DESIGN August, 1993

R/W CLEARANCES December, 1993

ENVIR CLEARANCES August, 1993

BIDS OPEN May, 1994

START CONSTRUCTION July, 1994

CONSTRUCTION COMPLETE March, 1995

CONSULTANT/PROJECT MANAGER: VTN/Ken Gilbreth

CONSTRUCTION PRIME CONTRACTOR: Max Riggs Construction

<p>DELAYS OR PROBLEM AREAS: None.</p>
<p>WORK COMPLETED DURING CURRENT MONTH: Execution of contracts.</p>
<p>WORK TO BE COMPLETED DURING NEXT MONTH: Begin construction on July 6th, 1994.</p>

PROJECT MANAGER: Curt Chandler PHONE # 565-2329

# CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

## PROJECT STATUS REPORT

ENTITY City of Henderson

DATE June 30, 1994

REVIEW PERIOD:

FROM: June 1, 1994 TO: June 30, 1994

PROJECT: Equestrian Detention Basin

DESCRIPTION: Design of Equestrian Detention Basin

PERCENT COMPLETE: 20 %

ESTIMATED COST OF PROJECT: \$ 5,700.00

### SCHEDULE FOR COMPLETION: (dates)

DESIGN	<u>September 1994</u>
R/W CLEARANCES	<u>August 1994</u>
ENVIR CLEARANCES	<u>August 1994</u>
BIDS OPEN	<u>November 1994</u>
START CONSTRUCTION	<u>December 1994</u>
CONSTRUCTION COMPLETE	<u>August 1995</u>

CONSULTANT/PROJECT MANAGER: Poggemeyer Design/Tim Pinter

CONSTRUCTION PRIME CONTRACTOR: None

#### DELAYS OR PROBLEM AREAS:

None.

#### WORK COMPLETED DURING CURRENT MONTH:

Use permit approved by City of Henderson Planning Commission.

#### WORK TO BE COMPLETED DURING NEXT MONTH:

Approval of use permit by City Council.

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 June 30, 1994

REVIEW PERIOD:

FROM: June 1, 1994 TO: June 30 1994

PROJECT: Pittman Wash Channel Phase III-A

DESCRIPTION: Construct concrete lined channel approximately 4500 feet long with a capacity of 10,600 cfs. Extends from Duck Creek to Stephanie Street.

DESIGN: 100 %

ESTIMATED COST OF PROJECT: \$800,000

CONSTRUCTION: 100 %

### SCHEDULE FOR COMPLETION:

(dates)

DESIGN Complete

R/W CLEARANCES Complete

ENVIR CLEARANCES Complete

BIDS OPEN September 1993

START CONSTRUCTION November 1993

CONSTRUCTION COMPLETE May 1994

CONSULTANT/PROJECT MANAGER: Poggemeyer/Larry Carroll

CONSTRUCTION PRIME CONTRACTOR: American Asphalt

#### DELAYS OR PROBLEM AREAS:

None

#### WORK COMPLETED DURING CURRENT MONTH:

Completed work.

#### WORK TO BE COMPLETED DURING NEXT MONTH:

Walk through on July 13, 1994.

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 June 30, 1994

REVIEW PERIOD: FROM: June 1, 1994 TO: June 30, 1994

PROJECT: Sunset Detention Basin - Predesign and Land Acquisition

DESCRIPTION: Pre-design of 652 AF detention basin, inlet, and outlet and acquisition of needed right-of-way.

PERCENT COMPLETE: 100 % ESTIMATED COST OF PROJECT: \$1,385,000

### SCHEDULE FOR COMPLETION: (dates)

PRE-DESIGN	<u>Complete</u>
R/W CLEARANCES	<u>Undetermined</u>
ENVIR CLEARANCES	<u>Undetermined</u>
BIDS OPEN	<u>Undetermined</u>
START CONSTRUCTION	<u>Undetermined</u>
CONSTRUCTION COMPLETE	<u>Undetermined</u>

CONSULTANT/PROJECT MANAGER: Ken Gilbreth/VTN-Nevada

CONSTRUCTION PRIME CONTRACTOR: None

#### DELAYS OR PROBLEM AREAS:

Environmental study of sites in consideration.

#### WORK COMPLETED DURING CURRENT MONTH:

Discussions with BMI for Alternate site of Detention Basin, and additional analysis performed by VTN of alternate site.

#### WORK TO BE COMPLETED DURING NEXT MONTH:

BMI to determine suitability of alternate site.

PROJECT MANAGER: Saeed Ahmad PHONE #: 565-2432

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REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of North Las Vegas DATE PREPARED: 06/29/94

REVIEW PERIOD FROM: 06/01/94 TO: 06/30/94

PROJECT: Kyle Canyon Detention Basin

DESCRIPTION: Construct detention basin and collection dikes

PERCENT COMPLETE: 15 % ESTIMATED COST OF PROJECT: \$ 13,113,000  
construction phase

- CORFCD - -

SCHEDULE FOR COMPLETION:  
(dates)

1 JUN 94 1:54

DESIGN Completed  
R/W CLEARANCES Completed  
ENVIR CLEARANCES Completed  
BIDS OPEN November 1993  
START CONSTRUCTION April 1994  
CONSTRUCTION COMPLETE February 1995

CONSULTANT/PROJECT MANAGER: VTN Nevada/City of North Las Vegas

CONSTRUCTION PRIME CONTRACTOR: American Asphalt and Grading Co.

DELAYS OR PROBLEM AREAS:

- Water production only fair.  
May pursue additional water source.
- Manufacture of riprap from site may be difficult;  
considering R.C.C. alternate.

WORK COMPLETED DURING CURRENT MONTH:

- Clear and grub 100% complete.
- Subgrade preparation 40% complete.
- Excavation/embankment 6% complete.
- Horizontal drainage blanket 16% complete.
- Access road 75% complete.
- Diversion dike 100% complete.
- Construction water/equipment 40% complete.

WORK TO BE COMPLETED DURING NEXT MONTH:

- Complete 23% of project.

PROJECT MANAGER: By: Gil Gilpin PHONE #: 642-1827

REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of North Las Vegas DATE PREPARED: 06/29/94

REVIEW PERIOD FROM: 06/01/94 TO: 06/30/94

PROJECT: West Range Wash Diversion Dike and Channel

DESCRIPTION: Construct 5-1/2 mile long dike and channel.

PERCENT COMPLETE: 99 %. ESTIMATED COST OF PROJECT: \$ 2,430,000  
construction phase construction phase

SCHEDULE FOR COMPLETION:  
(dates)

DESIGN Completed

R/W CLEARANCES Completed

ENVIR CLEARANCES Completed

BIDS OPEN Completed

START CONSTRUCTION November 1993

CONSTRUCTION COMPLETE May 1994

CONSULTANT/PROJECT MANAGER: Boyle Engineering/City of North Las Vegas

CONSTRUCTION PRIME CONTRACTOR: Max Riggs Construction

DELAYS OR PROBLEM AREAS:

- Extensive rubbish buried in work area.

WORK COMPLETED DURING CURRENT MONTH:

- Continued to reconcile course of action and funding for rubbish disposal.
- Project completion: 99%

WORK TO BE COMPLETED DURING NEXT MONTH:

- Fix course of action for rubbish disposal. Establish source of funding.
- Complete 100% of project.

PROJECT MANAGER: By: Steve Combs PHONE #: 642-1827

-- CORRECT --

31 JUN 94 1:54

REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT

ENTITY: City of North Las Vegas DATE PREPARED: 06/29/94

REVIEW PERIOD FROM: 06/01/94 TO: 06/30/94

PROJECT: Western Tributary to the Las Vegas Wash (Stimson Channel)

DESCRIPTION: Lined channel between Commerce Street and Lone Mountain Road, and channel entrance protection.

PERCENT COMPLETE: 100 % ESTIMATED COST OF PROJECT: \$ 580,000

SCHEDULE FOR COMPLETION:  
(dates)

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

- -CCRFCD - -

31 JUN 94 1:54

CONSULTANT/PROJECT MANAGER: VTN Nevada/City of North Las Vegas

CONSTRUCTION PRIME CONTRACTOR: Las Vegas Paving Corporation

DELAYS OR PROBLEM AREAS:

- Budget restrictions on entrance protection.
- Channel lining redesign project required.

WORK COMPLETED DURING CURRENT MONTH:

- Channel complete.
- No work performed on entrance protection.
- Secured developer responsibility for construction of entrance protection.
- Completed channel lining redesign.

WORK TO BE COMPLETED DURING NEXT MONTH:

- Complete 50% of entrance protection (channel lining).

PROJECT MANAGER: By: Gil Gilpin PHONE #: 642-1827

**REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT**

Entity: REGIONAL FLOOD CONTROL DISTRICT      Date Prepared: 7 / 01 / 94

Review Period From: 06 / 01 / 94 To 06 / 30 / 94

PROJECT: MUDDY RIVER FLOOD INSURANCE STUDY

DESCRIPTION: Flood Insurance Rate Map preparation for the Muddy River & Tributaries in the Moapa Valley.

PERCENT COMPLETE: 0 %      ESTIMATED COST OF PROJECT: \$224,458

SCHEDULE FOR COMPLETION: 03 / 95

CONSULTANT/PROJECT MANAGER: G.C. Wallace

<b>DELAYS OR PROBLEM AREAS:</b>  None. Project on schedule.
<b>WORK COMPLETED DURING CURRENT MONTH:</b>  Contract negotiated with consultant. Proposed contract was submitted to the Technical Advisory Committee on 6/30/94 for approval and recommendation to the Board of Directors.
<b>WORK TO BE COMPLETED DURING NEXT MONTH:</b>  Submit contract to Board of Directors for approval on 7/14/94.

PROJECT MANAGER: KEVIN EUBANKS, P.E.      PHONE #: 455-3139

**REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT**

Entity: REGIONAL FLOOD CONTROL DISTRICT      Date Prepared: 7/01/94

Review Period From: 6/01/94 To 06/30/94

PROJECT: Hiko Springs/Bridge Canyon, Laughlin, NV, Flood Insurance Study

DESCRIPTION: Flood Insurance Rate Map preparation for the Hiko Springs and Bridge Canyon Washes in Laughlin, Nevada.

PERCENT COMPLETE: 95 %      ESTIMATED COST OF PROJECT: \$191,400

SCHEDULE FOR COMPLETION: 04/01/94

CONSULTANT/PROJECT MANAGER: Church/PBS&J - Todd Kenner

<b>DELAYS OR PROBLEM AREAS:</b>  Project is on schedule.
<b>WORK COMPLETED DURING CURRENT MONTH:</b>  Received FEMA comments and began formulating response. Met with FEMA to discuss comments.
<b>WORK TO BE COMPLETED DURING NEXT MONTH:</b>  Develop and submit response to FEMA comments.

PROJECT MANAGER: KEVIN EUBANKS, P.E.      PHONE #: 455-3139

**REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT**

**Entity:** REGIONAL FLOOD CONTROL DISTRICT      **Date Prepared:** 7 / 05 / 94

Review Period From: 06 / 01 / 94 To 06 / 30 / 94

**PROJECT:** Northwest Area Flood Insurance Study

**DESCRIPTION:** Flood Insurance Rate Map preparation for the Northwest Area bound by Ann Rd., Washington Ave., Buffalo Dr. and I-15.

**PERCENT COMPLETE:** 95 %      **ESTIMATED COST OF PROJECT:** \$247,500

**SCHEDULE FOR COMPLETION:** 05 / 15 / 94

**CONSULTANT/PROJECT MANAGER:** Coe & Van Loo/ Pentacore - Paul W.R. Hoskin

<p><b>DELAYS OR PROBLEM AREAS:</b></p> <p>No new delays.</p>
<p><b>WORK COMPLETED DURING CURRENT MONTH:</b></p> <p>Detailed study hydraulic analysis completed. Completed flood zone delineations. Draft study prepared and submitted to the District for review.</p>
<p><b>WORK TO BE COMPLETED DURING NEXT MONTH:</b></p> <p>Address District and committee review comments and forward to FEMA.</p>

**PROJECT MANAGER:** KEVIN EUBANKS, P.E.      **PHONE #:** 455-3139

**REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT**

**Entity:** REGIONAL FLOOD CONTROL DISTRICT      **Date Prepared:** 7/05/94

**Review Period From:** 6/01/94    **To** 06/30/94

**PROJECT:** Pittman Wash Area Flood Insurance Study

**DESCRIPTION:** Flood Insurance Rate Map preparation for the Pittman Wash Study Area north of Lake Mead Drive, east of Eastern Avenue and upstream of the confluence with the Duck Creek.

**PERCENT COMPLETE:** 15 %      **ESTIMATED COST OF PROJECT:** \$132,000

**SCHEDULE FOR COMPLETION:** 01/15/95

**CONSULTANT/PROJECT MANAGER:** NIMBUS ENGINEERS

<p><b>DELAYS OR PROBLEM AREAS:</b></p> <p>Project is on schedule.</p>
<p><b>WORK COMPLETED DURING CURRENT MONTH:</b></p> <p>Review existing engineering data.</p>
<p><b>WORK TO BE COMPLETED DURING NEXT MONTH:</b></p> <p>Continue drafting floodplain delineations.</p>

**PROJECT MANAGER:** KEVIN EUBANKS, P.E.      **PHONE #:** 455-3139

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**REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT**

Entity: REGIONAL FLOOD CONTROL DISTRICT      Date Prepared: 6/29/94

Review Period From: 6/01/94 To 06/30/94

PROJECT: EMERGENCY ACTION PLANS

DESCRIPTION: Prepare emergency action plans for the detention basins of: Oakey, Upper Las Vegas Wash, Town Wash (Mesquite), and Kyle Canyon.

PERCENT COMPLETE: 0 %      ESTIMATED COST OF PROJECT: \$ 225,000

SCHEDULE FOR COMPLETION: May 1995

CONSULTANT/PROJECT MANAGER: Proposals being evaluated.

<b>DELAYS OR PROBLEM AREAS:</b>  
<b>WORK COMPLETED DURING CURRENT MONTH:</b>  Proposals were received on June 3. Began evaluation process of the proposals.
<b>WORK TO BE COMPLETED DURING NEXT MONTH:</b>  Select a consultant and begin contract negotiations.

PROJECT MANAGER: TIMOTHY E. SUTKO      PHONE #: 455-3139

**REGIONAL FLOOD CONTROL DISTRICT  
PROJECT STATUS REPORT**

Entity: REGIONAL FLOOD CONTROL DISTRICT      Date Prepared: 06/29/94

Review Period From: 06/01/94    To 06/30/94

PROJECT: Flood Awareness and Safety Program

DESCRIPTION: Implement a flood awareness and safety program to inform the public regarding the dangers of flooding. Work is accomplished by RFCD staff, CAC and a consulting firm.

PERCENT COMPLETE: 40 %      ESTIMATED COST OF PROJECT: \$157,100 (consultant)

SCHEDULE FOR COMPLETION: (Dates) consultant contract ends in Feb., 1995

CONSULTANT/PROJECT MANAGER: Merica, Burch & Dickerson / John Eary

**DELAYS OR PROBLEM AREAS:    NONE**

**WORK COMPLETED DURING CURRENT MONTH:**

■ **BOARD PROCLAIMED JUNE 19-25 AS FLASH FLOOD AWARENESS WEEK**

- Sponsorship of Fox-5 Kids Club was continued
- Anderson Dairy printed flood safety messages on milk cartons
- Merica Burch & Dickerson continued advertising campaign (see attached status report)
- Local area 7/11 Stores posted flood safety flyers
- Local newspapers printed articles regarding flash flooding in response to two press releases issued by staff.
- Brochures were printed
- Staff and CAC members manned a booth at the Boulevard Mall on June 23
- Staff made the following visits/presentations to the public and interviews with the media:
  - June 16 - KNUU 970AM radio interview with Gale Fraser (broadcast June 18)
  - June 20 - TV-13 interview with Gale Fraser
  - June 20 - TV-8 interview with Gale Fraser
  - June 21 - Mendoza Elementary School presentations by Cathy Razor (three 4th grade classes)
  - June 22 - Katz-McMillan Elementary School presentation by Tim Sutko (one first grade class)
  - June 22 - TV-5 AM Southern Nevada interview with Gale Fraser by Lillian McMorris
  - June 23 - Boulevard Mall Booth with CAC members
- Staff begin coordination for two NDEP Storm Water Discharge classes in September
- CAC distributed community posters

**WORK TO BE COMPLETED DURING NEXT MONTH:**

- Merica, Burch & Dickerson will continue the media campaign (see attached status report)
- Staff is scheduled for the following public interviews/presentations:
  - July 5 - YMCA flood safety presentations by Cathy Razor (3 classes of 50 kids)
  - July 19 - Mendoza Elementary School by Cathy Razor (one class of 4th graders)
  - July 20 - Ruby Thomas Elementary School by Cathy Razor (one class of 4th graders)

PROJECT MANAGER: CATHY RAZOR

PHONE #: 455-3139

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

Status Report  
As of June 30, 1994

ITEM	DUE DATE	STATUS
Outdoor Posters	Post 50% showing by July 15.	On schedule. Next posting (50%) August 10.
Outdoor Paint Boards	May 1.	Posted May 6. Last year's board is still up.
Newspaper Bag Wrappers	Complete.	Begin distribution 6/1.
Milk Carton Messages	Complete.	Second distribution June 17 - 30 (on schedule).
Community Posters	Complete.	CAC committee distributing, and 7-11 showing began June 1.
Fox 5 Kids Club Newsletter Ad	Complete.	Summer issue distribution.
Skyview Traffic Scripts	Scripts to Skyview June 3.	On schedule. Paid spots running every other week. Bonus spots running opposite weeks.
KDOL Radio Scripts	Complete.	Promos running through July 17. ROS spots to run the June 13 - 27, and World Cup spots to run June 13 through July 17.
Brochure	Design complete.	Sent artwork to printers and client to coordinate printing.
"Flood Awareness" Outlying Areas Newspaper Ads	Complete	Ads running in Moapa Valley Progress, Desert Valley Times, El Mundo, Henderson Home News, Boulder City News.
"Flood Awareness" Television Spots	Complete. Running spots from last year.	Spots ran June 13 through June 26 on TV3, TV5, TV8, TV13, TV21, TV33, TV39.

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

**FINANCIAL REPORTS**

**RECOMMENDATION SUMMARY**

**STAFF:** Accept the reports.

**TECHNICAL ADVISORY:** Accept the report.

**CITIZENS ADVISORY:** Accept the reports.

**RFCD AGENDA  
ITEM # 09  
Date: 07/14/94**

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**  
FINANCIAL REPORTS

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

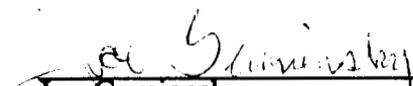
**RECOMMENDATION OF PETITIONER:**  
THAT THE BOARD ACCEPT THE REPORTS

**FISCAL IMPACT:** None.

**BACKGROUND:** The following Financial Reports for the month of May 1994, are submitted for your review:

<u>Section</u>	<u>Description</u>	<u>Page(s)</u>
A - Fund 286	Fund Balance Report . . . . .	1
	Sales Tax Revenue Report . . . . .	2
	Open Purchase Orders . . . . .	3-4
	ILA Approved - Not yet transferred . . . . .	5
	Monthly Expenditure Report . . . . .	6-7
	Accounts Payable . . . . .	8-9
B - Fund 330	Fund Balance Report . . . . .	10
C - Fund 443	Fund Balance Report . . . . .	11
	ILA Approved - Not yet transferred . . . . .	12
	Monthly Expenditure Report . . . . .	13
	Accounts Payable . . . . .	14
	Current Project Expense Summary . . . . .	15-31
	Purchase Order Status Report . . . . .	32-41
	Maintenance WorkProgram Report . . . . .	42-43
	Maintenance Work Program Open Purchase Orders . . . . .	44-45
	Maintenance Work Program Monthly Expenses . . . . .	46
	Maintenance Work Program Accounts Payable . . . . .	47
	CIP - Cumulative Reporting . . . . .	48-50
	Funding Request Summary . . . . .	51
	Funding Requests and Priorities Report . . . . .	52
D - Fund 444	Fund Balance Report . . . . .	53
	Monthly Expenditure Report . . . . .	54
	Accounts Payable . . . . .	55
	Current Project Expense Summary . . . . .	56-61
	Purchase Order Status Report . . . . .	62-65
	CIP - Cumulative Reporting . . . . .	66
	Funding Request Summary . . . . .	67

Respectfully submitted,

  
 Joe Gumienksy  
 Manager of Business & Finance  
 0630finl.itm

<b>TAC AGENDA</b> <b>ITEM # 9</b> <b>Date: 06/30/94</b>	<b>RFCD AGENDA</b> <b>ITEM # 9</b> <b>Date: 7/14/94</b>
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FUND 286 - FUND BALANCE REPORT  
 REGIONAL FLOOD CONTROL DISTRICT  
 MAY 1994

BEGINNING FUND BALANCE

AB 494 Funds - Principal	0
AB 494 Funds - Cumulative Interest	285
Unused Tax Revenues	12,156,247

TOTAL BALANCE

12,156,511

REVENUES:

Sales Tax	2,685,248
Interest Earned	133,087
Sale of Materials	310
Other	0

TOTAL REVENUES

2,818,643

EXPENSES:

Salaries & Benefits	(67,759)
Supplies & Services	(116,897)
Professional Services	(142,163)
Capital Expenditures	0
Transferred to Fund 330	0
Transfer to/from Fund 443	(4,967,074)

TOTAL EXPENSES

(5,293,894)

ENDING FUND BALANCE (FUND 286)

9,681,260

=====

OBLIGATIONS AGAINST FUND BALANCE:

P.O. Balances - Prof Serv and Operating Costs	(1,101,267)
ILA's Approved-funds not yet transferred to Fund 443	(1,100,588)
Bond Fund 330 - Principal & Interest Accrual	(2,593,697)
286 Contracts Awarded - funds not yet encumbered	(4,000)
Corps of Engineers Project	(2,285,428)
Accounts Payable	(96,712)

TOTAL FUND OBLIGATIONS

(7,181,692)

FUNDS AVAILABLE FOR COMMITMENT

2,499,569

=====

CURRENT FUNDING REQUESTS

FISCAL  
IMPACT

NLV05A89	UPPER LAS VEGAS WASH CLOSEOUT	(54,858)
CLARK COUNTY	TROPICANA AND FLAMINGO WASHES PROJECT	100,000
LAS VEGAS	WASHINGTON AVE. LENA TO EASTERN	5,384,500
LAS VEGAS	OAKLEY DETENTION BASIN PHASE II	1,513,000
CLARK COUNTY	SECOND SUPPLEMENTAL LOWER DUCK CREEK	1,200,000

TOTAL REQUESTS FOR FUNDING

8,142,642

AVAILABLE BALANCE

(\$5,643,074)

=====

**SALES TAX REVENUE REPORT  
REGIONAL FLOOD CONTROL DISTRICT  
FISCAL YEAR 1993/1994**

<b>MONTH SALES TAX RECEIVED</b>	<b>1/4 CENT SALES TAX ESTIMATE</b>	<b>SALES TAX REVENUES</b>	<b>DIFFERENCE OVER/(UNDER) FROM ESTIMATE</b>	<b>REVENUE YTD FY 93/94</b>
JULY	1,937,197	2,089,245	152,048	2,089,245
AUGUST	2,027,301	2,190,644	163,343	4,279,889
SEPTEMBER	1,965,071	2,172,518	207,447	6,452,407
OCTOBER	1,947,368	2,170,583	223,215	8,622,990
NOVEMBER	2,132,098	2,351,026	218,928	10,974,016
DECEMBER	1,985,944	2,306,267	320,323	13,280,283
JANUARY	2,016,235	2,317,677	301,442	15,597,960
FEBRUARY	1,939,393	2,784,126	844,733	18,382,086
MARCH	1,746,159	2,218,067	471,908	20,600,153
APRIL	1,708,564	2,198,004	489,440	22,798,157
MAY	1,959,189	2,685,246	726,057	25,483,403
JUNE	2,176,477		0	0
<b>TOTAL:</b>	<b>23,540,996</b>	<b>25,483,403</b>	<b>4,118,884</b>	<b>25,483,403</b>

**Regional Flood Control District  
Open Purchase Order Report  
Fund 286**

PO Number	Vendor	Original Amount	Amount Spent	Remaining
<b>Expense Class 7010</b>				
35759 001	Desert Decor	366.95	53.19	313.76
49090 001	Xerox	2,000.00	1,712.16	287.84
<b>Totals</b>		<b>2,366.95</b>	<b>1,765.35</b>	<b>601.60</b>
<b>Expense Class 7030</b>				
34563 001	Pro-Process	278.15	167.80	110.35
49372 001	AC Houston Lumber	500.00	32.00	468.00
<b>Totals</b>		<b>778.15</b>	<b>199.80</b>	<b>578.35</b>
<b>Expense Class 7060</b>				
75011 POR	ESRI Systems Inc	495.00	0.00	495.00
<b>Totals</b>		<b>495.00</b>	<b>0.00</b>	<b>495.00</b>
<b>Expense Class 7120</b>				
47929 003	Teachers Realty	87,744.80	86,437.08	1,307.72
47929 004	Teachers Realty	11,928.72	9,797.62	2,131.10
52013 001	Clark Place Garage	1,017.60	870.00	147.60
<b>Totals</b>		<b>100,691.12</b>	<b>97,104.70</b>	<b>3,586.42</b>
<b>Expense Class 7210</b>				
35530 002	G.C. Wallace	11,000.00	9,777.76	1,222.24
35531 001	Church Engineering	45,360.00	43,840.84	1,519.16
45684 001	Church Engineering	165,000.00	100,465.34	64,534.66
45684 002	Church Engineering	26,400.00	0.00	26,400.00
45856 001	Coe Van Loo	218,630.00	193,151.54	25,478.46
45856 002	Coe Van Loo	28,870.00	3,417.50	25,452.50
45965 001	Dames and Moore	58,372.48	24,699.74	33,672.74
51401	NTV Video Productions	1,000.00	17.00	983.00
55436 001	Merica Burch and Dickerson	55,000.00	20,860.16	34,139.84
55436 002	Merica Burch and Dickerson	40,000.00	7,545.00	32,455.00
55436 003	Merica Burch and Dickerson	20,000.00	315.56	19,684.44
55436 004	Merica Burch and Dickerson	20,000.00	0.00	20,000.00
55436 005	Merica Burch and Dickerson	15,500.00	1,170.00	14,330.00
55436 006	Merica Burch and Dickerson	5,000.00	0.00	5,000.00
55436 007	Merica Burch and Dickerson	1,000.00	480.00	520.00
55436 008	Merica Burch and Dickerson	400.00	50.00	350.00
55436 010	Merica Burch and Dickerson	22,900.00	0.00	22,900.00
56397 001	Montgomery Watson	24,860.00	7,018.33	17,841.67
56397 002	Montgomery Watson	49,830.00	8,606.58	41,223.42
56397 003	Montgomery Watson	26,050.00	4,664.00	21,386.00
56397 004	Montgomery Watson	48,450.00	20,021.05	28,428.95

**Regional Flood Control District  
Open Purchase Order Report  
Fund 286**

PO Number	Vendor	Original Amount	Amount Spent	Remaining
<b>Expense Class 7210</b>				
56397 005	Montgomery Watson	28,550.00	10,856.60	17,693.40
56397 006	Montgomery Watson	20,280.00	569.09	19,710.91
57446 001	Nimbus Engineers, Inc	131,779.00	7,870.73	123,908.27
57446 002	Nimbus Engineers, Inc	33,022.00	0.00	33,022.00
58604	Dames and Moore	9,970.00	7,295.20	2,674.80
74188 POR	Unknown Consultant	225,000.00	0.00	225,000.00
74189 POR	Unknown Consultant	225,000.00	0.00	225,000.00
	<b>Totals</b>	<b>1,557,223.48</b>	<b>472,692.02</b>	<b>1,084,531.46</b>
<b>Expense Class 7240</b>				
48869 001	Xerox	5,000.00	637.36	4,362.64
48869 002	Xerox	800.00	626.25	173.75
49274 002	Handar	2,000.00	1,618.93	381.07
57876 001	Oracle Corporation	3,402.00	0.00	3,402.00
	<b>Totals</b>	<b>11,202.00</b>	<b>2,882.54</b>	<b>8,319.46</b>
<b>Expense Class 7280</b>				
33489 001	Mercury Blueprint	1,934.18	357.92	1,576.2
36911 001	Nevada Photo Merchandising	424.07	0.00	424.07
74992 POR	Lodge Laser Graphics	984.47	0.00	984.47
	<b>Totals</b>	<b>3,342.72</b>	<b>357.92</b>	<b>2,984.80</b>
<b>Expense Class 7330</b>				
48557 001	Kavouras, Inc.	800.00	630.00	170.00
	<b>Totals</b>	<b>800.00</b>	<b>630.00</b>	<b>170.00</b>
	<b>Grand Totals</b>	<b>1,676,899.42</b>	<b>575,632.33</b>	<b>1,101,267.09</b>

REGIONAL FLOOD CONTROL DISTRICT  
 INTERLOCAL AGREEMENTS APPROVED  
 REGIONAL FLOOD CONTROL DISTRICT  
 FUND 286 - MAY 1993

PROJECT NUMBER	AGENDA ITEM	RFCD BOARD APPRVL DATE	SCOPE	FISCAL IMPACT
CLA07A92	3	4/14/94	1st SUPPLEMENTAL SLOAN CHANNEL	5,000,000
HEN03A91	10A	5/12/94	UNION PACIFIC RR	(32,926)

TOTAL TRANSFERS TO FUND 443 4,967,074

ILA'S APPROVED- FUNDS NOT YET TRANSFERRED

MOA02B92	4	6/9/94	LOGAN WASH 4TH SUPP	705,471
MOA02A89	3	6/9/94	LOGAN WASH THIRD SUPP	104,959
	8	6/9/94	MAINTENANCE WORK PROGRAM	(1,911,019)
				(1,100,588)

FUND 286 CONTRACTS AWARDED AND NOT YET ENCUMBERED/EXPENDED

PROF	25	1/14/93	WILL AND MUYS, DC COUNSEL	4,000.00
TOTAL				4,000.00

**Regional Flood Control District  
Monthly Expenditures Fund 286**

<b>Vendor</b>	<b>P.O. Number</b>	<b>Expense Class</b>	<b>Invoice Number</b>	<b>Invoice Date</b>	<b>Amount</b>
ASCE CONTINUING	none	7310	GWF94	04/15/94	35.00
AT&T	none	7140	0820023/3	03/03/94	114.20
ATT&T	none	7140	0208-030794	04/19/94	1,068.27
Benefits May 94	none	6000		/ /	16,601.03
CC Treasurer	none	7210	51612	05/01/94	32,184.00
CC Treasurer	none	7160	51016	04/27/94	58,094.00
CC Treasurer/Travel	none	7270	0323-GWF	04/15/94	100.00
CC Treasurer/Travel	none	7270	KLE-5/10	05/23/94	69.00
CC Treasurer/Travel	none	7270	GWF-5/17	05/25/94	14.42
CVL Consultants, Inc.	45856 001	7210	6389	04/30/94	15,462.29
Clark Place Garage	52013 002	7120	APR94	05/05/94	90.00
Clark Place Garage	52013 002	7120	JUN94	05/17/94	290.00
Clark Place Garage	52013 001	7120	JUN94	05/17/94	330.00
Desert Decor	35759 001	7010	59477	04/18/94	22.41
Desert Decor	35759 001	7010	59637	04/20/94	4.77
FEDERAL	none	7240	41680	04/15/94	108.00
Federal Express	none	7250	5-204-72948	04/13/94	11.50
Federal Express	none	7250	5-204-72948	04/13/94	48.50
Federal Express	none	7250	5-204-72948	04/13/94	15.50
GALE WM FRASER, II	none	7270	0323-GWF	04/15/94	27.11
HANDLERY - UNION	none	7270	051294-GWF	05/12/94	174.72
Handar	49274 002	7240	11699	04/11/94	303.22
Mercury Blueprint Supply	33489 001	7280	94-A-11132-104	04/13/94	2.70
Mercury Blueprint Supply	33489 001	7280	94-A-12587-104	04/25/94	138.00
Merica Burch and	55436 001	7210	31007	04/20/94	1,400.00
Merica Burch and	55436 001	7210	30934	03/31/94	730.04
Merica Burch and	55436 001	7210	30933	03/31/94	423.84
Merica Burch and	55436 002	7210	30937	03/31/94	185.00
Merica Burch and	55436 003	7210	30932	03/31/94	315.56
Merica Burch and	55436 005	7210	30935	03/31/94	70.00
Merica Burch and	55436 007	7210	30936	03/31/94	180.00
Merica Burch and	55436 008	7210	30938	03/31/94	50.00
Merica Burch and	55436 009	7210	30939	03/31/94	200.00
Montgomery Watson	56397 001	7210	NV2363	04/14/94	3,284.38
Montgomery Watson	56397 002	7210	NV2363	04/14/94	4,401.80
Montgomery Watson	56397 004	7210	NV2363	04/14/94	10,827.43
Montgomery Watson	56397 005	7210	NV2363	04/14/94	4,601.39
Montgomery Watson	56397 006	7210	NV2363	04/14/94	48.37
Salaries May 94	none	5000		/ /	51,158.45

06/09/94

**Regional Flood Control District  
Monthly Expenditures Fund 286**

<b>Vendor</b>	<b>P.O. Number</b>	<b>Expense Class</b>	<b>Invoice Number</b>	<b>Invoice Date</b>	<b>Amount</b>
Sarrett Office Supply	56824 001	7060	20168-0	04/07/94	205.00
Sprint Cellular	none	7140	MAY94-GWF	04/28/94	38.85
Sprint Cellular	none	7140	MAY94-OFC	04/28/94	22.23
Sprint Cellular	none	7140	MAY94-TES	04/28/94	42.84
Sprint Cellular	none	7140	7059-APR94	04/09/94	44.70
THE COBB GROUP	none	7310	2395073	04/15/94	79.00
Teachers Realty	47929 003	7120	JUN94-L	05/17/94	7,350.93
Teachers Realty	47929 004	7120	JUN94-E	05/17/94	970.23
U.S. Geological Society	51669	7210	4-4732-0030	04/28/94	112,500.00
Will and Muys	none	7212	MAR94	04/11/94	2,201.98
Xerox	48869 001	7240	041535328	04/14/94	234.65
				<b>Total</b>	<b>\$326,875.31</b>

**Regional Flood Control District  
Accounts Payable Fund 286**

Vendor	P.O. Number	Expense Class	Invoice Number	Invoice Date	Amount
ATT&T	none	7140	LD-2/8-3/7/94	04/19/94	1,068.27
CC Automotive	none	7240	50646	05/11/94	258.60
CC Automotive	none	7110	50646	05/11/94	668.53
CC Automotive	none	7110	50646	05/11/94	43.30
CC Central Supply	none	7010	51194	05/13/94	307.53
CC Mail	none	7250	51857	05/16/94	426.65
CC Printing	none	7280	51200	05/16/94	349.38
CC Printing	none	7280	51188	05/13/94	349.90
CC Printing	none	7280	51188	05/13/94	26.00
CC Printing	none	7280	51188	05/13/94	7.00
CC Treasurer/Travel	none	7270	RJG-5/22	06/07/94	200.00
CC Treasurer/Travel	none	7270	JLL-5/22	06/07/94	136.98
CC Treasurer/Travel	none	7270	GWF-5/18	06/07/94	98.85
CVL Consultants, Inc.	45856 001	7210	6833	05/29/94	11,440.00
CVL Consultants, Inc.	45856 001	7210	6833	05/29/94	9,521.53
Church Engineering	45684 001	7210	34991	04/13/94	8,804.82
Church Engineering	45684 001	7210	35186	05/13/94	1,057.50
Clark Place Garage	52013 001	7120	175-MAY	06/02/94	73.20
Clear Span Tents	none	7120	006037	04/23/94	45.00
Dames and Moore	58604	7210	109-01045	06/03/94	7,295.20
Dazey Travel	none	7270	90690	04/04/94	381.00
Dazey Travel	none	7270	92018	05/13/94	130.00
Dazey Travel	none	7270	92017	05/13/94	130.00
Dazey Travel	none	7270	91938	05/11/94	321.00
Dazey Travel	none	7270	90552	03/30/94	164.00
Dazey Travel	none	7270	90553	03/30/94	164.00
Dept. of Conservation	none	7310	829-GWF	05/16/94	20.00
El Mundo Newspaper	none	7280	3335	05/14/94	51.75
FOXPRO ADVISOR	none	7310	891010GUMIE301	04/12/94	49.00
Federal Express	none	7250	5-225-13340	05/11/94	22.50
Federal Express	none	7250	5-225-13340	05/11/94	22.50
J. MONTGOMERY	MPU-94	7210	NV2176	08/12/93	4,586.52
JOE GUMIENSKY	none	7265	SPRING94	06/02/94	252.50
Kavouras, Inc.	48557 001	7330	43672	05/07/94	210.00
LV Review Journal	none	7280	T3W17Z1	04/19/94	190.08
LV Review Journal	none	7280	T4N28ZE	05/15/94	69.96
LV Review Journal	none	7310	2272844-FY95	06/02/94	91.00
Las Vegas Sentinel Voice	none	7280	051294	05/12/94	71.50
Max Riggs Construction	none	7620	4Q93HEMNWY	04/25/94	-441.51
Max Riggs Construction	none	7620	1Q94HEMNWY	04/25/94	-1,786.76
Meadow Valley Contractors	none	7620	1Q942772-92	04/25/94	149.47
Mercury Blueprint Supply	33489 001	7280	94-A-256-1040	05/20/94	3.98
Merica Burch and Dickerson	55436 001	7210	31242	04/30/94	13,698.78
Merica Burch and Dickerson	55436 007	7210	31184	04/30/94	300.00
Merica Burch and Dickerson	55436 005	7210	31243	04/30/94	1,100.00
Merica Burch and Dickerson	55436 002	7210	31244	04/30/94	4,000.00
Montgomery Watson	56397 001	7210	NV2399	05/12/94	1,154.05
Montgomery Watson	56397 002	7210	NV2399	05/12/94	4,204.78
Montgomery Watson	56397 003	7210	NV2399	05/12/94	4,664.00

**Regional Flood Control District  
Accounts Payable Fund 286**

Vendor	P.O. Number	Expense Class	Invoice Number	Invoice Date	Amount
Montgomery Watson	56397 004	7210	NV2399	05/12/94	2,297.22
Montgomery Watson	56397 005	7210	NV2399	05/12/94	6,028.76
NEW HAVEN MFG CORP	none	7030	97575	04/27/94	23.95
NIMBUS ENGINEERS, INC.	57446 001	7210	9406-1	05/10/94	7,870.73
NTV Video Productions	51401	7210	2604	04/07/94	17.00
Pro-Process	34563 001	7030	17595	05/01/94	79.80
Progressive Contracting	none	7620	1Q943024-93	04/25/94	197.28
Progressive Contracting	none	7620	2Q943024-93	04/25/94	244.86
Progressive Contracting	none	7620	3Q943024-93	04/25/94	74.96
ROBERT GARZA	none	7270	RJG-5/22	06/07/94	38.71
Standard Batteries	57697 001	7030	41401	05/23/94	420.00
Will and Muys	none	7212	APR94	05/17/94	2,119.64
Xerox	49090 001	7010	152377599	04/25/94	227.00
Xerox	49090 001	7010	152391802	04/27/94	235.63
Xerox	57756 001	7010	152561091	05/18/94	678.00
Xerox	49090 001	7010	152561091	05/18/94	6.00
					\$96,711.88

REGIONAL FLOOD CONTROL DISTRICT  
 FUND 330 - FUND BALANCE REPORT  
 MAY 1994

BEGINNING FUND BALANCE		\$2,218,312
REVENUES:		
INTEREST INCOME	139	
TRANSFERS IN	0	
	<u>          </u>	139
EXPENSES/ACCRUALS:		
BANK OF AMERICA SERVICE CHARGE	0	
DEBT SERVICE PAYMENT	2,174,680	
	<u>          </u>	2,174,680
ENDING FUND 330 BALANCE		<u>          </u> \$43,771 =====

REGIONAL FLOOD CONTROL DISTRICT  
 FUND 443 - FUND BALANCE REPORT  
 MAY 1994

BEGINNING FUND BALANCE		\$27,409,335
REVENUES:		
TRANSFER IN FROM FUND 286	5,000,000	
RETURN OF FUNDS TO FUND 286	(32,926)	
	<hr/>	4,967,074
EXPENSES:		
9999 - CAPITAL IMPROVEMENT PROGRAM	(1,186,329)	
3560 - MAINTENANCE WORK PROGRAM	(30,849)	
	<hr/>	(1,217,178)
ENDING FUND BALANCE (FUND 443)		31,159,230
		=====
COMMITTED IMPACTS TO FUND BALANCE:		
ACCOUNTS PAYABLE	(832,967)	
	<hr/>	
TOTAL COMMITMENTS	(832,967)	(832,967)
FUND BALANCE (FUND 443)		30,326,263
		=====

REGIONAL FLOOD CONTROL DISTRICT  
 INTERLOCAL AGREEMENTS APPROVED  
 REGIONAL FLOOD CONTROL DISTRICT  
 FUND 443 - MAY 1994

PROJECT NUMBER	AGENDA ITEM	RFCD BOARD APPRVL DATE	SCOPE	FISCAL IMPACT
CLA07A92	3	4/14/94	1st SUPPLEMENTAL SLOAN CHANNEL	5,000,000
HEN03A91	10A	5/12/94	UNION PACIFIC RR	(32,926)
TOTAL TRANSFERS TO FUND 443				4,967,074

**Regional Flood Control District  
Monthly Expenses**

**Fund 443**

Project	P.O. Number	Vendor	Invoice Number	Invoice Date	Amount
HEN06A93	51673 001	CITY OF HENDERSON	021433	04/29/94	2,519.12
HEN04A91	31270 001	CITY OF HENDERSON	021438	04/29/94	71.28
HEN04A91	31270 002	CITY OF HENDERSON	021438	04/29/94	105.40
HEN04A91	31270 002	CITY OF HENDERSON	021438	04/29/94	395.72
HEN05A92	45981 002	CITY OF HENDERSON	021437	04/29/94	210.80
HEN04B93	45685 001	CITY OF HENDERSON	021435	04/29/94	337.96
LAS12A92	45967 002	CITY OF LAS VEGAS	10422	04/05/94	297,561.46
LAS02D92	45976 001	CITY OF LAS VEGAS	10483	04/30/94	162.40
LAS10B93	44355 001	CITY OF LAS VEGAS	10484	04/30/94	445.20
LAS10B93	44355 001	CITY OF LAS VEGAS	10484	04/30/94	514.47
LAS10B93	44355 001	CITY OF LAS VEGAS	10484	04/30/94	47,664.12
LAS10B93	44355 001	CITY OF LAS VEGAS	10484	04/30/94	6,599.10
LAS12A92	45967 001	CITY OF LAS VEGAS	10487	04/30/94	8,912.77
LAS04B90	18446	CITY OF LAS VEGAS	10488	04/30/94	600.00
LAS04B90	18446	CITY OF LAS VEGAS	10488	04/30/94	2,192.09
LAS09B91	29349	CITY OF LAS VEGAS	10491	04/30/94	1,240.70
LAS09B91	29349	CITY OF LAS VEGAS	10491	04/30/94	3,476.21
LAS13C93	57706 001	City of Las Vegas	10485	04/30/94	22.05
LAS13C93	57706 001	City of Las Vegas	10485	04/30/94	177.10
LAS13A92	55251 001	City of Las Vegas	10485	04/30/94	1,070.81
LAS06C93	55272 001	City of Las Vegas	10486	04/30/94	324.80
LAS09F93	55252 001	City of Las Vegas	10490	04/30/94	414.54
LAS09F93	55252 001	City of Las Vegas	10490	04/30/94	388.96
CLA07A92	47465 002	G.C. WALLACE	109310	10/27/93	57,234.16
CLA07A92	47465 002	G.C. WALLACE	119310	11/24/93	12,343.15
CLA07A92	47465 002	G.C. WALLACE	129310	12/22/93	4,408.77
CLA07A92	47465 002	G.C. WALLACE	194710	01/26/94	221.75
CLA07A92	47465 002	G.C. WALLACE	394710	03/24/94	414.40
CLA07A92	47465 002	G.C. WALLACE	993710	09/22/93	27,744.23
CLA04D93	52574 001	Meadow Valley	5-04D93	04/25/94	688,099.43
CLA05A91	44350 001	PROGRESSIVE	7-05A91	04/06/94	15,814.49
SEA01A88		TORTOISE HABITAT	LETTER	/ /	1,899.20
					\$1,183,586.64

**Regional Flood Control District  
Accounts Payable**

**Fund 443**

<b>Project</b>	<b>P.O Number</b>	<b>Vendor</b>	<b>Invoice Number</b>	<b>Invoice</b>	<b>Amount</b>
HEN06A93	51673 001	CITY OF HENDERSON	021667	05/18/94	1,506.76
HEN04B93	45685 001	CITY OF HENDERSON	021666	05/18/94	820.29
HEN04A91	31270 001	CITY OF HENDERSON	021665	05/18/94	374.22
HEN04A91	31270 002	CITY OF HENDERSON	021665	05/18/94	1,351.26
HEN05A92	45981 002	CITY OF HENDERSON	021663	05/18/94	447.95
LAS12A92	45967 002	CITY OF LAS VEGAS	10548	05/04/94	79,914.24
LAS02D92	45976 001	CITY OF LAS VEGAS	10630	05/31/94	40.60
LAS10B93	44355 001	CITY OF LAS VEGAS	10631	05/31/94	1,080.62
LAS12A92	45967 001	CITY OF LAS VEGAS	10634	05/31/94	5,931.52
LAS04B90	18446	CITY OF LAS VEGAS	10635	05/31/94	2,273.78
LAS11A92	48005 001	CITY OF LAS VEGAS	10637	05/31/94	40.60
LAS09B91	29349	CITY OF LAS VEGAS	10639	05/31/94	701.76
CLA04D93	999CMR	CM Reprographics	1819	05/17/94	20.09
LAS13A92	55251 001	City of Las Vegas	10632	05/31/94	317.81
LAS13C93	57706 001	City of Las Vegas	10632	05/31/94	42.06
LAS06C93	55272 001	City of Las Vegas	10633	05/31/94	121.80
LAS09F93	55252 001	City of Las Vegas	10638	05/31/94	757.18
LAS02F93	59048 001	City of Las Vegas	10543	05/04/94	200,027.81
NLV06B93	55271 001	City of North Las Vegas	AR3556	05/06/94	1,774.90
NLV06B93	55271 003	City of North Las Vegas	AR3583	05/17/94	13,830.65
NLV06B93	55271 003	City of North Las Vegas	AR3638	06/01/94	22,274.23
NLV06B93	55271 003	City of North Las Vegas	AR3638	06/01/94	29,285.56
NLV06B93	55271 003	City of North Las Vegas	AR3638	06/01/94	26,401.38
CLA04D93	53341 001	G.C. Wallace Engineers	593540	06/23/93	4,273.18
CLA04D93	53341 001	G.C. Wallace Engineers	793540	07/28/93	143.39
CLA04D93	53341 001	G.C. Wallace Engineers	893540	08/25/93	599.31
CLA04D93	53341 001	G.C. Wallace Engineers	194547	01/26/94	1,319.64
CLA04D93	53341 001	G.C. Wallace Engineers	294547	02/23/94	724.50
CLA04D93	52574 001	Meadow Valley	6-04D93	05/20/94	391,569.65
CLA05A91	44350 001	PROGRESSIVE	8-05A91-RETE	04/06/94	10,000.00
HEN04B93	44812	VTN	10-04B93	06/01/94	14,749.80
				<b>Total</b>	<b>\$812,716.55</b>

# Current Project Expense Summary

06/09/94

## **Fund 443**

### **Clark County**

**BUN01A90 Bunkerville Channel Windmill Wash** **Expiration Date 12/31/91**

**Interlocal Amount \$541,000**

**Interlocal Funding Allocation**

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
316,000	0	225,000	0	0	0

<b>Amount Spent by Category</b>	<b>Design</b>	<b>103,869.50</b>
	<b>ROW</b>	<b>54,298.17</b>

<b>Total Spent on Project</b>	<b>\$158,167.67</b>
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<b>Total Remaining</b>	<b>\$382,832.33</b>
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**CLA02E91 Rawhide Channel Mcleod to Mtn. Vista** **Expiration Date 07/01/92**

**Interlocal Amount \$180,000**

**Interlocal Funding Allocation**

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
0	0	180,000	0	0	0

<b>Amount Spent by Category</b>	<b>Design</b>	<b>126,020.60</b>
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<b>Total Spent on Project</b>	<b>\$126,020.60</b>
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<b>Total Remaining</b>	<b>\$53,979.40</b>
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**CLA03C90 Van Buskirk Channel Right-of-Way** **Expiration Date 07/01/93**

**Interlocal Amount \$3,575,000**

**Interlocal Funding Allocation**

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
3,575,000	0	0	0	0	0

<b>Amount Spent by Category</b>	<b>ROW</b>	<b>3,157,942.17</b>
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<b>Total Spent on Project</b>	<b>\$3,157,942.17</b>
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<b>Total Remaining</b>	<b>\$417,057.83</b>
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## Current Project Expense Summary

06/09/94

<b>CLA03D91</b>	<b>Van Buskirk System</b>	<b>Expiration Date</b>	<b>03/01/93</b>
<b>Interlocal Amount</b>		<b>\$850,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
<b>Con. Eng.</b>	<b>Other</b>		
30,000	0	820,000	0
0			
<b>Amount Spent by Category</b>		<b>Design</b>	<b>724,777.57</b>
		<b>ROW</b>	<b>10,105.83</b>
		<hr/>	
<b>Total Spent on Project</b>		<b>\$734,883.40</b>	
<b>Total Remaining</b>		<b>\$115,116.60</b>	

<b>CLA04C90</b>	<b>Flamingo Wash Brdgs. Paradise, Palos Verde</b>	<b>Expiration Date</b>	<b>07/01/93</b>
<b>Interlocal Amount</b>		<b>\$1,752,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
<b>Con. Eng.</b>	<b>Other</b>		
0	0	255,000	1,497,000
0			
<b>Amount Spent by Category</b>		<b>Construction</b>	<b>1,500,608.49</b>
		<b>Design</b>	<b>244,199.15</b>
		<hr/>	
<b>Total Spent on Project</b>		<b>\$1,744,807.64</b>	
<b>Total Remaining</b>		<b>\$7,192.36</b>	

<b>CLA04D93</b>	<b>Flamingo Wash Winnick Ave</b>	<b>Expiration Date</b>	<b>07/01/94</b>
<b>Interlocal Amount</b>		<b>\$3,000,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
<b>Con. Eng.</b>	<b>Other</b>		
0	0	0	2,700,000
300,000			
<b>Amount Spent by Category</b>		<b>Con. Eng.</b>	<b>14,730.11</b>
		<b>Construction</b>	<b>1,811,831.77</b>
		<hr/>	
<b>Total Spent on Project</b>		<b>\$1,826,561.88</b>	
<b>Total Remaining</b>		<b>\$1,173,438.12</b>	

## Current Project Expense Summary

06/09/94

CLA05A91 Duck Creek Channel Pachuca & Tomiyasu Expiration Date 10/01/93

Interlocal Amount \$855,000

Interlocal Funding Allocation

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
2,000	0	143,000	687,626	22,374	0

Amount Spent by Category	Con. Eng.	15,255.19
	Construction	646,973.02
	Design	124,590.39
	ROW	73.67

Total Spent on Project \$786,892.27

Total Remaining \$68,107.73

CLA06A91 Range Wash Detention Basin Facilities Expiration Date 12/31/93

Interlocal Amount \$480,000

Interlocal Funding Allocation

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
38,000	0	442,000	0	0	0

Amount Spent by Category	Design	430,372.93
	ROW	37,886.79

Total Spent on Project \$468,259.72

Total Remaining \$11,740.28

CLA07A92 Sloan Channel Expiration Date 02/15/95

Interlocal Amount \$5,400,000

Interlocal Funding Allocation

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
100,000	0	300,000	5,000,000	0	0

Amount Spent by Category	Construction	102,366.46
	Design	119,407.11

Total Spent on Project \$221,773.57

Total Remaining \$5,178,226.43

## Current Project Expense Summary

06/09/94

<b>CLA08A92</b>	Lower Duck Creek Detention Basin	Expiration Date	07/01/93
Interlocal Amount		\$300,000	
Interlocal Funding Allocation			
Right of Way	Predesign	Design	Construction
0	300,000	0	0
Amount Spent by Category		Predesign	176,804.12
		Total Spent on Project	<u>\$176,804.12</u>
		Total Remaining	\$123,195.88

<b>CLA08B93</b>	Lower Duck Creek Det. Basin	Expiration Date	11/01/94
Interlocal Amount		\$4,900,000	
Interlocal Funding Allocation			
Right of Way	Predesign	Design	Construction
4,900,000	0	0	0
Amount Spent by Category		ROW	4,814,318.76
		Total Spent on Project	<u>\$4,814,318.76</u>
		Total Remaining	\$85,681.24

<b>GSP01A88</b>	Goodsprings Flood Control Improvements	Expiration Date	12/31/9-
Interlocal Amount		\$99,000	
Interlocal Funding Allocation			
Right of Way	Predesign	Design	Construction
39,000	0	40,400	18,600
Amount Spent by Category		Design	32,979.50
		Other	972.00
		Total Spent on Project	<u>\$33,951.50</u>
		Total Remaining	\$65,048.50

## Current Project Expense Summary

06/09/94

LAU01A89 Laughlin Unnamed Wash Expiration Date 06/30/93

Interlocal Amount \$350,000

Interlocal Funding Allocation

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
48,000	0	302,000	0	0	0

Amount Spent by Category	Design	295,537.19
	ROW	54,160.58

Total Spent on Project \$349,697.77

Total Remaining \$302.23

LAU02A89 Laughlin Hiko Springs Expiration Date 12/31/90

Interlocal Amount \$370,000

Interlocal Funding Allocation

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
25,000	0	345,000	0	0	0

Amount Spent by Category	Design	340,246.80
	ROW	24,746.64

Total Spent on Project \$364,993.44

Total Remaining \$5,006.56

MOA01B89 Moapa Valley Muddy River West Levee Expiration Date 12/31/90

Interlocal Amount \$200,000

Interlocal Funding Allocation

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
50,000	0	150,000	0	0	0

Amount Spent by Category	Design	152,172.50
	ROW	26,439.47

Total Spent on Project \$178,611.97

Total Remaining \$21,388.03

## Current Project Expense Summary

06/09/94

**MOA02A89 Moapa Valley Logan & Beson Wash** **Expiration Date 10/01/94**

**Interlocal Amount \$235,040**

**Interlocal Funding Allocation**

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
25,276	0	187,000	0	0	22,764

<b>Amount Spent by Category</b>	<b>Design</b>	<b>184,682.57</b>
	<b>Other</b>	<b>22,764.14</b>
	<b>ROW</b>	<b>23,214.57</b>
		<b>230,661.28</b>
	<b>Total Spent on Project</b>	
	<b>Total Remaining</b>	<b>\$4,379.46</b>

**MOA02B92 Moapa Valley Logan Wash Construction** **Expiration Date 07/31/93**

**Interlocal Amount \$3,510,528**

**Interlocal Funding Allocation**

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
0	0	124,313	2,943,817	345,295	97,101

<b>Amount Spent by Category</b>	<b>Con. Eng.</b>	<b>331,738.54</b>
	<b>Construction</b>	<b>2,943,817.10</b>
	<b>Design</b>	<b>111,458.41</b>
	<b>Other</b>	<b>97,101.57</b>
		<b>3,484,115.62</b>
	<b>Total Spent on Project</b>	
	<b>Total Remaining</b>	<b>\$26,412.98</b>

**NEL01A88 Nelson Flood Control Improvements** **Expiration Date 12/31/89**

**Interlocal Amount \$70,000**

**Interlocal Funding Allocation**

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
3,000	0	9,000	58,000	0	0

<b>Amount Spent by Category</b>	<b>Design</b>	<b>2,962.20</b>
		<b>2,962.20</b>
	<b>Total Spent on Project</b>	
	<b>Total Remaining</b>	<b>\$67,037.80</b>

## Current Project Expense Summary

06/09/94

SEA01A88 Searchlight Flood Control Improvements Expiration Date 12/31/94

Interlocal Amount \$861,100

Interlocal Funding Allocation

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
38,300	0	50,000	690,000	67,300	15,500

Amount Spent by Category	Design	43,579.98
	Other	1,899.20
	ROW	6,700.00

Total Spent on Project \$52,179.18

Total Remaining \$808,920.82

### *Henderson*

HEN01A87 Pittman Wash Channel Expiration Date 03/31/93

Interlocal Amount \$937,000

Interlocal Funding Allocation

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
300,000	0	637,000	0	0	0

Amount Spent by Category	Design	513,315.44
	ROW	20,706.64

Total Spent on Project \$534,022.08

Total Remaining \$402,977.92

## Current Project Expense Summary

06/09/94

<b>HEN04A91</b>	<b>C-1 Channel System</b>	<b>Expiration Date</b>	<b>07/01/95</b>
<b>Interlocal Amount</b>		<b>\$1,050,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
250,000	0	800,000	0
		<b>Con. Eng.</b>	<b>Other</b>
		0	0
<b>Amount Spent by Category</b>		<b>Design</b>	<b>721,561.08</b>
		<b>ROW</b>	<b>8,411.69</b>
		<hr/>	
<b>Total Spent on Project</b>		<b>\$729,972.77</b>	
<b>Total Remaining</b>		<b>\$320,027.23</b>	

<b>HEN04B93</b>	<b>C1 Burkholder to Lake Mead Drive</b>	<b>Expiration Date</b>	<b>12/31/95</b>
<b>Interlocal Amount</b>		<b>\$200,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
0	0	200,000	0
		<b>Con. Eng.</b>	<b>Other</b>
		0	0
<b>Amount Spent by Category</b>		<b>Design</b>	<b>171,601.54</b>
		<hr/>	
<b>Total Spent on Project</b>		<b>\$171,601.54</b>	
<b>Total Remaining</b>		<b>\$28,398.46</b>	

<b>HEN05A92</b>	<b>Sunset Det Basin Collection &amp; Outfall</b>	<b>Expiration Date</b>	<b>07/01/93</b>
<b>Interlocal Amount</b>		<b>\$1,385,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
1,050,000	0	335,000	0
		<b>Con. Eng.</b>	<b>Other</b>
		0	0
<b>Amount Spent by Category</b>		<b>Design</b>	<b>77,603.37</b>
		<b>ROW</b>	<b>309.69</b>
		<hr/>	
<b>Total Spent on Project</b>		<b>\$77,913.06</b>	
<b>Total Remaining</b>		<b>\$1,307,086.94</b>	

## Current Project Expense Summary

06/09/94

<b>HEN06A93</b>	<b>Equestrian Drive Detention Basin</b>	<b>Expiration Date</b>	<b>12/31/95</b>
<b>Interlocal Amount</b>	<b>\$478,000</b>		
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
0	0	478,000	0
			<b>Con. Eng.</b>
			0
			<b>Other</b>
			0
<b>Amount Spent by Category</b>		<b>Design</b>	<b>153,513.71</b>
		<b>Total Spent on Project</b>	<b>\$153,513.71</b>
		<b>Total Remaining</b>	<b>\$324,486.29</b>

### *Las Vegas*

<b>LAS01A87</b>	<b>Angel Park Detention Basin Structure</b>	<b>Expiration Date</b>	<b>01/01/91</b>
<b>Interlocal Amount</b>	<b>\$400,300</b>		
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
500	2,200	51,900	345,700
			<b>Con. Eng.</b>
			0
			<b>Other</b>
			0
<b>Amount Spent by Category</b>		<b>Construction</b>	<b>345,695.00</b>
		<b>Design</b>	<b>44,676.73</b>
		<b>Predesign</b>	<b>1,747.50</b>
		<b>Total Spent on Project</b>	<b>\$392,119.23</b>
		<b>Total Remaining</b>	<b>\$8,180.77</b>

<b>LAS02A87</b>	<b>Buffalo Channel Angel Park Detention Basin</b>	<b>Expiration Date</b>	<b>12/31/93</b>
<b>Interlocal Amount</b>	<b>\$4,535,965</b>		
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
0	134,200	248,750	4,153,015
			<b>Con. Eng.</b>
			0
			<b>Other</b>
			0
<b>Amount Spent by Category</b>		<b>Construction</b>	<b>3,861,788.16</b>
		<b>Design</b>	<b>221,214.74</b>
		<b>Predesign</b>	<b>89,438.27</b>
		<b>Total Spent on Project</b>	<b>\$4,172,441.17</b>
		<b>Total Remaining</b>	<b>\$363,523.83</b>

## Current Project Expense Summary

06/09/94

**LAS02B91**    Buffalo Channel Summerlin to Vegas Drive    Expiration Date    01/31/94

Interlocal Amount    \$130,000

Interlocal Funding Allocation

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
0	0	130,000	0	0	0

Amount Spent by Category	Design	126,491.20
		126,491.20
	Total Spent on Project	\$126,491.20
	Total Remaining	\$3,508.80

**LAS02D92**    Buffalo Channel Design Doe Westcliff    Expiration Date    12/31/94

Interlocal Amount    \$93,000

Interlocal Funding Allocation

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
0	0	93,000	0	0	0

Amount Spent by Category	Design	84,175.72
		84,175.72
	Total Spent on Project	\$84,175.72
	Total Remaining	\$8,824.28

**LAS02F93**    Buffalo Channel Doe to Westcliff    Expiration Date    02/28/94

Interlocal Amount    \$2,045,000

Interlocal Funding Allocation

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
0	0	0	2,000,000	45,000	0

Amount Spent by Category	Construction	200,027.82
		200,027.82
	Total Spent on Project	\$200,027.82
	Total Remaining	\$1,844,972.18

## Current Project Expense Summary

06/09/94

<b>LAS03B89</b>	<b>Gowan Detention Basin and Outfall</b>	<b>Expiration Date</b>	<b>12/31/93</b>
<b>Interlocal Amount</b>		<b>\$5,401,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
8,000	0	728,000	4,392,375
			<b>Con. Eng.</b>
			<b>Other</b>
			215,000
			57,625
<b>Amount Spent by Category</b>		<b>Con. Eng.</b>	<b>201,104.36</b>
		<b>Construction</b>	<b>3,823,134.78</b>
		<b>Design</b>	<b>694,067.85</b>
		<b>Other</b>	<b>57,625.00</b>
		<b>ROW</b>	<b>3,753.72</b>
			<hr/>
<b>Total Spent on Project</b>			<b>\$4,779,685.71</b>
<b>Total Remaining</b>			<b>\$621,314.29</b>

<b>LAS04B90</b>	<b>Oakey Blvd. System</b>	<b>Expiration Date</b>	<b>01/31/94</b>
<b>Interlocal Amount</b>		<b>\$624,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
0	0	624,000	0
			<b>Con. Eng.</b>
			<b>Other</b>
			0
			0
<b>Amount Spent by Category</b>		<b>Design</b>	<b>603,655.70</b>
			<hr/>
<b>Total Spent on Project</b>			<b>\$603,655.70</b>
<b>Total Remaining</b>			<b>\$20,344.30</b>

<b>LAS06C93</b>	<b>NDOT Freeway Channel Sahara to Ivanhoe</b>	<b>Expiration Date</b>	<b>06/01/95</b>
<b>Interlocal Amount</b>		<b>\$710,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
0	0	0	700,000
			<b>Con. Eng.</b>
			<b>Other</b>
			10,000
			0
<b>Amount Spent by Category</b>		<b>Con. Eng.</b>	<b>1,605.38</b>
			<hr/>
<b>Total Spent on Project</b>			<b>\$1,605.38</b>
<b>Total Remaining</b>			<b>\$708,394.62</b>



## Current Project Expense Summary

06/09/94

<b>LAS10A91</b>	<b>Gowan North Channel</b>	<b>Expiration Date</b>	<b>12/31/94</b>
<b>Interlocal Amount</b>		<b>\$110,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
0	110,000	0	0
		<b>Con. Eng.</b>	<b>Other</b>
		0	0
<b>Amount Spent by Category</b>		<b>Predesign</b>	<b>110,000.00</b>
		<b>Total Spent on Project</b>	<b>\$110,000.00</b>
		<b>Total Remaining</b>	<b>\$0.00</b>

<b>LAS10B93</b>	<b>CAM 10 &amp; Lone Mt Detention Basin</b>	<b>Expiration Date</b>	<b>12/31/94</b>
<b>Interlocal Amount</b>		<b>\$200,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
0	200,000	0	0
		<b>Con. Eng.</b>	<b>Other</b>
		0	0
<b>Amount Spent by Category</b>		<b>Predesign</b>	<b>188,197.49</b>
		<b>Total Spent on Project</b>	<b>\$188,197.49</b>
		<b>Total Remaining</b>	<b>\$11,802.51</b>

<b>LAS11A92</b>	<b>Angel Park Peccole 1 Rampart Strom Drain</b>	<b>Expiration Date</b>	<b>12/31/94</b>
<b>Interlocal Amount</b>		<b>\$65,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
0	0	65,000	0
		<b>Con. Eng.</b>	<b>Other</b>
		0	0
<b>Amount Spent by Category</b>		<b>Design</b>	<b>42,164.98</b>
		<b>Total Spent on Project</b>	<b>\$42,164.98</b>
		<b>Total Remaining</b>	<b>\$22,835.02</b>

## Current Project Expense Summary

06/09/94

<b>LAS11B93</b>	<b>Rampart Storm Drain</b>	<b>Expiration Date</b>	<b>09/30/94</b>
<b>Interlocal Amount</b>		<b>\$200,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
0	0	0	185,000
			<b>Con. Eng.</b>
			15,000
			<b>Other</b>
			0
<b>Amount Spent by Category</b>			<b>0.00</b>
<b>Total Spent on Project</b>			<b>\$0.00</b>
<b>Total Remaining</b>			<b>\$200,000.00</b>

<b>LAS12A92</b>	<b>Alta Storm Drain</b>	<b>Expiration Date</b>	<b>06/30/94</b>
<b>Interlocal Amount</b>		<b>\$954,800</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
0	0	0	892,300
			<b>Con. Eng.</b>
			62,500
			<b>Other</b>
			0
<b>Amount Spent by Category</b>			<b>51,488.61</b>
			<b>798,428.81</b>
<b>Total Spent on Project</b>			<b>\$849,917.42</b>
<b>Total Remaining</b>			<b>\$104,882.58</b>

<b>LAS13A92</b>	<b>Cheyenne Channel Buffalo Gowan Detention</b>	<b>Expiration Date</b>	<b>12/31/94</b>
<b>Interlocal Amount</b>		<b>\$87,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
0	0	87,000	0
			<b>Con. Eng.</b>
			0
			<b>Other</b>
			0
<b>Amount Spent by Category</b>			<b>72,138.76</b>
<b>Total Spent on Project</b>			<b>\$72,138.76</b>
<b>Total Remaining</b>			<b>\$14,861.24</b>

## Current Project Expense Summary

06/09/94

<b>LAS13B94</b>	<b>Cheyenne Channel Crossings</b>	<b>Expiration Date</b>	<b>08/31/95</b>
<b>Interlocal Amount</b>		<b>\$709,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
0	0	0	709,000
<b>Amount Spent by Category</b>		<b>0.00</b>	
<b>Total Spent on Project</b>		<b>\$0.00</b>	
<b>Total Remaining</b>		<b>\$709,000.00</b>	

<b>LAS13C93</b>	<b>Cheyenne Channel - Buffalo to Gowan South</b>	<b>Expiration Date</b>	<b>03/31/95</b>
<b>Interlocal Amount</b>		<b>\$1,470,538</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
0	0	0	1,395,538
<b>Amount Spent by Category</b>		<b>Con. Eng.</b>	<b>241.21</b>
<b>Total Spent on Project</b>		<b>\$241.21</b>	
<b>Total Remaining</b>		<b>\$1,470,296.79</b>	

### ***North Las Vegas***

<b>NLV03C91</b>	<b>West Range Wash Diversion Dike</b>	<b>Expiration Date</b>	<b>07/01/92</b>
<b>Interlocal Amount</b>		<b>\$350,000</b>	
<b>Interlocal Funding Allocation</b>			
<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>
25,000	0	325,000	0
<b>Amount Spent by Category</b>		<b>Design</b>	<b>322,128.35</b>
		<b>ROW</b>	<b>17,210.36</b>
<b>Total Spent on Project</b>		<b>\$339,338.71</b>	
<b>Total Remaining</b>		<b>\$10,661.29</b>	



# Current Project Expense Summary

06/09/94

NLV06B93 Kyle Canyon Detention Basin Expiration Date 03/24/95

Interlocal Amount \$9,313,000

Interlocal Funding Allocation

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
0	0	400,000	8,143,000	670,000	100,000

Amount Spent by Category	Con. Eng.	112,929.64
	Other	32,541.18
		<hr/>
Total Spent on Project		\$145,470.82
Total Remaining		\$9,167,529.18

# Purchase Order Status Report

06/09/94

**Fund 443**

BUN01A90

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
12900	MARK GROUP	143,000.00	140,700.00	2,300.00
13950	CLARK COUNTY PW	10,000.00	7,938.17	2,061.83
20339	APPRASIAL SERVICES	9,400.00	9,400.00	0.00
30225	LEGAL PROCESS	129.50	129.50	0.00
Totals		<b>\$162,529.50</b>	<b>\$158,167.67</b>	<b>\$4,361.83</b>

CLA02E91

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
28143	CLARK COUNTY PW	97,160.62	89,003.73	8,156.89
28143 003	CLARK COUNTY PUBLIC	74,140.00	36,512.76	37,627.24
28845	SWIFT	433.80	433.80	0.00
46108 001	C M REPROGRAPHICS	426.20	70.31	355.89
Totals		<b>\$172,160.62</b>	<b>\$126,020.60</b>	<b>\$46,140.02</b>

CLA03C90

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
15157	CLARK COUNTY PW	15,000.00	15,000.00	0.00
19869	K.E. LAMB	10,850.00	10,850.00	0.00
23355	STEWART TITLE	130,505.20	130,505.20	0.00
25152	CLERK/COURT	1,020,500.00	1,020,500.00	0.00
26982	LAND TITLE	1,253,878.50	1,253,878.50	0.00
35	CLERK/COURT	94,500.00	94,500.00	0.00
36	NEVADA TITLE	632,321.00	632,321.00	0.00
54186 001	Clark County Public Works	1,500.00	387.47	1,112.53
Totals		<b>\$3,159,054.70</b>	<b>\$3,157,942.17</b>	<b>\$1,112.53</b>

CLA03D91

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
20	SWIFT	171.00	171.00	0.00
28145	DELTA ENGINEERING	77,250.00	67,366.80	9,883.20
28154	MEA	50,000.00	34,434.42	15,565.58
28155	PENTACORE	98,500.00	95,283.18	3,216.82
28156	CLARK COUNTY PW	50,000.00	50,805.63	-805.63
29354	SEA	175,265.00	146,845.95	28,419.05
30697 001	JMM	226,000.00	209,900.00	16,100.00
30697 002	J. MONTGOMERY	5,400.00	0.00	5,400.00
45987 001	VTN	2,957.78	2,955.18	2.60
45987 002	VTN	45,000.00	39,828.46	5,171.54
45987 003	VTN	22,304.14	13,632.75	8,671.39
49795 001	C M REPROGRAPHICS	317.04	317.04	0.00
49795 002	CM Reprographics	105.00	104.63	0.37
55	VTN	73,238.08	73,238.36	-0.2
Totals		<b>\$826,508.04</b>	<b>\$734,883.40</b>	<b>\$91,624.64</b>

# Purchase Order Status Report

06/09/94

CLA04C90

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
15156	CLARK COUNTY PW	186.82	186.82	0.00
15935	MEA	216,620.00	216,620.00	0.00
22635	MAX RIGGS	1,445,936.32	1,444,935.99	1,000.33
23856	CLARK COUNTY PW	33,584.36	27,392.33	6,192.03
30739	DONREY	55,672.50	55,672.50	0.00
Totals		\$1,752,000.00	\$1,744,807.64	\$7,192.36

CLA04D93

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
52574 001	Meadow Valley Contractors	2,495,329.75	1,811,831.77	683,497.98
52574 002	Meadow Valley Contractors	40,241.15	0.00	40,241.15
53341 001	G.C. Wallace Engineers	13,000.00	7,060.02	5,939.98
64	BUREAU OF	7,650.00	7,650.00	0.00
999CMR	CM Reprographics	20.09	20.09	0.00
Totals		\$2,556,240.99	\$1,826,561.88	\$729,679.11

CLA05A91

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
28875	CLARK COUNTY PW	5,140.00	5,140.00	0.00
28875 003	CC PUBLIC WORKS/PETTY	22,374.00	19,945.85	2,428.15
30740	HEFNER ENG	139,860.00	114,833.40	25,026.60
44350 001	PROGRESSIVE	687,626.00	646,973.02	40,652.98
Totals		\$855,000.00	\$786,892.27	\$68,107.73

CLA06A91

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
28883	CLARK COUNTY PW	10,875.00	9,129.72	1,745.28
30698	BOYLE	449,000.00	447,430.00	1,570.00
48002 001	APPRAISERS	20,125.00	11,700.00	8,425.00
Totals		\$480,000.00	\$468,259.72	\$11,740.28

CLA07A92

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
45986 001	CLARK COUNTY PW	99,438.88	320.39	99,118.49
47465 001	G.C. WALLACE	72,000.00	69,842.21	2,157.79
47465 002	G.C. WALLACE	201,000.00	151,049.97	49,950.03
57	CLARK COUNTY PW	561.00	561.00	0.00
Totals		\$372,999.88	\$221,773.57	\$151,226.31

# Purchase Order Status Report

06/09/94

**CLA08A92**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
45983 001	VTN	122,289.53	125,305.71	-3,016.18
45983 002	VTN	85,000.00	13,311.00	71,689.00
45985 001	CLARK COUNTY PW	25,000.00	226.94	24,773.06
49392 001	TIMOTHY R MORSE &	7,000.00	7,000.00	0.00
54175 001	KENNETH E LAMB &	8,000.00	8,000.00	0.00
55746 001	Timothy R Morse & Assoc	250.00	250.00	0.00
58	CLARK COUNTY PW	0.00	0.00	0.00
62	VTN	22,710.47	22,710.47	0.00
<b>Totals</b>		<b>\$270,250.00</b>	<b>\$176,804.12</b>	<b>\$93,445.88</b>

**CLA08B93**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
53551 001	UNITED TITLE OF NEVADA	2,100,000.00	2,100,000.00	0.00
54210 001	UNITED TITLE COMPANY	306,390.00	306,390.00	0.00
56328 001	Timothy R Morse & Assoc	350.00	350.00	0.00
56454 001	UNITED TITLE COMPANY	1,200,000.00	1,200,000.00	0.00
56454 002	UNITED TITLE COMPANY	2,815.00	2,815.00	0.00
56454 003	UNITED TITLE COMPANY	875.00	875.00	0.00
57705 001	FIDELITY NATIONAL TITLE	1,200,000.00	1,200,000.00	0.00
57705 002	FIDELITY NATIONAL TITLE	2,820.00	2,820.00	0.00
57705 003	FIDELITY NATIONAL TITLE	1,068.76	1,068.76	0.00
<b>Totals</b>		<b>\$4,814,318.76</b>	<b>\$4,814,318.76</b>	<b>\$0.00</b>

**GSP01A88**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
29342	GC WALLACE	32,980.00	26,122.27	6,857.73
74273	CLARK COUNTY PW	13,000.00	6,857.23	6,142.77
ENVIR 3	TORTOISE HABITAT FUND	972.00	972.00	0.00
<b>Totals</b>		<b>\$46,952.00</b>	<b>\$33,951.50</b>	<b>\$13,000.50</b>

**HEN01A87**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
19837	POGGEMEYER	240,000.00	232,161.96	7,838.04
65831	CITY OF HENDERSON	562,225.00	292,085.12	270,139.88
67490	TRANSMAP	9,775.00	9,775.00	0.00
<b>Totals</b>		<b>\$812,000.00</b>	<b>\$534,022.08</b>	<b>\$277,977.92</b>

# Purchase Order Status Report

06/09/94

HEN03A91

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
45979 002	CITY OF HENDERSON	13,709.57	0.00	13,709.57
Totals		\$13,709.57	\$0.00	\$13,709.57

HEN04A91

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
31268 001	VTN	540,000.00	520,220.84	19,779.16
31268 002	VTN-Nevada	204,400.00	177,930.77	26,469.23
31270 001	CITY OF HENDERSON	60,000.00	28,552.68	31,447.32
31270 002	CITY OF HENDERSON	45,600.00	3,268.48	42,331.52
Totals		\$850,000.00	\$729,972.77	\$120,027.23

HEN04B93

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
44812	VTN	170,000.00	169,962.45	37.55
45685 001	CITY OF HENDERSON	30,000.00	1,639.09	28,360.91
Totals		\$200,000.00	\$171,601.54	\$28,398.46

HEN05A92

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
45980 001	VTN	90,749.39	16,461.11	74,288.28
45981 001	CITY OF HENDERSON	12,118.61	0.00	12,118.61
45981 002	CITY OF HENDERSON	33,408.56	4,478.51	28,930.05
53	VTN	52,500.61	52,500.61	0.00
54	CITY OF HENDERSON	4,900.09	4,472.83	427.26
Totals		\$193,677.26	\$77,913.06	\$115,764.20

HEN06A93

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
51673 001	CITY OF HENDERSON	50,000.00	15,846.55	34,153.45
51673 002	City of Henderson	98,000.00	0.00	98,000.00
53476 001	Poggemeyer	330,000.00	137,667.16	192,332.84
Totals		\$478,000.00	\$153,513.71	\$324,486.29

LAS01A87

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
19838	CITY OF LAS VEGAS	354,517.85	346,939.58	7,578.27
65883	G.C. WALLACE	45,432.15	44,829.65	602.50
66871	CITY OF LAS VEGAS	350.00	350.00	0.00
Totals		\$400,300.00	\$392,119.23	\$8,180.77

# Purchase Order Status Report

06/09/94

**LAS02A87**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
19873 001	G.C. WALLACE	5,000.00	0.00	5,000.00
4568	KJC	4,000.00	4,000.00	0.00
65834 001	G.C. WALLACE	82,399.82	82,399.92	-0.10
65834 002	G.C. Wallace Engineers	129,812.03	129,812.03	0.00
67139 001	CITY OF LAS VEGAS	4,157,015.00	3,861,788.16	295,226.84
67139 002	City of Las Vegas	105,937.97	87,402.71	18,535.26
67139 003	City of Las Vegas	51,800.18	7,038.35	44,761.83
<b>Totals</b>		<b>\$4,535,965.00</b>	<b>\$4,172,441.17</b>	<b>\$363,523.83</b>

**LAS02B91**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
45974 001	CITY OF LAS VEGAS	4,062.42	553.62	3,508.80
5	CITY OF LAS VEGAS	125,937.58	125,937.58	0.00
<b>Totals</b>		<b>\$130,000.00</b>	<b>\$126,491.20</b>	<b>\$3,508.80</b>

**LAS02C91**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
45957 001	CITY OF LAS VEGAS	0.00	0.00	0.00
45957 002	CITY OF LAS VEGAS	0.00	0.00	0.00
<b>Totals</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

**LAS02D92**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
45976 001	CITY OF LAS VEGAS	90,143.67	81,319.39	8,824.28
51	CITY OF LAS VEGAS	2,856.33	2,856.33	0.00
<b>Totals</b>		<b>\$93,000.00</b>	<b>\$84,175.72</b>	<b>\$8,824.28</b>

**LAS02F93**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
59048 001	City of Las Vegas	1,605,827.50	200,027.82	1,405,799.68
59048 002	City of Las Vegas	394,172.50	0.00	394,172.50
59048 003	City of Las Vegas	37,000.00	0.00	37,000.00
59048 004	City of Las Vegas	8,000.00	0.00	8,000.00
<b>Totals</b>		<b>\$2,045,000.00</b>	<b>\$200,027.82</b>	<b>\$1,844,972.18</b>

# Purchase Order Status Report

06/09/94

LAS03B89

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
16819	CITY OF LAS VEGAS	53,774.00	27,594.00	26,180.00
29345	CITY OF LAS VEGAS	57,625.00	55,125.00	2,500.00
3	CITY OF LAS VEGAS	3,930,247.01	3,915,269.30	14,977.71
45971 001	CITY OF LAS VEGAS	603,079.42	95,221.86	507,857.56
45971 002	CITY OF LAS VEGAS	26,403.57	15,249.55	11,154.02
5396	CITY OF LAS VEGAS	2,500.00	2,500.00	0.00
5435	POGGEMEYER	668,726.00	668,726.00	0.00
Totals		\$5,342,355.00	\$4,779,685.71	\$562,669.29

LAS04B90

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
14229	BOYLE ENGINEERING	494,908.00	494,908.00	0.00
18446	CITY OF LAS VEGAS	129,092.00	108,747.70	20,344.30
Totals		\$624,000.00	\$603,655.70	\$20,344.30

LAS06C93

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
55272 001	City of Las Vegas	10,000.00	1,605.38	8,394.62
Totals		\$10,000.00	\$1,605.38	\$8,394.62

LAS09B91

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
29349	CITY OF LAS VEGAS	471,000.00	362,781.91	108,218.09
Totals		\$471,000.00	\$362,781.91	\$108,218.09

LAS09D92

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
45973 001	CITY OF LAS VEGAS	580,058.36	470,741.80	109,316.56
45973 002	CITY OF LAS VEGAS	635,350.48	0.00	635,350.48
45973 003	CITY OF LAS VEGAS	240,091.09	141,938.24	98,152.85
47	CITY OF LAS VEGAS	981,500.07	981,500.01	0.06
Totals		\$2,437,000.00	\$1,594,180.05	\$842,819.95

LAS09F93

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
55252 001	City of Las Vegas	270,000.00	4,770.78	265,229.22
Totals		\$270,000.00	\$4,770.78	\$265,229.22

## Purchase Order Status Report

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**LAS10A91**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
30080	CITY OF LAS VEGAS	110,000.00	110,000.00	0.00
Totals		\$110,000.00	\$110,000.00	\$0.00

**LAS10B93**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
44355 001	CITY OF LAS VEGAS	200,000.00	188,197.49	11,802.51
Totals		\$200,000.00	\$188,197.49	\$11,802.51

**LAS11A92**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
48005 001	CITY OF LAS VEGAS	64,118.78	41,283.76	22,835.02
50	CITY OF LAS VEGAS	881.22	881.22	0.00
Totals		\$65,000.00	\$42,164.98	\$22,835.02

**LAS12A92**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
45967 001	CITY OF LAS VEGAS	62,500.00	51,488.61	11,011.39
45967 002	CITY OF LAS VEGAS	892,300.00	798,428.81	93,871.19
Totals		\$954,800.00	\$849,917.42	\$104,882.58

**LAS13A92**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
45970 001	CITY OF LAS VEGAS	66,624.00	66,624.00	0.00
52	CITY OF LAS VEGAS	376.00	376.00	0.00
55251 001	City of Las Vegas	20,000.00	5,138.76	14,861.24
Totals		\$87,000.00	\$72,138.76	\$14,861.24

**LAS13B94**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
57708 001	NW CHEYENNE JOINT	709,000.00	0.00	709,000.00
Totals		\$709,000.00	\$0.00	\$709,000.00

**LAS13C93**

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
57706 001	City of Las Vegas	3,096.00	241.21	2,854.79
57932 001	Progressive Contracting	1,112,144.51	0.00	1,112,144.51
57933 001	Church Engineering	71,904.00	0.00	71,904.00
Totals		\$1,187,144.51	\$241.21	\$1,186,903.30

# Purchase Order Status Report

06/09/94

LAU01A89

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
12388	SIMONS LI	314,293.96	314,174.07	119.89
31264	ACQUISITIO	21,600.00	21,600.00	0.00
3205	CLARK COUNTY PW	14,000.00	13,817.66	182.34
6051	REVIEW JOURNAL	106.04	106.04	0.00
<b>Totals</b>		<b>\$350,000.00</b>	<b>\$349,697.77</b>	<b>\$302.23</b>

LAU02A89

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
12386	SIMONS LI	47,750.00	47,750.00	0.00
15744	BOYLE ENGINEERING	315,730.06	315,730.06	0.00
15745	CLARK COUNTY PW	936.79	936.79	0.00
5410	REVIEW JOURNAL	106.04	106.04	0.00
57792 001	DAMES & MOORE	4,000.00	0.00	4,000.00
57792 002	DAMES & MOORE	1,000.00	0.00	1,000.00
6050	CLARK COUNTY PW	470.55	470.55	0.00
<b>Totals</b>		<b>\$369,993.44</b>	<b>\$364,993.44</b>	<b>\$5,000.00</b>

MOA01B89

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
1502	CLARK COUNTY PW	10,000.00	8,082.57	1,917.43
2619	REVIEW JOURNAL	43.00	43.00	0.00
9166	THE MARK GROUP	180,000.00	170,486.40	9,513.60
<b>Totals</b>		<b>\$190,043.00</b>	<b>\$178,611.97</b>	<b>\$11,431.03</b>

MOA02A89

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
21650	DAMES & MOORE	209,960.00	209,960.00	0.00
25132	APPRAISERS	300.00	300.00	0.00
2791	CLARK COUNTY PW	39,933.96	8,810.85	31,123.11
28882	UPRR	600.00	600.00	0.00
30013	Clerk of the Court	58,560.00	0.00	58,560.00
33 001	Clark County Public Works	270.00	270.00	0.00
45	NEVADA TITLE COMPANY	4,938.00	4,938.00	0.00
6073	REVIEW JOURNAL	106.04	106.04	0.00
66666 001	Dames and Moore	5,676.39	5,676.39	0.00
<b>Totals</b>		<b>\$320,344.39</b>	<b>\$230,661.28</b>	<b>\$89,683.11</b>

# Purchase Order Status Report

06/09/94

MOA02B92

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
1001	MVC	2,473,729.46	2,473,729.46	0.00
33	CLARK COUNTY PW	65,478.00	17,768.54	47,709.46
45982 001	GREINER	30,809.99	11,053.10	19,756.89
45984 001	MVC	115,400.54	47,961.83	67,438.71
49570 001	DAMES & MOORE	32,297.00	32,297.00	0.00
49570 002	DAMES & MOORE	6,293.00	6,293.00	0.00
6	GREINER	311,093.01	311,093.01	0.00
66666	DAMES & MOORE	254,323.61	124,323.61	130,000.00
99999	RON WILLIAMS	436,815.34	422,125.81	14,689.53
Totals		\$3,726,239.95	\$3,446,645.36	\$279,594.59

NEL01A88

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
74275	CLARK COUNTY PW	12,000.00	2,962.20	9,037.80
Totals		\$12,000.00	\$2,962.20	\$9,037.80

NLV03C91

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
23137	CITY OF N. LAS VEGAS	350,000.00	339,338.71	10,661.29
Totals		\$350,000.00	\$339,338.71	\$10,661.29

NLV04A89

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
18666	LV PAVING	11,665,198.00	11,645,073.00	20,125.00
3207	CITY OF N. LAS VEGAS	360,000.00	360,000.00	0.00
3213	CITY OF N. LAS VEGAS	619,817.52	619,817.52	0.00
38352	CITY OF N. LAS VEGAS	106,117.64	99,288.04	6,829.60
47464 001	LV PAVING	420,071.50	401,097.50	18,974.00
99998	LV PAVING	248,296.50	248,296.50	0.00
Totals		\$13,419,501.16	\$13,373,572.56	\$45,928.60

NLV05A89

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
7776	CITY OF N. LAS VEGAS	1,650,000.00	1,595,142.36	54,857.64
Totals		\$1,650,000.00	\$1,595,142.36	\$54,857.64

# Purchase Order Status Report

06/09/94

NLV06A91

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
26070	CITY OF N. LAS VEGAS	450,000.00	450,000.00	0.00
48872 001	CITY OF N. LAS VEGAS	125,237.22	52,048.42	73,188.80
59	CITY OF N LAS VEGAS	30,762.78	98,895.49	-68,132.71
Totals		\$606,000.00	\$600,943.91	\$5,056.09

NLV06B93

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
55271 001	City of North Las Vegas	5,000.00	3,559.75	1,440.25
55271 002	City of North Las Vegas	95,000.00	13,203.18	81,796.82
55271 003	City of North Las Vegas	652,000.00	109,369.89	542,630.11
55673 002	American Asphalt	7,790,617.80	0.00	7,790,617.80
ENVIR 2	TORTOISE FUND	19,338.00	19,338.00	0.00
Totals		\$8,561,955.80	\$145,470.82	\$8,416,484.98

SEA01A88

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
29343 001	GC WALLACE	35,500.00	34,056.14	1,443.86
29343 002	G.C. WALLACE	1,240.00	0.00	1,240.00
48918 001	DUNN & ASSOCIATES	6,000.00	6,000.00	0.00
48918 002	DUNN & ASSOCIATES	5,000.00	500.00	4,500.00
52896 001	CHARLES & PHYLLIS	200.00	200.00	0.00
74247	CLARK COUNTY PW	22,300.00	9,523.84	12,776.16
Totals		\$70,240.00	\$50,279.98	\$19,960.02
Fund Totals		\$67,313,283.57	\$50,180,321.35	\$17,132,962.22

**Regional Flood Control District  
Maintenance Work Plan Status Report**

**Boulder City**

Facility Name	FY 93-94 Budget	Rolled Amounts	Total Budget	Amount Spent	Amount Remaining
BC01 Hemenway Wash	59,400	0	59,400	32,592	26,807
BC02 Airport Channel - BC	6,200	0	6,200	1,641	4,558
BC03 Georgia Channel	12,200	0	12,200	2,735	9,464
BC04 Buchanan Channel	16,600	66,000	82,600	81,897	702
BC05 Bootleg Canyon	5,000	0	5,000	39	4,960
BC06 Gingerwood Wash	4,400	0	4,400	1,312	3,087
BC07 Cemetery Wash	2,500	0	2,500	39	2,460
	<b>106,300</b>	<b>66,000</b>	<b>172,300</b>	<b>120,259</b>	<b>52,040</b>

**Clark County**

Facility Name	FY 93-94 Budget	Rolled Amounts	Total Budget	Amount Spent	Amount Remaining
CC01 Flamingo Wash	281,000	62,966	343,966	104,551	239,414
CC02 Las Vegas Wash	41,250	72,321	113,571	87,397	26,174
CC03 Duck Creek - CC	89,500	6,385	95,885	35,989	59,896
CC04 Sloan Channel	266,000	1,763	267,763	33,444	234,319
CC05 LV Range Wash	87,250	114	100,364	15,734	84,629
CC06 Tropicana Wash	7,000	158	7,158	1,511	5,646
CC07 Airport Channel -CC	5,950	0	5,950	737	5,212
CC08 Monson Channel	12,250	0	12,250	4,692	7,557
CC09 Rawhide Channel	9,500	431	9,931	3,505	6,426
CC10 Van Buskirk Channel	11,500	130	11,630	630	11
CC11 Flamingo Wash North Fork	18,250	0	18,250	1,746	16,503
CC12 Detention Basins	7,500	150	7,650	150	7,500
CC13 RFCD Maint Program	45,000	14,561	59,561	32,733	26,828
CC14 Laughlin Washes	230,500	4,660	222,160	10,816	211,343
CC15 Overton Town Wash	7,500	3,457	10,957	8,288	2,668
CC16 Blue Diamond Wash	1,300	0	1,300	0	1,300
	<b>1,121,250</b>	<b>167,102</b>	<b>1,288,352</b>	<b>341,930</b>	<b>946,421</b>

**Henderson**

Facility Name	FY 93-94 Budget	Rolled Amounts	Total Budget	Amount Spent	Amount Remaining
HE01 C-1 Channel	27,324	0	27,324	2,310	25,014
HE02 Greenway	8,225	0	8,225	495	7,730
HE03 Van Wagenen	11,163	0	11,163	913	10,250
HE04 Gibson	18,387	0	18,387	913	17,474
HE05 Lower Pittman	16,067	0	16,067	1,342	14,725
HE06 Upper Pittman	48,148	0	48,148	2,508	45,640
HE07 UPRR	10,073	0	10,073	792	9,281
HE08 Sandwedge	9,830	0	9,830	671	9,159
HE09 Whitney Ranch	16,049	0	16,049	440	15,609
HE10 Duck Creek - Henderson	11,816	0	11,816	616	11,200
	<b>177,082</b>	<b>0</b>	<b>177,082</b>	<b>11,000</b>	<b>166,082</b>

**Regional Flood Control District  
Maintenance Work Plan Status Report**

**Las Vegas**

Facility Name	FY 93-94 Budget	Rolled Amounts	Total Budget	Amount Spent	Amount Remaining
LV01 LV Wash, Charleston to Owens	248,000	6,533	254,533	6,533	248,000
LV02 Washington Avenue Channel	41,000	0	41,000	0	41,000
LV03 Meadows Det Basin & Channel	16,000	0	16,000	0	16,000
LV04 Expressway Chnl, Rancho to MLK	6,000	0	6,000	0	6,000
LV05 Angel Pk Det Basin (South Half)	9,000	335	9,335	335	9,000
LV06 Angel Pk Outfall & Buffalo Channel	20,000	0	20,000	0	20,000
LV07 Gowan Det Basins	49,000	0	49,000	0	49,000
LV08 Gowan Outfall, DB to Decatur	7,000	0	7,000	0	7,000
LV09 Cedar Ave Chnl, Pecos to LV Wash	15,000	0	15,000	0	15,000
LV10 Oakey Det Basin	9,500	0	9,500	0	9,500
LV11 Oakey DB Collection Sys & Outfall	11,000	0	11,000	0	11,000
	<b>431,500</b>	<b>6,868</b>	<b>438,368</b>	<b>6,868</b>	<b>431,500</b>

**Mesquite**

Facility Name	FY 93-94 Budget	Rolled Amounts	Total Budget	Amount Spent	Amount Remaining
ME01 Mesquite Town Wash	14,753	0	14,753	3,827	10,925
ME02 Abbott Wash Channel	17,903	4,107	22,010	8,759	13,250
ME03 Mesquite Blvd Bridge	1,200	0	1,200	0	1,200
ME04 Town Wash Det Basin	5,838	0	5,838	0	5,838
ME05 Mesquite Blvd Storm Sewer	5,800	0	5,800	0	5,800
	<b>45,494</b>	<b>4,107</b>	<b>49,601</b>	<b>12,586</b>	<b>37,014</b>

**North Las Vegas**

Facility Name	FY 93-94 Budget	Rolled Amounts	Total Budget	Amount Spent	Amount Remaining
NL01 LV Wash North Reach	12,855	0	12,855	9,280	3,575
NL02 Las Vegas Wash	3,660	0	3,660	3,660	0
NL03 No Trib of NW Tribs of LV Wash	37,235	0	47,235	30,382	16,853
NL04 LV Range Wash-West Branch	4,885	0	4,885	1,520	3,365
NL05 No Las Vegas Det Basin	21,780	0	11,780	787	10,993
NL06 Gowan Outfall	4,890	0	4,890	1,468	3,422
NL07 Carey Ave/W Lake Mead Det Basin	11,800	0	11,800	1,314	10,486
NL08 Craig Rd RCB Bridges	690	0	690	651	39
NL09 Cheyenne Ave RCB Bridges	230	0	230	230	0
	<b>98,025</b>	<b>0</b>	<b>98,025</b>	<b>49,292</b>	<b>48,733</b>

	FY 93-94 Budget	Rolled Amounts	Total Budget	Amount Spent	Amount Remaining
<b>Program Totals</b>	<b>1,979,651</b>	<b>\$244,078</b>	<b>\$2,223,729</b>	<b>\$541,937</b>	<b>1,681,791</b>

**Regional Flood Control District  
Open Purchase Order Report  
Maintenance Work Program**

***Boulder City***

PO Number	Vendor Name	Orginial Amount	Amount Spent	Remaining
51470 001	ACME UNDERGROUND	7,502.00	7,502.00	0.00
51470 002	ACME UNDERGROUND	1,511.50	1,511.50	0.00
53718 001	BOULDER CITY	97,286.50	28,240.86	69,045.64
Entity Totals		106,300.00	37,254.36	69,045.64

***Clark County***

PO Number	Vendor Name	Orginial Amount	Amount Spent	Remaining
44974 001	CC SOCIAL SERVICE	2,650.00	0.00	2,650.00
45030 001	AGRICHEM INDUSTRIES	11,137.50	0.00	11,137.50
45708 001	CLARK COUNTY PUBLIC	26,000.00	15,702.35	10,297.65
45712	CLARK COUNTY PUBLIC	68,455.17	11,875.48	56,579.69
45714 001	CLARK COUNTY PUBLIC	5,500.00	1,655.01	3,844.99
45964 001	CLARK COUNTY PUBLIC	10,000.00	0.00	10,000.00
49111 001	HELENA CHEMICALS	2,327.00	0.00	2,327.00
49456 012	HELENA CHEMICALS	8,000.00	7,800.50	199.50
49459 012	INTERMTN FARM	7,500.00	6,851.25	648.75
49571 031	CLARK COUNTY PUBLIC	113,000.00	113,000.00	0.00
49571 032	Clark County Public	151,650.00	4,764.26	146,885.74
52219 001	TARGET SPECIALTY	1,168.50	1,168.50	0.00
52230 001	HELENA CHEMICALS	10,000.00	10,000.00	0.00
52725 001	KLEINFELDER, INC.	1,074.00	1,074.00	0.00
53508 001	JAKE'S WIRE ROPE &	2,000.00	2,000.00	0.00
53508 002	JAKE'S WIRE ROPE &	200.00	200.00	0.00
54059 001	CM Reprographics	490.00	41.85	448.15
54059 002	CM Reprographics	500.00	0.00	500.00
54059 003	CM Reprographics	500.00	0.00	500.00
55625 001	Agrichem Industries	11,730.60	11,730.60	0.00
55766 001	UNITED AGRI	10,750.00	10,167.50	582.50
56162 001	Max Riggs Construction	282,575.00	20,250.00	262,325.00
56652 001	Sherwin Williams	2,950.00	0.00	2,950.00
56795 001	CC TREASURER/ADMIN	1,850.00	0.00	1,850.00
57347 001	American Fence	5,500.00	0.00	5,500.00
57440 001	WESLEY CORPORATION	95,416.02	0.00	95,416.02

**Regional Flood Control District  
Open Purchase Order Report  
Maintenance Work Program**

***Clark County***

PO Number	Vendor Name	Orginal Amount	Amount Spent	Remaining
58605 001	KACCEL INC.	3,000.00	0.00	3,000.00
Entity Totals		835,923.79	218,281.30	617,642.49

***Henderson***

PO Number	Vendor Name	Orginal Amount	Amount Spent	Remaining
52068 001	CASHMAN EQUIPMENT	20,000.00	11,000.00	9,000.00
57934 001	CITY OF HENDERSON	157,082.00	0.00	157,082.00
Entity Totals		177,082.00	11,000.00	166,082.00

***Las Vegas***

PO Number	Vendor Name	Orginal Amount	Amount Spent	Remaining
57707 001	City of Las Vegas	253,000.00	0.00	253,000.00
57707 002	City of Las Vegas	15,000.00	0.00	15,000.00
Entity Totals		268,000.00	0.00	268,000.00

***Mesquite***

PO Number	Vendor Name	Orginal Amount	Amount Spent	Remaining
53414 001	CITY OF MESQUITE	45,493.00	8,479.08	37,013.92
Entity Totals		45,493.00	8,479.08	37,013.92

***North Las Vegas***

PO Number	Vendor Name	Orginal Amount	Amount Spent	Remaining
52083 001	City of North Las Vegas	98,025.00	49,292.00	48,733.00
Entity Totals		98,025.00	49,292.00	48,733.00

**Regional Flood District  
Monthly Expenses  
Maintenance Work Program**

Vendor	Ponumber	Facility	Invoice Number	Invoice Date	Amount
UNITED AGRI PRODUCTS	55766 001	CC01	1204767	03/25/94	490.00
CLARK COUNTY PUBLIC	49571 031	CC01	50382	04/25/94	1,209.63
CLARK COUNTY PUBLIC	49571 031	CC01	50382	04/25/94	3,927.93
CLARK COUNTY PUBLIC	49571 031	CC01	50382	04/25/94	5,959.39
CLARK COUNTY PUBLIC	49571 031	CC02	50382	04/25/94	813.86
CLARK COUNTY PUBLIC	49571 031	CC03	50382	04/25/94	502.70
CLARK COUNTY PUBLIC	49571 031	CC03	50382	04/25/94	1,446.02
CLARK COUNTY PUBLIC	49571 031	CC04	50382	04/25/94	111.71
CLARK COUNTY PUBLIC	49571 031	CC04	50382	04/25/94	241.43
CLARK COUNTY PUBLIC	49571 031	CC05	50382	04/25/94	405.93
CLARK COUNTY PUBLIC	49571 031	CC05	50382	04/25/94	118.54
CLARK COUNTY PUBLIC	49571 031	CC06	50382	04/25/94	518.51
CLARK COUNTY PUBLIC	49571 031	CC08	50382	04/25/94	37.39
CLARK COUNTY PUBLIC	49571 031	CC09	50382	04/25/94	722.97
CLARK COUNTY PUBLIC	49571 031	CC09	50382	04/25/94	694.90
Clark County Public Works	49571 032	CC13	50382	04/25/94	3,828.26
CLARK COUNTY PUBLIC	49571 031	CC14	50382	04/25/94	404.61
Clark County Public Works	49571 032	CC14	50382	04/25/94	936.00
CITY OF MESQUITE	53414 001	ME01	55A94	05/05/94	179.28
CITY OF MESQUITE	53414 001	ME01	55A94	05/05/94	818.25
CITY OF MESQUITE	53414 001	ME01	55A94	05/05/94	465.32
CITY OF MESQUITE	53414 001	ME01	55A94	05/05/94	2,364.40
CITY OF MESQUITE	53414 001	ME02	55A94	05/05/94	2,000.95
CITY OF MESQUITE	53414 001	ME02	55A94	05/05/94	1,145.51
CITY OF MESQUITE	53414 001	ME02	55A94	05/05/94	1,418.64
CITY OF MESQUITE	53414 001	ME02	55A94	05/05/94	86.73
					\$30,848.86

**Regional Flood District  
Accounts Payable  
Maintenance Work Program**

<b>Vendor</b>	<b>Ponumber</b>	<b>Facility</b>	<b>Invoice Number</b>	<b>Invoice Date</b>	<b>Amount</b>
Max Riggs Construction	56162 001	CC04	01-CCMWP9	05/17/94	20,250.00
					<hr/>
					\$20,250.00

Regional Flood Control District  
 Capital Improvement Projects - Cumulative Reporting  
 Pay As You Go Funds (Fund 443)

06/09/94

Project	Name	Status	Total
<b><i>Boulder City</i></b>			
BOU01A87	Hemenway Wash	Closed	4,649,000.00
BOU02A88	Georgia Avenue Channel	Closed	613,590.00
BOU03A88	Buchanan Blvd. Channel	Closed	412,720.00
			<hr/> \$5,675,310.00
<b><i>Clark County</i></b>			
BUN01A90	Bunkerville Channel Windmill Wash	Open	541,000.00
CLA01A87	Upper Flamingo Wash Det. Basin & Outfall	Closed	6,987,933.00
CLA02A88	Rawhide Channel	Closed	69,932.00
CLA02B90	Rawhide Channel Eastern Ave	Closed	155,540.00
CLA02C90	Rawhide Channel Eastern Ave Outfall	Closed	115,000.00
CLA02D90	Rawhide Channel Eastern to Toapz	Closed	1,069,252.07
CLA02E91	Rawhide Channel Mcleod to Mtn. Vista	Open	180,000.00
CLA03A88	Van Buskirk Channel Predesign	Closed	118,463.00
CLA03B90	Van Buskirk Channel Outfall	Closed	3,332,227.08
CLA03C90	Van Buskirk Channel Right-of-Way	Open	3,575,000.00
CLA03D91	Van Buskirk System	Open	850,000.00
CLA04A89	Flamingo Wash Bridge at Eastern Avenue	Closed	61,900.00
CLA04B89	Flamingo Wash Bridge at Arville	Closed	294,819.00
CLA04C90	Flamingo Wash Brdgs. Paradise, Palos Verde	Open	1,752,000.00
CLA04D93	Flamingo Wash Winnick Ave	Open	3,000,000.00
CLA05A91	Duck Creek Channel Pachuca & Tomiyasu	Pending	855,000.00
CLA06A91	Range Wash Detention Basin Facilities	Open	480,000.00
CLA07A92	Sloan Channel	Open	5,400,000.00
CLA08A92	Lower Duck Creek Detention Basin	Open	300,000.00
CLA08B93	Lower Duck Creek Det. Basin	Open	4,900,000.00
GSP01A88	Goodsprings Flood Control Improvements	Open	99,000.00
LAU01A89	Laughlin Unnamed Wash	Open	350,000.00
LAU02A89	Laughlin Hiko Springs	Open	370,000.00
LAU02B92	Laughlin Hike Springs Remap	Closed	8,000.00
MOA01A89	Moapa Cooper Ave Crossing	Closed	185,000.00
MOA01B89	Moapa Valley Muddy River West Levee	Open	200,000.00
MOA02A89	Moapa Valley Logan & Beson Wash	Open	235,040.74
MOA02B92	Moapa Valley Logan Wash Construction	Open	3,510,528.60
NEL01A88	Nelson Flood Control Improvements	Open	70,000.00
SEA01A88	Searchlight Flood Control Improvements	Open	861,100.00
			<hr/> \$39,926,735.49
<b><i>Henderson</i></b>			
HEN01A87	Pittman Wash Channel	Open	937,000.00
HEN01B87	Warm Springs Stephanie Bridges	Closed	1,666,309.00
HEN01C90	Pittman Wash Chnl Phase I Construction	Closed	2,744,110.00
HEN02A89	Green Valley Parkway Bridge	Closed	1,128,514.00
HEN03A91	UPRR Channel	Closed	117,073.57
HEN04A91	C-1 Channel System	Open	1,050,000.00
HEN04B93	C1 Burkholder to Lake Mead Drive	Open	200,000.00
HEN05A92	Sunset Det Basin Collection & Outfall	Open	1,385,000.00

Regional Flood Control District  
 Capital Improvement Projects - Cumulative Reporting  
 Pay As You Go Funds (Fund 443)

06/09/94

Project	Name	Status	Total
<b>Henderson</b>			
HEN06A93	Equestrian Drive Detention Basin	Open	478,000.00
			<u>478,000.00</u>
			\$9,706,006.57
<b>Las Vegas</b>			
LAS01A87	Angel Park Detention Basin Structure	Open	400,300.00
LAS02A87	Buffalo Channel Angel Park Detention Basin	Pending	4,535,965.00
LAS02B91	Buffalo Channel Summerlin to Vegas Drive	Open	130,000.00
LAS02C91	Buffalo Channel Westcliff Summerlin	Closed	471,594.88
LAS02D92	Buffalo Channel Design Doe Westcliff	Open	93,000.00
LAS02F93	Buffalo Channel Doe to Westcliff	Open	2,045,000.00
LAS03A89	Gowan Rd. Detention System	Closed	195,685.00
LAS03B89	Gowan Detention Basin and Outfall	Pending	5,401,000.00
LAS04A87	Oakey System Predesign	Closed	111,107.00
LAS04B90	Oakey Blvd. System	Open	624,000.00
LAS04C91	Oakey Blvd Det & Convey at Decatur	Closed	35,000.00
LAS05A87	Meadows Detention Basin Design	Closed	120,000.00
LAS05B87	Meadows Detention Basin Construction	Closed	3,445,946.00
LAS06A87	Major Conveyance West of I15	Closed	232,793.00
LAS06B87	Major Conveyance East of I15	Closed	29,500.00
LAS06C93	NDOT Freeway Channel Sahara to Ivanhoe	Open	710,000.00
LAS07A89	Durango Storm Drain	Closed	596,059.00
LAS08A89	Carey Avenue Lake Mead Detention Basin	Closed	6,148,651.98
LAS09A89	Washington Ave. Convey System	Closed	313,727.00
LAS09B91	Washington Avenue System Sandhill to Bruce	Open	497,000.00
LAS09D92	Washington Ave System Construction	Open	2,437,000.00
LAS09F93	Washington Avenue System Sagman to LV	Open	270,000.00
LAS10A91	Gowan North Channel	Open	110,000.00
LAS10B93	CAM 10 & Lone Mt Detention Basin	Open	200,000.00
LAS11A92	Angel Park Peccole 1 Rampart Storm Drain	Open	65,000.00
LAS11B93	Rampart Storm Drain	Open	200,000.00
LAS12A92	Alta Storm Drain	Open	954,800.00
LAS13A92	Cheyenne Channel Buffalo Gowan Detention	Open	87,000.00
LAS13B94	Cheyenne Channel Crossings	Open	709,000.00
LAS13C93	Cheyenne Channel - Buffalo to Gowan South	Open	1,470,538.00
			<u>1,470,538.00</u>
			\$32,639,666.86
<b>Mesquite</b>			
MES01A88	Town Wash ROW Engineering	Closed	9,600.00
MES01B89	Town Wash Detention Basin	Closed	660,000.00
			<u>660,000.00</u>
			\$669,600.00
<b>North Las Vegas</b>			
NLV01A87	LV Wash "A" Channel Improvements	Closed	304,000.00
NLV01B87	LV Wash Craig Civic Center *(King Charles)	Closed	2,415,412.00
NLV02A87	West Trib LV Wash Craig Alex	Closed	1,268,171.00
NLV02B88	West Trib LV Wash Upper Mendenhall	Closed	1,057,430.00
NLV03A88	East Range Wash Detention Basin	Closed	273,068.00

Regional Flood Control District  
 Capital Improvement Projects - Cumulative Reporting  
 Pay As You Go Funds (Fund 443)

06/09/94

Project	Name	Status	Total
<b><i>North Las Vegas</i></b>			
NLV03B88	East Range Wash Detention Basin Predesign	Closed	30,000.00
NLV03C91	West Range Wash Diversion Dike	Open	350,000.00
NLV04A89	Gowan Detention Basin Outfall Structure	Open	13,420,000.00
NLV05A89	Upper LV Wash Detention Basin	Pending	1,650,000.00
NLV06A91	Kyle Canyon Detention Basin	Open	606,000.00
NLV06B93	Kyle Canyon Detention Basin	Open	9,313,000.00
NLV07A92	Camino Al Norte	Closed	86,191.00
			<hr/>
			\$30,773,272.00
		<b>Total Funded</b>	<b>119,390,590.92</b>

**FY 93/94 PROJECT LIST - FUNDING REQUEST SUMMARY**

6/15/94

file:fy93\_94.xls

Facility Description	Scope of Work	Funding Amount Programmed	Funding Requested	Program Amount Difference
<b>HENDERSON:</b>				
Mission Hills Det. Basin & Collection System	Collection System R-O-W	\$1,318,000	\$200,000	\$1,118,000
Equestrian Dr Det. Basin & Collection System	Design & R-O-W	\$478,000	\$478,000	\$0
<b>Henderson Total</b>		<b>\$1,796,000</b>	<b>\$678,000</b>	<b>\$1,118,000</b>
<b>LAS VEGAS:</b>				
Angel Park Detention Basin Expansion	Basin Expansion	\$100,000		\$100,000
Cheyenne Channel	Construction	\$1,470,000	\$1,477,538	(\$7,538)
Peccole Ranch Outfalls (Rampart Storm Drain)	Construction Oversizing	\$200,000	\$200,000	\$0
Washington Ave. Ch. - Rea 2 (Honolulu - Mojave Rd)	Design	\$26,000	\$26,000	\$0
Buffalo Channel (Vegas Dr Charleston)	Construction Oversizing	\$2,045,000	\$2,045,000	\$0
Cheyenne Channel Crossin	Construction	\$719,000	\$709,000	\$10,000
Washington Ave. Lena to Eastern	Construction	\$5,384,500	\$5,384,500	\$0
Buffalo Channel Westcliff to Summerlin	Closeout	\$0	(\$117,303)	(\$117,303)
<b>Las Vegas Total</b>		<b>\$9,944,500</b>	<b>\$9,724,735</b>	<b>(\$14,841)</b>
<b>NORTH LAS VEGAS:</b>				
Sloan Ch. (Las Vegas Wash Confluence Det. Basin)	Construction	\$2,400,000	\$5,000,000	(\$2,600,000)
Kyle Canyon Det. Basin	Construction	\$9,313,000	\$9,313,000	\$0
<b>North Las Vegas Total</b>		<b>\$11,713,000</b>	<b>\$14,313,000</b>	<b>(\$2,600,000)</b>
<b>CLARK COUNTY:</b>				
Lower Duck Creek Det. Bas	R-O-W	\$2,300,000	\$6,100,000	(\$3,800,000)
<b>Clark County Total</b>		<b>\$2,300,000</b>	<b>\$6,100,000</b>	<b>(\$3,800,000)</b>
<b>CLARK COUNTY (Outlying Areas):</b>				
Goodsprings - Phase 1 Improvements	Construction	\$303,000		\$303,000
Searchlight - Eastern Portio Improvements	Construction	\$195,000	\$537,800	(\$342,800)
Bunkerville	Design	\$297,000		\$297,000
West Levee - Muddy River	R-O-W	\$1,800,000		\$1,800,000
<b>Clark County (Outlying Areas) Total</b>		<b>\$2,595,000</b>	<b>\$537,800</b>	<b>\$2,057,200</b>
<b>FY 93/94 Totals</b>		<b>\$28,348,500</b>	<b>\$31,353,535</b>	<b>(\$3,239,641)</b>

**FUNDING REQUESTS AND PRIORITIES REPORT (FY 93/94)**

15-Jun-94

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Requests Received		Project Description	Amount	Entity	Funding Priority Numbers		
#	Date				FY 93/94 List	Bond List	Comments/ Approval Date
1	10-May	I-15 Freeway Channel	\$710,000	CLV	94-1		8-Jul-93
2	11-May	Washington Avenue (Upper System Right-Of-Way)	\$270,000	CLV	94-2		8-Jul-93
3	11-May	Kyle Canyon Detention Basin	\$13,113,000	NLV	94-5	94-4B	11-Aug-93
4	19-May	Equestrian Detention Basin (Design)	\$478,000	HEND	94-6		11-Aug-93
5	25-May	Meadows-Alta Storm Drain (Phase V) - 1st Suppl.	\$0	CLV	94-3		8-Jul-93
6	8-Jun	Buffalo Channel (Doe Ave. to Westcliff Drive)	\$2,045,000	CLV	94-8		9-Sep-93
7	8-Jun	Rampart Storm Drain	\$200,000	CLV	94-4		8-Jul-93
8	8-Jun	Lower Duck Creek Detention Basin (R-O-W)	\$2,300,000	CC	94-9		15-Nov-93
9	8-Jun	Unnamed Wash - 2nd Suppl.	\$0	CC		94-1B	8-Jul-93
10	8-Jun	Rawhide Channel - 3rd Suppl.	\$34,515	CC		94-2B	8-Jul-93
12	8-Jun	Van Buskirk Phases IIA and VI	\$5,895,200	CC		94-3B	8-Jul-93
13	13-Jul	Washington Avenue System (design) - 2nd Suppl.	\$26,000	CLV	94-10		14-Oct-93
14	13-Jul	Gowan Outfall - 8th Suppl.	\$0	CLV	94-7		11-Aug-93
15	13-Jul	Range Wash Confluence Detention Basin (R-O-W)	\$2,600,000	CC		94-5B	11-Aug-93
16	10-Aug	Cheyenne Channel	\$1,470,538	CLV	94-11		15-Nov-93
17	26-Aug	Hemenway Wash 8th Suppl.	\$0	BC			14-Oct-93
18	14-Sep	C 1 Channel System 2nd Suppl.	\$200,000	HEND	94-12		15-Nov-93
19	14-Sep	Lower Duck Creek 1st Suppl.	\$2,600,000	CC	94-14		9-Dec-93
20	15-Sep	Cheyenne Channel (Buffalo to Gowan) 1st Suppl.	\$20,000	LV	94-13		9-Dec-93
21	11-Oct	Bridge replacements along Cheyenne Channel	\$709,000	LV	94-15		13-Jan-94
22	12-Oct	Searchlight Fourth Supplemental	\$537,800	CC	94-16		13-Jan-94
23	19-Oct	Sloan Channel First Supplemental	\$5,000,000	CC	94-17		14-Apr-94
25	6-Dec	Washington Ave. Lena to Eastern	\$5,384,500	LV	94-18		
26	29-Dec	Kyle Canyon Det. Basin 1st Supplemental	\$1,237,000	NLV		94-6B	10-Jan-94
27	3-Feb	C1 Channel Lake Mead to Drake Channel	\$3,210,000	HEND		94-8B	10-Mar-94
28	7-Feb	Oakey Detention Basin Phase II	\$1,513,000	LV	94-19		
29	7-Feb	Range Wash Confluence Det. Basin	\$1,000,000	CC		94-7B	10-Mar-94
30	14-Mar	Second Supplemental Lower Duck Creek	\$1,200,000	CC	94-20		
32	15-Jun	2nd Supplemental Range Wash Confluence	\$4,470,000.00	CC		94-8B	

FUND 444 - FUND BALANCE REPORT  
 REGIONAL FLOOD CONTROL DISTRICT  
 MAY 1994

BEGINNING FUND BALANCE		35,564,381
REVENUES:		
3550 - INTEREST EARNED	2,629	
	<hr/>	2,629
EXPENSES:		
CAPITAL IMPROVEMENT PROJECT EXPENDITURES	(1,522,700)	
CHECKS NOT DISTRIBUTED	0	
	<hr/>	(1,522,700)
ENDING FUND BALANCE (FUND 444)		<hr/> 34,044,310 <hr/>

CURRENT OBLIGATIONS AGAINST BOND FUNDS

ACCOUNTS PAYABLE	1,939,907	
BALANCE REMAINING ON PROJECTS FUNDED TO DATE	25,279,190	
	<hr/>	27,219,097
UNOBLIGATED BOND FUNDS		<hr/> 6,825,213 <hr/>

CURRENT FUNDING REQUESTS

ENTITY	SCOPE	FISCAL IMPACT	
NLV03D93	2ND SUPP WEST RANGE WASH DIVERSION DIKE	(100,000)	
	TOTAL REQUESTS FOR FUNDING		<hr/> (100,000) <hr/>
BALANCE			6,925,213

**Regional Flood Control District  
Monthly Expenses**

**Fund 444**

<b>Project</b>	<b>P.O. Number</b>	<b>Vendor</b>	<b>Invoice Number</b>	<b>Invoice Date</b>	<b>Amount</b>
HEN01E93	51682 001	AMERICAN ASPHALT	5-01E93	04/29/94	167,911.65
NV06B93	55673 001	American Asphalt	2-06B93	05/02/94	100,223.50
NV06B93	55673 001	American Asphalt	3-06B93	05/16/94	1,090,610.05
LAU01B92	52914 002	American Asphalt	CR40249	05/02/94	-383,403.41
CLA03H93	57447 001	BUREAU OF WATER	GNV002241-300	04/06/94	200.00
LAU01B92	52922 002	CENTENNIAL	CR40249	05/02/94	-58,510.36
HEN04C93	51672 001	CITY OF HENDERSON	021436	04/29/94	2,445.54
HEN01E93	51670 001	CITY OF HENDERSON	021434	04/29/94	7,320.33
LAS04D92	45969 001	CITY OF LAS VEGAS	10423	04/05/94	241,098.40
LAS09E93	45972 002	CITY OF LAS VEGAS	10492	04/30/94	1,316.62
LAS09E93	45972 002	CITY OF LAS VEGAS	10492	04/30/94	10,125.61
LAS04D92	45969 004	CITY OF LAS VEGAS	10489	04/30/94	300.00
LAS04D92	45969 003	CITY OF LAS VEGAS	10489	04/30/94	11,908.02
NLV05B92	30741	CITY OF N. LAS VEGAS	AR3504	03/18/94	38.14
NLV05B92	30741	CITY OF N. LAS VEGAS	AR3552	04/29/94	1,180.00
NLV03D93	44358 002	CITY OF N. LAS VEGAS	AR3550	04/28/94	10,012.67
CLA03H93	57785 001	CM Reprographics	1325	04/22/94	317.88
CLA03G92	99997	MAX RIGGS	RET-03G92	04/06/94	67,638.93
HEN01E93	53713 001	Poggemeyer	7982	01/31/94	1,005.25
NLV05B92	30741	Premrsirut/Waters	AR3420	03/18/94	532.77
CLA06B93	54498 001	ROY E LADD, INC	4-06B93	04/18/94	240,748.56
HEN04C93	53235 001	VTN-Nevada	8-04C93	05/01/94	5,679
HEN04C93	53235 001	VTN-Nevada	8-04C93	05/01/94	24,704..
					\$1,543,403.83

**Regional Flood Control District  
Accounts Payable**

**Fund 444**

<b>Project</b>	<b>P.O Number</b>	<b>Vendor</b>	<b>Invoice Number</b>	<b>Invoice</b>	<b>Amount</b>
INTEREST		American Asphalt	2Q943104-93	04/25/94	38.43
INTEREST		American Asphalt	3Q943104-93	04/25/94	786.55
NV06B93	55673 001	American Asphalt	4-06B93	06/01/94	164,621.88
HEN04C93	51672 001	CITY OF HENDERSON	021664	05/18/94	1,977.42
HEN01E93	51670 001	CITY OF HENDERSON	021662	05/18/94	8,904.02
LAS04D92	45969 001	CITY OF LAS VEGAS	10475	05/04/94	219,048.10
LAS04D92	45969 002	CITY OF LAS VEGAS	10544	05/04/94	6,961.28
LAS04D92	45969 001	CITY OF LAS VEGAS	10577	05/16/94	54,470.00
LAS02E92	45977 001	CITY OF LAS VEGAS	10594	05/19/94	1,858.61
LAS09E93	45972 001	CITY OF LAS VEGAS	10595	05/19/94	617,328.52
LAS02E92	45977 003	CITY OF LAS VEGAS	10630	05/31/94	4,602.43
LAS04D92	45969 003	CITY OF LAS VEGAS	10636	05/31/94	200.00
LAS04D92	45969 003	CITY OF LAS VEGAS	10636	05/31/94	6,602.04
LAS09E93	45972 002	CITY OF LAS VEGAS	10640	05/31/94	2,462.08
NLV03D93	44358 001	CITY OF N. LAS VEGAS	AR3551	05/06/94	1,693.58
NLV03D93	44358 001	CITY OF N. LAS VEGAS	AR3637	06/01/94	11,116.70
NLV03D93	44358 001	CITY OF N. LAS VEGAS	AR3637	06/01/94	12,038.64
INTEREST		GRANITE	2Q94-321	04/25/94	992.33
INTEREST		GRANITE	3Q9416-321	04/25/94	243.59
INTEREST		GRANITE	4Q932992-92	04/25/94	1.08
INTEREST		GRANITE	1Q942992-92	04/25/94	199.63
INTEREST		GRANITE	2Q942992-92	04/25/94	251.67
INTEREST		GRANITE	3Q942992-92	04/25/94	78.41
INTEREST		Las Vegas Paving	2Q942873-92	04/25/94	386.32
INTEREST		Las Vegas Paving	3Q942873-92	04/25/94	328.27
CLA03F92	99990	MAX RIGGS	10-03F92-RET	04/06/94	113,227.21
INTEREST		Max Riggs Construction	3Q942990-92	04/25/94	1,023.21
INTEREST		Max Riggs Construction	3Q942990-92	04/25/94	1,879.85
INTEREST		Max Riggs Construction	2Q94872	04/25/94	58.64
INTEREST		Max Riggs Construction	3Q94872	04/25/94	498.70
NLV03D93	52912 001	Max Riggs Construction	11-03D93	05/18/94	46,492.90
INTEREST		SCARBROUGH CONST &	2Q9492-93*2	04/25/94	97.40
INTEREST		SCARBROUGH CONST &	3Q9492-93*2	04/25/94	1,522.90
CLA03H93	52913 001	TAB CONTRACTORS INC.	3-03H93	05/17/94	622,364.99
HEN04C93	53235 001	VTN-Nevada	9-04C93	06/01/94	35,549.82
				<b>Total</b>	<b>\$1,939,907.20</b>

## Current Project Expense Summary

06/09/94

### **Fund 444**

#### **Clark County**

**CLA02F92 Rawhide Channel McLeod to Mt Vista Expiration Date 07/01/94**

**Interlocal Amount \$2,820,000**

**Interlocal Funding Allocation**

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
0	0	0	2,586,076	233,924	0

<b>Amount Spent by Category</b>	<b>Con. Eng.</b>	<b>174,492.35</b>
	<b>Construction</b>	<b>2,425,427.47</b>
		<b>\$2,599,919.82</b>
	<b>Total Spent on Project</b>	
	<b>Total Remaining</b>	<b>\$220,080.18</b>

**CLA03E92 Van Buskirk System, Rochelle to McLeod Expiration Date 07/01/93**

**Interlocal Amount \$921,800**

**Interlocal Funding Allocation**

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
0	0	0	921,800	0	0

<b>Amount Spent by Category</b>	<b>Construction</b>	<b>834,236.77</b>
		<b>\$834,236.77</b>
	<b>Total Spent on Project</b>	
	<b>Total Remaining</b>	<b>\$87,563.23</b>

**CLA03F92 Van Buskirk Channel Phase V Improvements Expiration Date 07/01/93**

**Interlocal Amount \$1,627,000**

**Interlocal Funding Allocation**

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
0	0	0	1,627,000	0	0

<b>Amount Spent by Category</b>	<b>Construction</b>	<b>1,287,417.23</b>
		<b>\$1,287,417.23</b>
	<b>Total Spent on Project</b>	
	<b>Total Remaining</b>	<b>\$339,582.77</b>



## Current Project Expense Summary

06/09/94

LAU01B92	Unnamed Wash	Expiration Date	12/31/94
Interlocal Amount	\$4,100,000		
Interlocal Funding Allocation			
Right of Way	Predesign	Design	Construction
0	0	0	3,798,000
			302,000
			0
Amount Spent by Category		Con. Eng.	124,485.78
		Construction	2,212,205.50
			\$2,336,691.28
			\$1,763,308.72

### *Henderson*

HEN01E93	Pittman Wash Phase III	Expiration Date	12/31/95
Interlocal Amount	\$910,000		
Interlocal Funding Allocation			
Right of Way	Predesign	Design	Construction
0	0	0	850,000
			60,000
			0
Amount Spent by Category		Con. Eng.	30,304.23
		Construction	454,380.03
			\$484,684.26
			\$425,315.74

HEN03B92	UPRR Channel	Expiration Date	12/31/93
Interlocal Amount	\$2,600,000		
Interlocal Funding Allocation			
Right of Way	Predesign	Design	Construction
36,000	0	0	2,418,000
			146,000
			0
Amount Spent by Category		Con. Eng.	80,689.17
		Construction	2,033,153.30
		ROW	35,635.00
			\$2,149,477.47
			\$450,522.53

## Current Project Expense Summary

06/09/94

**HEN04C93 C1 Channel Mission Hills** Expiration Date **12/31/95**

Interlocal Amount **\$6,135,402**

Interlocal Funding Allocation

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
0	0	0	5,618,495	500,500	16,407

Amount Spent by Category	Con. Eng.	299,471.38
	Construction	3,093,944.69
	Other	16,407.00

Total Spent on Project **\$3,409,823.07**

Total Remaining **\$2,725,578.93**

**HEN04D94 C-1 Channel/Lk Mead Dr-Drake Chnl** Expiration Date **12/31/95**

Interlocal Amount **\$3,210,000**

Interlocal Funding Allocation

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
0	0	0	3,000,000	210,000	0

Amount Spent by Category		0.00
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Total Spent on Project **\$0.00**

Total Remaining **\$3,210,000.00**

### ***Las Vegas***

**LAS02E92 Buffalo Channel Summerlin Vegas** Expiration Date **01/31/94**

Interlocal Amount **\$1,920,950**

Interlocal Funding Allocation

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
0	0	0	1,775,450	145,500	0

Amount Spent by Category	Con. Eng.	94,741.77
	Construction	1,510,136.30

Total Spent on Project **\$1,604,878.07**

Total Remaining **\$316,071.93**



## Current Project Expense Summary

06/09/94

### ***North Las Vegas***

**NLV03D93 West Range Wash Dike** **Expiration Date 08/05/94**

**Interlocal Amount \$2,430,000**

**Interlocal Funding Allocation**

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
0	0	0	2,200,000	150,000	80,000

<b>Amount Spent by Category</b>	<b>Con. Eng.</b>	<b>105,456.01</b>
	<b>Construction</b>	<b>1,760,322.98</b>
	<b>Other</b>	<b>87,986.65</b>

**Total Spent on Project \$1,953,765.64**

**Total Remaining \$476,234.36**

**NLV05B92 Upper Las Vegas Wash Detention Basin** **Expiration Date 07/30/93**

**Interlocal Amount \$8,950,000**

**Interlocal Funding Allocation**

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
500,000	0	0	7,800,000	650,000	0

<b>Amount Spent by Category</b>	<b>Con. Eng.</b>	<b>642,423.22</b>
	<b>Construction</b>	<b>7,243,616.50</b>
	<b>ROW</b>	<b>170,419.94</b>

**Total Spent on Project \$8,056,459.66**

**Total Remaining \$893,540.34**

**NV06B93 Kyle Canyon Detention Basin** **Expiration Date 03/24/95**

**Interlocal Amount \$5,037,000**

**Interlocal Funding Allocation**

Right of Way	Predesign	Design	Construction	Con. Eng.	Other
0	0	0	5,037,000	0	0

<b>Amount Spent by Category</b>	<b>Construction</b>	<b>1,392,910.63</b>
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**Total Spent on Project \$1,392,910.63**

**Total Remaining \$3,644,089.37**

# Purchase Order Status Report

06/09/94

**Fund 444**

CLA02F92

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
11	CLARK COUNTY PW	48,568.98	48,568.98	0.00
16	NV POWER	5,280.00	5,280.00	0.00
2	KLEINFELDER	55,000.00	45,258.00	9,742.00
28143 001	Clark County Public Works	7,839.38	7,839.38	0.00
31052	MVC	752,052.95	752,052.95	0.00
39543	LV PAVING	833,122.50	794,012.37	39,110.13
39543 003	LV PAVING	55,914.24	55,914.24	0.00
39543 004	Las Vegas Paving Corp	6,828.82	0.00	6,828.82
44351 001	GRANITE	570,569.00	570,569.00	0.00
53343 001	American Asphalt	278,979.00	241,691.97	37,287.03
54184 001	Clark County Public Works	22,431.02	22,431.02	0.00
54184 002	Clark County Public Works	60,000.00	49,944.97	10,055.03
54456 001	VALLEY ENTERPRISES	450.00	450.00	0.00
56840 001	Granite Construction	5,869.24	5,869.24	0.00
99993	EL MUNDO	37.00	37.70	-0.70
Totals		\$2,702,942.13	\$2,599,919.82	\$103,022.31

CLA03E92

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
7	GC WALLACE	8,300.00	5,146.00	3,154.00
8	CLARK COUNTY PW	135,434.40	62,866.08	72,568.32
99995	PROGRESSIVE	778,065.60	766,224.69	11,840.91
Totals		\$921,800.00	\$834,236.77	\$87,563.23

CLA03F92

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
12	CLARK COUNTY PUBLIC	50,000.00	50,000.00	0.00
15	SWIFT	39.00	39.00	0.00
50533 001	CLARK COUNTY PUBLIC	71,000.00	1,818.96	69,181.04
99990	MAX RIGGS	1,288,441.00	1,235,559.27	52,881.73
Totals		\$1,409,480.00	\$1,287,417.23	\$122,062.77

CLA03G92

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
3339	CLARK COUNTY PW	13,000.00	13,000.38	-0.38
50532 001	CLARK COUNTY PUBLIC	61,934.00	59,882.18	2,051.82
99992	SWIFT	66.00	66.00	0.00
99997	MAX RIGGS	898,966.70	851,416.68	47,550.02
Totals		\$973,966.70	\$924,365.24	\$49,601.46

# Purchase Order Status Report

06/09/94

CLA03H93

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
45987 004	VTN-Nevada	118,000.00	0.00	118,000.00
52913 001	TAB CONTRACTORS INC.	2,300,122.20	1,334,097.82	966,024.38
53474 001	URS CONSULTANTS, INC	135,000.00	44,975.27	90,024.73
57447 001	BUREAU OF WATER	200.00	200.00	0.00
57785 001	CM Reprographics	317.88	317.88	0.00
57935 001	SPRINT CENTRAL	35,000.00	0.00	35,000.00
Totals		\$2,588,640.08	\$1,379,590.97	\$1,209,049.11

CLA06B93

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
53475 001	SEA Incorporated	85,000.00	48,972.44	36,027.56
53507 001	FIDELITY NATIONAL TITLE	5,450.00	5,450.00	0.00
54498 001	ROY E LADD, INC	1,315,921.00	1,027,157.13	288,763.87
56327 001	FIDELITY NATIONAL TITLE	16,301.40	16,301.40	0.00
57076 001	FIDELITY NATIONAL TITLE	303,750.00	303,750.00	0.00
57076 002	FIDELITY NATIONAL TITLE	1,078.00	1,078.00	0.00
57076 003	FIDELITY NATIONAL TITLE	451.16	451.16	0.00
57355 001	FIDELITY NATIONAL TITLE	124,600.00	124,600.00	0.00
57355 002	FIDELITY NATIONAL TITLE	595.00	595.00	0.00
57355 003	FIDELITY NATIONAL TITLE	309.75	309.75	0.00
Totals		\$1,853,456.31	\$1,528,664.88	\$324,791.43

HEN01E93

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
51670 001	CITY OF HENDERSON	49,790.00	28,304.23	21,485.77
51682 001	AMERICAN ASPHALT	747,000.00	454,380.03	292,619.97
53713 001	Poggemeyer	2,500.00	2,000.00	500.00
Totals		\$799,290.00	\$484,684.26	\$314,605.74

HEN03A91

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
45979 001	CITY OF HENDERSON	4,560.00	0.00	4,560.00
Totals		\$4,560.00	\$0.00	\$4,560.00

HEN03B92

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
12222	CITY OF HENDERSON	72,070.18	72,070.38	-0.20
45978 001	G.C. WALLACE	2,327.28	2,255.00	72.28
45979 002	CITY OF HENDERSON	20,440.00	0.00	20,440.00
48003 001	CITY OF HENDERSON	77,929.62	6,847.42	71,082.20
48004 001	MAX RIGGS	204,199.93	171,226.93	32,973.00
77777	CITY OF HENDERSON	0.00	0.00	0.00
99991	MAX RIGGS	1,858,270.02	1,858,270.02	0.00
Totals		\$2,235,237.03	\$2,110,669.75	\$124,567.28

## Purchase Order Status Report

06/09/94

HEN04C93

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
51671 001	SCARBROUGH CONST &	5,118,569.20	3,093,944.69	2,024,624.51
51672 001	CITY OF HENDERSON	41,799.84	28,565.30	13,234.54
53235 001	VTN-Nevada	316,500.00	282,836.08	33,663.92
ENVIR 1	TORTOISE FUND	4,477.00	4,477.00	0.00
Totals		\$5,481,346.04	\$3,409,823.07	\$2,071,522.97

LAS02E92

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
45977 001	CITY OF LAS VEGAS	1,585,222.80	1,510,136.30	75,086.50
45977 002	CITY OF LAS VEGAS	190,227.20	2,100.01	188,127.19
45977 003	CITY OF LAS VEGAS	144,248.58	91,390.34	52,858.24
9	CITY OF LAS VEGAS	1,251.42	1,251.42	0.00
Totals		\$1,920,950.00	\$1,604,878.07	\$316,071.93

LAS03C91

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
30079	CITY OF LAS VEGAS	7,500,000.00	7,184,517.75	315,482.25
Totals		\$7,500,000.00	\$7,184,517.75	\$315,482.25

LAS04D92

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
4 001	CITY OF LAS VEGAS	1,918.26	1,918.26	0.00
4 002	City of Las Vegas	1,122,923.50	1,122,923.50	0.00
45969 001	CITY OF LAS VEGAS	5,614,076.50	5,270,527.70	343,548.80
45969 002	CITY OF LAS VEGAS	200,000.00	181,374.78	18,625.22
45969 003	CITY OF LAS VEGAS	235,081.74	201,105.54	33,976.20
45969 004	CITY OF LAS VEGAS	22,300.00	2,944.05	19,355.95
Totals		\$7,196,300.00	\$6,780,793.83	\$415,506.17

LAS09E93

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
45972 001	CITY OF LAS VEGAS	3,100,000.00	617,328.52	2,482,671.48
45972 002	CITY OF LAS VEGAS	250,000.00	20,937.20	229,062.80
Totals		\$3,350,000.00	\$638,265.72	\$2,711,734.28

# Purchase Order Status Report

06/09/94

LAU01B92

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
49114 001	CELLA BARR ASSOCIATES	39,400.00	21,995.78	17,404.22
49114 002	CELLA BARR ASSOCIATES	15,000.00	0.00	15,000.00
50243 001	NEVADA POWER	51,622.00	51,622.00	0.00
52914 001	American Asphalt	2,160,583.50	2,160,583.50	0.00
52922 001	CENTENNIAL	100,000.00	100,000.00	0.00
99994	KNIGHT AND LEAVITT	2,490.00	2,490.00	0.00
Totals		\$2,369,095.50	\$2,336,691.28	\$32,404.22

NLV03D93

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
44358 001	CITY OF N. LAS VEGAS	150,000.00	113,442.66	36,557.34
44358 002	CITY OF N. LAS VEGAS	80,000.00	80,000.00	0.00
52912 001	Max Riggs Construction	1,999,660.00	1,760,322.98	239,337.02
Totals		\$2,229,660.00	\$1,953,765.64	\$275,894.36

NLV05B92

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
30741	CITY OF N. LAS VEGAS	1,100,000.00	812,843.16	287,156.84
31267	GRANITE	7,292,777.00	7,243,616.50	49,160.50
Totals		\$8,392,777.00	\$8,056,459.66	\$336,317.34

NV06B93

<u>P.O. Number</u>	<u>Vendor</u>	<u>P.O Amount</u>	<u>Amount Spent</u>	<u>Remaining</u>
55673 001	American Asphalt	5,037,000.00	1,392,910.63	3,644,089.37
Totals		\$5,037,000.00	\$1,392,910.63	\$3,644,089.37
Fund Totals		\$56,966,500.79	\$44,507,654.57	\$12,458,846.22

Regional Flood Control District  
 Capital Improvement Projects - Cumulative Reporting  
 Bond Fund (Fund 444)

06/09/94

Project	Name	Status	Total
<b><i>Boulder City</i></b>			
BOU01A87	Hemenway Wash	Closed	867,000.00
			<u>\$867,000.00</u>
<b><i>Clark County</i></b>			
CLA02F92	Rawhide Channel McLeod to Mt	Open	2,820,000.00
CLA03E92	Van Buskirk System, Rochelle to	Open	921,800.00
CLA03F92	Van Buskirk Channel Phase V	Pending	1,627,000.00
CLA03G92	Van Buskirk Channel Phase IV	Pending	1,072,000.00
CLA03H93	Van Buskirk Channel Phase IIA	Open	5,895,200.00
CLA06A	East Range Wash Detention Basin	Closed	0.00
CLA06B93	Range Wash Confluence Detention	Open	4,150,000.00
LAU01B92	Unnamed Wash	Open	4,100,000.00
			<u>\$20,586,000.00</u>
<b><i>Henderson</i></b>			
HEN01D91	Pittman Wash Channel Phase II	Closed	2,071,148.80
HEN01E93	Pittman Wash Phase III	Open	910,000.00
HEN03B92	UPRR Channel	Pending	2,600,000.00
HEN04C93	C1 Channel Mission Hills	Open	6,135,402.00
HEN04D94	C-1 Channel/Lk Mead Dr-Drake	Open	3,210,000.00
			<u>\$14,926,550.80</u>
<b><i>Las Vegas</i></b>			
LAS02E92	Buffalo Channel Summerlin Vegas	Open	1,920,950.00
LAS03C91	Gowan Detention Basin	Pending	7,500,000.00
LAS04D92	Oakey Blvd Detention Basin	Open	7,196,300.00
LAS09C91	Washington Ave System Sandhill	Closed	1,496,312.93
LAS09E93	Washington Ave Virgil Lena	Open	3,350,000.00
			<u>\$21,463,562.93</u>
<b><i>Mesquite</i></b>			
MES01B89	Town Wash Detention Basin	Closed	3,692,546.00
			<u>\$3,692,546.00</u>
<b><i>North Las Vegas</i></b>			
NLV03D93	West Range Wash Dike	Open	2,430,000.00
NLV05B92	Upper Las Vegas Wash Detention	Pending	8,950,000.00
NV06B93	Kyle Canyon Detention Basin	Open	5,037,000.00
			<u>\$16,417,000.00</u>
		<b>Total Funded</b>	<b>\$77,952,659.73</b>

# BOND PROJECT LIST - FUNDING REQUEST SUMMARY

6/23/84

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HYDROGRAPHIC BASIN	TOTAL OF BOND PROJECTS	FUNDING REQUESTS	PROGRAM AMOUNT DIFFERENCE
<b>SOUTHWEST LAS VEGAS VALLEY</b>			
Rawhide Channel	\$2,820,000	\$2,820,000	\$0
Van Buskirk System	\$8,000,000	\$9,516,000	(\$1,516,000)
<b>TOTAL - SWLVV</b>	<b>\$10,820,000</b>	<b>\$12,336,000</b>	<b>(\$1,516,000)</b>
<b>OUTLYING AREAS (CLARK COUNTY)</b>			
Laughlin (51% of Unnamed Wash)	\$4,100,000	\$4,100,000	\$0
<b>TOTAL - OUTLYING AREAS</b>	<b>\$4,100,000</b>	<b>\$4,100,000</b>	<b>\$0</b>
<b>CENTRAL LAS VEGAS VALLEY</b>			
Gowan Detention Basins Const	\$10,240,000	\$7,500,000	\$2,740,000
Oakey Blvd. Detention Basin	\$7,970,000	\$7,196,300	\$773,700
Washington Ave. System (Sandhill Outlet)	\$1,700,000	\$1,496,313	\$203,687
Washington Ave. System (Virgil to Lena)		\$3,350,000	(\$3,350,000)
Buffalo Channel (Summerlin Prkway. to Vegas)	\$1,500,000	\$1,920,950	(\$420,950)
<b>TOTAL - CLVV</b>	<b>\$21,410,000</b>	<b>\$21,463,563</b>	<b>(\$53,563)</b>
<b>NORTHERN LAS VEGAS VALLEY</b>			
Upper Las Vegas Wash Detention Basin	\$12,800,000	\$8,950,000	\$3,850,000
Kyle Canyon Detention Basin		\$5,037,000	(\$5,037,000)
West Range Wash Diversion Dike	\$4,000,000	\$2,430,000	\$1,570,000
Range Wash Confluence Detention Basin	\$8,620,000	\$4,150,000	\$4,470,000
<b>TOTAL - NLVV</b>	<b>\$25,420,000</b>	<b>\$20,567,000</b>	<b>\$4,853,000</b>
<b>HENDERSON</b>			
Pittman Wash Channel (Phase II)	\$3,470,000	\$2,071,149	\$1,398,851
Pittman Wash Channel (Phase III)	\$3,162,200	\$910,000	\$2,252,200
UPRR Channel	\$2,300,000	\$2,149,477	\$150,523
Black Mtn Dam/C-1 Channel System	\$6,000,000	\$9,345,402	(\$3,345,402)
<b>TOTAL - HENDERSON</b>	<b>\$14,932,200</b>	<b>\$14,476,028</b>	<b>\$456,172</b>
<b>MESQUITE</b>			
Town Wash Detention Basin	\$5,448,304	\$3,692,546	\$1,755,758
<b>TOTAL - MESQUITE</b>	<b>\$5,448,304</b>	<b>\$3,692,546</b>	<b>\$1,755,758</b>
<b>BOULDER CITY</b>			
(no projects)	\$0		\$0
Hemenway Wash - 4th Suppl.		\$1,327,000	(\$1,327,000)
Hemenway Wash - 5th Suppl.		(\$460,000)	\$460,000
<b>TOTAL - BOULDER CITY</b>	<b>\$0</b>	<b>\$867,000</b>	<b>(\$867,000)</b>
<b>Totals</b>	<b>\$82,130,504</b>	<b>\$77,502,136</b>	<b>\$4,628,368</b>

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

WEST RANGE WASH DIVERSION DIKE -  
SECOND SUPPLEMENTAL INTERLOCAL CONTRACT (NLV.03.D.93)

**RECOMMENDATION SUMMARY**

**STAFF:** Approve and authorize the Chairman to sign.

**TECHNICAL ADVISORY:** Approve.

**CITIZENS ADVISORY:** Approve.

**RFCD AGENDA  
ITEM # 10  
Date: 07/14/94**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**

Second Supplemental Interlocal Contract for Construction of the West Range Wash Diversion Dike.

**PETITIONER:**

James A. Bell, P.E., Deputy Director of Public Works  
City of North Las Vegas

**RECOMMENDATION OF PETITIONER:**

It is recommended that the Clark County Regional Flood Control District Board approve and authorize the Chairman to sign the Second Supplemental Interlocal Contract.

**FISCAL IMPACT:**

First Supplemental Agreement	\$ 2,430,000
This Second Supplemental Agreement	\$ 2,330,000
Net reduction in funding	\$ 100,000

**BACKGROUND:**

Construction of this project by Max Riggs Construction Company is nearly complete.

By this action the authorized funding amount will be reduced \$100,000, which may be utilized to fund other flood projects.

FC-19.61.14.11-B5 & B6

B:\CCAG.010

Respectfully submitted,

  
James A. Bell, P.E., Deputy Director of Public Works

TAC AGENDA ITEM # 11 Date: 6/30/94
--

RFCD AGENDA ITEM #10 Date: 7/14/94
--

**Regional Flood Control District**  
**AGENDA ITEM DEVELOPMENT**

**Staff Discussion:**

**Date:** 07/05/94

**WEST RANGE WASH DIVERSION DIKE  
SECOND SUPPLEMENTAL INTERLOCAL CONTRACT (NLV.03.D.93)**

The City of North Las Vegas has submitted a request for a Second Supplemental Interlocal Contract which reduces total contract funding by \$100,000 and reallocates funding as itemized below. Since this project is nearing completion of construction, the funds are no longer considered necessary and are being returned to the Bond Fund (Fund 444).

	<u>Current Funding</u>	<u>Proposed Funding</u>
Construction	\$2,200,000	\$2,067,000
Construction Engineering	150,000	145,000
Desert Tortoise Mitigation	<u>80,000</u>	<u>118,000</u>
Total ILC Value	\$2,430,000	\$2,330,000

The District Attorney has reviewed this contract as to form.

**Staff Recommendation:**

Approve and authorize the Chairman to sign.

**Discussion by Technical Advisory Committee:**

**AGENDA**  
**#11 Date: 06/30/94**

**Recommendation:**

Approve.

**Discussion by Citizens Advisory Committee:**

**AGENDA**  
**#11 Date: 07/05/94**

**Recommendation:**

Approve.

**SECOND SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION  
WEST RANGE WASH DIVERSION DIKE**

THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT is made and entered into this \_\_\_day of\_\_\_, 1994 by and between the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, hereinafter referred to as "DISTRICT", and the CITY OF NORTH LAS VEGAS, hereinafter referred to as the "CITY".

**W I T N E S S E T H:**

**WHEREAS**, pursuant to chapter 543 of the Nevada Revised statues, 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 Update of August, 1991, Structure Nos. LVRW 000, through LVRW 0292, hereinafter referred to as "PROJECT"; and

**WHEREAS**, the PROJECT is identified and shown on the attached Exhibit "A"; and

**WHEREAS**, the PROJECT has been approved by the DISTRICT on the Bond Project List and F.Y. 1992/93 Project List; and

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

**WHEREAS**, an Interlocal Contract dated March 11, 1993 was entered into between the DISTRICT and the CITY and;

**WHEREAS**, a First Supplemental Interlocal Contract was entered into on February 10, 1994 between the DISTRICT and the CITY; and

**WHEREAS**, it is desired to supplement the Interlocal Contract dated March 11, 1993 as supplemented on February 10, 1994 to decrease the funding for construction.

**NOW THEREFORE**, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the CITY agree to the following:

SECTION II - PROJECT COSTS is deleted in its entirety and the following inserted in lieu thereof:

## SECTION II - PROJECT COSTS

The DISTRICT agrees to fund project costs within the limits specified below:

1. Construction engineering, testing, inspection, surveying and related work at a cost not to exceed \$145,000.
2. Desert tortoise mitigation and related work at a cost not to exceed \$118,000.
3. Construction at a cost not to exceed \$ 2,067,000.
4. The total cost of this contract shall not exceed \$2,330,000, which includes all work listed in paragraphs 1 through 3 above.

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

The remainder of the Interlocal Contract dated March 11, 1993 and the First Supplemental Interlocal Contract dated February 10, 1994 shall remain unchanged.

Date of District Action:

REGIONAL FLOOD CONTROL DISTRICT

\_\_\_\_\_  
IRIS BLETSCH, Chairman

ATTEST:

\_\_\_\_\_  
DEANNA LEFKO, Secretary

Approved as to Form:

\_\_\_\_\_  
CHRISTOPHER FIGGINS,

Deputy District Attorney

Date of Council Action:

CITY OF NORTH LAS VEGAS

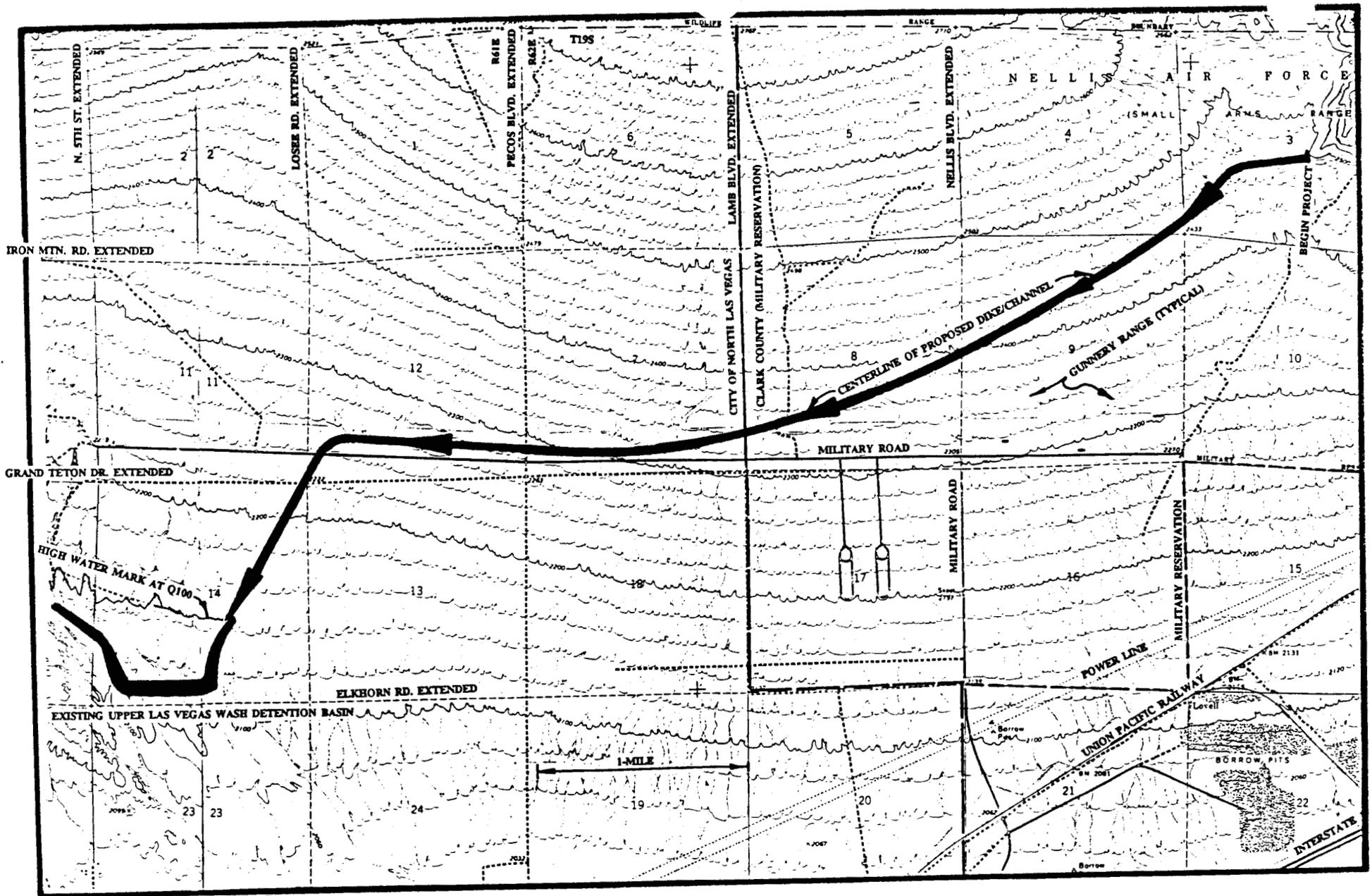
\_\_\_\_\_  
JAMES K. SEASTRAND, Mayor

ATTEST:

\_\_\_\_\_  
EILEEN SEVIGNY, City Clerk

FC-19.61.14.11-A  
C-184B

FC-19.61.14.11-A



LOCATION MAP  
 WEST RANGE WASH DIVERSION DIKE & CHANNEL  
 (FC-19.61.14.11-D6b)

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

**Oakey Detention Basin and Conveyance System - Phase I  
Third Supplemental Interlocal Contract (LAS.04.D.92)**

**RECOMMENDATION SUMMARY**

**STAFF:** Approve and authorize the Chairman to sign.

**TECHNICAL ADVISORY:** Approve.

**CITIZENS ADVISORY:** Approve.

**RFCD AGENDA  
ITEM # 11A  
Date: 07/14/94**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

**THIRD SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE CONSTRUCTION OF THE  
OAKY DETENTION BASIN AND CONVEYANCE SYSTEM - PHASE I**

**PETITIONER:**

**CITY OF LAS VEGAS**

**RECOMMENDATION OF PETITIONER:**

**THAT THE BOARD APPROVE THE THIRD SUPPLEMENTAL INTERLOCAL CONTRACT.**

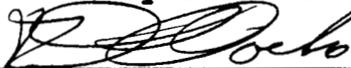
**FISCAL IMPACT:**

**None.**

**BACKGROUND:**

This Third Supplemental Interlocal Contract provides for the reallocation of \$5,000 currently under the "construction" line item to the "construction engineering" category to allow for additional construction inspection regarding landscaping resulting from a change in landscape subcontractors and the replanting of approximately 190 plants.

**Respectfully submitted,**



Richard D. Goecke, Director  
Department of Public Works

<b>TAC AGENDA</b> <b>ITEM# 12A</b> <b>Date: 6/30/94</b>	<b>RFCD AGENDA</b> <b>ITEM# 11A</b> <b>Date: 7/14/94</b>
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**Regional Flood Control District**  
**AGENDA ITEM DEVELOPMENT**

**Staff Discussion:**

**Date:** 07/05/94

**OAKY DETENTION BASIN AND CONVEYANCE SYSTEM - PHASE I  
THIRD SUPPLEMENTAL INTERLOCAL CONTRACT (LAS.04.D.92)**

The City of Las Vegas has submitted a request for a Third Supplemental Interlocal Contract to reallocate \$5,000 from "Construction" to "Construction Engineering". This request allows for additional construction inspection associated with: 1) the change in landscape contractors; and 2) the replanting of approximately 190 plants which were deemed unacceptable during inspection. This request does not result in any increase in the funds allocated to landscaping. No claims for the plant replacement mentioned above are expected, nor are they addressed by this request. No additional funding is requested. The District Attorney has reviewed the contract as to form.

**Staff Recommendation:**

Approve and authorize the Chairman to sign.

**Discussion by Technical Advisory Committee:**

**AGENDA  
#12A Date: 06/30/94**

**Recommendation:**

Approve.

**Discussion by Citizens Advisory Committee:**

**AGENDA  
#12A Date:07/05/94**

**Recommendation:**

Approve.

1 THIRD SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE CONSTRUCTION OF THE  
2 OAKY DETENTION BASIN AND CONVEYANCE SYSTEM - PHASE I

3 THIS THIRD SUPPLEMENTAL INTERLOCAL CONTRACT made and entered into as of  
4 this \_\_\_\_\_ day of \_\_\_\_\_, 1994, by and between the Clark County  
5 Regional Flood Control District, hereinafter referred to as the "DISTRICT" and  
6 the City of Las Vegas, a municipal corporation, hereinafter referred to as the  
7 "CITY".

8 W I T N E S S E T H

9 WHEREAS, an Interlocal Contract dated May 14, 1992, a Supplemental  
10 Interlocal Contract dated March 11, 1993 and a Second Supplemental Interlocal  
11 Contract dated January 13, 1994 were entered into between the DISTRICT and the  
12 CITY for the construction of Flood Control Improvements, as depicted on Exhibit  
13 "A" and described in the DISTRICT Master Plan Update of the Las Vegas Valley,  
14 August, 1991 as Facility Nos. MECH 0059, MECH 0108, MECH 0324, MECH 0337, MECH  
15 0351, MECH 0380, MECH 0338 and MECH 0400 hereinafter referred to as "PROJECT";  
16 and

17 WHEREAS, the CITY desires to reallocate funds between construction  
18 and construction engineering line items.

19 NOW, THEREFORE, in consideration of the covenants, conditions, agreements,  
20 and promises of the parties hereto, the parties hereto agree as follows:

- 21 1. SECTION II - PROJECTS COSTS is revised to read:

22 SECTION II - PROJECT COSTS

23 The DISTRICT agrees to provide funding for the PROJECT within the

1 limits specified below:

- 2 1. Construction at a cost not to exceed \$6,932,000.
- 3 2. Construction engineering at a cost not to exceed
- 4 \$242,000.
- 5 3. Additional design engineering for landscaping and
- 6 inclusion of the storm water inlet system with the
- 7 Sahara Street Improvement project at a cost not to
- 8 exceed \$22,300.
- 9 4. Total PROJECT cost shall not exceed \$7,196,300 which
- 10 includes all items described in Paragraphs 1, 2 and 3
- 11 above. Said amount includes landscaping construction
- costs which are not to exceed \$200,000.

13 A written request must be made to the DISTRICT and a supplemental

14 interlocal contract approved to increase any amounts noted above prior to the

15 payment of any additional funds.

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22 . . .

23 . . .

1           The remainder of the original Interlocal Contract dated May 14, 1992, the  
2 Supplemental Interlocal Contract dated March 11, 1993 and the Second Supplemental  
3 Interlocal Contract dated January 13, 1994 shall remain unchanged.

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

6 APPROVED AS TO LEGALITY AND FORM:

7 \_\_\_\_\_  
8 CHRISTOPHER D. FIGGINS  
9 DEPUTY DISTRICT ATTORNEY

10  
11 DATE OF DISTRICT ACTION:

REGIONAL FLOOD CONTROL DISTRICT

12 BY: \_\_\_\_\_

13 ATTEST:

IRIS BLETSCH, CHAIRMAN

14 \_\_\_\_\_  
15 DEANNA LEFKO, SECRETARY

16 DATE OF COUNCIL ACTION:

CITY OF LAS VEGAS

17 BY: \_\_\_\_\_

18 ATTEST:

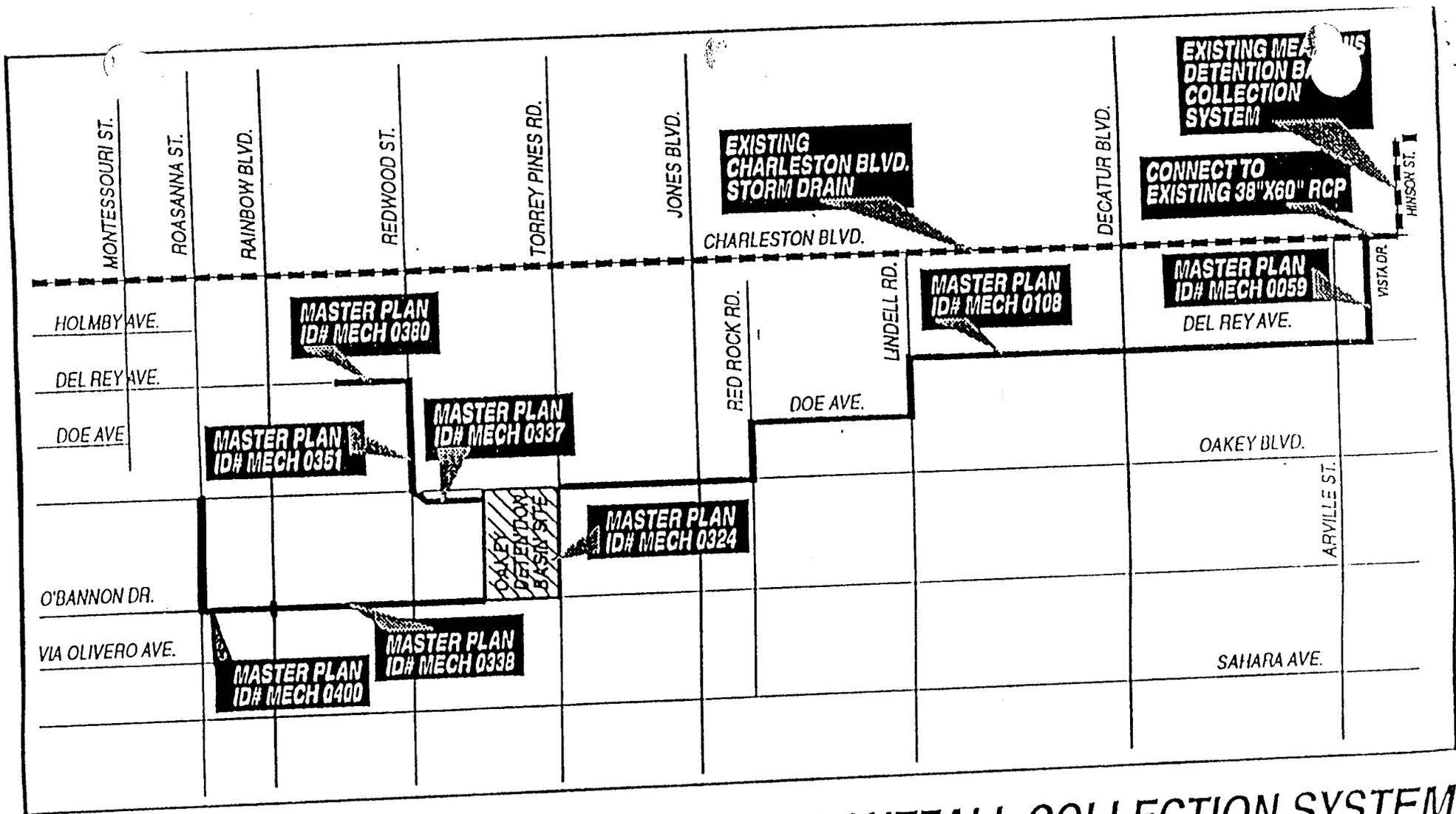
JAN LAVERTY JONES, MAYOR

19 \_\_\_\_\_  
20 KATHLEEN TIGHE, CITY CLERK

21 . . .

22 . . .

23 P:\OAKCONST.35



**OAKEY DETENTION BASIN OUTFALL COLLECTION SYSTEM**

**EXHIBIT A**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

**OAKLEY DETENTION BASIN AND COLLECTION SYSTEM -  
CHANGE ORDER NUMBER 3 (LAS.04.D.92)**

**RECOMMENDATION SUMMARY**

**STAFF:** Approve.

**TECHNICAL ADVISORY:** Approve.

**CITIZENS ADVISORY:** Approve.

**RFCD AGENDA  
ITEM # 11B  
Date: 07/14/94**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT: CONTRACT MODIFICATION NO. 3: OAKEY DETENTION BASIN AND CONVEYANCE SYSTEM</b>
<b>PETITIONER: CITY OF LAS VEGAS</b>

<b>RECOMMENDATION OF PETITIONER: THAT THE DISTRICT APPROVE CONTRACT MODIFICATION NO. 3.</b>
---

**FISCAL IMPACT:**

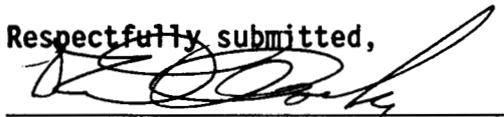
None.

**BACKGROUND:**

This request is for drainage improvements collecting stormwater from an existing channel into the Oakey Collection System at Rosanna Street and Oakey Boulevard. These drainage improvements will collect flow from the existing channel located on the Las Vegas Valley Water District's Thomas R. Rice Reservoir and Pump Station property into a 42-inch RCP before discharging into the existing 66-inch RCP in Rosanna Street which is part of the Oakey Detention Basin Collection System. Stormwater within the Las Vegas Valley Water District's storm channel currently bypasses the Oakey drop inlet system and floods the Oakey/Rainbow intersection. These improvements will alleviate this problem. At the June 15, 1994 Board meeting, the Water District approved the granting of a drainage easement to the City in regard to the above.

Sufficient funds are available under construction conflicts of the Las Vegas Paving Corporation contract. These improvements will be installed at a cost of \$35,950.

Respectfully submitted,



Richard D. Goecke, Director  
Department of Public Works

<b>TAC AGENDA</b>	<b>RFCD AGENDA</b>
<b>ITEM# 12B</b>	<b>ITEM# 11B</b>
<b>Date: 6/30/94</b>	<b>Date: 7/14/94</b>

**Regional Flood Control District**  
**AGENDA ITEM DEVELOPMENT**

**Staff Discussion:**

**Date:** 07/05/94

**Oakey Detention Basin and Collection System -  
Change Order Number 3 (LAS.04.D.92)**

The City of Las Vegas has negotiated Change Order Number 3 for the Oakey Detention Basin and Collection System project. The change order includes installation of an inlet and storm drain lateral to collect runoff from an existing drainage channel on the Las Vegas Valley Water District's Thomas R. Rice Reservoir site. The lateral will discharge to the Oakey Detention Basin Collection system for delivery to the detention basin. The runoff to be collected currently bypasses the inlet system and floods the Oakey/Rainbow intersection. Change Order Number 3 will be completed at a cost of \$35,950. Sufficient funds are available under construction conflicts of the Las Vegas Paving Corporation contract to support this request. No additional District funding is required.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

**AGENDA**  
**#12B Date: 06/30/94**

**Recommendation:**

Approve.

**Discussion by Citizens Advisory Committee:**

**AGENDA**  
**#12B Date:07/05/94**

**Recommendation:**

Approve.

General Engineering  
Contractors  
Since 1958



4420 South Decatur F  
Las Vegas, Nevada  
(702) 251-5800  
Fax (702) 251-1968

May 25, 1994

City of Las Vegas  
400 E. Stewart  
Las Vegas, NV 89101

MAY 26 1994

Attn.: Dennis Atwood, P.E.  
Project Manager

Re: Las Vegas Valley Water District  
Storm Channel Outfall

Gentlemen:

Please find below a revised proposal as outlined on the plans titled; Oakey Detention Basin, Change Order No. 2, Las Vegas Valley Water District Storm Channel Outfall, Sheets 5/B by City of Las Vegas Engineering Design; along with my original phone conversation with Terry Parker in early May of 1994

Excavation, Installation & Backfill	\$21,680.00
Concrete Work	\$ 6,800.00
Landscaping	\$ 4,700.00
R & R Fencing	\$ 1,120.00
Sawcutting	\$ 500.00

Subtotal: \$34,800.00

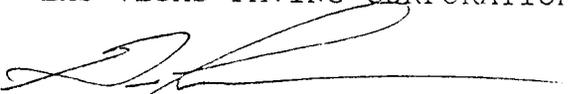
Drawing Revised Changes 5/23/94: +\$ 1,150.00

Revised Total Proposal: \$35,950.00

Should you have any questions or concerns regarding this matter, please feel free to contact me.

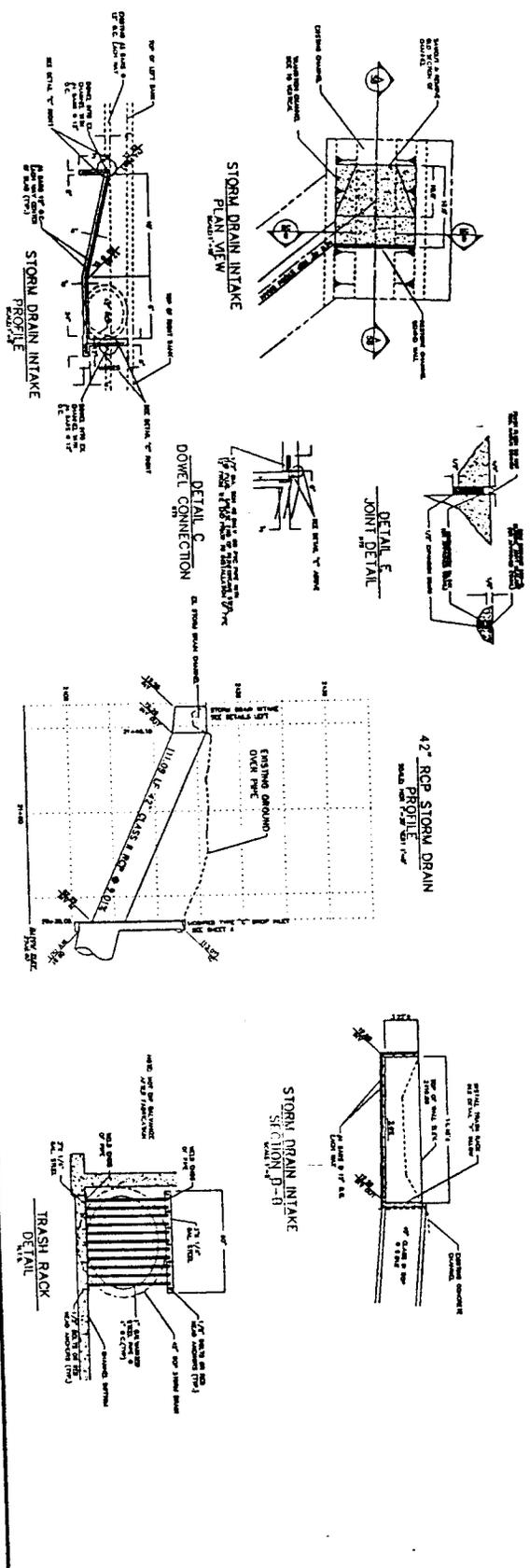
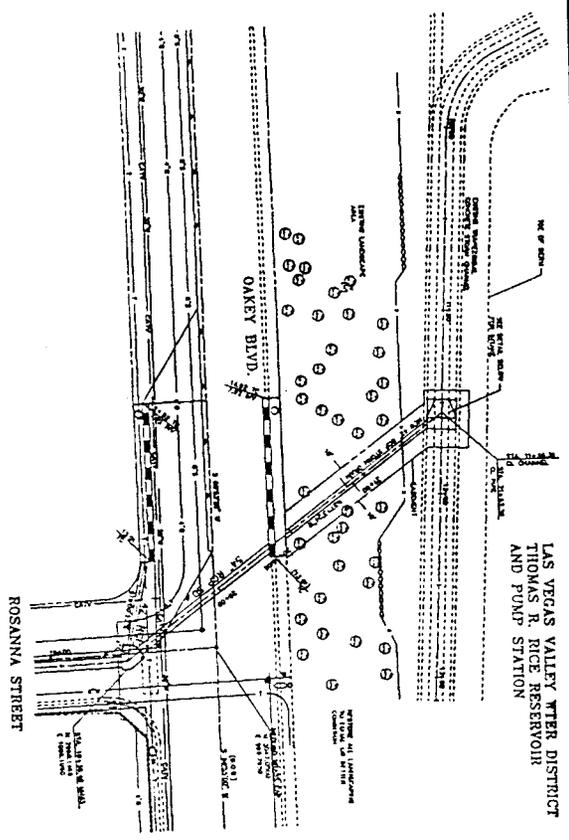
Sincerely,

LAS VEGAS PAVING CORPORATION

  
Greg Langham  
Underground Estimator

GL:pad

Call before you Dig.  
1-800-271-2000



587 721-538 6	<b>DEPARTMENT OF PUBLIC WORKS</b> LVVWD STORM CHANNEL OUTFALL OAKLEY DETENTION BASIN CHANGE ORDER #2			<b>ENGINEERING DESIGN SECTION</b> CITY ENGINEER: DENNIS ANDERSON, P.E. DESIGN ENGINEER: SCOTT HAYWOOD, P.E.		REVISIONS _____ _____ _____	DATE _____ _____
	SCALE (H) 1"=30' PLAN NO. # A/A	SCALE (V) 1"=6' DATE AUGUST 1983		W.A. # W-1148 DESIGNED BY DLA			

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

SLOAN CHANNEL - OWENS TO STEWART AVENUE  
AWARD OF BID (CLA.07.A.92)

**RECOMMENDATION SUMMARY**

**STAFF:** Accept Clark County's recommendation for award of bid to Max Riggs Construction Company, Inc. in the amount of \$3,175,089.05, and request that a supplemental interlocal contract be prepared to return excess funding to the District.

**TECHNICAL ADVISORY:** Follow the staff recommendation.

**CITIZENS ADVISORY:** Follow the staff recommendation.

**RFCD AGENDA  
ITEM # 12  
Date: 07/14/94**

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**  
SLOAN CHANNEL - OWENS AVENUE TO STEWART AVENUE

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

**RECOMMENDATION OF PETITIONER:**  
THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE RECOMMENDATION OF THE AWARD OF CONTRACT TO CONSTRUCT THE SLOAN CHANNEL FROM OWENS AVENUE TO STEWART AVENUE TO THE BEST BIDDER, MAX RIGGS CONSTRUCTION COMPANY, INC., IN THE AMOUNT OF \$3,175,089.05.

**FISCAL IMPACT:**

\$3,175,089.05      Funded by Regional Flood Control District (Fund No. 443)

**BACKGROUND:**

On June 27, 1994, bids were opened for the Sloan Channel from Owens Avenue to Stewart Avenue. Max Riggs Construction Company, Inc. was the best bidder in the amount of \$3,175,089.05. A copy of the bid abstract is attached.

Respectfully submitted,

  
\_\_\_\_\_  
M. J. MANNING  
Director of Public Works  
MJM:PMH:mcc Attach.

<b>TAC AGENDA ITEM # Date:</b>	<b>RFCD AGENDA ITEM # 12 Date: 7/14/94</b>
--	--

**Regional Flood Control District**  
**AGENDA ITEM DEVELOPMENT**

**Staff Discussion:**

**Date:** 07/05/94

**SLOAN CHANNEL - OWENS AVENUE TO STEWART AVENUE - AWARD OF BID  
(CLA.07.A.92)**

Clark County opened bids on June 27, 1994, for construction of the Sloan Channel improvements located from Owens Avenue to Stewart Avenue. Seven bids were received. Clark County requests acceptance of their recommendation to award the bid to Max Riggs Construction Company, Inc. in the amount of \$3,175,089.05. Funding provided by the interlocal contract is sufficient to cover the award of bid amount.

**Staff Recommendation:**

Accept Clark County's recommendation for award of bid to Max Riggs Construction Company, Inc. in the amount of \$3,175,089.05 and request that a supplemental interlocal contract be prepared to return excess funding to the District.

**Discussion by Technical Advisory Committee:**

**AGENDA  
#13 Date: 06/30/94**

**Recommendation:**

Follow the staff recommendation.

**Discussion by Citizens Advisory Committee:**

**AGENDA  
#13 Date: 07/05/94**

**Recommendation:**

Follow the staff recommendation.

Bid No. 3379-94  
 Project No. F921222  
 Opening Date: June 27, 1994

Page 2

BID TABULATION - SLOAN CHANNEL STEWART AVENUE TO OWENS AVENUE		
Item Number	Item Description	Quantity
107 01	Traffic Control	1 L.S.
109 01	Construction Conflicts and Additional Work	1 L.S.
109 02	Temporary Flood Control	1 L.S.
200 01	Mobilization	1 L.S.
201 01	Clearing and Grubbing	1 L.S.
202 01	Remove and Salvage Existing Fence	1 L.S.
203 01	Channel Excavation	62780 C.Y.
301 01	Select Backfill	27860 C.Y.
302 01	Type II Aggregate Base	20360 C.Y.
502 01	60-ft. Trapezoidal Concrete Channel Lining	69409 S.Y.
502 02	Surface Inlet Structure	7 EA
502 03	Maintenance Access Ramp	3 EA
502 04	Storm Drain Junction Structure	3 EA
502 05	Sealing Existing Joints	2530 L.F.
502 06	Cores in Concrete Lining and Slope Paving	76 EA
603 01	18-inch RCP (Class IV)	68 L.F.
603 02	24-inch RCP (Class IV)	64 L.F.
603 03	48-inch x 76-inch III-RCP (Class III-II)	40 L.F.
609 01	6-ft. Double Sided Drop Inlet	1 EA
609 02	9-ft. Modified Type A Drop Inlet	1 EA
609 03	Adjust Manhole	2 EA
611 01	3-inch Concrete Slope Paving	6565 S.Y.
616 01	6-ft. Chain-Link Fence	7857 L.F.
616 02	12'-8" Single Swing Gate	3 EA
616 03	4-ft. Single Swing Gate	14 EA
626 01	Final Clean Up	1 L.S.
627 01	Permanent Sign	4 EA

Total

AMERICAN ASPHALT AND GRADING	
Unit Cost	Extension
\$3,531.00	\$3,531.00
\$50,000.00	\$50,000.00
\$13,200.00	\$13,200.00
\$311,000.00	\$311,000.00
\$133,339.80	\$133,339.80
\$1,650.00	\$1,650.00
\$3.18	\$199,640.40
\$7.45	\$207,557.00
\$11.16	\$226,101.60
\$32.74	\$2,272,450.66
\$4,600.83	\$32,205.81
\$15,252.60	\$45,757.80
\$3,500.00	\$10,500.00
\$3.57	\$9,032.10
\$80.00	\$6,080.00
\$50.82	\$3,455.76
\$102.00	\$6,528.00
\$158.80	\$6,352.00
\$3,800.00	\$3,800.00
\$7,425.00	\$7,425.00
\$639.50	\$1,279.00
\$21.59	\$141,738.35
\$7.05	\$55,391.85
\$289.00	\$867.00
\$120.00	\$1,680.00
\$22,000.00	\$22,000.00
\$270.00	\$880.00

Total

MEADOW VALLEY CONTRACTORS, INC.	
Unit Cost	Extension
\$6,000.00	\$6,000.00
\$50,000.00	\$50,000.00
\$5,550.00	\$5,550.00
\$150,000.00	\$150,000.00
\$66,660.00	\$66,660.00
\$5,000.00	\$5,000.00
\$5.30	\$332,734.00
\$1.65	\$45,969.00
\$17.75	\$359,615.00
\$38.90	\$2,700,010.10
\$4,865.00	\$34,055.00
\$11,553.00	\$34,659.00
\$352.00	\$1,056.00
\$2.00	\$5,060.00
\$83.25	\$6,327.00
\$48.40	\$3,291.20
\$53.00	\$3,392.00
\$73.30	\$2,932.00
\$1,645.00	\$1,645.00
\$2,509.00	\$2,509.00
\$530.00	\$1,060.00
\$18.55	\$121,780.75
\$7.10	\$55,784.70
\$320.80	\$962.40
\$133.00	\$1,862.00
\$22,200.00	\$22,200.00
\$225.00	\$900.00

Total

SUPERIOR GUNITE	
Unit Cost	Extension
\$40,000.00	\$40,000.00
\$50,000.00	\$50,000.00
\$30,000.00	\$30,000.00
\$130,000.00	\$130,000.00
\$150,000.00	\$150,000.00
\$1,700.00	\$1,700.00
\$7.00	\$439,460.00
\$6.00	\$167,160.00
\$19.00	\$384,940.00
\$36.00	\$2,498,724.00
\$2,172.50	\$15,207.50
\$2,500.00	\$7,500.00
\$1,500.00	\$4,500.00
\$4.00	\$10,120.00
\$100.00	\$7,600.00
\$80.00	\$5,440.00
\$80.00	\$5,120.00
\$250.00	\$10,000.00
\$1,500.00	\$1,500.00
\$2,000.00	\$2,000.00
\$300.00	\$600.00
\$18.00	\$118,170.00
\$9.00	\$70,713.00
\$1,000.00	\$3,000.00
\$600.00	\$8,400.00
\$10,000.00	\$10,000.00
\$200.00	\$800.00

Total

SLETTEN CONSTRUCTION OF NEVADA, INC.	
Unit Cost	Extension
\$10,500.00	\$10,500.00
\$50,000.00	\$50,000.00
\$7,640.00	\$7,640.00
\$355,000.00	\$355,000.00
\$134,780.00	\$134,780.00
\$3,200.00	\$3,200.00
\$5.81	\$364,751.80
\$5.47	\$152,394.20
\$12.75	\$258,315.00
\$40.47	\$2,808,982.23
\$1,712.00	\$11,984.00
\$5,460.00	\$16,380.00
\$27.00	\$2,181.00
\$2.36	\$5,970.80
\$64.84	\$4,927.84
\$88.00	\$5,984.00
\$92.00	\$5,888.00
\$253.00	\$10,120.00
\$2,813.00	\$2,813.00
\$2,900.00	\$2,900.00
\$65.00	\$1,330.00
\$25.84	\$169,639.60
\$8.37	\$65,763.09
\$831.00	\$2,493.00
\$495.00	\$6,940.00
\$14,683.00	\$14,683.00
\$114.00	\$456.00

Total

ADDITIVE BID SCHEDULE

303 02	Over-excavation and Select Material Backfill	C.Y.
--------	--	------

\$30.00
---------

\$15.00
---------

\$19.00
---------

\$45.00
---------

NOTES: \* Denotes an apparent discrepancy between the checked extension and the extension listed in the Bid Proposal.  
 \*\* Denotes an apparent discrepancy between the checked total and the total listed in the Bid Proposal.

BID NO. 3379-94  
 Project No. F921222  
 Opening Date: June 27, 1994

Page 3

BID TABULATION SLOAN CHANNEL STEWART AVENUE TO OWENS AVENUE		
Item Number	Item Description	Quantity
107 01	Traffic Control	1 L.S.
109 01	Construction Conflicts and Additional Work	1 L.S.
109 02	Temporary Flood Control	1 L.S.
200 01	Mobilization	1 L.S.
201 01	Clearing and Grubbing	1 L.S.
202 01	Remove and Salvage Existing Fence	1 L.S.
203 01	Channel Excavation	62780 C.Y.
301 01	Select Backfill	27860 C.Y.
302 01	Type II Aggregate Base	20260 C.Y.
502 01	60-ft Trapezoidal Concrete Channel Lining	69409 S.Y.
502 02	Surface Inlet Structure	7 EA.
502 03	Maintenance Access Ramp	3 EA.
502 04	Storm Drain Junction Structure	3 EA.
502 05	Sealing Existing Joints	2530 L.F.
502 06	Cores in Concrete Lining and Slope Paving	76 EA.
603 01	18-inch RCP (Class IV)	68 L.F.
603 02	24-inch RCP (Class IV)	64 L.F.
603 03	48-inch x 76-inch III-RCP (Class III-II)	40 L.F.
609 01	6-ft. Double Sided Drop Inlet	1 EA.
609 02	9-ft. Modified Type A Drop Inlet	1 EA.
609 03	Adjust Manhole	2 EA.
611 01	3-inch Concrete Slope Paving	6565 S.Y.
616 01	6-ft. Chain-Link Fence	7857 L.F.
616 02	12'-8" Single Swing Gate	3 EA.
616 03	4-ft. Single Swing Gate	14 EA.
626 01	Final Clean Up	1 L.S.
627 01	Permanent Sign	4 EA.

File: BDD1\B\WJ1

TOTAL

FRISNER CONSTRUCTION CO., INC.	
Unit Cost	Extension
\$2,625.00	\$2,625.00
\$50,000.00	\$50,000.00
\$47,100.00	\$47,100.00
\$437,912.80	\$437,912.80
\$25,580.00	\$25,580.00
\$3,440.00	\$3,440.00
\$6.00	\$376,680.00
\$13.60	\$378,896.00
\$15.10	\$305,926.00
\$38.05	\$2,641,012.45
\$4,950.00	\$34,650.00
\$5,300.00	\$15,900.00
\$1,603.00	\$4,809.00
\$2.90	\$7,337.00
\$150.00	\$11,400.00
\$55.00	\$3,740.00
\$103.00	\$6,592.00
\$150.00	\$6,000.00
\$2,400.00	\$2,400.00
\$5,000.00	\$5,000.00
\$895.00	\$1,790.00
\$21.00	\$137,865.00
\$6.75	\$53,034.75
\$304.00	\$912.00
\$126.00	\$1,764.00
\$3,185.00	\$3,185.00
\$210.00	\$840.00
	\$4,566,391.00 **

RICHARDSON CONSTRUCTION INC.	
Unit Cost	Extension
\$35,000.00	\$35,000.00
\$50,000.00	\$50,000.00
\$150,000.00	\$150,000.00
\$255,000.00	\$255,000.00
\$120,000.00	\$120,000.00
\$4,200.00	\$4,200.00
\$8.00	\$502,240.00
\$6.00	\$167,160.00
\$22.00	\$445,720.00
\$48.00	\$3,331,632.00
\$8,700.00	\$60,900.00
\$4,000.00	\$12,000.00
\$2,600.00	\$7,800.00
\$100.00	\$253,000.00
\$300.00	\$22,800.00
\$45.00	\$3,060.00
\$55.00	\$3,520.00
\$190.00	\$7,600.00
\$6,500.00	\$6,500.00
\$9,500.00	\$9,500.00
\$1,335.00	\$2,670.00
\$24.00	\$157,560.00
\$8.00	\$62,856.00
\$910.00	\$2,730.00
\$300.00	\$4,200.00
\$35,000.00	\$35,000.00
\$165.00	\$660.00
	\$5,713,308.00

ADDITIVE BID SCHEDULE

203 02	Over-excavation and Select Material Backfill	C.Y.
--------	--	------

\$26.00
---------

\$25.00
---------

NOTES: \* Denotes an apparent discrepancy between the checked extension and the extension listed in the Bid Proposal.  
 \*\* Denotes an apparent discrepancy between the checked total and the total listed in the Bid Proposal

PROJECT NO. F921222  
 Opening Date: June 27, 1994

29 Jun-94

Page 1

BIDDICATION SLOAN CHANNEL STEWART AVENUE TO OWENS AVENUE			
Item Number	Item Description	Quantity	
107.01	Traffic Control	1 L.S.	
109.01	Construction Conflicts and Additional Work	1 L.S.	
109.02	Temporary Flood Control	1 L.S.	
200.01	Mobilization	1 L.S.	
201.01	Clearing and Grubbing	1 L.S.	
202.01	Remove and Salvage Existing Fence	1 L.S.	
203.01	Channel Excavation	62780 C.Y.	
301.01	Select Backfill	27840 C.Y.	
302.01	Type II Aggregate Base	20240 C.Y.	
502.01	60 ft. Trapezoidal Concrete Channel Lining	69409 S.Y.	
502.02	Surface Inlet Structure	7 EA.	
502.03	Maintenance Access Ramp	3 EA.	
502.04	Storm Drain Junction Structure	3 EA.	
502.05	Sealing Existing Joints	2530 L.F.	
502.06	Cores in Concrete Lining and Slope Paving	76 EA.	
603.01	18-inch RCP (Class IV)	68 L.F.	
603.02	24-inch RCP (Class IV)	64 L.F.	
603.03	48-inch x 76-inch HE-RCP (Class HE-II)	40 L.F.	
609.01	6-ft Double Sided Drop Inlet	1 EA.	
609.02	9-ft Modified Type A Drop Inlet	1 EA.	
609.03	Adjust Manhole	2 EA.	
611.01	3-inch Concrete Slope Paving	6565 S.Y.	
616.01	6-ft Chain-Link Fence	7857 L.F.	
616.02	12'-8" Single Swing Gate	3 EA.	
616.03	4-ft Single Swing Gate	14 EA.	
626.01	Final Clean Up	1 L.S.	
627.01	Permanent Sign	4 EA.	

File: BIDDAB.WQ1

FOIAI

ENGINEERS ESTIMATE:	
Unit Cost	Extension
\$15,000.00	\$15,000.00
\$50,000.00	\$50,000.00
\$50,000.00	\$50,000.00
\$200,000.00	\$200,000.00
\$20,000.00	\$20,000.00
\$2,000.00	\$2,000.00
\$6.50	\$408,070.00
\$3.50	\$97,510.00
\$14.00	\$283,640.00
\$42.00	\$2,915,178.00
\$8,000.00	\$56,000.00
\$10,000.00	\$30,000.00
\$2,000.00	\$6,000.00
\$10.00	\$25,300.00
\$50.00	\$3,800.00
\$45.00	\$3,060.00
\$55.00	\$3,520.00
\$150.00	\$6,000.00
\$5,500.00	\$5,500.00
\$5,000.00	\$5,000.00
\$200.00	\$400.00
\$36.00	\$236,340.00
\$8.00	\$62,856.00
\$550.00	\$1,650.00
\$200.00	\$2,800.00
\$10,000.00	\$10,000.00
\$550.00	\$2,200.00

\$4,501,824.00

MAX RIGGS CONST. CO	
Unit Cost	Extension
\$5,000.00	\$5,000.00
\$50,000.00	\$50,000.00
\$11,000.00	\$11,000.00
\$122,000.00	\$122,000.00
\$120,000.00	\$120,000.00
\$1,700.00	\$1,700.00
\$3.15	\$197,757.00
\$3.65	\$101,689.00
\$13.00	\$263,380.00
\$29.50	\$2,047,565.50
\$6,500.00	\$45,500.00
\$3,000.00	\$9,000.00
\$2,200.00	\$6,600.00
\$1.25	\$3,162.50
\$100.00	\$7,600.00
\$30.00	\$2,040.00
\$60.00	\$3,840.00
\$170.00	\$6,800.00
\$4,300.00	\$4,300.00
\$4,500.00	\$4,500.00
\$1,000.00	\$2,000.00
\$13.50	\$88,627.50
\$7.15	\$56,177.55
\$320.00	\$960.00
\$135.00	\$1,890.00
\$11,000.00	\$11,000.00
\$250.00	\$1,000.00

\$3,175,089.05

BOULDER CONSTRUCTION	
Unit Cost	Extension
\$6,000.00	\$6,000.00
\$50,000.00	\$50,000.00
\$3,000.00	\$3,000.00
\$10,000.00	\$10,000.00
\$114,903.00	\$114,903.00
\$7,000.00	\$7,000.00
\$3.00	\$188,340.00
\$3.00	\$83,580.00
\$17.00	\$344,420.00
\$35.00	\$2,429,315.00
\$5,000.00	\$35,000.00
\$20,000.00	\$60,000.00
\$1,500.00	\$4,500.00
\$3.00	\$7,590.00
\$30.00	\$2,280.00
\$75.00	\$5,100.00
\$75.00	\$4,800.00
\$220.00	\$8,800.00
\$4,000.00	\$4,000.00
\$6,000.00	\$6,000.00
\$600.00	\$1,200.00
\$14.00	\$91,910.00
\$7.00	\$54,990.00
\$1,000.00	\$3,000.00
\$300.00	\$4,200.00
\$3,000.00	\$3,000.00
\$200.00	\$800.00

\$3,533,737.00

LAS VEGAS PAVING CORP.	
Unit Cost	Extension
\$11,300.00	\$11,300.00
\$50,000.00	\$50,000.00
\$42,000.00	\$42,000.00
\$160,000.00	\$160,000.00
\$37,000.00	\$37,000.00
\$4,000.00	\$4,000.00
\$2.95	\$185,201.00
\$3.50	\$97,510.00
\$14.80	\$299,848.00
\$34.95	\$2,425,844.55
\$5,200.00	\$36,400.00
\$14,700.00	\$44,100.00
\$1,100.00	\$3,300.00
\$3.40	\$8,602.00
\$52.00	\$3,952.00
\$76.00	\$5,168.00
\$87.00	\$5,568.00
\$275.00	\$11,000.00
\$4,480.00	\$4,480.00
\$5,100.00	\$5,100.00
\$825.00	\$1,650.00
\$27.60	\$181,194.00
\$7.05	\$55,391.85
\$960.00	\$2,880.00
\$150.00	\$2,100.00
\$16,800.00	\$16,800.00
\$220.00	\$880.00

\$3,701,269.40

ADDITIVE BID SCHEDULE

203.02	Over excavation and Select Material Backfill	C.Y.
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\$22.00

\$25.00

\$200.00

\$30.00

NOTES: \* Denotes an apparent discrepancy between the checked extension and the extension listed in the Bid Proposal  
 \*\* Denotes an apparent discrepancy between the checked total and the total listed in the Bid Proposal.

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

**TROPICANA AND FLAMINGO WASHES PROJECT -  
INTERLOCAL CONTRACT (COE.G1.94)**

**RECOMMENDATION SUMMARY**

**STAFF:** Approve and authorize the Chairman to sign.

**TECHNICAL ADVISORY:** Approve.

**CITIZENS ADVISORY:** Approve.

**RFCD AGENDA  
ITEM # 13  
Date: 07/14/94**

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

<b>SUBJECT:</b> TROPICANA AND FLAMINGO WASHES PROJECT
--

<b>PETITIONER:</b>  M. J. MANNING, DIRECTOR OF PUBLIC WORKS
---

<b>RECOMMENDATION OF PETITIONER:</b> THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL AGREEMENT WITH CLARK COUNTY ON THE TROPICANA AND FLAMINGO WASHES PROJECT.
--

**FISCAL IMPACT:**

\$100,000 REGIONAL FLOOD CONTROL DISTRICT FUND 443

**BACKGROUND:**

The construction of the Army Corps of Engineers project for flood control facilities on the Tropicana and Flamingo Washes becomes more of a reality with the recent passage of a resolution by the Flood Control District Board expressing an intent to proceed with the Corps of Engineers project. Since the project is located in the unincorporated County, County Public Works' staff will be heavily involved in project coordination, review, right-of-way acquisition, construction services and maintenance of the completed facilities.

This interlocal contract provides for the reimbursement of County costs associated with the project. Since the project spans over several years, additional supplemental interlocal contracts will be required from time to time. Funding for the project is identified in the Ten Year Program.

Respectfully submitted,

  
\_\_\_\_\_  
M. J. MANNING  
Director of Public Works  
MJM:DLC:mcc

<b>TAC AGENDA</b> <b>ITEM #6</b> <b>Date: 6/30/94</b>
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<b>RFCD AGENDA</b> <b>ITEM # 13</b> <b>Date: 7/14/94</b>
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**Regional Flood Control District**  
**AGENDA ITEM DEVELOPMENT**

**Staff Discussion:**

**Date:** 07/05/94

**TROPICANA AND FLAMINGO WASHES PROJECT -  
INTERLOCAL CONTRACT (COE.G1.94)**

Clark County has submitted a request for an Interlocal Contract to provide funding in the amount of \$100,000 for the construction, construction engineering, preliminary and design engineering, right-of-way engineering and appraisals associated with the Tropicana and Flamingo Washes Project being undertaken in cooperation with the U.S. Army Corps of Engineers (COE). With the passage of Resolution No. 94-2 by the Board at their regular meeting on March 10, 1994, the Tropicana and Flamingo Washes project took one more step toward becoming a reality. This interlocal contract provides for reimbursement of costs to the County for their work associated with the project. Funding for the project has been set aside each month to match the anticipated federal funding in accordance with Resolution No. 94-2. Furthermore, the project is identified on the proposed Ten-Year Construction Program. The District Attorney has reviewed the contract as to form.

**Staff Recommendation:**

Approve and authorize the Chairman to sign.

**Discussion by Technical Advisory Committee:**

**AGENDA**  
**#6 Date: 06/30/94**

**Recommendation:**

Approve.

**Discussion by Citizens Advisory Committee:**

**AGENDA**  
**#6 Date: 07/05/94**

**Recommendation:**

Approve.

**INTERLOCAL CONTRACT FOR  
ARMY CORPS OF ENGINEERS TROPICANA AND FLAMINGO WASHES PROJECT**

THIS CONTRACT, made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 1994, 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".

**W I T N E S S E T H**

**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 by Army Corps of Engineers for the Tropicana and Flamingo Washes are identified in the Master Plan Update as Structure Nos. RRWA - 0589, 0314, 0263, 0129, 0097, 0000; RRR4 - 0322, 0089, 0000; FLF1 - 0000, 0089, 0214, 0330; FLF2 - 0000, 0098, 0172; FLWA - 0000, 1554, 1447, 1367, 1443; FLTR - 0235, 0234, 0175, 0155, 0135, 0133, 0040, 0038, 0000; TRWA - 0256, 0266, 0272, 0322, 0324, 0344, 0407, 0408, 0460, 0492, 0511, 0625, 0781, 0783, 0888, 1125, 1143, 1144; TRRW - 0000, 0108, 0110, 0208; FLF4 - 0000, 0199, and hereinafter referred to as "PROJECT", and

**WHEREAS**, the PROJECT is identified and shown on the attached "Exhibit "A"; and

**WHEREAS**, the DISTRICT intends to enter into a project cooperation agreement with the Army Corps of Engineers for cost sharing of the PROJECT; and

**WHEREAS**, the PROJECT is located in the unincorporated area of the COUNTY; and

**WHEREAS**, the COUNTY will be involved with the DISTRICT in the coordination and review of the PROJECT and right-of-way acquisition for the PROJECT.

**WHEREAS**, the PROJECT is a priority project and has been approved by the DISTRICT Ten Year Construction Program; 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 COUNTY to proceed with the engineering coordination and right-of-way 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 Army Corps of Engineers Tropicana and Flamingo Washes Project. The PROJECT shall

consist of the construction of a flood control system consisting of features including two new detention basins (Tropicana Detention Basin and Blue Diamond Detention Basin); modifications to the existing Red Rock Detention Basin and Flamingo Detention Basin; construction of four debris basins (R04, F-1, F-2 and F-4); channelization for the releases of Red Rock, R-4, F-1, F-2 and F-4 basins to the Flamingo Detention Basin; channelization for the releases of Flamingo Detention Basin and Blue Diamond Detention Basin to Tropicana Detention Basin; channelization for the release of Tropicana Detention Basin to a conduit beneath the Union Pacific Railroad tracks; grade control downstream of Tropicana Detention Basin; as generally described in the Tropicana and Flamingo Washes, Nevada Final Feasibility Report, dated October 1991, prepared by the Army Corps of Engineers.

## **SECTION II - PROJECT COSTS**

The DISTRICT agrees to provide funding to the COUNTY for project costs associated with coordination and review of the preliminary engineering and engineering design; services during construction; and preparation of right-of-way drawings, descriptions, title reports of the right-of-way required, and obtaining appraisals. These services as described above shall not exceed \$100,000.

It is understood the duration of the PROJECT is several years and that from time to time, supplemental interlocal contracts will be necessary to increase the amount noted above prior to payment of any additional funds.

## **SECTION III - GENERAL**

1. The COUNTY will comply with the Local Government Purchasing Act, Chapter 332, of the Nevada Revised Statutes.
2. 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.
3. Applicable portions of the current editions of the Policies and Procedures, the Hydrologic Criteria and Drainage Design Manual, and Uniform Regulations for the Control of Drainage adopted by the DISTRICT will apply in developing this PROJECT unless specifically superseded by this CONTRACT.
4. 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 will be forwarded to the DISTRICT.
5. Administrative settlements and acceptance of counter-offers involving right-of-way may only be made following a review and approval by the DISTRICT.
6. The DISTRICT will make a payment to the COUNTY, its contractor, or its



ATTEST:

CLARK COUNTY  
BOARD OF COUNTY COMMISSIONERS

\_\_\_\_\_  
LORETTA BOWMAN, County Clerk

\_\_\_\_\_  
JAY BINGHAM, Chairman

Date of Commission Action:

\_\_\_\_\_

ATTEST:

REGIONAL FLOOD CONTROL DISTRICT

\_\_\_\_\_  
DEANNA LEFKO, Secretary

\_\_\_\_\_  
IRIS BLETSCH, Chairman

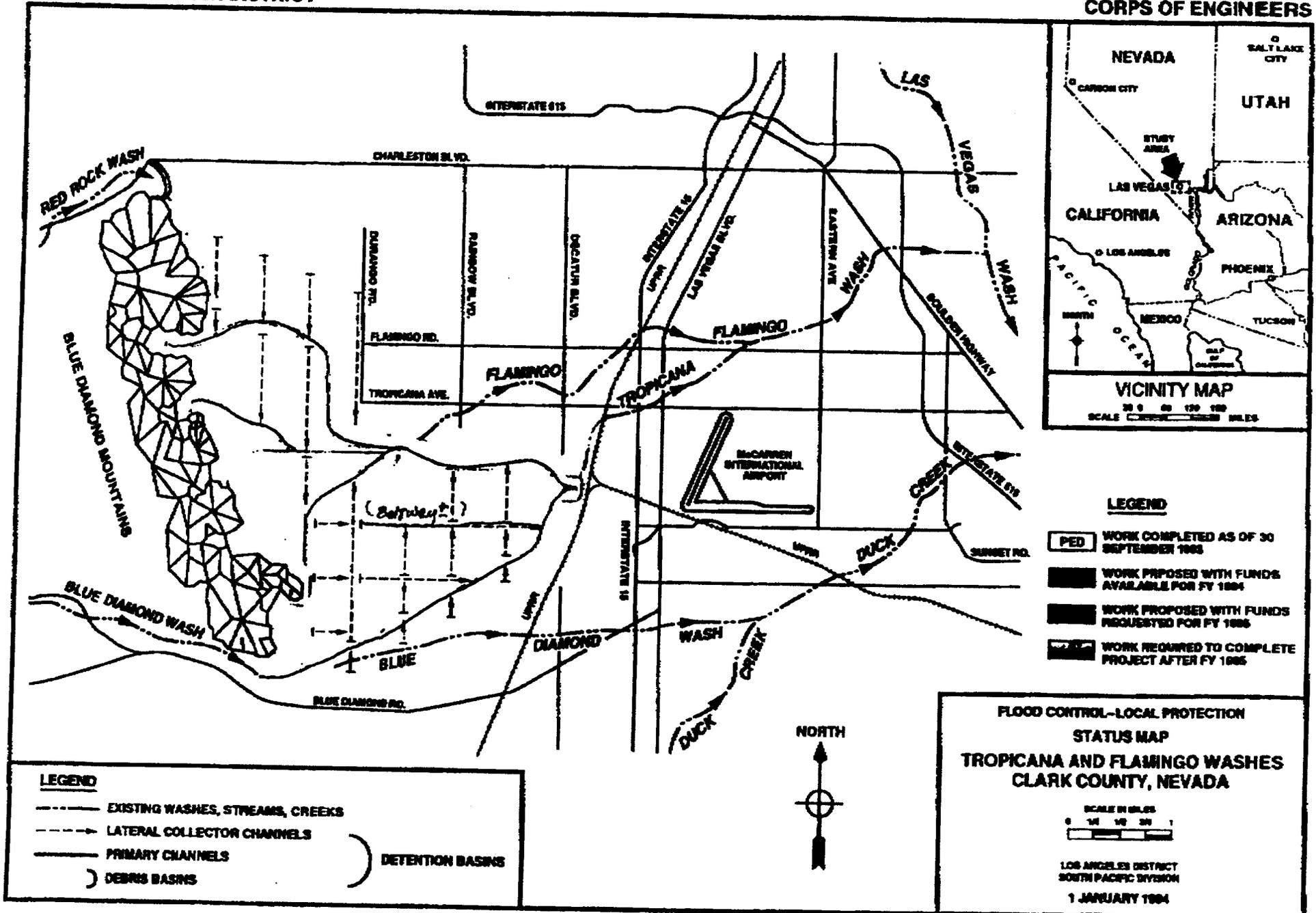
Date of District Action:

\_\_\_\_\_

Approved as to Legality and Form:

BY:

\_\_\_\_\_  
CHRISTOPHER FIGGINS  
Deputy District Attorney



VICINITY MAP  
 0 50 100 150  
 SCALE IN MILES

- LEGEND**
- PED WORK COMPLETED AS OF 30 SEPTEMBER 1983
  - WORK PROPOSED WITH FUNDS AVAILABLE FOR FY 1984
  - WORK PROPOSED WITH FUNDS REQUESTED FOR FY 1985
  - WORK REQUIRED TO COMPLETE PROJECT AFTER FY 1985

FLOOD CONTROL-LOCAL PROTECTION  
 STATUS MAP  
 TROPICANA AND FLAMINGO WASHES  
 CLARK COUNTY, NEVADA

SCALE IN MILES  
 0 10 20 30 1

LOS ANGELES DISTRICT  
 SOUTH PACIFIC DIVISION  
 1 JANUARY 1984

- LEGEND**
- EXISTING WASHES, STREAMS, CREEKS
  - LATERAL COLLECTOR CHANNELS
  - PRIMARY CHANNELS
  - DETENTION BASINS
  - DEBRIS BASINS



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

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

**RECOMMENDATION SUMMARY**

**STAFF:** Approve.

**TECHNICAL ADVISORY:** Approve.

**CITIZENS ADVISORY:** Approve.

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

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

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

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

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

**FISCAL IMPACT:**

None.

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

**BACKGROUND:**

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

The following exhibits are included in the backup:

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

<b>TAC AGENDA ITEM # 03 Date: 5/26/94</b>	<b>RFCD AGENDA ITEM # 14 Date: 7/14/94</b>
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TAC AGENDA  
ITEM #03  
DATE: 6/30/94

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

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

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

Respectfully submitted,

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

<b>TAC AGENDA</b> <b>ITEM # 03</b> <b>Date: 05/26/94</b>	<b>RFCD AGENDA</b> <b>ITEM #14</b> <b>Date: 7/14/94</b>
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TAC AGENDA  
ITEM #03  
DATE: 06/30/94

**Regional Flood Control District**  
**AGENDA ITEM DEVELOPMENT**

**Staff Discussion:**

**Date:** 07/05/94

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

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

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

**Staff Recommendation:**

Approval of:

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

**Discussion by Technical Advisory Committee:**

**AGENDA**  
**#3 Date: 06/30/94**

**Recommendation:**

Approve.

**Discussion by Citizens Advisory Committee:**

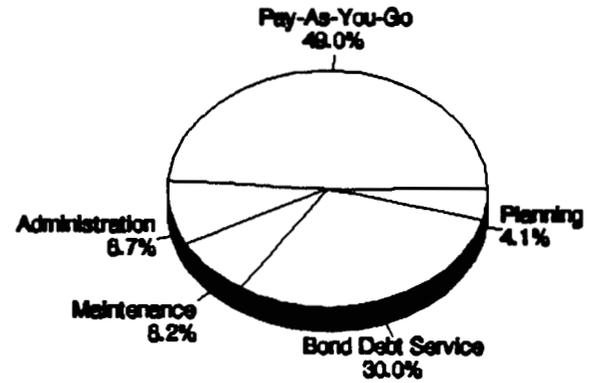
**AGENDA**  
**#3 Date: 07/05/94**

**Recommendation:**

Approve.

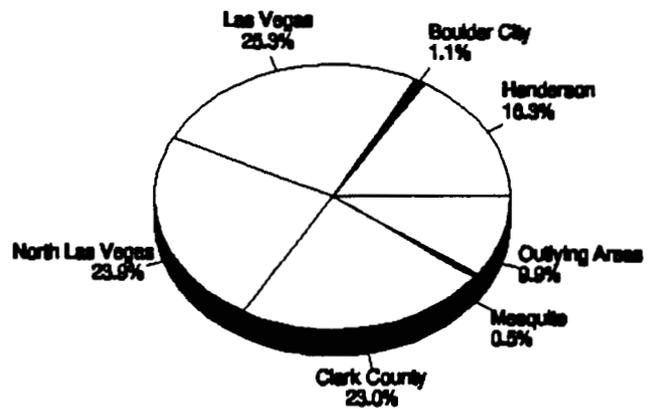
**Background:**

The proposed 10-Year Construction Program for the period from Fiscal Year 1995 through Fiscal Year 2004 is attached for your review and approval. The construction program revenues are derived from the 1/4% sales tax and interest revenues commonly known as the Pay-As-You-Go program. Revenues for the construction program, based upon an approximate 3% annual increase for the 10-year period, are estimated to be \$188,656,098. This amount does not include the District operating budget, bond debt service, and operation and maintenance of flood control facilities. A pie chart representing the expenditures for a typical fiscal year is depicted on the right.



**TYPICAL ALLOCATION OF REVENUES**

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



**PRORATED SHARE OF FUNDING BY ENTITY BASED ON MASTER PLAN**

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

### **Project Prioritization:**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## **10-Year Construction Program:**

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

### **HENDERSON**

#### **C-1 Channel, Duck Creek and Pittman Wash Planning Areas**

A summary of the proposed program, along with major accomplishments for the City of Henderson is shown in the attached map labeled "Pittman Wash and C-1 Channel Planning Areas". Henderson projects completed or funded for construction since 1987 include:

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

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

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

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

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

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

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

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

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

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

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

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

**Las Vegas**  
**Central Basin Planning Area and**  
**Gowan Planning Area**

A summary of the proposed program, along with major accomplishments for the City of Las Vegas is shown on the attached map labeled "Gowan and Central Basin Planning Areas". City of Las Vegas projects completed or funded for construction since 1987 include:

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

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

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

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

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

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

Gowan North Channel - This project originates at the Gowan Detention Basin and extends to the northwest of the basin. The project will collect flow from an area that otherwise may bypass the basins; thereby improving the effectiveness of the Gowan Detention Basin Project. Design of the reach from the detention basins to Lone Mountain Road is programmed to begin in FY 95/96 with construction to be completed throughout a 10 year period. The project from Lone Mountain Road to the CAM-10 detention basin is

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

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

Owens Avenue System - This project is located west of I-15 and is comprised of a storm drain in Owens Avenue between I-15 and Rancho Drive. It is anticipated that this project will be built as part of a street improvement project, thereby limiting District funding to the oversizing of the storm drain. Design is programmed in FY 96/97 with construction the next year. Total funding programmed for this flood control facility is approximately \$3.0 million.

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

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

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

**North Las Vegas  
Northern Las Vegas Wash Planning Area  
Range Wash Planning Area and  
Lower Las Vegas Wash Planning Area**

Projects being undertaken within these planning areas are being administered by either North Las Vegas or Clark County. A summary of the proposed program, along with major accomplishments for the City of North Las Vegas is shown on the attached map labeled "Northern Las Vegas, Range, and Lower Las Vegas Wash Planning Areas". Projects completed or funded for construction since 1987 include:

- Western Tributary of the Las Vegas Wash from Alexander Road to north of Craig Road
- Las Vegas Wash Improvements and King Charles Diversion project from I-15 to Craig Road
- West Range Wash Diversion Dike (nearing completion)
- Camino Al Norte Crossing of the Western Tributary of the Las Vegas Wash (first developer participation contract with the District)
- Gowan Outfall project from Decatur Boulevard to the Western Tributary of the Las Vegas Wash
- Upper Las Vegas Wash Detention Basin and Diversion Dike project (located on the Las Vegas Wash at the upstream area of the Las Vegas Valley)
- Kyle Canyon Detention Basin (construction underway)
- Phase 1 Confluence Detention Basin - NAFB Golf Course Channel (Nearing Completion)
- Sloan Channel (Range Wash) Stewart to Owens (Start Construction This Summer)

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

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

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

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

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

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

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

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

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

The Northern Las Vegas Wash, Range Wash and Lower Las Vegas Wash Planning Areas (North Las Vegas) of the 10-Year Construction Program total approximately \$31.8 million.

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

A summary of the proposed program, along with major accomplishments for Clark County is shown on the attached map labeled "Flamingo, Tropicana, Duck Creek, and Blue Diamond Planning Areas". Projects completed or funded for construction since 1987 include:

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

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

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

Corps of Engineer's (COE) Tropicana/Flamingo Project - The Program includes approximately \$50,627,000 in the first eight years to make up the Local Share at 25% to match the COE funding at 75%. The project includes the Tropicana and Blue Diamond detention basins; enlargement of the Red Rock and Upper Flamingo detention basins; four foothill debris basins; and the primary connecting channel network.

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

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

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

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

## **Clark County Outlying Areas**

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

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

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

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

Goodsprings Improvements - This project consists of a diversion dike and channel improvements for Goodsprings, Nevada. The design and partial construction has been funded previously and additional construction funding is proposed in FY 95/96 in the amount of \$500,000.

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

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

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

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

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

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

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

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

## **Boulder City**

Projects completed since 1987 include:

**Buchanan Boulevard Channel  
Georgia Avenue Channel  
Hemenway Wash Improvements**

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

## **Mesquite**

The Town Wash Detention Basin was funded by the District in previous years. This project totalled approximately \$4,362,000. In order to complete this sizable project in a timely manner, the funding was expedited. Due to the expedited funding for the Town Wash Detention Basin Project, along with Mesquite's percentage of Phase 1 Flood Control Facilities, no additional projects are proposed on the 10-Year Construction Program.

## **FY 94/95 Project List:**

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

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

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

**Total First Year:           \$4,302,000**

### **Las Vegas (Central Basin and Gowan Planning Areas):**

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

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

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

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

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

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

**Total First Year: \$8,936,000**

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

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

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

**Total First Year: \$1,100,000**

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

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

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

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

**Total First Year: \$14,895,000**

**Outlying Areas:**

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

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

**Total First Year: \$2,800,000**

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**EXHIBIT A**

## Exhibit A

### PHASE 1 CONSTRUCTION PROGRAM

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

**Notes:**

- (a) - Phase 1 Construction Program from "The Master Plan Update of the Las Vegas Valley," dated August 1991, by JMM
- (b) - Phase 1 Construction Program from "The Master Plan Update of the Las Vegas Valley," dated August 1991, by JMM modified by City of Las Vegas
- (c) - Phase 1 Construction Program from "The Master Plan Update of the Las Vegas Valley," dated August 1991, by JMM modified by City of Henderson
- (d) - Phase 1 Construction Program from "Boulder City Flood Control Master Plan ," dated July 1990, by Coe and Van Loo
- (e) - Phase 1 Construction Program from "City of Mesquite Flood Control Master Plan Update," dated October 1991, by CH2M Hill
- (f) - Phase 1 Construction Program totals \$39,083,000 for the Outlying Areas from the following sources :
  - \$5,310,000 - from "Flood Control Master Plan, Moapa Valley, Nevada," dated December 1988, by The Mark Group
  - \$1,863,000 - from "Flood Control Master Plan, Bunkerville, Nevada," dated May 1990, by The Mark Group
  - \$19,800,000 - from "Hiko Springs and Unnamed Wash, Laughlin - Big Bend Area," dated May 1989, by Boyle
  - \$9,640,000 - from "Bridge Canyon Wash Flood Control Master Plan," dated September 1990, by Coe and Van Loo
  - \$2,470,000 - from "Master Plan Update , Outlying Areas," dated September 1991, by G.C. Wallace, the following :
    - Blue Diamond : \$169,881
    - Goodeprings : \$352,737
    - Indian springs : \$594,700
    - Nelson : \$193,810
    - Searchlight : \$405,807
    - Stateline : \$750,892

**EXHIBIT B**

Project P ization (Changes and Additions)

Exhibit B

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

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

EXHIBIT B

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

a) **Population Affected**

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

b) **Assessed Land Value Impacted**

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

c) **Public Perception of Need**

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

d) **Emergency Access and Public Inconvenience**

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

e) **Cost Avoidance**

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

f) **Availability of Other Funding Sources**

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

g) **Interrelationship to Other Projects**

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

h) **Timing and Implementation**

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

i) **Environmental Enhancement**

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

j) **Annual Maintenance Cost**

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

## EXHIBIT C

## Exhibit C

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

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

## Exhibit C

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

file n:\10year\FY94\_95\10yr\_1.xls

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

## Exhibit C

**POSSIBLE IMPACTS TO THE  
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ON THE TROPICANA/FLAMINGO PROJECT**

file n:\10year\FY94\_95\10yr\_1.xls

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

## Exhibit C

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

file n:\10year\FY94\_95\10yr\_1.xls

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

# Exhibit C

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

file n:\10year\FY94\_95\10yr 1.xls

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

## Exhibit C

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

file n:\10year\FY94\_95\10yr\_1.xls

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

## Exhibit C

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

file n:\10year\FY94\_95\10yr\_1.xls

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

## Exhibit C

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

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

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

Exhibit C

file n:\10year\FY94\_95\10yr 1.xls

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

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

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

**Exhibit C**

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

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

**EXHIBIT D**

## Exhibit D

**PHASE 1 CONSTRUCTION PROGRAM**  
**Summary of Funding**

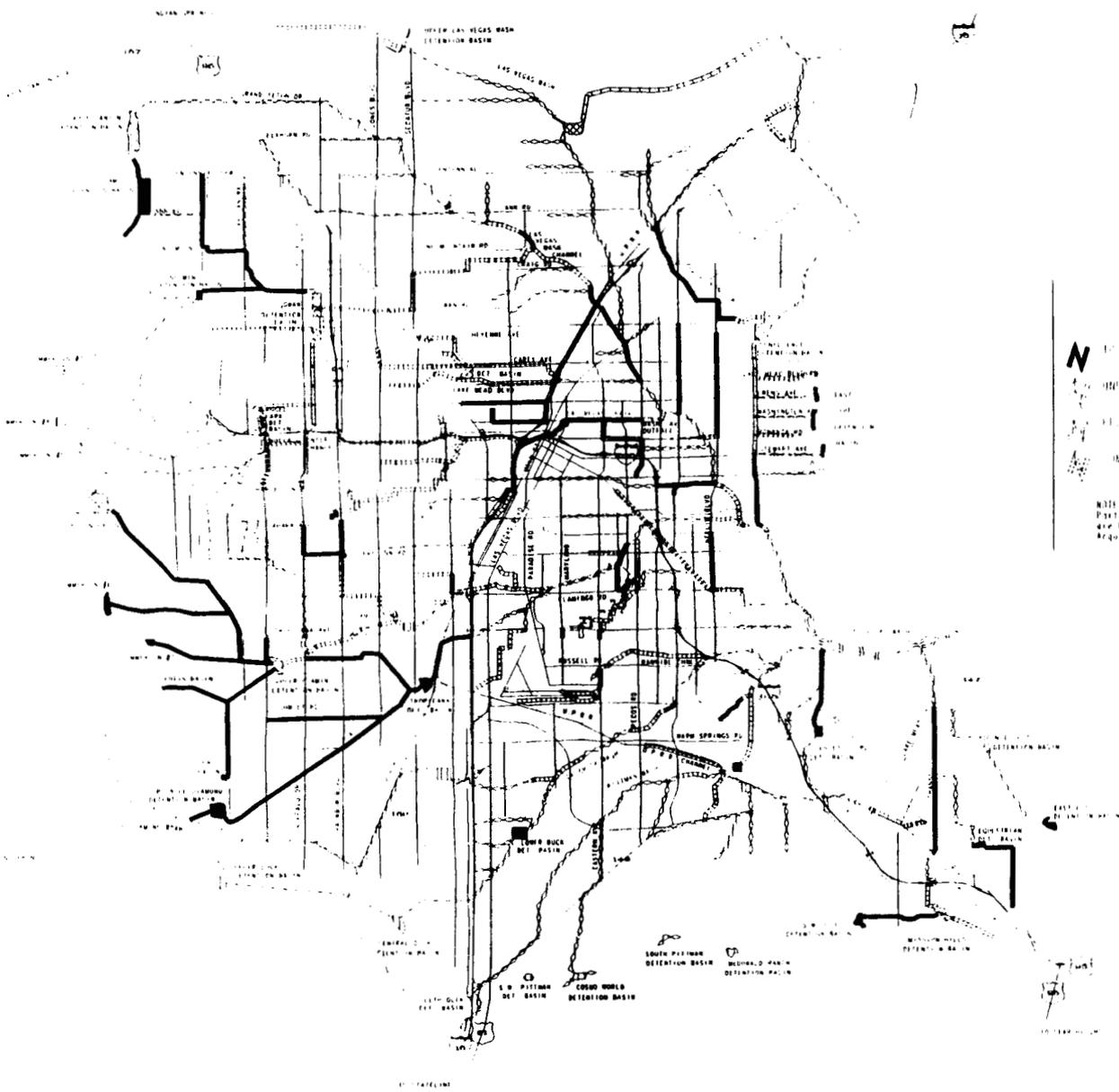
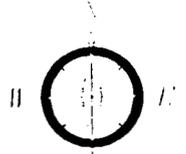
file:n:\10-year\fy94_95\funum94.xls		<i>Current Funding</i>		Funds Remaining on Bond List	Total Funding Programmed and Committed	Funding Proposed on 10-Year Program	Estimated Total Through FY 03/04	Percent of Total	Percent of Total Over (Under) Programmed Amount
Planning Area/Entity	Percent of Phase 1	Funding *	Percent of Funding						
Henderson :	16.3%	\$24,632,557	12.4%	\$5,649	\$24,638,206	\$27,520,000	\$52,158,206	13.6%	(2.7%) (\$10,477,341)
Las Vegas (Central Las Vegas Valley) :	25.3%	\$54,103,229	27.3%	\$0	\$54,103,229	\$37,908,000 (a)	\$92,011,229	24.0%	(1.3%) (\$4,867,582)
Clark County (Southwest Las Vegas Valley) :	23.0%	\$39,953,066	20.2%	\$0	\$39,953,066	\$65,018,778 (b)	\$104,971,844	27.4%	4.4% \$16,719,229
North Las Vegas (Northern Las Vegas Valley) :	23.9%	\$57,220,272	28.9%	\$4,853,000	\$62,073,272	\$31,840,000	\$93,913,272	24.5%	0.6% \$2,440,471
Boulder City :	1.1%	\$6,542,310	3.3%	\$0	\$6,542,310	\$0	\$6,542,310	1.7%	0.6% \$2,424,375
Mesquite :	0.5%	\$4,362,146	2.2%	\$0	\$4,362,146	\$0	\$4,362,146	1.1%	0.6% \$2,371,486
Clark County (Outlying Area) :	9.9%	\$11,340,100	5.7%	\$0	\$11,340,100	\$18,187,000	\$29,527,100	7.7%	(2.2%) (\$8,610,637)
<b>TOTAL</b>	<b>100.0%</b>	<b>\$198,153,680</b>	<b>100.0%</b>	<b>\$4,858,649</b>	<b>\$203,012,329</b>	<b>\$180,473,778</b>	<b>\$383,486,107</b>	<b>100.0%</b>	

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

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

\* Includes Project Close Outs and Present Interlocal Contracts

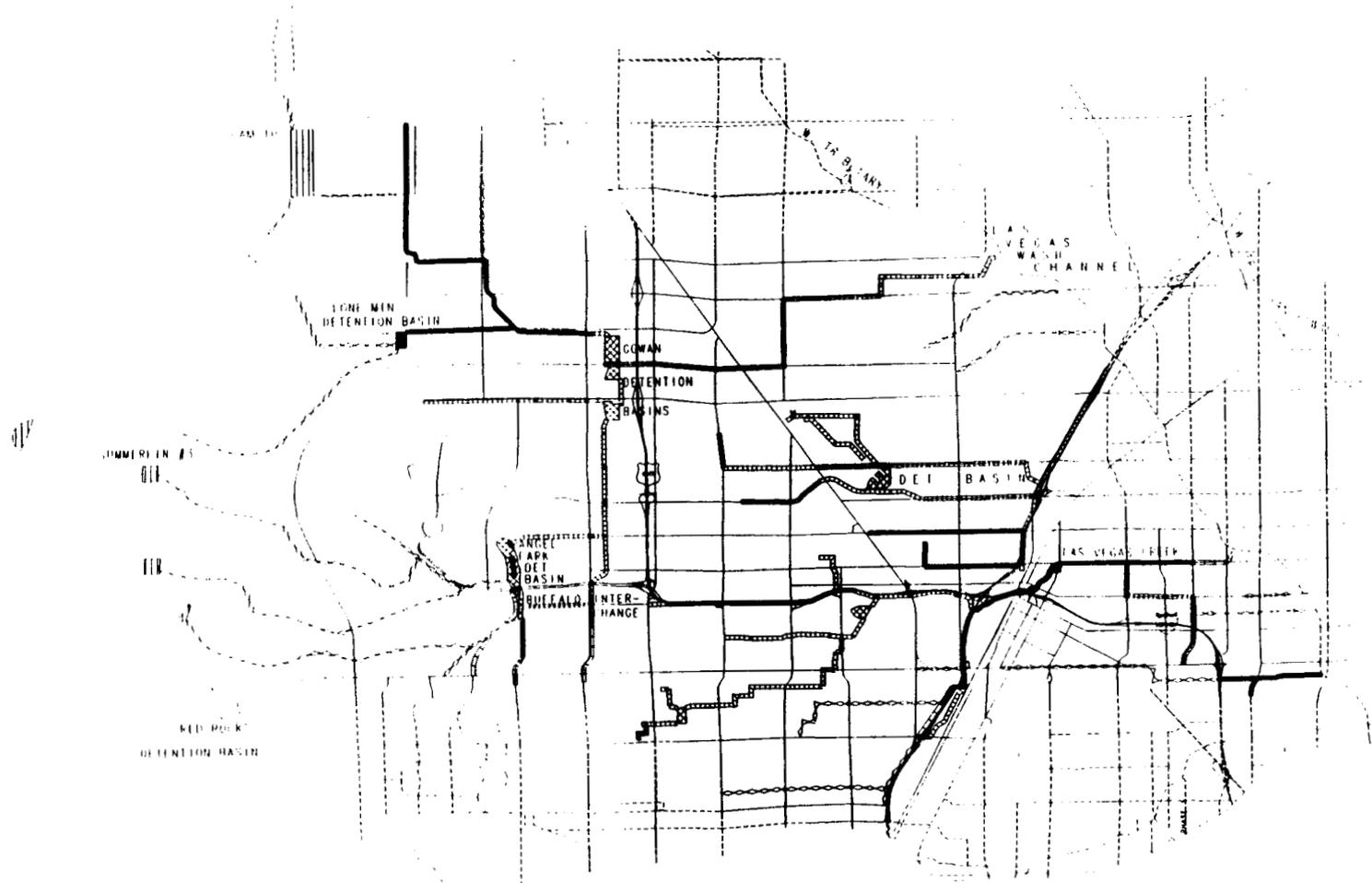
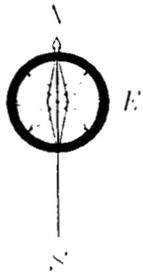
# LAS VEGAS VALLEY TEN-YEAR CONSTRUCTION PROGRAM



MAY 1951  
1:50,000

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# GOWAN AND CENTRAL BASIN PLANNING AREAS



## LEGEND

	10 YEAR PROGRAM	
	UNDER CONSTRUCTION	
	PROPOSED	
	COMPLETED	

NOTE:  
Parts of the 10 Year Escalators  
are Pre design studies of Waste  
Acquisition

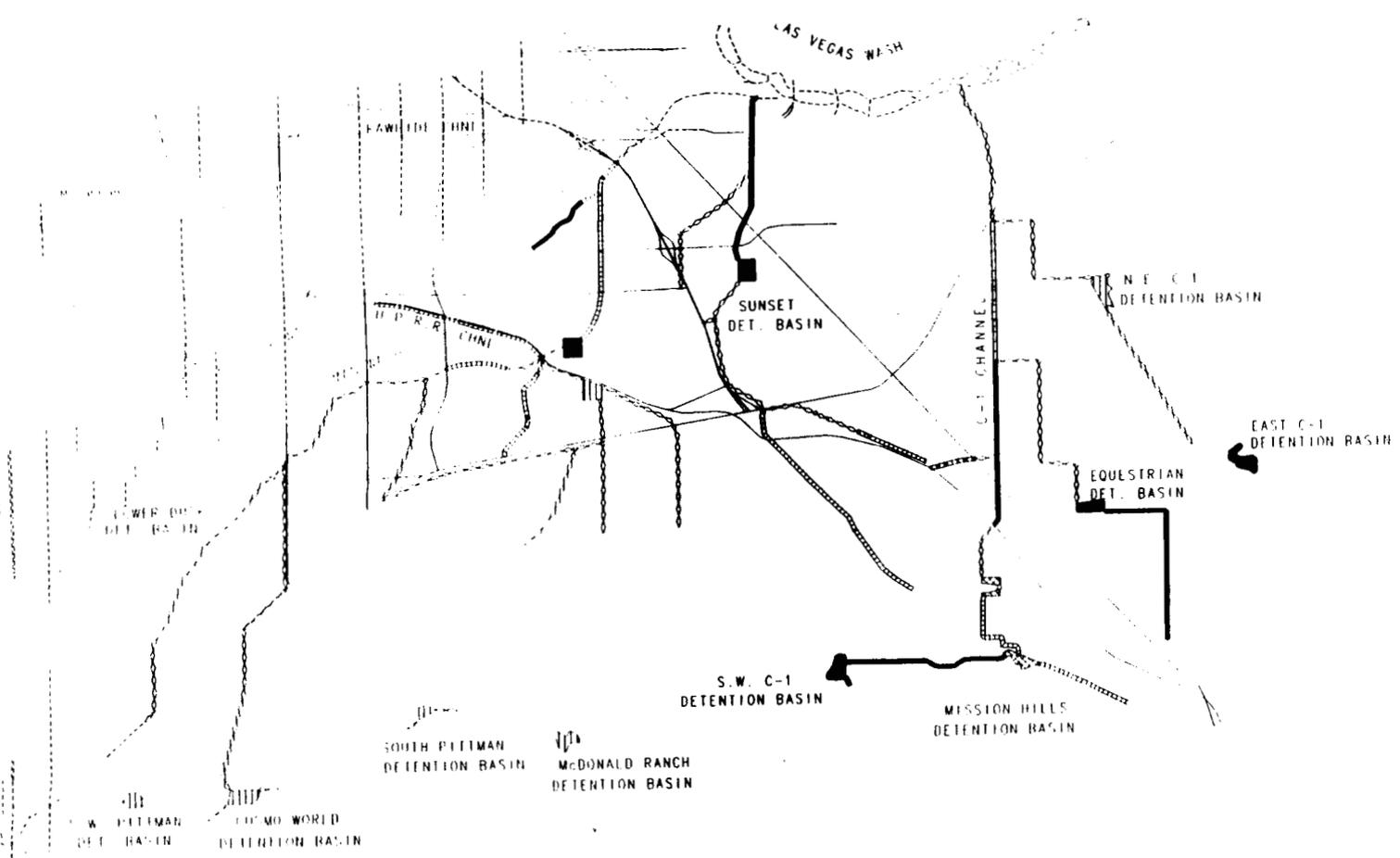
May 1994  
1 1980

DASHED LINES ARE OUTSIDE  
OF THE PLANNING AREA

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ACCURACY OF THE DATA DERIVED  
HEREON



# PITTMAN WASH AND C-1 CHANNEL PLANNING AREAS



**LEGEND**

	10 YEAR FLOOD-FACILITIES	
	UNDER CONSTRUCTION	
	PROPOSED	
	COMPLETED	

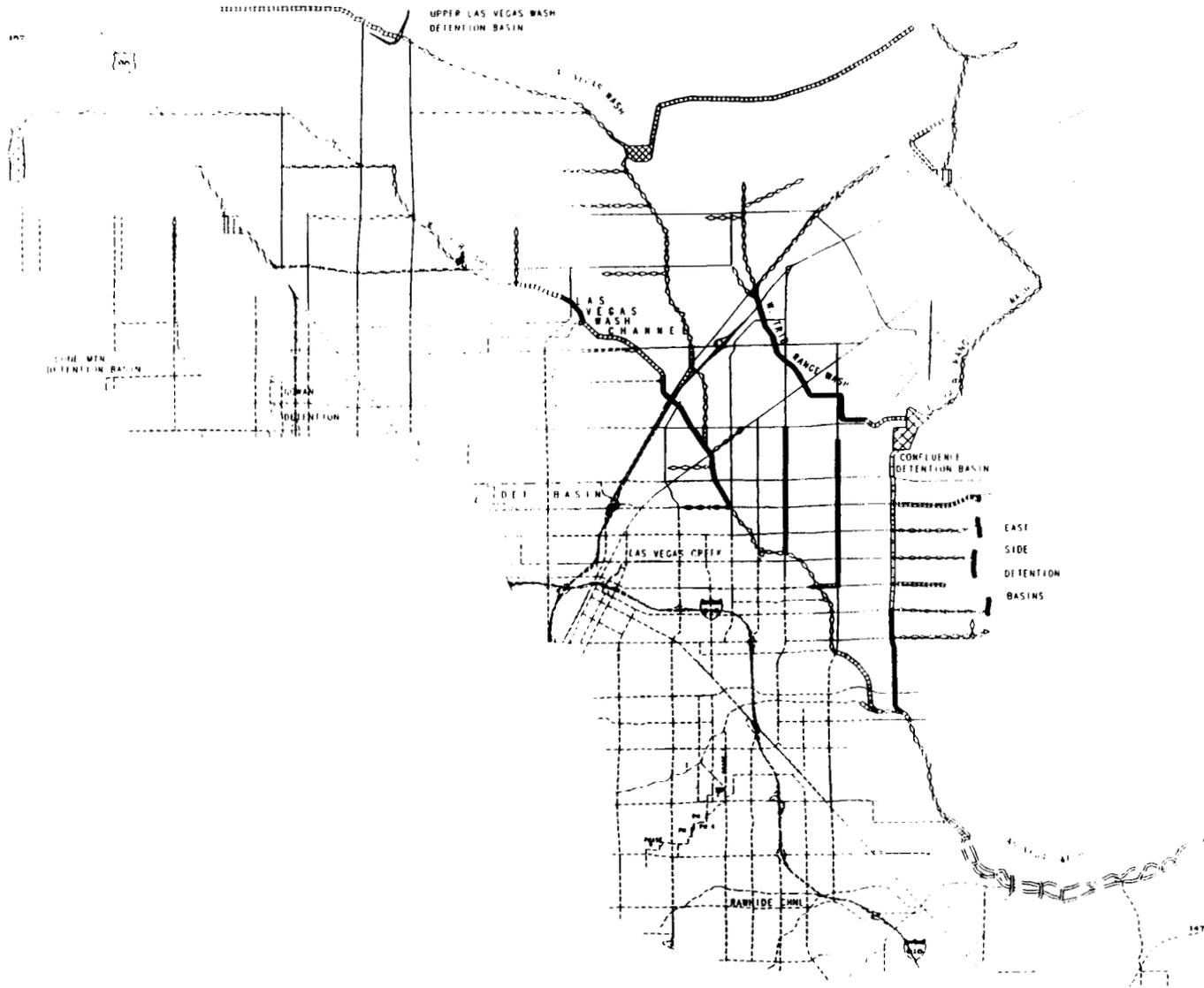
NOTE:  
Parts of the 10 year facilities are Pre design studies or R.O.W. Acquisition

May 1994  
1-8181

DASHED LINES ARE OUTSIDE OF THE PLANNING AREA

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



LEGEND

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

NOTE  
Parts of the 10 Year Estimates  
are Pre-design studies or W.O.W.  
Acquisition

May 1994

1-1179

DASHED LINES ARE OUTSIDE  
OF THE PLANNING AREA

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HEREON

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

AMERICAN LAND CONSERVANCY -  
PUBLIC LAND EXCHANGE AGREEMENT

**RECOMMENDATION SUMMARY**

**STAFF:** To be given at the meeting.

**RFCD AGENDA  
ITEM # 15A  
Date: 07/14/94**

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

PUBLIC LAND EXCHANGE PROPOSED BY AMERICAN LAND CONSERVANCY

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

THAT THE BOARD APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN AGREEMENTS WITH THE AMERICAN LAND CONSERVANCY PROVIDING FOR THE DEDICATION OF AND OPTION TO PURCHASE EASEMENTS REQUIRED FOR FLOOD CONTROL PROJECTS

**FISCAL IMPACT:**

None by this Action

**BACKGROUND:**

On June 14, 1994, the Bureau of Land Management (BLM) issued its Notice of Decision to exchange public lands in Clark County for environmentally sensitive lands offered by the American Land Conservancy (ALC). Features of the U.S. Army Corps of Engineers Tropicana and Flamingo Washes Flood Control Project will be located on some of the public lands included in the exchange. Attachment 1 identifies the land exchange area and the Master Plan facilities identified in that area.

Staff has met with representatives of the BLM and the ALC repeatedly since the District first became aware of the proposed land exchange in an effort to ensure that sufficient public lands are reserved for flood control purposes. Staff has obtained written assurances from the BLM that they will convey the public lands included in this land exchange only to the ALC and not directly to any third parties (Attachment 2). However, BLM's letter of assurance is in apparent conflict with the exchange agreement which allows those lands to be patented directly to third parties. Attachment 2 includes copies of both the Amended and Restated Land Exchange Agreement and the Second Amended and Restated Land Exchange Agreement between the BLM and the ALC. Also included is a copy of the District's response to BLM's letter of assurance.

**RFCD AGENDA  
ITEM # 15A  
Date: 07/14/94**

Staff, with the ALC, has also developed draft agreements providing the District with permanent right-of-way easements for flood control purposes across certain land parcels included in the exchange. Attachment 3 is a draft Agreement between the District and the ALC in which the ALC agrees to grant the District, immediately upon acquisition of title to the selected lands and prior to their conveying those titles to any third parties, permanent right-of-way easements for the construction, operation and maintenance of flood control and/or recreational features. Attachment 4 is the draft Easement and Option Agreement, which is the vehicle that actually provides the right-of-way easements, and also provides the District with the option of purchasing the easements if the District so desires.

Staff was still negotiating with the ALC on both the language of these Agreements and the identification of the easements at the time the Board agenda was printed. If final language for these Agreements is developed and approved by the District Attorney's office prior to the Board's July 14, 1994 meeting, copies will be provided to the Board immediately.

The ALC land exchange is scheduled to be finalized on July 29, 1994. If staff is not able to negotiate mutually acceptable Agreements with the ALC before the Board's July 14, 1994 meeting, the Board may wish to: 1) direct staff to continue negotiations with the ALC; and/or 2) protest the BLM's Decision on this Land Exchange if continued negotiations appear to be fruitless. Written protests to this land exchange must be filed with the local office of the BLM prior to July 29, 1994. The following agenda item addresses the protest option.

Respectfully submitted,



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

<b>RFCD AGENDA</b> <b>ITEM # 15A</b> <b>Date: 07/14/94</b>
--

**Regional Flood Control District  
AGENDA ITEM DEVELOPMENT**

**Staff Discussion:**

**Date:** 07/06/94

**AMERICAN LAND CONSERVANCY - PUBLIC LAND EXCHANGE AGREEMENT**

The Bureau of Land Management (BLM) has issued its Notice of Decision to exchange public lands in Clark County for lands offered by the American Land Conservancy (ALC). Features of the U.S. Army Corps of Engineers Tropicana and Flamingo Washes Flood Control Project will be located on some of the public lands included in the exchange.

Staff has worked with the ALC to develop draft Agreements providing the District with permanent right-of-way easements for flood control and/or recreational purposes across certain land parcels included in the exchange. Copies of the draft Agreements are included in the backup. Staff was still negotiating with the ALC on both the language of the Agreements and the identification of the easements at the time the Board agenda was printed. If staff is not able to negotiate mutually acceptable Agreements with the ALC before the Board's July 14, 1994 meeting, the Board may wish to direct staff to: 1) continue negotiations with the ALC; and/or 2) protest the BLM's Decision on this land exchange.

**Staff Recommendation:**

To be given at the meeting.

**Discussion by Technical Advisory Committee:**

**AGENDA  
# Date:**

**Recommendation:**

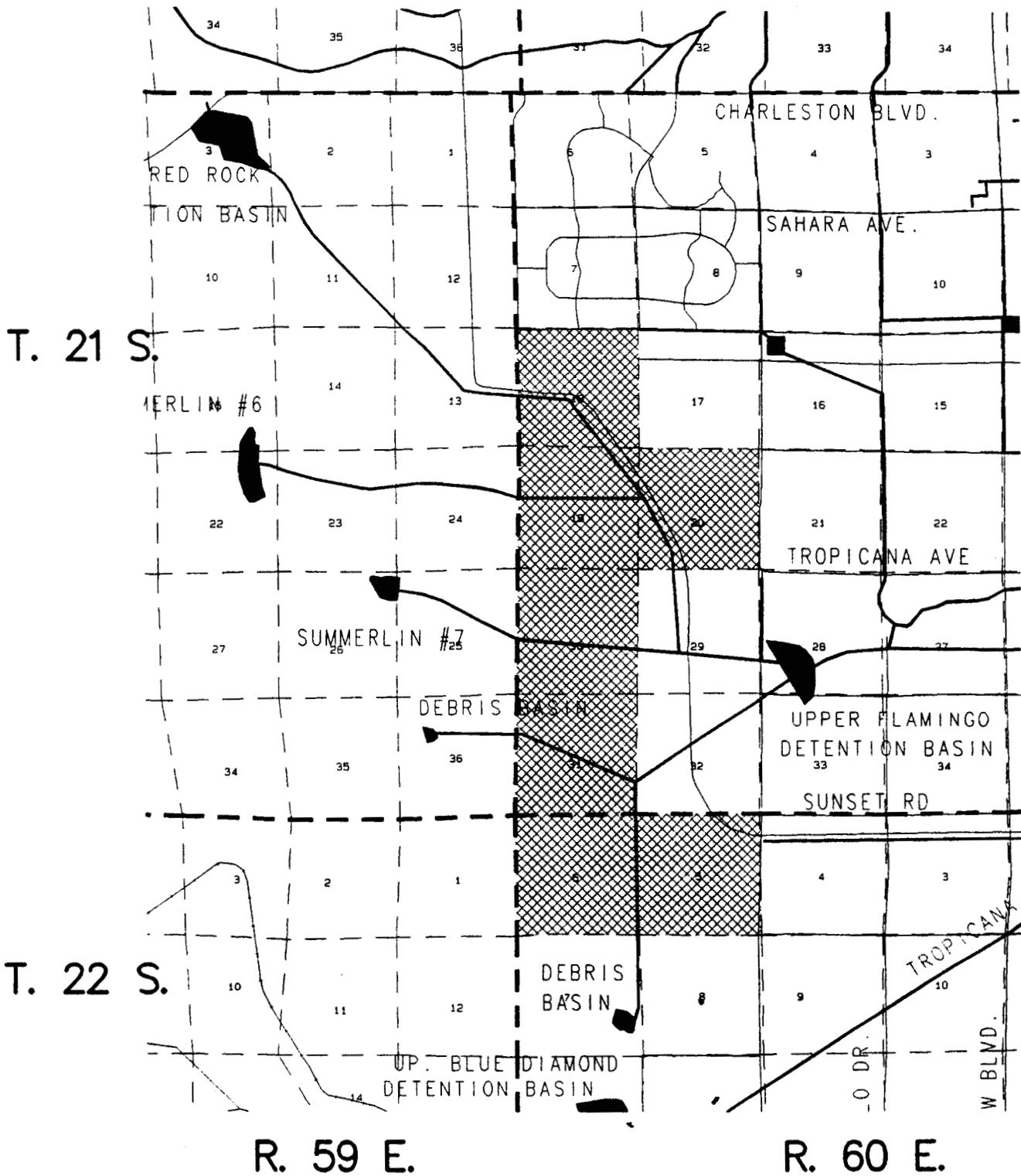
**Discussion by Citizens Advisory Committee:**

**AGENDA  
# Date:**

**Recommendation:**

ATTACHMENT 1

# CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT TEN YEAR CONSTRUCTION PROGRAM



REGIONAL FLOOD CONTROL DISTRICT



BASINS



CONVEYANCE

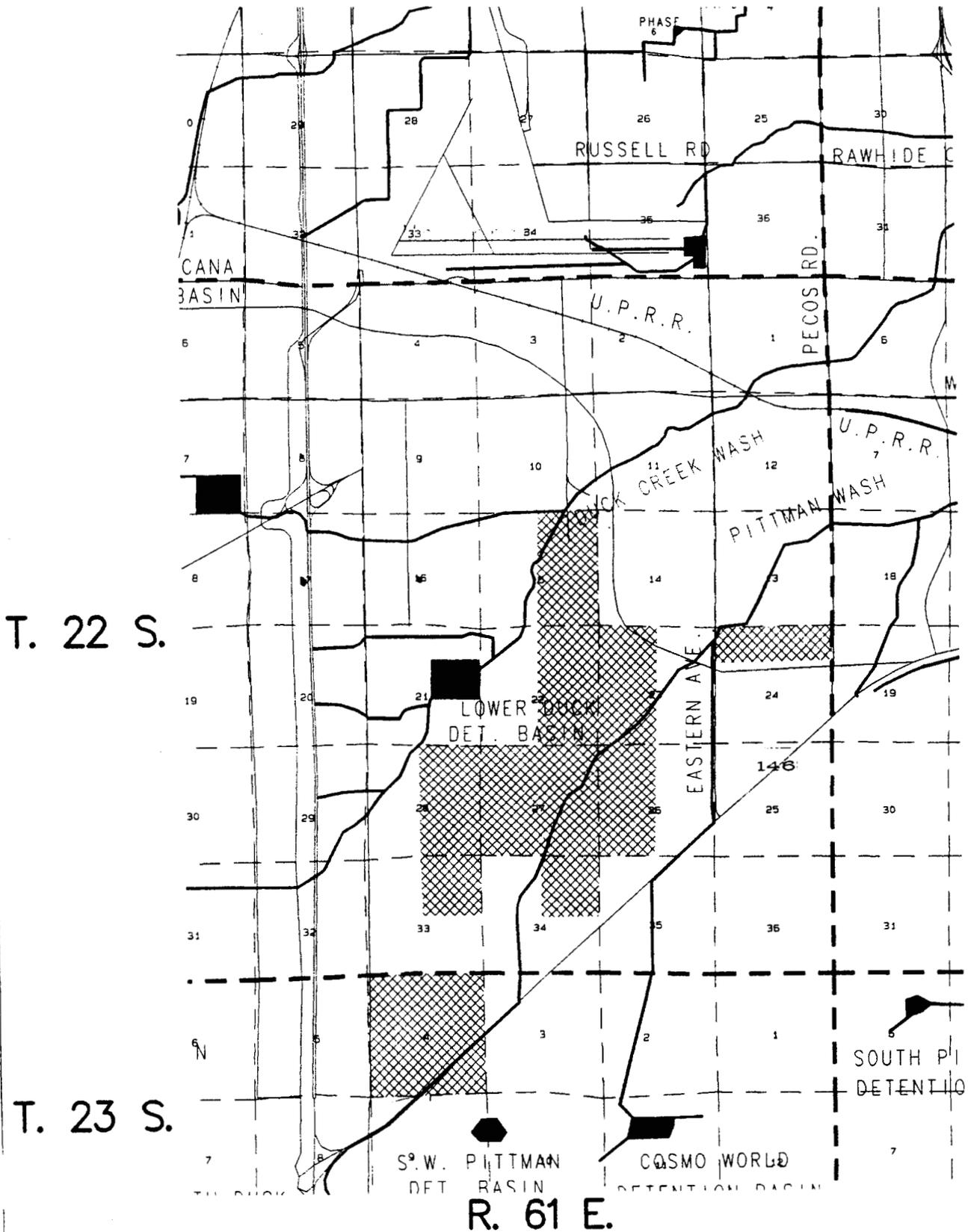


LAND EXCHANGE

EXHIBIT 1

72

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT  
TEN YEAR CONSTRUCTION PROGRAM



REGIONAL FLOOD CONTROL DISTRICT



BASINS



CONVEYANCE



LAND EXCHANGE

EXHIBIT 2

7-7

ATTACHMENT 2



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
NEVADA STATE OFFICE  
850 HARVARD WAY  
P.O. BOX 12000  
RENO, NEVADA 89520-0006



IN REPLY REFER TO

2200  
CA 931.1

- -CORR700 - -

JUL 01 1994

5 JUL 94 9:05

Gale Wm. Fraser II, P.E. General Manager  
Regional Flood Control District  
301 E. Clark Avenue, Suite 301  
Las Vegas, Nevada 89101

Dear Mr. Fraser:

During several meetings and recent correspondence you have requested BLM provide documentation of our agreements regarding protection of the ability of the Flood Control District to protect the ability to build Flood Control Projects on BLM lands involved in a proposed land exchange with the American Land Conservancy under case file N-57877.

You and the ALC are in the process of negotiating agreements that will allow you to preserve the ability to construct on an easement granted to you by them. As a result of our meeting on the June 30, 1994 it appears that the ALC agreement will be completed timely in order to complete the exchange. We are prepared to assist in anyway we can to accomplish the agreement and complete the exchange in a timely manner.

This letter is to confirm the commitment by BLM that we will not convey or patent the lands involved in this exchange to anyone other than the American Land Conservancy. The lands directly affected by your proposed facilities will be patented to the American Land Conservancy. The attached copy of our exchange agreement negotiated several months ago provides further documentation of our intentions and the agreement by ALC to receive the public lands.

During your meeting on June 30, 1994 with the American Land Conservancy, David McIlroy and Larry Sip of the BLM we agreed to provide you a copy of the exchange agreement and a revision of the legal description associated with the exchange, specifically addressing the lands which will not be exchanged at this time, pending your final design of the flood control structures.

Because of the overlapping reservation associated with two different canals which would render the BLM land virtually worthless we will not exchange the E  $\frac{1}{2}$ SW  $\frac{1}{4}$ SW  $\frac{1}{4}$ NE  $\frac{1}{4}$ , E  $\frac{1}{2}$ SW  $\frac{1}{4}$ NW  $\frac{1}{4}$ NW  $\frac{1}{4}$ , W  $\frac{1}{2}$ SE  $\frac{1}{4}$ NW  $\frac{1}{4}$ NW  $\frac{1}{4}$ , W  $\frac{1}{2}$ SW  $\frac{1}{4}$ SW  $\frac{1}{4}$ NW  $\frac{1}{4}$ , E  $\frac{1}{2}$ NE  $\frac{1}{4}$ SW  $\frac{1}{4}$ NW  $\frac{1}{4}$ , N  $\frac{1}{2}$ SE  $\frac{1}{4}$ SW  $\frac{1}{4}$ NW  $\frac{1}{4}$ , Section 31, T. 21 S., R. 60 E., MDM Nevada. We provide these legal descriptions to you to confirm our commitment not to exchange these parcels of public land at this time, but maybe exchanged at a future date once the Flood Control district further defines their easement needs.

This letter addresses all of the requests made by you and your staff from the BLM. If you have any additional questions please feel free to contact Larry Sip in Las Vegas or David McIlnay at (916) 978-4730.

Sincerely,



**Ron Wenker**  
Acting State Director, Nevada

1 Enclosure

1 - Agreement (4 pp)

cc: State Director (McIlnay, CA 931.1)  
Harriet Burgess, ALC  
456 Montgomery Street Suite 1400  
San Francisco, Ca. 94104  
District Manager, NV-050 (Larry Sip) (case file copy)

**AMENDED AND RESTATED LAND EXCHANGE AGREEMENT**  
**Between**  
**BUREAU OF LAND MANAGEMENT and AMERICAN LAND CONSERVANCY**  
**for the**  
**EQUALIZATION OF LAND VALUES**

THIS AMENDED AND RESTATED LAND EXCHANGE AGREEMENT is made <sup>H<sup>2</sup>B</sup> this 1 day of November, 1993, pursuant to Section 206 of the Act of October 21, 1976 (90 Stat. 2758) between the UNITED STATES OF AMERICA, acting through authorized officers of the Bureau of Land Management, hereinafter styled the "BLM", and American Land Conservancy, hereinafter styled the "ALC".

In consideration of the mutual agreements contained herein, the parties agree as follows:

1. BLM and ALC will assemble adequate Non-Federal and Federal acreage in the exchange proposal to equalize the total exchange values of the Non-Federal and Federal lands upon completion of the transactions under this exchange agreement. Values of lands conveyed from the assemblage shall be balanced with land or money at least every 2 years.

2. The ALC will convey to the United States of America by general warranty deed free of lien or encumbrance, except as otherwise approved by BLM, such real estate and all interest therein, situated in the State of California and the State of Nevada as may hereafter be determined by BLM and ALC. In exchange therefore the United States of America agrees to convey to ALC, or to such third party(ies) as may be designated by ALC, by patent issued by the Department of the Interior, such real property and all interest therein, as may hereafter be determined by BLM. ALC and BLM agree that the acceptance by ALC, or by any third party grantee designated by ALC, of the conveyance of title to Federal land by patent issued by the Department of the Interior pursuant to this Agreement shall be deemed to occur only upon the recording of the patent in the official records of the county in which the Federal land is located, and not before such recording.

3. It is anticipated under this agreement, that ALC will convey to the United States subject to title acceptance by the BLM, the Non-Federal lands identified as the Galena Properties, the Massacre Ranch, and other Non-Federal lands located in Nevada; and Non-Federal lands in the State of California identified as the Catellus Development Corporation properties. BLM and ALC recognize that conveyance of the California lands to the United States, as part of the exchange transaction under this Agreement, will require Congressional authorization.

4. It is anticipated under this Agreement that the United States will convey by patent issued to ALC, or to such third party(ies) as may be designated by ALC, certain Federal lands located within the city boundaries of the City of North Las Vegas, Nevada.

5. Title to the Non-Federal and Federal lands will be transferred simultaneously through escrow procedures mutually acceptable to BLM and ALC. At ALC's election, and approval by the BLM, the escrow procedures may provide for conveyance to Non-Federal lands directly from a third party to the United States, pursuant to ALC's exercise of contract rights with respect to the Non-Federal lands; furthermore, at ALC's election, and approval by BLM, the escrow procedures may provide for conveyance of Federal lands directly from the United States to a third party. Any such conveyance will be treated as part of the exchange transactions under this Agreement.

6. BLM acknowledges that, in reliance on this Agreement, ALC anticipates that it will enter into a sale and purchase agreement with the City of North Las Vegas (the "City") substantially in the form of the agreement attached hereto as Exhibit A, and that pursuant to such agreement ALC will designate the City as the third party to acquire the Federal lands described in Exhibit A.

7. BLM will convey Federal lands to ALC so long as the approved appraised value of the conveyed lands does not exceed 125% of the approved appraised value of the Non-Federal lands conveyed by ALC and accepted by BLM; provided, that at the end of each two-year interval during the term of this Agreement, ALC agrees to eliminate any outstanding deficiency between the cumulative value of the conveyed Non-Federal lands and the cumulative value of the conveyed Federal lands either by conveying additional Non-Federal lands or by providing a cash equalization payment to BLM. In the event there is a credit balance in favor of ALC, BLM has the option of conveying additional Federal lands or providing a cash equalization payment to ALC.

8. An assembled land exchange master file and ledger will be established by BLM to track the balances of the exchange transactions and determine equalization needs under this Agreement. At the end of each transaction completed under this Agreement, ALC and BLM will concur in the balances reflected in the ledger.

9. Under the terms of this Agreement, the values of the lands to be conveyed to either party to this Agreement will be fixed as of the date the BLM reviewing appraiser approves the appraisal and determines the fair market value ("FMV") of the lands to be conveyed. The values of Non-Federal lands not identified at the time of execution of this Agreement will be

appraised and, upon review and approval by BLM, the values will be fixed as of the date of approval.

10. The BLM State Directors of California and Nevada and ALC's designated representative shall be the contact parties for all work related to this Agreement. Nothing in this Agreement shall be construed to override delegations of authority in effect within either BLM State Office nor to confer delegations in excess of policies or procedures in effect.

11. It is expressly agreed by both parties that each and every provision of this Agreement is subject to all applicable existing and future laws of the United States, including limitations on authority to conduct an interstate exchange, and to the delegated authority assigned to the BLM.

12. This Agreement shall become effective when signed by the designated representatives of the parties hereto, and shall remain in force until the earlier of: (1) completion of the acquisition of lands identified by BLM as necessary for the management of the exchange program described herein; (2) termination by mutual agreement; or (3) termination by either party upon sixty days notice in writing to the other of its intention to terminate upon a date indicated, provided that any such termination shall be subject to the equalization of total exchange values to the date of such termination as of the date of such termination.

13. Amendments to this Agreement may be proposed by either party consistent with all applicable laws, regulations, and policies in effect at the time of any proposed change and shall become effective upon approval by both parties.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

14. Nothing in this Agreement shall be construed as obligating the BLM to the expenditure of funds, or for the future payment of funds, in excess of appropriations authorized by law.

AMERICAN LAND CONSERVANCY

Dated: ~~October~~ <sup>November</sup> 1, 1993

Harriet Burgess  
Harriet Burgess, President

BUREAU OF LAND MANAGEMENT  
DEPARTMENT OF THE INTERIOR

Dated: ~~October~~ <sup>November</sup> 1, 1993

Billy Templeton  
Billy Templeton,  
Nevada State Director

Dated: ~~October~~ <sup>Nov</sup> 3, 1993

Ed Hastey  
Ed Hastey  
California State Director

**SECOND AMENDED AND RESTATED LAND EXCHANGE AGREEMENT**  
**between**  
**BUREAU OF LAND MANAGEMENT and AMERICAN LAND CONSERVANCY**  
**for the**  
**EQUALIZATION OF LAND VALUES**

THIS SECOND AMENDED AND RESTATED LAND EXCHANGE AGREEMENT ("Agreement") is made as of March 7, 1994, pursuant to Section 206 of the Act of October 21, 1976 (90 Stat. 2758) between the UNITED STATES OF AMERICA, acting through authorized officers of the Bureau of Land Management ("BLM"), and the American Land Conservancy ("ALC").

In consideration of the mutual agreements contained herein, the parties agree as follows:

1. BLM and ALC will assemble adequate Non-Federal and Federal acreage in the exchange proposal to equalize the total exchange values of the Non-Federal and Federal lands upon completion of the transactions under this Agreement. Values of lands conveyed from the assemblage shall be balanced with land or money at least every 2 years.

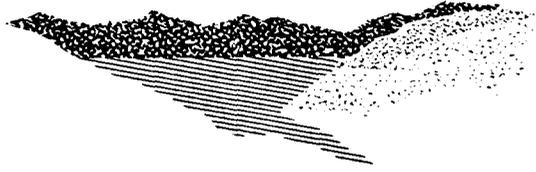
2. The ALC will convey to the United States of America by general warranty deed free of lien or encumbrance, except as otherwise approved by BLM, such real estate and all interest therein, situated in the State of California and the State of Nevada as may hereafter be determined by BLM and ALC. In exchange therefore the United States of America agrees to convey to ALC, or to such third party(ies) as may be designated by ALC, by patent issued by the Department of the Interior, such real property and all interest therein, as may hereafter be determined by BLM with the concurrence of ALC. ALC and BLM agree that the acceptance by ALC, or by any third party grantee designated by ALC, of the conveyance of title to Federal land by patent issued by the Department of the Interior pursuant to this Agreement shall be deemed to occur only upon the recording of the patent in the official records of the county in which the Federal land is located, and not before such recording.

3. It is anticipated under this Agreement that ALC will convey to the United States, subject to title acceptance by the BLM, the Non-Federal lands identified as the Galena Properties, the Massacre Ranch, and other Non-Federal lands located in Nevada; and Non-Federal lands in the State of California identified as the Catellus Development Corporation properties. BLM and ALC recognize that conveyance of the California lands to the United States, as part of the exchange transaction under this Agreement, will require Congressional authorization.

4. It is anticipated under this Agreement that the United States will convey by patent issued to ALC, or to such third party(ies) as may be designated by ALC, certain Federal lands located within Clark County, Nevada.

A

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



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

**BOARD OF DIRECTORS**

**Iris Bletsch**  
Chairman  
City of Boulder City

**Scott Higginson**  
Vice-Chairman  
City of Las Vegas

**Ken Carter**  
City of Mesquite

**Yvonne Atkinson Gates**  
Clark County

**Theron Goynes**  
City of North Las Vegas

**Jan Laverty Jones**  
City of Las Vegas

**Larry Scheffler**  
City of Henderson

**Bruce L. Woodbury**  
Clark County

July 6, 1994

Ron Wenker, Acting State Director  
U. S. Dept. of Interior  
Bureau of Land Management  
P.O. Box 12000  
Reno, Nevada 89520-0006

**Re: American Land Conservancy Land Exchange in Clark County Nevada**

Dear Mr. Wenker:

The Clark County Regional Flood Control District (District) is in receipt of your letter, dated July 1, 1994, regarding the land exchange in Clark County proposed by the American Land Conservancy (ALC). The letter states that Bureau of Land Management will not convey or patent lands included in this exchange to anyone other than ALC. The agreement between ALC and the Bureau, dated November 1, 1993, was attached to the letter as documentation to support BLM's stated position. However, the language in the agreement does not support statements in the letter. In Article 2, the agreement states, "In exchange therefore the United States of America agrees to convey to ALC, or to such third party(ies) as may be designated by ALC, by patent issued by the Department of Interior, such real property and all interest therein, as may hereafter be determined by BLM." This apparent discrepancy is in conflict with what we have been told about the agreement, and is of great concern to the District.

The description of lands that are being withdrawn from this land exchange in the fifth paragraph of the letter is inaccurate and incomplete. The lands described in the letter are listed below:

Section 31, Township 21 South, Range 60 East, M.D.M.

Parcel No.	Legal Description
1.	E1/2 SW1/4 SW1/4 NE1/4
2.	E1/2 SW1/4 NW1/4 NW1/4
3.	W1/2 SE1/4 NW1/4 NW1/4
4.	W1/2 SW1/4 SW1/4 NW1/4
5.	E1/2 NE1/4 SW1/4 NW1/4
6.	N1/2 SE1/4 SW1/4 NW1/4

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

Ron Wenker  
July 6, 1994  
Page 2

The District concurs that Parcels 1, 2, 3 and 5 shall be withdrawn from the land exchange. Parcels 4 and 6 are still part of the land exchange. The District agreed to relocate the alignment of F-2 Channel to the north of Ponderosa Way so that these parcels are no longer encumbered with a 165 ft wide flood control easement. The following two parcels were omitted from the list of parcels to be withdrawn from the land exchange: NE1/4NW1/4SE1/4 and W1/2SW1/4NE1/4SE1/4. In summary, the following are the parcels to be excluded from this land exchange:

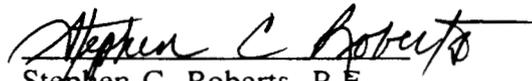
Section 31, Township 21 South, Range 60 East, M.D.M.

1. E1/2 SW1/4 SW1/4 NE1/4
2. E1/2 SW1/4 NW1/4 NW1/4
3. W1/2 SE1/4 NW1/4 NW1/4
4. E1/2 NE1/4 SW1/4 NW1/4
5. NE1/4 NW1/4 SE1/4
6. W1/2 SW1/4 NE1/4 SE1/4

If you have any questions regarding the District's response to your letter, do not hesitate to call.

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

BY:

  
Stephen C. Roberts, P.E.  
Senior Engineer

SCR:mak

cc: Harriet Burgess, American Land Conservancy  
Gary Ryan, Bureau of Land Management  
David McInay, Bureau of Land Management  
Chris Figgins, Clark County

File: ALC

ATTACHMENT 3

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D R A F T  
**AGREEMENT**

This AGREEMENT, dated as of this July \_\_\_, 1994 for reference purposes only, is by and among AMERICAN LAND CONSERVANCY, a California nonprofit public benefit corporation ("ALC") and CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT (the "District").

RECITALS

A. ALC and the United States Department of Interior, Bureau of Land Management ("BLM") have entered into that certain Second Amended and Restated Land Exchange Agreement, dated as of March 7, 1994 as amended March 14, 1994 (the "Exchange Agreement"), which provides for the exchange by BLM of that certain real property located in Clark County, Nevada more particularly described in Exhibit A, attached hereto and incorporated herein by reference (the "Selected Lands"), for certain private lands to be acquired by ALC (the "Exchange").

B. Upon acquisition of the Selected Lands for the United States, ALC intends to immediately convey title to the Selected Lands to certain third party purchasers.

C. The District and the United States Corps of Engineers (the "Corps of Engineers") are planning to construct, operate and maintain certain flood control facilities and/or recreational facilities in the State of Nevada, a portion of which the Corps of Engineers and the District intend to be located on a portion of the Selected Lands.

D. The District will require right-of-ways over certain portions of the Selected Lands for the proposed flood control facilities and/or recreational facilities.

E. To ensure that the Corps of Engineers and the District acquire all rights to the Selected Lands necessary in order for the Corps of Engineers and the District to construct, operate and maintain the flood control facilities and/or recreational facilities on and over the Selected Lands, ALC will grant such necessary right-of-ways to the District immediately upon acquisition of the Selected Lands, pursuant to the terms and conditions set forth herein.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which the parties hereto hereby acknowledge, the parties hereto agree as follows:

1. **(a) Easements.** Immediately upon ALC's acquisition of title to the Selected Lands and prior to ALC's conveyance of title to any of the Selected Lands to any third party, ALC shall grant to the District: (a) a permanent exclusive perpetual freely transferrable, right-of-way easement on, under, in, over and above the Selected Lands, in the locations set forth on Exhibit B attached hereto and incorporated herein by reference (the "Easement Area") for the purpose of constructing, reconstructing, operating, maintaining and repairing flood control facilities and/or recreational facilities as solely determined by the District or holder of the easement thereof; (b) an exclusive right-of-way until construction of the flood control facilities and/or recreational facilities on the Easement Area is completed to use the fifty (50) feet area on each side of the Easement Area for the purpose of constructing the flood control facilities and/or recreational facilities; and (c) an option to the District to purchase, the Easement Area provided that such easement Area will be used for the purpose of constructing, operating and maintaining flood control facilities and/or recreational facilities. The easement right-of-way shall not contain any other restrictions conditions or

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encumbrances and shall be freely transferable.

**(b) No Reservation of Rights.** ALC understands and agrees that no rights are reserved to ALC to use or to authorize other third parties to use the Easement Area, or any portion thereof, without written permission of the District or transferee of the Easement Area which can be withheld for any reason at the sole determination of the District or transferee of the Easement Area. If written permission is obtained it will be only for purposes which are not inconsistent with and which will not unreasonably interfere with the rights herein granted to District as determined solely by the District or transferee of the Easement Area.

2. **Easement and Option Agreement.** On or before the closing of the exchange and as a condition precedent to the closing of the Exchange, ALC shall execute in recordable form and deliver into escrow the Easement and Option Agreement in the form attached hereto as Exhibit C and incorporated herein by reference (the "Easement Agreement"), together with instructions to the escrow holder to record the Easement Agreement in the Official Records of Clark County, Nevada, immediately upon ALC's, acquisition of title to the Selected Lands prior to ALC transferring to any third party so as to bind any owner of the underlying fee in the Easement Area to the Easement Agreement. ALC will insure that said Easement Agreement is properly recorded immediately and will be responsible for failure of the escrow holder to act in accordance with the requirements set forth herein.

Should BLM act contrary to this Agreement and transfer the Selected Land directly to any third party/parties ALC will require and be responsible to insure that on or before closing of the exchange and as a condition precedent to the closing of the exchange, the third party/parties executes in recordable form and delivered into escrow the Easement Agreement

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together with the instructions to the escrow holder to record the Easement Agreement in the Official Records of Clark County, Nevada, immediately upon the third party/parties' acquisition of title to the Selected Lands, prior to any other transfer so as to bind any owner of the underlying fee in the Easement Area to the Easement Agreement. ALC will insure that said Easement Agreement is properly recorded immediately and will be responsible for failure of the escrow holder or third party/parties to act in accordance with the requirement set forth herein.

3. **Representations and Warranties.** ALC hereby represents and warrants to the District as follows:

a. As the exchange proponent identified for the Exchange, ALC intends to acquire title to the Selected Lands directly from BLM and, upon acquisition of title to the Selected Lands from BLM, ALC intends to sell the Selected Lands to third party purchasers.

b. To ALC's best knowledge, the Selected Lands set forth on Exhibit A are all of the federal lands that will be included in the Exchange.

4. **Covenants of ALC.** ALC hereby covenants to the District as follows:

a. ALC shall not take any action to cause title to any of the Selected Lands to be transferred from BLM to any other party other than ALC at the closing of the Exchange. Should BLM transfer the Selected Land directly to third-party/parties ALC will withdraw from the exchange except any third party purchaser that executes, delivers and causes to be duly recorded and be bound by the Easement Agreement immediately following the closing.

b. If any of the Selected Lands identified in Exhibit B are removed from the Exchange for any reason or if any lands currently owned by BLM or any other federal

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agency are added to the Exchange as "Selected Lands." ALC shall provide the District with written notice thereof as soon as reasonably possible.

5. Covenant of the District. The District shall refrain from opposing the Exchange with respect to any matter which specifically relates to the flood control project currently contemplated and shall withdraw any such opposition or objection lodged to the Exchange upon the execution of this Agreement.

6. Condition Precedent. ALC's obligations under this Agreement are expressly conditioned upon the ALC's acquisition of the Selected Lands, or any portion, thereof or upon the BLM transfer of the Selected Lands, or any portions thereof, at ALC direction or influence.

7. Notice. Any notice or other communication in this Agreement provided or permitted to be given by any party to any other party must be in writing and given by depositing the same in the United States mail, addressed to the party to be notified, postage prepaid and registered or certified with return receipt requested, or by delivering the same in person to the party (including delivery by reputable overnight courier with written acknowledgement of receipt). Notice deposited in the mail in the manner described above shall be deemed given two (2) days after deposit thereof in the United States mail; notice personally delivered shall be deemed given as of the date of such delivery. For purposes of notice, the addresses of the parties shall be as follows, unless changed by notice given pursuant to this Section 7:

To ALC:                    American Land Conservancy  
                                  Attn: Harriet Burgess  
                                  456 Montgomery Street, Suite 1450  
                                  San Francisco, California 94104

**DRAFT**

To the District: Clark County Regional Flood Control District  
Attn: Gale Fraser II, PE, General Manager  
301 E. Clark Avenue, Suite 301  
Las Vegas, NV 89101

8. **Entire Agreement; Modification; Waiver.** This Agreement and any agreement, document or instrument referred to herein constitute the entire agreement between the parties hereto pertaining to the subject matter contained in it and supersedes all prior and contemporaneous agreements, representations and understandings of the parties. No supplement, modification or amendment of this Agreement shall be binding unless executed in writing by all the parties hereto. No waiver of any of the provisions of this Agreement shall be deemed, or shall constitute, a waiver of any other provision, whether or not similar, nor shall any waiver constitute a continuing waiver. No waiver shall be binding unless executed in writing by the parties making the waiver.

9. **Counterparts.** This Agreement may be executed in counterparts, each of which shall be deemed an original as against the party signing such counterpart, but which together shall constitute one and the same instrument.

10. **Binding on Successors.** This Agreement shall be binding upon the parties hereto and upon their heirs, personal representatives, assigns, and other successors in interest.

11. **Severability.** If any term or provision of this Agreement is for any reason unenforceable, the remaining provisions shall continue to be given full force and effect.

12. **Further Assurances.** The parties hereto shall execute such additional documents and take such additional actions which are consistent with this Agreement and reasonably

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necessary to carry out the provisions of this Agreement.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of the dates set forth below.

AMERICAN LAND CONSERVANCY, a  
California nonprofit public benefit corporation

\_\_\_\_\_  
Harriet Burgess, President

Date: July \_\_\_\_\_, 1994

CLARK COUNTY REGIONAL FLOOD  
CONTROL DISTRICT

\_\_\_\_\_  
Iris Bletsch, Chairman

Date: July \_\_\_\_\_, 1994

**EXHIBITS:**

- EXHIBIT A - Legal Descriptions of Selected Lands
- EXHIBIT B - Description of Easement Area
- EXHIBIT C - Form of Easement Agreement

**ATTACHMENT 4**

**DRAFT**

DRAFT

EASEMENT AND OPTION AGREEMENT

This EASEMENT AND OPTION AGREEMENT (the "Agreement"), dated \_\_\_\_\_, 1994 for reference purposes only, is by and between AMERICAN LAND CONSERVANCY, a California nonprofit public benefit corporation ("Grantor"), or any other party or parties ("Grantor") and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT (the "District" or "Grantee").

RECITALS

A. Grantor is the owner of that certain real property located in Clark County, Nevada, legally described on Exhibit A attached hereto and incorporated herein by reference (the "Property").

B. The District and the United States Army Corps of Engineers (the "Corps of Engineers") are planning to construct, operate and maintain certain flood control facilities and/or recreational facilities in the State of Nevada, a portion of which will be located on portions of the Property.

C. The District will require an exclusive perpetual right-of-way over the Property to construct, reconstruct, operate, maintain and repair flood control facilities and/or recreational facilities.

D. Grantor desires to grant to the District: (a) an permanent exclusive perpetual freely transferrable right-of-way easement on, under, in, above and over the Property in the locations identified on Exhibit B attached hereto and incorporated herein by reference (the "Easement Area") for the purpose of constructing, operating, maintaining and repairing such

flood control facilities and/or recreational facilities as solely determined by the District or transferee of the easement; (b) an exclusive right-of-way to use the fifty (50) foot area on each side of the Easement Area during Grantee's construction of the flood control facilities and/or recreational facilities; and (c) an option to purchase the Easement Area, each as set forth below.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, and other good and valuable consideration the receipt and sufficiency of which the parties hereto hereby acknowledge, the parties hereto agree as follows:

1. **Perpetual Easement to Easement Area.** Grantor hereby grants and conveys to Grantee, and Grantee hereby accepts, an exclusive perpetual easement right-of-way to construct, operate, maintain and repair flood control facilities and/or recreational facilities in, on, under, above and over the Easement Area. This easement right-of-way shall not contain any other restriction, condition or encumbrance and shall be freely transferable.

2. **Construction Easement.** Grantor hereby grants and conveys to Grantee, and Grantee hereby accepts, an exclusive right-of-way to use the fifty (50) feet area on each side of the Easement Area at all times during Grantee's construction of the flood control facilities and/or recreational facilities in the Easement Area (the "Construction Easement"). The Construction Easement shall terminate upon Grantee's final completion of construction of the flood control channel in the Easement Area.

3. **No Reservation of Rights.** Grantor understands and agrees that no rights are reserved to Grantor to use or to authorize other third parties to use the Easement Area, or any portion thereof, without written permission of the District or transfer of the Easement

**DRAFT**

Area which can be withheld for any reason at the sole determination of the Grantee, District or transferee of the Easement Area. If written permission is obtained it will be only for purposes which are not inconsistent with and which will not unreasonably interfere with the rights herein granted to Grantee as determined solely by the Grantee or transferee of the Easement Area.

4. **Option to Purchase Easement Area.** Subject to the terms, covenants and conditions contained in this Paragraph 4, Grantor hereby grants and extends to Grantee an exclusive and irrevocable option during the Option Period (as defined below) to purchase the Easement Area (the "Option").

a. **Option Purchase Price.** If Grantee exercises the Option during the Option Period, the purchase price for the Easement Area shall be the total amount of One Dollar (\$1.00), which shall be payable by Grantee in cash at the closing of the purchase.

b. **Option Period.** The period of time during which Grantee shall have the right to exercise the Option shall commence on the date of this Agreement and shall terminate on July 14, 2004 (the "Option Period").

c. **Exercise of Option.** At any time during the Option Period, Grantee may exercise the Option by delivering to Grantor written notice to that effect prior to the expiration of the Option Period.

d. **Closing.** The closing of the purchase by Grantee shall occur as soon as possible after Grantee's exercise thereof, and in any event within thirty (30) days of Grantee's exercise thereof. At the closing, Grantor, at Grantor's expense, shall deliver a good and sufficient Grant Deed conveying fee title to the Easement Area to Grantee, subject

only to those easements of record, covenants and restrictions of record, zoning regulations and other exceptions to title that encumber the Easement Area as of the date of this Agreement and such other exceptions to title that are otherwise acceptable to Grantee.

e. Title Insurance. At the close of escrow, Grantee shall be provided, at Grantor's expense, with a CLTA standard form owner's policy of title insurance in the amount of the fair market value of the Easement Area, as mutually agreed by Grantor and Grantee, insuring that fee simple title to the Easement Area is vested in Grantee subject only to the title exceptions set forth in Paragraph 4(d).

f. Condition of Easement Area. The parties hereto acknowledge that Grantee is fully familiar with and knowledgeable of the physical condition of the Easement Area and shall purchase the same in an "AS IS" condition with all faults and without warranty of any kind from Grantor concerning condition, except Grantor shall be responsible at its own costs and expenses to remove any physical condition including, but not limited to, garbage, rubbish, trash or debris placed in the Easement Area by the Grantor, its agents, subcontractor, contractor or representative, employees, officers and predecessors in interest.

g. Closing Expenses. Grantor shall pay all closing costs and expenses incurred in connection with Grantee's purchase of the Easement Area, including without limitation, escrow fees, transfer taxes, recording costs and title insurance costs.

h. Condition to Closing. Grantor and Grantee shall have complied with all state and local subdivision, zoning and land use laws and regulations applicable to the conveyance of the Easement Area to Grantee.

5. Runs With the Land. This Agreement shall be a covenant running with the land

**DRAFT**

and shall bind Grantor, their successors and assigns and inure to the benefit of Grantee, their successors and assigns.

6. Amendments. This Agreement shall not be amended or modified, nor the easement granted herein or the Option terminated, except by mutual written agreement of Grantor and Grantee.

7. Entire Agreement. This Agreement and any agreement, document or instrument referred to herein constitute the entire agreement between the parties hereto pertaining to the subject matter contained in it and supersedes all prior and contemporaneous agreements, representations and understandings of the parties.

8. Notice. Any notice or other communication in this Agreement provided or permitted to be given by any party to any other party must be in writing and given by depositing the same in the United States mail, addressed to the party to be notified, postage prepaid and registered or certified with return receipt requested, or by delivering the same in person to the party (including delivery by reputable overnight courier with written acknowledgement of receipt). Notice deposited in the mail in the manner described above shall be deemed given two (2) days after deposit thereof in the United States mail; notice personally delivered shall be deemed given as of the date of such delivery. For purposes of notice, the addresses of the parties shall be as follows, unless changed by notice given pursuant to this Section 8:

Grantor: American Land Conservancy  
Attn: Harriet Burgess  
456 Montgomery Street, Suite 1450  
San Francisco, California 94104

**DRAFT**

Grantee: Clark County Regional Flood Control District  
Attn: Gale Fraser II, PE, General Manager  
301 E. Clark Avenue, Suite 301  
Las Vegas, NV 89101

9. Successors and Assigns. The provisions hereof shall inure to the benefit of and be binding upon Grantor and Grantee and their respective heirs, successors, and assigns.

10. Counterparts. This Agreement may be executed in any number of counterparts which shall constitute one agreement, notwithstanding that not all signatories have signed each counterpart.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as set forth below.

GRANTOR:  
AMERICAN LAND CONSERVANCY, a  
California nonprofit public benefit corporation

\_\_\_\_\_  
Harriet Burgess, President

Date: July \_\_\_\_\_, 1994

GRANTEE:  
CLARK COUNTY REGIONAL FLOOD  
CONTROL DISTRICT

\_\_\_\_\_  
Iris Bletsch, Chairman

Date: July \_\_\_\_\_, 1994

**EXHIBITS:**

- A - Legal Description of the Property
- B - Legal Description of the Easement Area

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

**PUBLIC LANDS EXCHANGE PROTEST**

**RECOMMENDATION SUMMARY**

**STAFF:**

To be given at the meeting.

**RFCD AGENDA  
ITEM # 15B  
Date: 07/14/94**

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**PUBLIC LAND EXCHANGE PROPOSED BY AMERICAN LAND CONSERVANCY**

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

**THAT THE BOARD DIRECT STAFF TO SUBMIT A WRITTEN PROTEST TO THE BUREAU OF LAND MANAGEMENT REGARDING THEIR DECISION TO EXCHANGE PUBLIC LANDS NEEDED FOR FLOOD CONTROL PROJECTS.**

**FISCAL IMPACT:**

None by this action.

**BACKGROUND:**

On June 14, 1994, the Bureau of Land Management (BLM) issued its Notice of Decision to exchange public lands in Clark County for environmentally sensitive lands offered by the American Land Conservancy (ALC). Features of the U.S. Army Corps of Engineers Tropicana and Flamingo Washes Flood Control Project will be located on some of the public lands included in the exchange.

Staff has met with representatives of the BLM and the ALC repeatedly since the District first became aware of the proposed land exchange in an effort to ensure that sufficient public lands are reserved for flood control purposes. If the District is not able to develop mutually acceptable agreements for the reservation of those lands, staff would then recommend that the District submit a written protest to the BLM regarding their Decision on this land exchange. Written protests to this Decision will be accepted by the BLM until July 29, 1994. If the BLM rejects the District's protest, the District could then appeal the Decision to the Department of Interior's Board of Land Appeals (IBLA).

**RFCD AGENDA  
ITEM # 15B  
Date: 07/14/94**

If the Appeal is rejected, the District's final recourse, as staff understands it at this time, would be to file an injunction and/or appeal the IBLA's decision in Federal Court. A description of the process required to be followed for the filing of Appeals is included in the backup. Also included is a listing of the parcels included in this land exchange which are required by the District for the Corps' project.

If Staff has developed acceptable agreements for the reservations of the required lands and the Board approves and authorizes the Chairman to sign those agreements, no action would be required on this item.

Respectfully submitted,



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

<b>RFCD AGENDA</b> <b>ITEM # 15B</b> <b>Date: 07/14/94</b>
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**Regional Flood Control District**  
**AGENDA ITEM DEVELOPMENT**

**Staff Discussion:**

**Date:** 07/06/94

**PUBLIC LANDS EXCHANGE PROTEST**

The Bureau of Land Management (BLM) has issued its Notice of Decision to exchange public lands in Clark County for lands offered by the American Land Conservancy (ALC). Features of the U.S. Army Corps of Engineers Tropicana and Flamingo Washes Flood Control Project will be located on some of the public lands included in the exchange.

Staff has met repeatedly with representatives of the BLM and ALC in an effort to ensure that sufficient lands are reserved for flood control purposes. If staff is not able to develop mutually acceptable Agreements for the reservation of those lands, staff would recommend that the District submit a written protest to the BLM regarding their Decision on the land exchange. However, if acceptable agreements have been developed, and the Board approves and authorizes the Chairman to sign those Agreements, no action would be required on this item.

**Staff Recommendation:**

To be given at the meeting.

**Discussion by Technical Advisory Committee:**

**AGENDA**  
**# Date:**

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

**AGENDA**  
**# Date:**

**Recommendation:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

INFORMATION ON TAKING APPEALS TO THE BOARD OF LAND APPEALS

DO NOT APPEAL UNLESS

1. This decision is adverse to you,  
AND
2. You believe it is incorrect

IF YOU APPEAL, THE FOLLOWING PROCEDURES MUST BE FOLLOWED

1. NOTICE OF APPEAL . . . . Within 30 days file a *Notice of Appeal* in the office which issued this decision (see 43 CFR Secs. 4.411 and 4.413). You may state your reasons for appealing, if you desire.
2. WHERE TO FILE  
NOTICE OF APPEAL . . . . Bureau of Land Management  
Las Vegas District Office  
P. O. Box 26569  
Las Vegas, NV 89126  
  
SOLICITOR  
ALSO COPY TO . . . . Regional Solicitor Pacific Southwest Region  
U. S. Department of the Interior  
2800 Cottage Way  
Sacramento, CA 95825
3. STATEMENT OF REASONS . . . Within 30 days after filing the *Notice of Appeal*, file a complete statement of the reasons why you are appealing. This must be filed with the United States Department of the Interior, Office of the Secretary, Board of Land Appeals, 4015 Wilson Blvd., Arlington, Virginia 22203 (see 43 CFR Sec. 4.412 and 4.413). If you fully stated your reasons for appealing when filing the *Notice of Appeal*, no additional statement is necessary.  
  
SOLICITOR  
ALSO COPY TO . . . . Regional Solicitor Pacific Southwest Region  
U. S. Department of the Interior  
2800 Cottage Way  
Sacramento, CA 95825
4. ADVERSE PARTIES . . . . Within 15 days after each document is filed, each adverse party named in the decision and the Regional Solicitor or Field Solicitor having jurisdiction over the State in which the appeal arose must be served with a copy of: (a) the *Notice of Appeal*, (b) the Statement of Reasons, and (c) any other documents filed (see 43 CFR Sec. 4.413). Service will be made upon the Associate Solicitor, Division of Energy and Resources, Washington, D.C. 20240, instead of the Field or Regional Solicitor when appeals are taken from decisions of the Director (WO-100).
5. PROOF OF SERVICE . . . . Within 15 days after any document is served on an adverse party, file proof of that service with the United States Department of the Interior, Office of the Secretary, Board of Land Appeals, 4015 Wilson Blvd., Arlington, Virginia 22203. This may consist of a certified or registered mail "Return Receipt Card" signed by the adverse party (see 43 CFR Sec. 4.401(c)(2)).

Unless these procedures are followed your appeal will be subject to dismissal (see 43 CFR Sec. 4.402). Be certain that all communications are identified by serial number of the case being appealed.

NOTE: A document is not filed until it is actually received in the proper office (see 43 CFR Sec. 4.401(a))

The following is a description of lands requested by the District for flood control easements that are included in the ALC land exchange.

1. Section 19, T21S, R60E

W1/2	SE1/4	NW1/4	SW1/4	U.S. Gov. Lot 19	
W1/2	SE1/4	NE1/4	SW1/4		
W1/2	SW1/4	NW1/4	SE1/4		
	SW1/4	NE1/4	SE1/4		
W1/2	SE1/4	NE1/4	SE1/4		7.5 acres

2. Section 30, T21S, R60E

W1/2	NW1/4	SW1/4	SW1/4	U.S. Gov. Lot 32	3.75 acres
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3. Section 30, T21S, R60E

E1/2	NE1/4	SW1/4	SW1/4	U.S. Gov. Lot 29	
W1/2	NW1/4	SE1/4	SW1/4		
W1/2	NE1/4	SE1/4	SW1/4		
W1/2	NE1/4	SW1/4	SE1/4		
E1/2	NE1/4	SW1/4	SE1/4		
W1/2	NW1/4	SE1/4	SE1/4		
W1/2	NE1/4	SE1/4	SE1/4		
E1/2	NE1/4	SE1/4	SE1/4		10.0 acres

4. Section 31, T21S, R60E

E1/2	NE1/4	SE1/4	SE1/4		3.0 acres
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ALC has agreed to withdraw the following Section 31 lands from the land exchange, so the lands will remain under the administration of the BLM.

E1/2	SW1/4	NW1/4	NW1/4	U.S. Gov. Lot 10	
W1/2	SE1/4	NW1/4	NW1/4	U.S. Gov. Lot 11	
E1/2	NE1/4	SW1/4	NW1/4	U.S. Gov. Lot 13	
E1/2	SW1/4	SW1/4	NE1/4		
W1/2	NE1/4	NW1/4	SE1/4		
E1/2	NE1/4	NW1/4	SE1/4		
W1/2	SW1/4	NE1/4	SE1/4		35.0 acres

5. Section 6, T22S, R60E

SE1/4					12.1 acres
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6. Sections 18 & 19, T22S, R60E

A. Section 18

W1/2	NW1/4	SW1/4	SW1/4	U.S. Gov. Lot 32	3.75 acres
E1/2	NW1/4	SE1/4	SW1/4		1.25 acres
E1/2	SW1/4	SE1/4	SW1/4		2.5 acres
SW1/4	SW1/4	SW1/4	SE1/4		5.0 acres

B. Section 19

W1/2	NW1/4	NW1/4	NE1/4		1.25 acres
W1/2	SE1/4	SE1/4	NE1/4		2.5 acres

**TOTAL** **87.6 acres**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

LONE MOUNTAIN DETENTION BASIN - PROGRESS REPORT  
(RESOLUTION OF INTENT NO. 94-3)

**RECOMMENDATION SUMMARY**

**STAFF:** Receive the report.

**TECHNICAL ADVISORY:** Receive the report.

**CITIZENS ADVISORY:** Receive the report.

**RFCD AGENDA  
ITEM # 16  
Date: 07/14/94**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT: PROGRESS REPORT ON PHASE I OF THE LONE MOUNTAIN DETENTION BASIN**

**PETITIONER:  
CITY OF LAS VEGAS**

**RECOMMENDATION OF PETITIONER:  
THAT THE DISTRICT ACCEPT THIS PROGRESS REPORT.**

**FISCAL IMPACT:**

None.

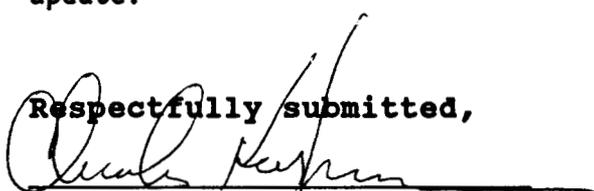
**BACKGROUND:**

On April 14, 1994 the Board adopted Resolution of Intent No. 94-3 to consider entering into an Agreement with the City of Las Vegas to provide funding in an amount not to exceed \$1,269,000 for Phase 1 of the Lone Mountain Detention Basin provided:

1. The Angel Park/Gowan Conveyance System, Gowan Outlet and Outfall, and Gowan Detention Basins are completed and sufficient monies are returned.
2. Private Developers or other non-District sources agree to fund all costs in excess of \$1,269,000.
3. All District requirements are met.

At the April 14, 1994 Board meeting, Councilman Higginson requested an update in three months. The following progress report is submitted to provide that update.

Respectfully submitted,

*for*   
Richard D. Goecke, Director  
Department of Public Works

TAC AGENDA  
ITEM#10  
Date: 6/30/94

RFCD AGENDA  
ITEM#16  
Date: 7/14/94

**Regional Flood Control District**  
**AGENDA ITEM DEVELOPMENT**

**Staff Discussion:**

**Date:** 07/05/94

**LONE MOUNTAIN DETENTION BASIN - PROGRESS REPORT  
(RESOLUTION OF INTENT NO. 94-3)**

On April 14, 1994, the Board approved Resolution No. 94-3 expressing the Board's intent to consider entering into an agreement with the City of Las Vegas to provide funding in an amount not to exceed \$1,269,000 for the construction of Phase 1 of the Lone Mountain Detention Basin. The aforementioned funds would be derived from the funds remaining in three Interlocal Agreements with the City of Las Vegas for projects which are completed. Remaining funds will be provided by a unified group of developers receiving direct benefit from the facility.

This item is included to comply with the Board's April 14, 1994, request to report on the developments of the project. Upon review of the report submitted by the City of Las Vegas, it appears that significant positive progress has been made. Staff is reviewing the Pre-design Report submitted by VTN-Nevada on June 20, 1994. Remaining technical issues, if any, will be identified during review of the Pre-design Report and resolutions will be sought.

**Staff Recommendation:**

Receive the report.

**Discussion by Technical Advisory Committee:**

**AGENDA  
#10 Date: 06/30/94**

**Recommendation:**

Receive the report.

**Discussion by Citizens Advisory Committee:**

**AGENDA  
#10 Date: 07/05/94**

**Recommendation:**

Receive the report.

**PROGRESS REPORT  
FOR  
THE PHASE 1 LONE MOUNTAIN DETENTION BASIN  
by  
City of Las Vegas**

**DEVELOPER AGREEMENTS AND FUNDING**

Ten developers have formed a Limited Liability Company (LLC) to create a legal entity to enter into agreement with the City and Flood Control District according to their attorney, Mr. Edward C. Lubbers, Esq. of Keefer, O'Reilly & Ferrario. The City of Las Vegas does not have a copy of that LLC at this time (June 21, 1994). Mr. Lubbers has also submitted a draft developer participation agreement to the City of Las Vegas. That draft agreement is under review by City legal counsel at this time. It is quite probable that the final agreement will need to be a three way agreement between the Developers, the City and the District since only the District can agree to providing the \$1,269,000 in public funding. Mr. Lubbers has further stated that to the best of his knowledge his clients are ready to fund all Phase 1 Detention Basin costs save the \$1,269,000 proposed as the District's share.

**VTN's PRE-DESIGN REPORT**

A Pre-design Report was completed by VTN-Nevada on June 20, 1994. That report contained three alternatives. The recommended Alternative Number 2 has a shape and volume which are very similar to the Master Plan detention basin. The Phase 1 storage volume is 777 acre-feet and the Master Plan storage volume is 841 acre-feet with sediment storage. The basin extends from Alexander Road on the North to Gowan Road on the south. A diversion levee extends south from Gowan Road to Cheyenne Avenue to collect and convey 100-year flows into the basin. See the attached sketch for the layout of the recommended Alternative 2 Phase 1 Lone Mountain Detention Basin.

The 100-year discharge will be reduced from a total inflow of approximately 3,800 cubic feet per second (cfs) to a total of 350 cfs, 150 cfs down Gowan Road and 200 cfs to Alexander Road. The spillway will be designed for the Probable Maximum Flood (PMF) as required by Nevada Dam Safety. VTN also compared their hydrology to the Montgomery-Watson hydrology used for the District funded pre-design of the entire basin. The hydrologic analysis between the two reports is consistent.

Per VTN, the proposed Phase 1 Basin can be converted to the Master Plan Basin by removing the low level 150 cfs outlet at Gowan Road and building the Master Plan diversion drainage channels in the basin. This would not be necessary until the Outer Beltway was constructed. City of Las Vegas staff believe the conversion would also require excavating the Phase 1 Basin to obtain Master Plan storage volume (an additional 64 acre-feet). This additional storage requirement may be somewhat less if VTN's sediment storage volume and slightly higher peak discharge are accepted.

The SUMMARY/RECOMMENDATIONS section of the VTN report is attached.

## COST SAVINGS

City of Las Vegas staff estimate savings to the District resulting from building the Phase 1 Basin with \$1,269,000 of District funds is about 6.3 million dollars. VTN estimated the cost of this Alternative 2 Phase 1 Basin at \$5,734,000 including right-of-way and 15% contingency or \$4,986,000 without contingency. The VTN pre-design report does not contain a cost estimate to convert the Phase 1 Basin to the Master Plan Basin. To make that estimate, City of Las Vegas staff assumed a cost of \$50,000 to \$100,000 to remove the Gowan outlet. In addition, it is believed about 309,000 cubic yards of excavation will be required. This volume allows for a factor of three (3) for overburden excavation. The estimated cost for excavation at \$5/cy is \$1,545,000. Therefore, the total cost including future retrofitting is approximately \$7,377,000. A Master Plan Basin Cost of \$9,255,200 was used rather than the \$10,462,000 contained in the Montgomery-Watson (M-W) pre-design report (contingency in the M-W estimate was reduced to 15% for compatibility). The cost saving estimate therefore equals \$9,255,200 less \$1,269,000 less \$100,000 less \$1,545,000 equals \$6.3 million.

## EVALUATION OF CONS FROM THE APRIL 14, 1994 BOARD MEETING

1) *...The complexity of the project and the complexity of unifying the commitment from the developer group may not support holding these funds at the expense of expediting other projects.*

The developers continue to show commitment by paying significant costs for pre-design engineering fees. Per their attorney, a Limited Liability Company has been formed. A draft contract has been submitted to the City of Las Vegas. Progress is very good for just over two months' work (from April 14 to June 21, 1994).

2.1) *The project, as proposed, is not considered a Master Plan project.*

While the previous VTN proposal differed significantly from the Master Plan, the new recommended Alternative 2 Phase 1 configuration is very close to the Master Plan configuration:

- The spillway is now to be designed for the PMF.
- The basin lies between Gowan Road and Alexander Road.
- The storage volumes remain close (777 acre-feet for the Phase 1 basin versus 841 acre-feet for Master Plan).
- It should be noted that District staff still questions if the diversion levee will be considered a Master Plan facility.

*2.2 Technical issues still need to be addressed/resolved. Therefore, cost estimates are still being refined.*

The VTN pre-design report addresses the majority of the technical issues such as differences in hydrology from that in the Montgomery-Watson pre-design report and the spillway design flows. A refined cost estimate is also included. As the project moves through final design, it is anticipated that additional questions will be answered and the cost estimate will be further refined.

*2.3) The financial benefit to the District and implementation of the Master Plan has not been adequately addressed.*

Although the estimate should be refined by VTN, City of Las Vegas staff estimates a net savings to the District of \$6.3 million. Refinement is needed to provide more detail on how much additional storage is necessary to reduce the 100-year discharge from 350 cfs for Phase 1 to 130 cfs for the Master Plan facility. A rough grading plan to obtain the additional volume is also needed.

*2.4) The value of the developers' benefit has not been determined relative to their level of participation in the project.*

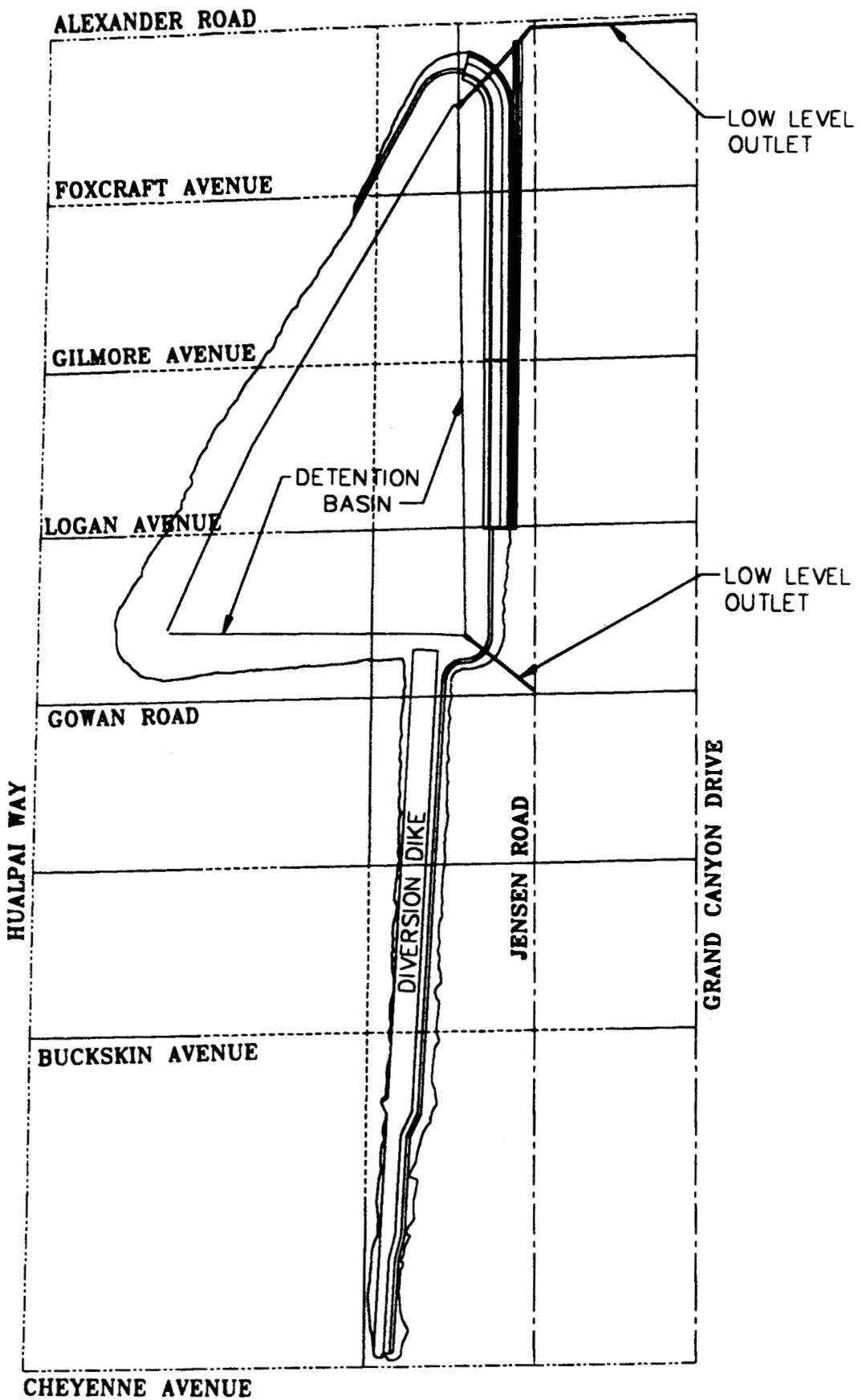
This issue specifically has not yet been addressed but the analysis shows a \$6.3 million saving to the District.

*3) The additional \$1.181 million from Pay-As-You-Go funds will not be available at any certain time.*

This concern is no longer applicable since the Resolution of Intent does not include these funds.

#### OTHER CONCERNS

It is uncertain if right-of-way can be obtained from BLM in as timely a manner as needed for this project. The City of Las Vegas has made application.



OPTION #2

LONE MTN. DETENTION BASIN



W.O. #4340

06/21/94

## **9. SUMMARY/RECOMMENDATIONS**

### **9.1 Summary**

1. The Village 26 Interim Detention Basin can not be removed from the Watershed until subbasin 3A is allowed to follow its natural course to the Red Rock Detention Basin.
2. Alternative 1 to function as the MPU detention basin, will be the most expensive to upgrade. Alternatives 2 and 3 store the MPU storm volume as an interim basin.
3. Alternative 1 has the highest cost for construction, and Alternative 3 has the lowest.
4. Alternative 2 has the smallest impact from detention basin discharges.

### **9.2 Recommendations**

1. Alternative 2 is the recommended alternative to proceed with for design. This alternative will work to provide protection to the downstream inhabitants for the most watershed conditions. The impact of 200 cfs along Alexander Road and 150 cfs along Gowan Road is the smallest impact of all alternatives considered.
2. The basin configuration of Alternative 2 closely resembles the recommended MPU detention basin. This alternative can be modified into the MPU basin by removing the low level discharge at Gowan Road and building the MPU diversion dikes in the watershed.
3. The basin configuration can be modified during the design phase to reduce the amount of excavation required, thus lowering the construction cost of the facility. NDOT's need for material at the Lone Mountain and Ann Road interchanges could also provide a benefit to the construction of the detention basin and help lower the construction cost.
4. The selection of a suitable material for the construction of the PMF spillway will be made during the design phase of the detention basin. A complete geotechnical investigation of the site will be required to find out if RCC is feasible for the spillway and levee protection material.

CLARK COUNTY

REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT: RESOLUTION OF INTENT TO FUND LONE MOUNTAIN DETENTION BASIN AND ROLL OVER ANGEL PARK/GOWAN CONVEYANCE SYSTEM, GOWAN OUTFALL AND CONVEYANCE, AND GOWAN DETENTION BASINS' FUNDS**

**PETITIONER:**

**CITY OF LAS VEGAS**

**RECOMMENDATION OF PETITIONER:**

That the District approve a Resolution of Intent to fund 49% of the Phase 1 Lone Mountain Detention Basin costs and that a portion of these costs be rolled over from the balances remaining from the existing three (3) Interlocal Agreements named above.

**FISCAL IMPACT:**

None.

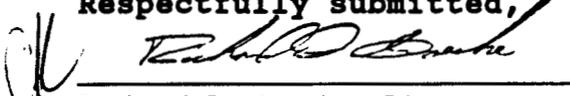
**BACKGROUND:**

The Regional Flood Control District originally funded the construction of the flood control facilities on the Angel Park/Gowan Conveyance System, Gowan Detention Basins, and the Gowan Outfall and Conveyance. However, the cost of constructing these facilities was less than the anticipated amounts. There is approximately \$369,000 remaining in the Angel Park/Gowan Conveyance System Interlocal Agreement, \$315,000 in the Gowan Detention Basins Interlocal, and \$585,000 in the Gowan Outfall and Conveyance Interlocal -- totalling approximately \$1,269,000. All three of these projects are now complete.

As you are well aware, rapid growth of the area west of the Gowan North Detention Basin has created a need to accelerate the Lone Mountain Detention Basin Project which presently is not on the 10-Year Plan. The property owners impacted by the Lone Mountain Detention Basin, which are also downstream of the basin, have formed a group referred to hereafter as Northwest Properties. They have prepared drafts of a predesign report for phased construction of the Lone Mountain Detention Basin. Phase 1 facilities are estimated to cost approximately \$5,000,000 including \$750,000 for right-of-way acquisition. They are willing to contribute \$2,550,000 for 51% of Phase 1 right-of-way acquisition and construction.

The Resolution of Intent is to provide 49% funding for Phase 1 right-of-way acquisition and construction up to a maximum of \$2,450,000. Approximately \$1,269,000 of that funding would be rolled over from the balances on the existing three (3) completed projects in the area. Engineering services will be provided by the developer.

Respectfully submitted,



Richard D. Goetze, Director  
Department of Public Works

TAC AGENDA  
ITEM# 11  
Date: 03/31/94

RFCD AGENDA  
ITEM# 13  
Date: 04/14/94

# Regional Flood Control District

## AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

**Date:** 03/22/94

### LONE MOUNTAIN DETENTION BASIN- RESOLUTION OF INTENT NO. 94-3

The City of Las Vegas has requested that the Board approve a Resolution of Intent (ROI) stating that the District intends to consider entering into an agreement with the City of Las Vegas to provide some funding for right-of-way acquisition and construction of Phase 1 of the Lone Mountain Detention Basin. Additional funding is to be provided by a group of 10 to 15 developers deriving direct benefit from the project. The ROI states that District funding will be in an amount not to exceed \$1,269,000 obtained from the balance remaining of the \$17,436,965 presently committed to the Angel Park/Gowan Conveyance System (\$369,000 from Fund 443), Gowan Outfall and Conveyance System (\$315,000 from Fund 444) and the Gowan Detention Basin (\$585,000 from Fund 443) provided that the following conditions are met: 1) that the referenced projects from which funds are remaining are completed; 2) that the developers agree to fund at least 51% of right-of-way and construction and; 3) all District requirements are met. The District Attorney has reviewed the resolution as to form.

The project will constitute an initial phase of construction of the ultimate Master Planned (MP) Facility. Phase I will not have as much available storage for stormwater and will release flow at approximately four times that of the MP basin within four roadway sections for conveyance 2.5 miles west to the Gowan Detention Basins. The latest estimate of right-of-way and construction costs is approximately \$5,000,000, indicating that an additional \$1,181,000 from fund 443, Pay-As-You-Go (PAYG), will be required to meet the City's contribution to the project at 49%.

#### PROS:

- 1) The opportunity to obtain approximately \$2.5 million from outside sources is worth consideration in accordance with the Board discussion regarding such issues at the February 10, 1994 meeting.
- 2) An increased level of flood protection will be provided earlier than presently planned.
- 3) The ROI is not a binding commitment to provide funding in any amount at any given time, but clearly defines the Board's intent to consider this project and its proposed funding scenario as viable.
- 4) The \$1.269 million is available upon close out of the three referenced projects.

#### CONS:

- 1) A delay in project close outs and/or dedicating PAYG funds for specific projects precludes the most expeditious accrual of PAYG funds for presently prioritized projects; projects which presently meet all requirements for District funding. The complexity of the project and the complexity of unifying the commitment from the developer group may not support holding these funds at the expense of expediting other projects.

**Regional Flood Control District**  
**AGENDA ITEM DEVELOPMENT**

**Staff Discussion:**

**Date:** 04/04/94

LONE MOUNTAIN DETENTION BASIN - RESOLUTION OF INTENT NO. 94-3 (continued)

CONS: (continued)

- 2.1) The project as proposed is not considered a MP project.
- 2.2) Technical issues still need to be addressed/resolved. Therefore, cost estimates are still being refined.
- 2.3) The financial benefit to the District and implementation of the MP has not been adequately assessed.
- 2.4) The value of the developer's benefit has not been determined relative to their level of participation in the project.
- 3) The additional \$1.181 million from PAYG funds will not be available at any certain time.

**Staff Recommendation:**

Staff considers Resolution 94-3 premature at this time due to certain dollar amounts proposed for project costs and the level of participation without resolution of technical issues and other issues as stated in "Cons" above.

**Discussion by Technical Advisory Committee:**

**AGENDA**  
**#11 Date: 03/31/94**

After considerable discussion regarding the resolution, Mr. Goecke moved for approval. The motion failed with the following vote:

3 ayes (City of Las Vegas [2 votes], Mesquite)  
5 nays (Clark County [2 votes], North Las Vegas, Henderson, Boulder City)

A draft copy of the TAC minutes is included in the agenda backup.

**Recommendation:**

None. Motion to approve failed.

**Discussion by Citizens Advisory Committee:**

**AGENDA**  
**#11 Date: 04/04/94**

No quorum.

**Recommendation:**

**RESOLUTION OF INTENT**

**No. 94-3**

**BE IT RESOLVED** by the Clark County Regional Flood Control District that:

**WHEREAS**, Flood Control Facilities for the Angel Park/Gowan Conveyance System, Gowan Outfall and Conveyance System, and Gowan Detention Basins are on the Regional Flood Control District's Master Plan; and

**WHEREAS**, the Regional Flood Control District has funded the engineering for flood control facilities on the Angel Park/Gowan Conveyance Systems, Gowan Outfall and Conveyance System, and Gowan Detention Basins; and

**WHEREAS**, the Regional Flood Control District has provided funding in an amount not to exceed \$4,535,965 for the flood control facilities on the Angel Park/Gowan Conveyance System, \$5,401,000 for the flood control facilities on the Gowan Outfall and Conveyance System, and \$7,500,000 for flood control facilities for the Gowan Detention Basins totalling \$17,436,965; and

**WHEREAS**, favorable bids for the construction of the Angel Park/Gowan Conveyance System, Gowan Outfall and Conveyance System and Gowan Detention Basins have been received by the City of Las Vegas; and

**WHEREAS**, the Angel Park/Gowan Conveyance System, Gowan Outfall and Conveyance System, and the Gowan Detention Basins have been completed; and

**WHEREAS**, said major property owners downstream of the Lone Mountain Detention Basin have committed to providing the construction plans and specifications for the detention basin and appurtenant facilities; and

**WHEREAS**, the City of Las Vegas and Northwest Properties request any balance from the \$17,436,965 currently committed for the Angel Park/Gowan Conveyance System, Gowan Outfall and Conveyance System and Gowan Detention Basins be used for the Lone Mountain Detention Basin, and

**WHEREAS**, the Regional Flood Control District ("District") is willing to consider, at a future date, entering into an agreement with the City of Las Vegas regarding the Lone Mountain Detention Basin Phase 1, using the balance, if any, in an amount not to exceed \$1,269,000 from the projects mentioned above, provided the District's Policies and Procedures are met.

NOW, THEREFORE, be it resolved that the District intends to consider entering into an Agreement with the City of Las Vegas to provide some funding for right-of-way acquisition and construction of Phase 1 of the Lone Mountain Detention Basin ("Project") in an amount not to exceed \$1,269,000 from the balance remaining of the \$17,436,965 committed to the Angel Park/Gowan Conveyance System, Gowan Outfall and Conveyance System, and Gowan Detention Basins in accordance with the District's Policies and Procedures provided the following conditions are met:

1. The Angel Park/Gowan Conveyance System, Gowan Outlet and Outfall, and Gowan Detention Basins are completed and sufficient monies are returned.
2. Private Developers ("Developers") and/or a funding source other than the District agree to fund all costs in excess of \$1,269,000.
3. All District requirements are met.

The District hereby pronounces that this Resolution does not in any way commit the District to provide any funding in any amount, nor does this Resolution commit the District to enter into an Agreement with the City of Las Vegas or any Developers, and this Resolution does not commit the District in any way to the acquisition of rights-of-way for the Project or to construct the Project. Developer and the City of Las Vegas are advised that if they elect to proceed in any way on this Project, they are proceeding at their own risks and that the District may never advance any funds for the Project, including but not limited to funds for right-of-way acquisition or construction of the Project.

This Resolution becomes null and void October 14, 1994 unless extended by the District.

PASSED, ADOPTED and APPROVED this 14 day of April, 1994.

ATTEST:

  
\_\_\_\_\_  
Deanna Lefko  
Secretary

CLARK COUNTY REGIONAL  
FLOOD CONTROL DISTRICT

  
\_\_\_\_\_  
Iris Bletsch  
Chairman

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

RESOLUTION OF INTENT NO. 94-6  
PITTMAN/PECOS AND McDONALD RANCH DETENTION BASINS  
(PTPE 0418 & PTMR 0447)

**RECOMMENDATION SUMMARY**

**STAFF:** Staff does not support this request.

**TECHNICAL ADVISORY:** Approve, with a review in three months and an expiration of six months from the date of Board approval.

**CITIZENS ADVISORY:** Deny.

**RFCD AGENDA  
ITEM # 17  
Date: 07/14/94**

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT: Resolution of Intent to fund the Pittman-Pecos and the McDonald Ranch Detention Basins and Roll Over the Union Pacific Railroad Channel Funds.**

**PETITIONER: City of Henderson**

**RECOMMENDATION OF PETITIONER: That the District approve a resolution of intent to fund approximately one-sixth of the cost of the proposed Pittman-Pecos and McDonald Ranch detention basins, and that a portion of this cost be rolled over from the Union Pacific Railroad.**

**FISCAL IMPACT:** None.

**BACKGROUND:** The Clark County Regional Flood Control District (CCRFCD) originally funded the construction of the Union Pacific Railroad Channel through Henderson. The cost of constructing this facility was less than the anticipated amount by \$450,522.53. This project is now complete.

Rapid growth is occurring in the area south of Lake Mead Drive and west of Gibson Road, particularly in the T-4 and T-6 Local Improvement Districts (LIDs) shown on the attached map. Over the next ten years, we are projecting that approximately 5,000 homes will be built with a population of 13,000 in this area with additional homes and people in adjacent areas outside of the LIDs. A large portion of these two districts is located within flood zone A as shown on the FEMA maps.

The CCRFCD Master Plan identifies two basins, PTPE 0418 and PTMR 0447 which would provide flood control benefits for these areas. In addition, these basins will reduce the peak flows on Pittman Wash. The existing Pittman Wash Channel between the Pittman Park Detention Basin and I-515 was designed to carry the present 100-year flood with no freeboard. Freeboard will be provided by the construction of these and other upstream detention basins. These basins are not on the 10-year program.

The two basins are identified within the LIDs as projects to be funded. The Pittman Pecos basin is identified as ADP-38 in the T-4 District which would contribute \$733,333 to its cost. The basin is also included in the T-6 District as ADP-22 with a contribution of \$366,666. The total LID contribution would be \$1,100,000. The Master Plan cost estimate for this basin is \$3,459,000. Design of this basin is underway and is being funded by a private developer. The McDonald Ranch basin is designated as a phase 2 project in LID T-4 with \$2,304,606 allocated to it. This basin is also included in project ADP-38.

The total District funding for this project under this resolution would be less than 49 percent of the total project cost and would be for design, right-of-way acquisition, and construction. These basins are located on BLM property, from whom right-of-way would have to be acquired.

Respectfully submitted,



Mark T. Calhoun, P.E.  
Director of Public Works

WCC:jn  
June 16, 1994

<b>TAC AGENDA</b> <b>ITEM # 14</b> <b>Date: 6/30/94</b>	<b>RFCD AGENDA</b> <b>ITEM # 17</b> <b>Date: 7/14/94</b>
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# Regional Flood Control District AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

**Date:** 07/05/94

**PITTMAN/PECOS AND McDONALD RANCH DETENTION BASINS-  
(PTPE 0418 & PTMR 0447) RESOLUTION OF INTENT NO. 94-6**

The City of Henderson has requested that the Board approve a Resolution of Intent (ROI) stating that the District intends to consider entering into an agreement with the City of Henderson to provide some funding for design, right-of-way acquisition, and construction of the Pittman/Pecos (MPU structure No. PTPE 0418) and McDonald Ranch (PTMR 0447) detention basins. Additional funding is to be provided by developers deriving direct benefit from the projects. The ROI states that District funding will be in an amount not to exceed \$450,522.53 obtained from the balance remaining from the \$2,600,000 presently committed to the UPRR Channel project (Fund 444), provided that the following conditions are met: 1) that the developers agree to fund 100% of engineering and at least 51% of right-of-way and construction and; 2) all District requirements are met. The District Attorney is reviewing the resolution as to form.

These two projects are currently identified for funding by two Local Improvement Districts (LIDs T-4 and T-6), as follows:

	<u>Pittman/Pecos Detention Basin</u>	<u>McDonald Ranch Detention Basin</u>
LID T-4 Funding	\$ 733,333	\$2,304,606
LID T-6 Funding	<u>366,666</u>	<u>-0-</u>
Total Identified Funding	\$1,100,000	\$2,304,606
 Estimated Master Plan Cost	 \$3,469,000	 \$1,853,500

Design by a private developer is underway for the Pittman/Pecos detention basin. Design of the McDonald Ranch detention basin has not started.

The two subject detention basins will provide flood control benefits for a rapidly growing area south of Lake Mead Drive and west of Gibson Road where 5,000 new homes are expected to be built within the next ten years. In addition, the subject facilities will reduce the peak flows, thereby reducing flow depths in the existing Pittman Channel extending from Arroyo Grande to I-515. This reach of the Pittman Channel was designed to carry present 100-year flows with no freeboard, with the understanding that freeboard would become available as the Master Plan Update is implemented upstream.

**PROS:**

- 1) In accordance with the Board discussion regarding such issues at the February 10, 1994 meeting, the opportunity to obtain funding from outside sources is worth consideration.
- 2) An increased level of flood protection will be provided earlier than presently planned.
- 3) The ROI is not a binding commitment to provide funding in any amount at any given time, but clearly defines the Board's intent to consider this project and its proposed funding scenario as viable.
- 4) The \$450,522.53 is available upon close out of the UPRR Channel project.

**Regional Flood Control District**  
**AGENDA ITEM DEVELOPMENT**

**Staff Discussion:**

**Date: 07/05/94**

**PITTMAN/PECOS AND McDONALD RANCH DETENTION BASINS-  
(PTPE 0418 & PTMR 0447) RESOLUTION OF INTENT NO. 94-6 (continued)**

**CONS:**

- 1) This request is essentially a request to advance the priority of this project ahead of projects presently prioritized or programmed on the Bond List. The Pittman/Pecos and the McDonald Ranch detention basins are not on the 10-Year Construction Program, nor are they currently classified as Phase 1 Facilities. In addition, the subject detention basins are not included on the Bond List or the Bond Contingency List. There are several other projects within the C-1 Planning Area which are progressing toward requests for construction funding and thus might better benefit from the availability of these funds. These projects include the Mission Hills West Interceptor and the C-1 Channel/Drake to Burkholder, both of which appear on the Bond List as part of the Black Mountain/C-1 Channel System; and the Equestrian Detention Basin which is in final design and right-of-way acquisition.
- 2) The importance of the two subject detention basins to the development of the area has already been identified and funding included in the LIDs. It is uncertain if these projects would proceed without the benefit of the excess funding from the UPRR project.
- 3) Staff has been reviewing the Pittman/Pecos detention basin design. At this time there are technical issues which remain to be resolved so that the facility functions similar to the Master Plan facilities. Since the design of the McDonald Ranch detention basin has not been initiated, it is premature to comment technically.
- 4) The financial benefit to the District and implementation of the MP has not been adequately assessed.
- 5) The value of the developer's benefit has not been determined relative to their level participation in the project.

**Staff Recommendation:**

Staff considers Resolution No. 94-6 premature at this time and cannot support the item, due to technical and other related issues as stated in "Cons" above.

**Discussion by Technical Advisory Committee:**

**AGENDA  
#14 Date: 06/30/94**

The TAC approved the resolution, with a three-month review and a six-month expiration from the date of Board approval. The Boulder City representative voted in the negative.

**Recommendation:**

Approve.

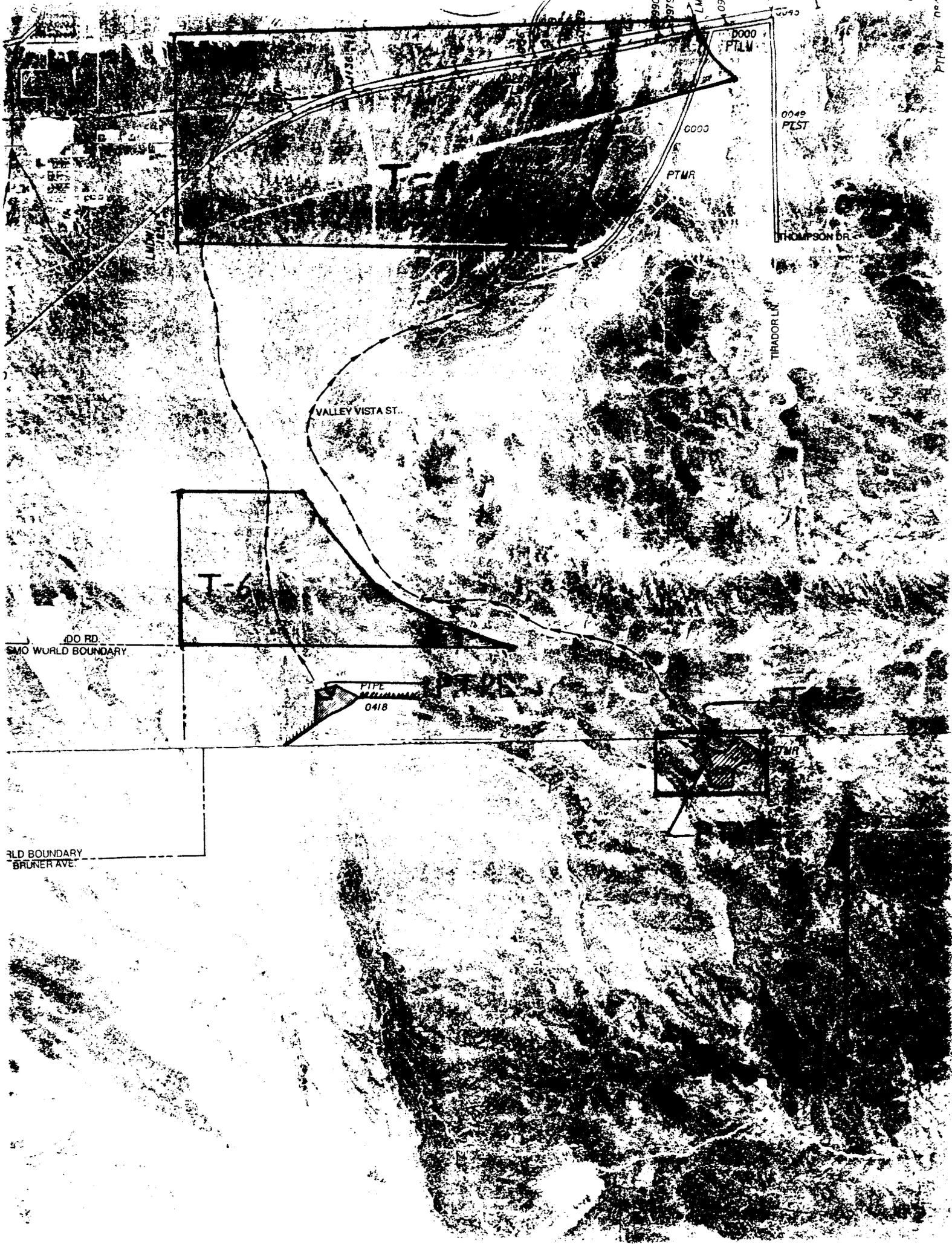
**Discussion by Citizens Advisory Committee:**

**AGENDA  
#14 Date: 07/05/94**

The CAC unanimously voted for denial, stating that the request was premature at this time.

**Recommendation:**

Deny.



1990  
1979  
LMI  
09  
0049  
PTLM



0049  
PTLM

THOMPSON DR

THADOR LN

VALLEY VISTA ST.



DO RD  
SMO WORLD BOUNDARY

PIPE  
0418



PTMR

OLD BOUNDARY  
BRUNER AVE

SOUTH PITTMAN DETENTION BASIN INFORMATION

Master Plan Designation	PTPE	PTMR
Name	South Pittman	McDonald Ranch
Number	0418	0447
Drainage Area (sq mi)	8	4
Inflow (cfs)	3520	2290
Outflow (cfs)	104	110
Storage (AF)	568	306
Outlet RCP (in)	24	24
Spillway (cfs)	35000	23000
Master Plan Costs	\$3,469,000	\$1,794,000
Master Plan Land Costs	\$115,200	\$60,300
T-4 Designation	ADP-38	ADP-38
T-4 Cost	\$733,333	\$2,304,606
		(Phase 2)
T-6 Designation	ADP-22	
T-6 Cost	\$366,666	
Status	Under design	No Progress
Land Owner	BLM	BLM
Area Protected	T-5, T-6, Pebble Road Legacy Golf Course	McDonald Ranch, Lake Mead Dr. Arroyo Grand

**RESOLUTION OF INTENT**

No. 94-6

**BE IT RESOLVED** by the Clark County Regional Flood Control District that:

**WHEREAS**, A flood control facility, the Union Pacific Railroad Channel, is on the Regional Flood Control District's Master Plan; and

**WHEREAS**, the Regional Flood Control District has funded the engineering for the Union Pacific Railroad Channel; and

**WHEREAS**, the Regional Flood Control District has provided funding in an amount not to exceed \$2,600,000 for the construction of the Union Pacific Railroad Channel; and

**WHEREAS**, a favorable bid for the construction of the Union Pacific Railroad Channel has been received by the City of Henderson; and

**WHEREAS**, the Union Pacific Railroad Channel has been completed; and

**WHEREAS**, major property owners downstream of the Pittman-Pecos and McDonald Ranch Detention Basins are committed to providing the construction plans and specifications for the detention basins and appurtenance facilities; and

**WHEREAS**, the City of Henderson and the downstream property owners request any balance from the currently committed amount for the Union Pacific Railroad Channel be used for the Pittman-Pecos and McDonald Ranch Detention Basins; and

**WHEREAS**, the Regional Flood Control District ("District") is willing to consider, at a future date, entering into an agreement with the City of Henderson regarding the Pittman-Pecos and McDonald Ranch Detention Basins, using the balance, if any, in an amount not to exceed \$450,522.53 from the Union Pacific Railroad Channel, provided the District's Policy and Procedures are met.

**NOW, THEREFORE**, be it resolved that the District intends to consider entering into an Agreement with the City of Henderson to provide some funding for right-of-way acquisition and construction of the McDonald Ranch and Pittman-Pecos Detention Basins in an amount not to exceed \$450,522.53 from the balance remaining of the \$2,600,000.00 committed to the construction of the Union Pacific Railroad Channel in accordance with the District's Policy and procedures provided the following conditions are met:

1. Private Developers ("Developers") agree to fund 100 percent of the engineering costs, and at least 51 percent of all right-of-way acquisition and construction costs.
2. All District requirements are met.

The District hereby pronounces that this Resolution does not in any way commit the District to provide any funding in any amount, nor does this resolution commit the District to enter into an Agreement with the City of Henderson or any Developers, and this Resolution does not commit the District in any way to the acquisition of rights-of-way for the Project or to construct the Project. Developer and the City of Henderson are advised that if they elect to proceed any way on this Project, they are proceeding at their own risk and that the District may never advance any funds for the Project, including but not limited to funds for right-of-way acquisition or construction of the Project.

This Resolution becomes null and void \_\_\_\_\_ unless extended by the District.

PASSED, ADOPTED and APPROVED this \_\_\_\_\_ day of \_\_\_\_\_, 1994.

ATTEST:

Clark County Regional Flood Control District

\_\_\_\_\_  
Deanna Lefko, Secretary

\_\_\_\_\_  
Iris Bletsch, Chairman

/jn

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

**AGENDA ITEM**

**SUBJECT:**

FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUT -  
UNION PACIFIC RAILROAD CHANNEL (FUND 444) HEN.03.B.92

**RECOMMENDATION SUMMARY**

STAFF: (April 4, 1994)	Approve.
TECHNICAL ADVISORY: (March 31, 1994)	Approve.
CITIZENS ADVISORY: (April 4, 1994)	No quorum.
BOARD: (April 14, 1994)	Hold the item until the May 1994 meeting.
STAFF: (May 2, 1994)	Approve.
BOARD: (May 12, 1994)	Hold the item until the July 14, 1994 meeting.
STAFF: (July 5, 1994)	Approve.

**RFCD AGENDA**  
**ITEM # 18**  
**Date: 7/14/94**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**

FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUT

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

THAT THE BOARD ACCEPT THE FINAL ACCOUNTING REPORT AND CLOSE OUT THE INTERLOCAL CONTRACT

**FISCAL IMPACT:**

\$450,522.53 - Return to Fund 444

**BACKGROUND:**

A Final Accounting report has been prepared for the Union Pacific Railroad Channel District funded project which has been completed. The attached report represents an accurate accounting of the charges and the remaining balances. Upon approval, no additional funds can be expended for the project.

The final accounting report has been prepared and approved by the corresponding entity for the following project:

<u>PROJECT</u>	<u>ENTITY</u>	<u>BALANCE</u>
Union Pacific Railroad (Construction)	City of Henderson	\$ 450,522.53

Respectfully submitted,

  
\_\_\_\_\_  
Gale Wm. Fraser, II, PE.  
General Manager/Chief Engineer

<b>TAC AGENDA</b> <b>ITEM # 6B</b> <b>Date: 03/31/94</b>	<b>RFCD AGENDA</b> <b>ITEM # 8B</b> <b>Date: 04/14/94</b>
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RFCD AGENDA  
ITEM #18  
DATE: 07/14/94

RFCD AGENDA  
ITEM# 10B  
DATE: 05/12/94

**Regional Flood Control District**  
**AGENDA ITEM DEVELOPMENT**

**Staff Discussion:**

**Date:** 04/04/94

**FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUT - UNION PACIFIC RAILROAD CHANNEL (FUND 444) HEN.03.B.92**

A final accounting report has been prepared for the Union Pacific Railroad Channel project which has been completed. The report represents an accurate accounting of the charges and the remaining balances. Upon approval, no additional funds can be expended for the project.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

**AGENDA**  
**#6B Date: 03/31/94**

**Recommendation:**

Approve.

**Discussion by Citizens Advisory Committee:**

**AGENDA**  
**#6B Date: 04/04/94**

No quorum.

**Recommendation:**

**Regional Flood Control District**  
**AGENDA ITEM DEVELOPMENT**

**Board Discussion:**

**Date:** 04/14/94

FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUT - UNION PACIFIC RAILROAD CHANNEL (FUND 444) HEN.03.B.92

At the request of Councilman Scheffler, the Board unanimously voted to hold this item.

**Board Recommendation:**

Hold until May 14, 1994 meeting.

**Staff Discussion:**

**AGENDA**  
**Date:** 05/02/94

A final accounting report has been prepared for the Union Pacific Railroad Channel project which has been completed. The report represents an accurate accounting of the charges and the remaining balances. Upon approval, no additional funds can be expended for the project and \$450,522.53 will be returned to Fund 444 for future use on projects from the Bond List approved by the Board on July 11, 1991.

**Recommendation:**

Approve.

**Board Discussion:**

**AGENDA**  
**Date:** 05/12/94

The Board held the item until the July 14, 1994 meeting.

**Recommendation:**

Hold.

**Staff Discussion:**

**AGENDA**  
**Date:** 07/05/94

**Recommendation:**

Approve.