

NOTICE OF PUBLIC MEETING
BOARD OF DIRECTORS
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

AUGUST 13, 1992

8:30 A.M.

CLARK COUNTY COMMISSION CHAMBERS

225 EAST BRIDGER AVENUE

LAS VEGAS, NEVADA 89155

FOR ADDITIONAL INFORMATION CONTACT:

VIRGINIA BAX-VALENTINE, P.E., GENERAL MANAGER

301 EAST CLARK AVENUE, SUITE 301

LAS VEGAS NEVADA 89101

455-3139

POSTED: AUGUST 7, 1992

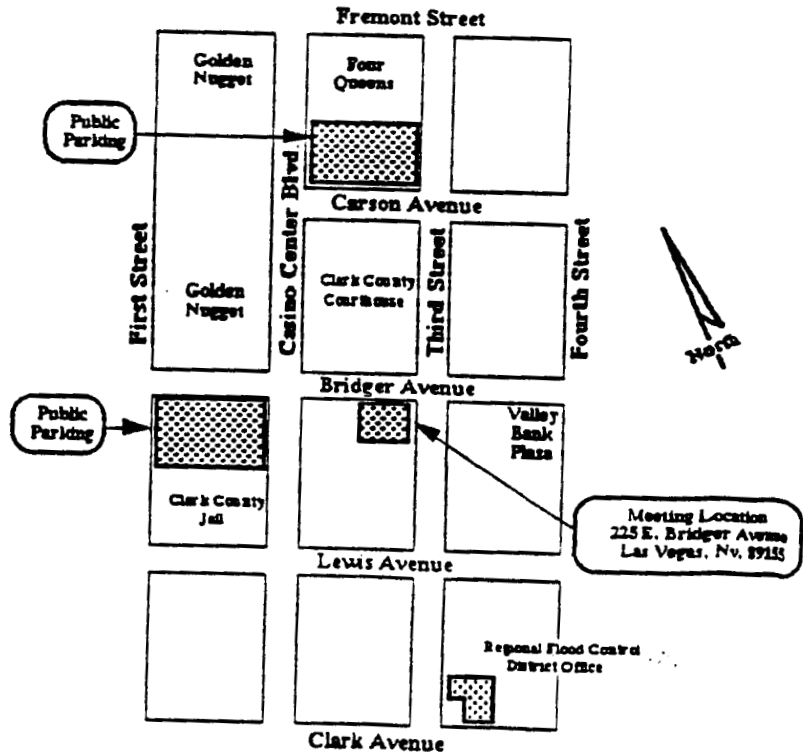
CITY OF NORTH LAS VEGAS
2200 CIVIC CENTER DRIVE
NORTH LAS VEGAS, NV 89030

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: *Jan P. Deane*



AGENDA

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT BOARD OF DIRECTORS AUGUST 13, 1992

I. CALL TO ORDER AND MINUTES

- 1) ACTION TO CALL THE MEETING TO ORDER AND TO APPROVE THE AGENDA
- 2) ACTION TO APPROVE THE MINUTES OF THE REGULARLY SCHEDULED MEETING OF JULY 9, 1992

II. PLANNING

- 3) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN A CONTRACT WITH JAMES M. MONTGOMERY ENGINEERS, INC. FOR PREPARATION OF THE MOAPA VALLEY MASTER PLAN UPDATE
- 4) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN A SUPPLEMENTAL AGREEMENT WITH DAMES & MOORE FOR PREPARATION OF ENVIRONMENTAL ASSESSMENTS FOR THE FLOOD CONTROL FACILITIES IDENTIFIED FOR GOODSPRINGS AND SEARCHLIGHT, NEVADA
- 5) ACTION TO APPROVE A REQUEST BY CLARK COUNTY FOR A VARIANCE FROM THE UNIFORM REGULATIONS FOR THE CONTROL OF DRAINAGE FOR 3699 CATALINA, LAUGHLIN, NEVADA

III. DESIGN AND CONSTRUCTION

- 6) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION OF THE GOWAN DETENTION SYSTEM
- 7) BUFFALO CHANNEL - SUMMERLIN PARKWAY TO VEGAS DRIVE
 - A) ACTION TO ACCEPT A PRESENTATION FROM THE CITY OF LAS VEGAS ON THE BUFFALO CHANNEL - SUMMERLIN PARKWAY TO VEGAS DRIVE

- B) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR CONSTRUCTION OF THE BUFFALO CHANNEL - SUMMERLIN PARKWAY TO VEGAS DRIVE
- 8) MEADOWS - ALTA STORM DRAIN
- A) ACTION TO ACCEPT A PRESENTATION FROM THE CITY OF LAS VEGAS ON THE MEADOWS - ALTA STORM DRAIN (MEADOWS - PHASE V STORM DRAIN)
 - B) ACTION TO APPROVE A REQUEST FROM THE CITY OF LAS VEGAS TO REPRIORITIZE PROJECTS ON THE DISTRICT'S 10-YEAR PLAN AND THE FISCAL YEAR 1992/93 PROJECT LIST
 - C) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR CONSTRUCTION OF THE MEADOWS - ALTA STORM DRAIN (MEADOWS - PHASE V STORM DRAIN)
- 9) ACTION TO APPROVE A REQUEST FROM THE CITY OF LAS VEGAS TO REPRIORITIZE PROJECTS ON THE DISTRICT'S 10-YEAR PLAN AND THE FISCAL YEAR 1992/93 PROJECT LIST (FREEWAY CHANNEL - SAHARA AVENUE TO IVANHOE WAY)
- 10) LOGAN WASH CHANNEL:
- A) ADOPTION OF CLARK COUNTY'S RECOMMENDATION TO APPROVE A RIGHT-OF-WAY ACQUISITION NEGOTIATED SETTLEMENT FOR THE LOGAN WASH CHANNEL
Generally located in the S1/2 of the SE1/4 of Section 27, Township 15S, Range 67E. Proposed settlement is dedicated right-of-way in exchange for modifying the plans for the project. Parcel No. 690-800-001. Owner: Carson Wayne Newton
 - B) ACTION TO APPROVE A REQUEST FROM CLARK COUNTY FOR CHANGE ORDER NO. 1 FOR THE LOGAN WASH CHANNEL

- C) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION OF THE LOGAN WASH CHANNEL, MOAPA VALLEY
- 11) VAN BUSKIRK CHANNEL
 - A) ACTION TO ACCEPT A RECOMMENDATION FROM CLARK COUNTY FOR AWARD OF BID FOR THE VAN BUSKIRK CHANNEL PHASE III PROJECT
 - B) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR DESIGN OF THE VAN BUSKIRK CHANNEL IMPROVEMENTS
 - 12) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION OF THE UNION PACIFIC RAILROAD CHANNEL
 - 13) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE FOURTH SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE LAS VEGAS WASH BETWEEN CRAIG ROAD AND CIVIC CENTER DRIVE
 - 14) ACTION TO APPROVE A REQUEST FROM THE CITY OF BOULDER CITY FOR CHANGE ORDER NO. 2 ON THE HEMENWAY VALLEY WASH FLOOD CONTROL IMPROVEMENTS
 - 15) ACTION TO APPROVE A REQUEST FROM THE CITY OF LAS VEGAS FOR CONTRACT MODIFICATION NO. 1 ON THE WASHINGTON AVENUE CONVEYANCE SYSTEM - SANDHILL ROAD OUTFALL STRUCTURE

IV. ADMINISTRATION

- 16) DISCUSSION AND POSSIBLE ACTION TO AUTHORIZE THE GENERAL MANAGER TO SUBMIT A BILL DRAFT REQUEST
- 17) ACTION TO APPROVE AN AMENDMENT TO SECTION 34.030 (c) OF THE UNIFORM REGULATIONS FOR THE CONTROL OF DRAINAGE

- 18) DISCUSSION AND POSSIBLE ACTION TO APPROVE AN AMENDMENT TO SECTION 6.1 (f) OF THE DISTRICT'S POLICIES AND PROCEDURES
- 19) ACTION TO ACCEPT THE FOURTH QUARTER STATUS REPORTS FOR FY 1991/92 ANNUAL MAINTENANCE WORK PROGRAMS IN CLARK COUNTY AND THE CITIES OF BOULDER CITY, HENDERSON, LAS VEGAS, MESQUITE AND NORTH LAS VEGAS
- 20) ACTION TO ACCEPT THE PROJECT STATUS REPORTS
- 21) DISCUSSION AND POSSIBLE ACTION CONCERNING PROJECT DELAYS
- 22) ACTION TO ACCEPT THE FINANCIAL REPORTS
- 23) ACTION TO ACCEPT THE FINAL ACCOUNTING REPORT AND THE PROJECT CLOSEOUTS
- 24) 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

**MINUTES
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
BOARD OF DIRECTORS
JULY 9, 1992**

MEETING NOTICES: Public Notices of the meeting were posted July 2, 1992, by Jon Downer of the Regional Flood Control District in the following locations: Las Vegas City Hall, North Las Vegas City Hall, Clark County Bridger Building, and the Clark County Regional Flood Control District offices.

Public Notices of the meeting were also mailed on July 2, 1992 to the cities of, Boulder City, Henderson, Laughlin, and Mesquite for posting on community notice boards.

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

MEMBERS EXCUSED: Thalia M. Dondero, Vice-Chairman, Clark County

STAFF: Virginia Bax-Valentine, General Manager
Deanna Lefko, Management Analyst I
Timothy E. Sutko, Senior Hydrologist
Catherine Razor, Project Administration Coordinator
Chris Figgins, Deputy District Attorney
Dennis Johnson, Manager, Business & Finance
Chrisell Anderson-Jones, Word Processor

INTERESTED PARTIES: Denis Cederburg, Clark County Public Works
John Catanese, Clark County Public Works
Kurt Weinrich, Regional Transportation Commission

I. CALL TO ORDER AND MINUTES

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

The meeting was called to order at 8:37 a.m.

Councilman Bletsch moved to approve the agenda. There being no further discussion, the motion carried unanimously.

VOTE: 6 AYES - 0 NAYS

2) ACTION TO APPROVE THE MINUTES OF THE REGULARLY SCHEDULED MEETING OF JUNE 11, 1992

Councilman Bletsch moved to approve the minutes. There being no further discussion, the motion carried.

VOTE: 6 AYES - 0 NAYS

3) ACTION TO ELECT A CHAIRMAN, VICE-CHAIRMAN, AND A SECRETARY TO THE BOARD

Ms. Bax-Valentine stated that staff recommends re-electing Deanna Lefko as Secretary to the Board. Commissioner Woodbury moved to re-elect Michael Harris as Chairman, Thalia M. Dondero as Vice-Chairman, and Deanna Lefko as Secretary. There being no further discussion, the motion carried.

VOTE: 6 AYES - 0 NAYS

II. PLANNING

4A) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN A CONTRACT WITH G. C. WALLACE ENGINEERING INC. TO PREPARE A RIGHT-OF-WAY ACQUISITION PLAN FOR THE TROPICANA/FLAMINGO WASHES PROJECT - AREA 1

Ms. Bax-Valentine stated that staff had negotiated a professional services contract with G. C. Wallace for Area 1 (the northern portion of the project) of the Corps of Engineers' Tropicana/Flamingo Washes Project. The contract was reviewed by the District Attorney's office and staff recommended approval.

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

VOTE: 6 AYES - 0 NAYS

4B) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN A CONTRACT WITH CHURCH ENGINEERING OF NEVADA, INC. TO PREPARE A RIGHT-OF-WAY ACQUISITION PLAN FOR THE TROPICANA/FLAMINGO WASHES PROJECT - AREA 2

Ms. Bax-Valentine stated that the contract was for the southern half of the Tropicana/Flamingo Washes project. Staff had negotiated a professional services contract with Church Engineering of Nevada, Inc., which had been reviewed by the District Attorney's Office. Staff recommended approval.

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

VOTE: 6 AYES - 0 NAYS

III. DESIGN AND CONSTRUCTION

5) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE SECOND SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE OAKY BOULEVARD DETENTION AND CONVEYANCE SYSTEM

Ms. Bax-Valentine stated that the City of Las Vegas had requested additional funding in the amount of \$50,000 for right-of-way and design engineering costs incurred during the zoning and final preparation of the plans and specifications. The Second Supplemental Interlocal Contract was reviewed by the District Attorney's office and staff recommended approval.

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

VOTE: 6 AYES - 0 NAYS

6A) ACTION TO ACCEPT A PRESENTATION FROM CLARK COUNTY ON THE RAWHIDE CHANNEL CROSSING

Denis Cederburg, Clark County Public Works, introduced John Catanese, the Project Manager, who made a presentation to the Board on the proposed Rawhide Channel Crossings at Pecos Road, Sandhill Road, and Mountain Vista Street, planned for construction this Fall.

In Commissioner Dondero's absence, Chairman Harris commented that this project is one which Commissioner Dondero was interested in seeing completed.

Commissioner Woodbury moved to accept the presentation. There being no further discussion, the motion carried.

VOTE: 6 AYES - 0 NAYS

6B) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION OF THE RAWHIDE CHANNEL CROSSING

Ms. Bax-Valentine stated that staff recommends approval of this request for additional construction funding required for the first phase of this project.

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

VOTE: 6 AYES - 0 NAYS

7) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR DESIGN OF THE SUNSET DETENTION BASIN, COLLECTION SYSTEM AND OUTFALL

Ms. Bax-Valentine explained that this Interlocal Contract will provide pre-design and acquisition funding for the project. Staff recommended approval.

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

VOTE: 6 AYES - 0 NAYS

8) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR DESIGN OF THE RAMPART STORM DRAIN

Ms. Bax-Valentine stated that staff recommends approval of the City of Las Vegas' request for \$65,000 to fund the design of the Rampart Storm Drain.

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

VOTE: 6 AYES - 0 NAYS

9) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR DESIGN OF THE BUFFALO CHANNEL - DOE AVENUE TO WESTCLIFF DRIVE

Ms. Bax-Valentine stated that staff recommends approval of the Interlocal Contract for the design and right-of-way costs for oversizing the Buffalo Channel. She explained that the project is jointly funded with the Regional Transportation Commission.

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

VOTE: 6 AYES - 0 NAYS

10) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE SEVENTH SUPPLEMENTAL INTERLOCAL CONTRACT FOR DESIGN OF THE GOWAN OUTFALL AND CONVEYANCE SYSTEM

Ms. Bax-Valentine stated that staff recommends approval of the request to increase funding by \$26,000 for the Gowan Outfall and Conveyance System project.

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

VOTE: 6 AYES - 0 NAYS

11A) ACTION TO ACCEPT A PRESENTATION FROM CLARK COUNTY ON THE VAN BUSKIRK CHANNEL PHASE V IMPROVEMENTS

Denis Cederburg, Clark County Public Works, made the presentation on Phase V of this six-phase project.

Councilman Bletsch moved to accept the presentation. There being no further discussion, the motion carried.

VOTE: 6 AYES - 0 NAYS

11B) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACT FOR CONSTRUCTION OF THE VAN BUSKIRK CHANNEL PHASE V IMPROVEMENTS

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

VOTE: 6 AYES - 0 NAYS

12) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE INTERLOCAL CONTRACTS FOR FISCAL YEAR 1992/93 ANNUAL MAINTENANCE PROGRAMS IN CLARK COUNTY AND THE CITIES OF BOULDER CITY, HENDERSON, MESQUITE, AND NORTH LAS VEGAS

Ms. Bax-Valentine stated that the City of Las Vegas' Interlocal Contract for their Maintenance Work Program had been approved at the previous Board meeting. She explained that approval would synchronize the work plans with the new fiscal year; therefore, ensuring completion of the work during each fiscal year period. Staff recommended approval of the Maintenance Work Programs and the Interlocal Contracts.

Chairman Harris moved for approval and authorization of the contracts. There being no further discussion, the motion carried.

VOTE: 6 AYES - 0 NAYS

13) ACTION TO APPROVE A REQUEST FROM THE CITY OF LAS VEGAS FOR A CONTRACT MODIFICATION ON THE BUFFALO CHANNEL - WESTCLIFF DRIVE TO SUMMERLIN PARKWAY

Ms. Bax-Valentine stated that the increase in costs will allow the City's contractor to begin working 24-hour shifts on the precast structures, resulting in a minimal disturbance in road access and traffic flow. Staff recommended approval.

Councilman Higginson moved for approval, commenting that this would allow the work to be completed in about two (2) working days. There being no further discussion, the motion carried.

VOTE: 6 AYES - 0 NAYS

14) ACTION TO APPROVE A REQUEST FROM THE CITY OF MESQUITE FOR CHANGE ORDER NO. 2 ON THE TOWN WASH DETENTION BASIN

Ms. Bax-Valentine stated that the Town Wash Detention Basin is now complete and this final change-order, for approximately \$76,651.73, brings all the quantities up to what they actually were in the field. Staff recommended approval.

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

VOTE: 6 AYES - 0 NAYS

III. ADMINISTRATION

15) ACTION TO APPROVE THE PURCHASE OF A WEATHER RADAR RECEIVER

Ms. Bax-Valentine stated that the \$18,175 request is to purchase a special piece of weather-related equipment. She explained that NRS 332.115 paragraph 1 (a), allows the purchase to be exempt from the competitive bidding process. The District Attorney reviewed the item and staff recommended approval.

Councilman Bletsch moved to approve. There being no further discussion, the motion carried.

VOTE: 6 AYES - 0 NAYS

16) ACTION TO APPROVE THE PURCHASE OF FLOOD WARNING/DATA COLLECTION EQUIPMENT

Ms. Bax-Valentine explained that this purchase, in the amount of \$52,834, is primarily for alert and precipitation gauge equipment. The equipment will be installed during the 92/93 fiscal year. She explained that NRS 332.115 paragraph 1 (d), allows the purchase to be exempt from the competitive bidding process. The District Attorney reviewed the item and staff recommended approval.

Councilman Higginson asked if the equipment is to replace existing equipment. Ms. Bax-Valentine stated that the equipment will be used for new sites.

Councilman Bletsch moved to approve. There being no further discussion, the motion carried.

VOTE: 6 AYES - 0 NAYS

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

Ms. Bax-Valentine stated that all the combined streamgauge stations are cooperatively funded with the USGS. She explained that the District has an annual contract with the USGS to provide for the maintenance of those stations and the District's portion of the contract for the 92/93 fiscal year is \$112,500. Staff recommended approval.

Chairman Harris moved to approve. There being no further discussion, the motion carried.

VOTE: 6 AYES - 0 NAYS

18) ACTION TO APPROVE THE PURCHASE OF IDENTIFIED COMPUTER EQUIPMENT TO UPGRADE THE DISTRICT'S SYSTEM

Ms. Bax-Valentine explained that the purchase, in the amount of \$41,067.31, will allow for the upgrade of the District's system and improve the GIS system's capacity. Staff recommended approval.

Chairman Harris moved to approve. There being no further discussion, the motion carried.

VOTE: 6 AYES - 0 NAYS

19) ACTION TO APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN AN INTERLOCAL CONTRACT WITH CLARK COUNTY AND THE REGIONAL TRANSPORTATION COMMISSION FOR REAL PROPERTY LEASE ADMINISTRATION

Ms. Bax-Valentine indicated that a similar item to continue the lease at the District's current location in Clark Place (301 East Clark, Suite 301) is also on the Regional Transportation Commission's agenda. The District's portion of the shared lease is

\$92,740 and the negotiated contract would extend the current lease for three years. Ms. Bax-Valentine added that in a subsequent agenda item there would be a presentation on other available options. Staff recommended approval of this lease.

Chairman Harris commented that the Board did not have many choices on this particular item. Councilman Higginson asked for clarification on the lease and leasing options. Ms. Bax-Valentine explained that the contract is for a sub-lease with Clark County, which actually holds the lease with Clark Place. She further explained that during discussions held with Clark County, it was conveyed that should the District decide to relocate sometime in the future, the County would have no problem occupying the vacated offices. The arrangement was relatively flexible for the District.

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

VOTE: 6 AYES - 0 NAYS

20) RECEIVE A REPORT ON THE STATUS OF LEASED OFFICE SPACE AND PROJECTED SPACE NEEDS; DIRECT STAFF AS DEEMED APPROPRIATE

Chairman Harris inquired if the RTC and RFCD were going to present a unified report, or if each planned to present a separate report. He called for a legal opinion concerning acceptance of a unified report. Chris Figgins, Deputy District Attorney, commented that Mr. Weinrich could participate in the District's presentation. Chairman Harris commented that this would facilitate action of the RTC's agenda item on the same subject.

Ms. Bax-Valentine stated that four alternatives were identified for future shared office space for the RFCD and RTC. The options were expanded upon in both the agenda back-up and a hand-out titled "Analysis of Option 4." Ms. Bax-Valentine made the presentation, reiterating the written information presented to the Board. She requested that the Board narrow down the alternatives and direct staff to further investigate the second and third alternatives: buying a building versus buying and renovating. She explained that with direction from the Board, staff would be able to provide the Board with firmer costs and timing schedules at a later date.

Councilman Higginson commented that alternatives two or three would be the most viable ones to explore, stating that it would be wise to discontinue leasing as it does not generate anything of value. He pledged the City's efforts and Redevelopment Office staff to assist in locating land and/or a building near the County Government Complex or downtown Las Vegas. Upon Chairman Harris' suggestion and Councilman

Bletsch's concurrence, Councilman Higginson stated that the District could also make an application for funding assistance through the City's Redevelopment Offices. Furthermore, he would assist in arranging a joint meeting to begin the process of looking at the alternatives.

Councilman Bletsch added that today's real estate climate is the very best to begin moving on this project. She further stated that both the RFCD and the RTC need more space, and will continue to grow. With this in mind, she suggested that it may be advantageous to overbuild, renting the excess space to another entity until the space is needed by staff. Councilman Bletsch said that staff should consider building their own meeting chambers, which could also be used by their renters, and to build plenty of parking.

Councilman Higginson asked if parking needs were considered, or if the calculations were based solely on the square footage of office space required. Ms. Bax-Valentine answered that it was for office space requirements.

Chairman Harris agreed that options two and three would be the best to pursue, adding that it would be conducive to relocate the District and the Commission into their own space, the only restriction being that the entities remain downtown.

Responding to Chairman Harris' question concerning whether or not authorization for RFPs would be in order, Ms. Bax-Valentine stated that at this time, it was staff's intention to give the status report and request specific direction on which alternative to pursue. She indicated that an RFP was not required at this stage of investigation.

Councilman Higginson motioned that staff proceed to further investigate the second and third alternatives. Additionally, he suggested staff schedule a presentation for the October or November Board meeting, at which time the alternatives would be reviewed and more specific direction given.

Councilman Goynes inquired if this Board was going to vote before hearing from the RTC, since he was interested in the RTC's point of view as compared to the District's. Kurt Weinrich, Director of the Regional Transportation Commission, addressed the Board stating that his staff had worked very closely with Ms. Bax-Valentine and her staff to develop these alternatives, and had reviewed the numbers associated with each option, particularly looking at RTC's future space needs. Mr. Weinrich stated that he and his staff "whole-heartedly concur" in the report presented by the District and will take any direction this Board gives at this time.

Councilman Higginson restated his motion for staff to proceed with alternatives two and three, to meet with City staff to start developing some alternatives, and to bring them back to this Board at the time staff feels they are ready. There being no further discussion, the motion carried.

VOTE: 6 AYES - 0 NAYS

21) RECEIVE A REPORT ON AN AWARD PRESENTED BY THE NATIONAL ASSOCIATION OF COUNTIES FOR THE DISTRICT'S FLOOD SAFETY AND INFORMATION PROGRAM

Ms. Bax-Valentine stated that the District had received an award for its public information program, and that Cathy Razor had been the Project Manager on the program.

Chairman Harris moved to accept the report. There being no further discussion, the motion carried.

VOTE: 6 AYES - 0 NAYS

22) ACTION TO ACCEPT THE PROJECT STATUS REPORTS

Ms. Bax-Valentine stated there are 25 projects complete to date, 13 currently under construction, and 20 in design or awaiting start of construction. She cited the significant milestones reached during the month of June in project completions and starts. Ms. Catherine Razor gave a brief overview of the status of the projects.

Mayor Jones arrived at 9:04 a.m.

Chairman Harris moved to accept the Project Status Reports. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

23) ACTION TO ACCEPT THE FINANCIAL REPORTS

Ms. Bax-Valentine explained that the usual monthly Financial Reports were in order for approval.

Councilman Higginson moved for acceptance. There being no further discussion, the motion carried.

VOTE: 7 AYES - 0 NAYS

24) CITIZENS PARTICIPATION

Chairman Harris expressed his concerns on the clarity of the wording governing the signatories required to authorize commencement of projects, or veto ability of entities. Chris Figgins, Deputy District Attorney, stated that upon review of the NRS governing the District, if a unanimous approval between the Board and the entity in which jurisdiction the project is being built is obtained, the project can proceed. Otherwise, each entity within the hydrographic area (defined as meaning "the drainage basin of a stream and its tributaries as described on the Master Plan) must individually approve the project.

Since the wording warranted either a very broad or very narrow interpretation of hydrographic area, Chairman Harris requested that an agenda item be presented at the next Board meeting which would suggest how this could be addressed at the next Legislative Session of the State. Ms. Bax-Valentine stated that staff will prepare the item as requested.

ADJOURNMENT

There being no further business, Chairman Harris adjourned the meeting at 9:24 a.m.

Respectfully submitted,

Attest: _____ 1992



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

MICHAEL R. HARRIS
CHAIRMAN

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

MASTER PLAN UPDATE FOR MOAPA VALLEY - CONSULTANT CONTRACT

RECOMMENDATION SUMMARY

STAFF: Approve.

TECHNICAL COMMITTEE: Consider at the Special Technical Advisory Committee meeting on August 13, 1992 at 8:05 a.m.

**RFCD AGENDA
ITEM # 3
Date: 8/13/92**

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT: MASTER PLAN UPDATE FOR MOAPA VALLEY - CONSULTANT CONTRACT
PETITIONER: VIRGINIA BAX-VALENTINE, P.E., GENERAL MANAGER/CHIEF ENGINEER
RECOMMENDATION OF PETITIONER: THAT THE BOARD APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE CONSULTANT CONTRACT FOR THE MOAPA VALLEY MASTER PLAN UPDATE

FISCAL IMPACT:

\$120,000

BACKGROUND:

On May 14, 1992, the Board authorized the General Manager to solicit proposals, select a consultant, and negotiate a professional services contract for the Master Plan Update of Moapa Valley. Nine proposals were received on May 26, 1992 from the firms identified on Attachment A. The proposals were rated by a committee of three; one representative from Clark County and two representatives from the District. Based on the ratings, staff entered into contract negotiations with the consulting firm of James M. Montgomery, Consulting Engineers, Inc. to provide consulting services in the preparation of the Master Plan Update for Moapa Valley.

Contract negotiations have been completed and a contract for consulting services prepared. The contract has been reviewed and found acceptable by the District Attorney and District staff. The services include a Master Plan Update for both lower and upper Moapa Valley and includes coordination with the Town Advisory Boards of Moapa Valley, Moapa and Glendale. A copy of the contract is included in the backup as Attachment B for your review and approval.

Respectfully submitted,


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

SPECIAL TAC AGENDA ITEM # 1 Date: 8/13/92	RFCD AGENDA ITEM # 3 Date: 8/13/92
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Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 7/30/92

MASTER PLAN UPDATE OF MOAPA VALLEY - CONSULTANT CONTRACT

On May 14, 1992, the Board authorized staff to issue a request for proposals for engineering services to perform a Master Plan Update of Moapa Valley. Proposals were received and reviewed by a selection committee comprised of representatives of Clark County and the District. Staff has negotiated a professional services contract with the firm of James M. Montgomery, Consulting Engineers, Inc., for the Moapa Valley Master Plan Update Project.

Staff Recommendation:

Approve and authorize the Chairman to sign the contract.

Discussion By

AGENDA
Date:

Recommendation:

Discussion By

AGENDA
Date:

Recommendation:

Attachment A

MASTER PLAN UPDATE OF MOAPA VALLEY
ALPHABETICAL LISTING OF PROPOSALS RECEIVED

Alca Engineering & Surveying, Inc.

Church Engineering of Nevada, Inc.

Coe & Van Loo Consultants, Inc.

The Keith Companies - Nevada

MEA, Inc.

The Mark Group, Engineers & Geologists, Inc.

James M. Montgomery, Consulting Engineers, Inc.

WRC Nevada, Inc.

G. C. Wallace, Inc.

EXHIBIT A
SCOPE OF SERVICES

The Clark County Regional Flood Control District (CCRFCD) desires to have a Master Plan Update prepared for the Moapa Valley. The study area is located approximately seventy miles northeast of Las Vegas, Nevada, and includes the communities of Moapa, Glendale, Logandale and Overton. The presently adopted Master Plan for the Moapa Valley consists of a system of levees, dikes, channels, storm drains, bridges and flood plain management. This update will review the adopted plan, evaluate other alternatives, include designs that have been undertaken and produce a document that approaches a predesign of the flood control facilities for Moapa Valley.

SCOPE OF SERVICES

TASK I PROJECT MANAGEMENT

A. PROJECT INITIATION

Subtask I.A.1. Meet once with CCRFCD staff for an initial project meeting to be held within 15 days of the Notice to Proceed.

B. PROJECT MONITORING AND REPORTING

Subtask I.B.1. Monitor project progress, conduct up to 7 monthly status meetings at CCRFCD office, prepare and distribute minutes.

C. PROJECT PRESENTATION

Subtask I.C.1. Attend two meetings each of the Moapa Town Advisory Board, the Glendale Town Advisory Board and the Moapa Valley Town Advisory Board.

Subtask I.C.2. Present the Draft Master Plan Update and Final Master Plan Update to the Moapa Town Advisory Board, the Glendale Town Advisory Board and the Moapa Valley Town Advisory Board.

Subtask I.C.3. Present Final Master Plan Update to the Technical Advisory Committee, the Citizen's Advisory Committee, and the Clark County Regional Flood Control District Board.

TASK II RECONNAISSANCE

A. COLLECT EXISTING INFORMATION

Subtask II.A.1. Collect existing topography, development flood studies and other data.

Subtask II.A.2. Collect right-of-way and land ownership information.

- Subtask II.A.3. Collect land use, planning and environmental information.
- Subtask II.A.4. Collect existing hydrologic and hydraulic studies and design plans for the West Levee on the Muddy River, Logan Wash Diversion Berm and Channel and Cooper Crossing Improvements.
- Subtask III.A.5 Prepare aerial photography of the Upper and Lower Moapa Valley to provide base maps for reports. Scale of maps produced will be approximately 1"=2000'.

B. REVIEW MASTER PLAN AND PAST UPDATE

- Subtask II.B.1. Review alternatives and recommended plan in original Master Plan (CCRFCD, 1986)
- Subtask II.B.2. Review alternatives and recommended plan in Master Plan Update (CCRFCD, 1988)

C. REVIEW DESIGN EFFORTS UNDERWAY

- Subtask II.C.1. Review design efforts underway or completed since the last update including the West Levee on the Muddy River, Logan Wash Diversion Berm and Channel, and Cooper Crossing Improvements.

TASK III HYDROLOGIC AND HYDRAULIC ANALYSIS

A. UPDATE EXISTING HYDROLOGY MODELS

- Subtask III.A.1 Review existing HEC-1 model for the Lower Moapa Valley and update hydrologic parameters as needed to comply with the "Hydrologic Criteria and Drainage Design Manual". A new statistical analysis of the Glendale gage on the Muddy River will not be performed. The study area for the Lower Moapa Valley will include the area between the Nevada Fish and Wildlife Diversion Dam and the Wells Siding Diversion Structure.
- Subtask III.A.2 Review existing S-graph and statistical models for the Upper Moapa Valley and update as needed. Flows at concentration points at the mouth of the Muddy River drainage, the mouth of the California Wash drainage, the Muddy River downstream of the confluence with California Wash, the mouth of Meadow Valley Wash, and the Muddy River downstream of the confluence with Meadow Valley Wash will be computed. No HEC-1 modeling of the Upper Moapa Valley will be performed. The developed communities of Moapa and Glendale will be the focus of the modeling.

B. DEVELOP ALTERNATIVES AND COSTS

- Subtask III.B.1. Develop flood control alternatives for the Lower Moapa Valley for areas impacted by drainage from the Muddy River, Overton Wash, Logan Wash, Wieber Wash and other major washes . This is to include preliminary facility

sizing, project hydrology, hydraulics necessary for sizing facilities, right-of-way needs, and planning level cost estimates.

Subtask III.B.2 Develop flood control alternatives for the Upper Moapa Valley for the communities of Moapa and Glendale. This is to include preliminary facility sizing, project hydrology, hydraulics necessary for sizing facilities, right-of-way needs, and planning level cost estimates.

TASK IV RECOMMENDATIONS AND REPORTS

A. PROVIDE RECOMMENDED FACILITIES PLAN

Subtask IV.A.1 Provide a recommended facilities plan for both the Upper and Lower Moapa Valley to include facility size, location, appurtenances, alignment and permitting concerns.

B. PROVIDE CONSTRUCTION COSTS AND PHASING

Subtask IV.B.1. Develop planning level cost estimates for the facilities in the recommended plan including construction, land acquisition, engineering and administration.

Subtask IV.B.2. Develop a construction phasing plan to provided balanced flood control protection for the Upper and Lower Moapa Valley and to ensure compatibility between projects during the construction phase.

C. DEVELOP ROW ALIGNMENTS AND DESCRIPTIONS

Subtask IV.C.1 For facilities in the recommended plan, develop alignments and right-of-way requirements.

Subtask IV.C.2. Provide maps and legal descriptions for all right-of-way necessary to construct the recommended facilities. Preliminary plan and profile sheets will be developed for all Phase I facilities using available topographic mapping. Environmentally sensitive areas impacting flood control facilities will be identified.

D. EVALUATE IMPACT ON DESIGNATED FLOOD HAZARD AREAS

Subtask IV.D.1. Identify areas removed from designated flood hazard areas by the recommended plan.

F. PREPARE FINAL REPORT

Subtask IV.F.1. Prepare and deliver to the CCRFCD 25 copies of the Draft Master Plan Update for the Moapa Valley including base mapping, hydrology models, hydraulic calculations and appendices.

Subtask IV.F.2. After receipt of written comments from the CCRFCD, prepare and deliver 50 copies of the final Master Plan Update for the Moapa Valley.

EXHIBIT B
FEE SCHEDULE

Number	Billing Classification	Salary Range
011	Senior Company Officer	\$92.75
012	Principal Professional	\$39.19 - \$68.74
013	Supervising Professional	28.84 - 46.44
014	Senior Professional	23.91 - 41.15
015	Professional	20.59 - 34.29
016	Associate Professional	19.31 - 30.13
017	Assistant Professional	10.54 - 27.22
021	Senior Designer	19.31 - 37.16
022	Designer	15.11 - 27.22
023	Drafter	10.54 - 20.55
152	Senior Administrator	17.44 - 32.14
153	Administrator	13.20 - 23.59
154	Secretary	11.87 - 27.22
155	Word Processing Operator	11.87 - 23.59
156	Data Processor	10.54 - 18.78
157	Reproduction Technician	9.49 - 16.65
158	Clerk	9.49 - 15.95

The fee for services will be based on salary cost plus 140% of said salary costs. Salary cost is the cost of salaries (including sick leave, vacation, holiday and incentive pay) of personnel for time directly chargeable to the project; plus unemployment, excise, and payroll taxes; contributions for social security, employment compensation insurance, retirement, medical, and insurance benefits and, for the purpose of this project, salary costs are defined as 1.4 times actual payroll. Non-salary expenses directly attributable to the project, such as: (1) living and traveling expenses of employees when away from the home office on business connected with the project, (2) identifiable communication expenses, and (3) identifiable reproduction costs applicable to the work will be charged at actual cost plus 10% service charge. Charges for the use of computers, word processors and associated equipment and services will be in accordance with the published schedule of fees in effect at the time the charges are incurred. The fee for outside services will be actual cost plus 10% of actual cost to cover overhead and administration.

EXHIBIT C
COST BY TASK

TASK I	PROJECT MANAGEMENT	\$13,310.00
TASK II	RECONNAISSANCE	\$10,585.00
TASK III	HYDROLOGIC AND HYDRAULIC ANALYSIS	\$20,751.00
TASK IV	RECOMMENDATIONS AND REPORTS	<u>\$75,354.00</u>
	TOTAL	\$120,000.00

Attachment B

MOAPA VALLEY MASTER PLAN UPDATE
PROFESSIONAL SERVICES CONTRACT
JAMES M. MONTGOMERY, CONSULTING ENGINEERS, INC.

**AGREEMENT FOR PROFESSIONAL SERVICES
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
AND
JAMES M. MONTGOMERY, CONSULTING ENGINEERS, INC.**

THIS AGREEMENT is made and entered into this _____ day of _____ 1992, by and between the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT (hereinafter referred to as "DISTRICT") and James M. Montgomery, Consulting Engineers, Inc. (hereinafter referred to as "CONSULTANT"), for the preparation of a flood control Master Plan update for the Moapa Valley (hereinafter referred to as the "PROJECT").

WITNESSETH

WHEREAS, the DISTRICT desires to develop an updated hydrologic analysis and Master Plan for the Moapa Valley, and

WHEREAS, the CONSULTANT is experienced and is knowledgeable in the preparation of such master plans, and

WHEREAS, the CONSULTANT and the DISTRICT recognize the need to coordinate the PROJECT with the agencies in the Las Vegas Valley with flood control jurisdiction, FEMA, and the Corps of Engineers, and

WHEREAS, the CONSULTANT is properly registered and qualified in accordance with the Nevada Revised Statutes and has the personnel and facilities necessary to accomplish the PROJECT within 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 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, including NRS 543 and other regulations--in particular, the Federal Endangered Species Act. If, during the term of this contract, there are any changed or new laws, ordinances, statutes, rules, or regulations not known or foreseeable at the time of signing this contract which become effective and which effect 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. Except for an extension of time, no payment or compensation of any kind shall be made to consultant for damages caused by such changed or new laws, ordinances, statutes, rules, or regulations, including, but not limited to, those which may arise due to delay, disruption, acceleration, or inefficiency. Upon concurrence by DISTRICT as to the effect of such changes, an 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. If any discrepancy or inconsistency should be discovered between the 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 by CONSULTANT 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 section 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 the 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 the 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), analysis 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 this 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. Services for the PROJECT to be performed by the CONSULTANT shall consist of the work described in Exhibit A which is attached hereto and by this reference 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 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 B and by this reference made a part of this AGREEMENT.
 2. The maximum cost to the DISTRICT for engineering services accomplished under this AGREEMENT shall not exceed \$120,000 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 C, which is attached hereto and by this reference made a part of this AGREEMENT. The cost figures presented in Exhibit C are only estimates, and are not intended to limit the compensation to be paid for any 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 Schedule for work under this AGREEMENT is attached as Exhibit D and by this reference made a part of this AGREEMENT. Work shall begin immediately upon receipt by the CONSULTANT of Notice to Proceed by the General Manager. All work shall be completed 260 calendar days from the executed date of this AGREEMENT. The CONSULTANT will provide the DISTRICT's representative a progress report in conjunction with the monthly invoice.
- B. The DISTRICT and CONSULTANT recognize the scope of work as detailed in Exhibit A--SCOPE OF SERVICES and as outlined in Exhibit D--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 D, 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

- 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 and for three years from the date of final payment.
- B. This AGREEMENT may 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. 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, cost, or expense caused by the CONSULTANT, its employees, agents, or consultants and/or subconsultants arising out of the negligent acts, errors, omissions, or intentional misconduct of the CONSULTANT 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 or 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 master plan update 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 its 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 negligence or fault in the performance of the work hereunder by 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 this Contract within ten calendar days after approval by the DISTRICT'S Board. The certificate of endorsements for each insurance policy are to be signed by a person authorized by that insurer and licensed by the State of Nevada.

The CONSULTANT will:

1. Maintain commercial general liability coverage at limits of no less than \$10,000,000 combined single limit per occurrence and \$10,000,000 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 no exceptions to the coverage for bodily injury, personal injury, board form property damages, premises operations, severability of interest, products and completed operations, contractual and independent contractors. The DISTRICT, its officers, employees and volunteers must be expressly covered as additional insureds.

2. Maintain automobile coverage at limits of no less than \$10,000,000 combined single limit "per accident" for bodily injury and property damage for all owned automobiles, non-owned automobiles, hired automobiles, or any automobile. The DISTRICT, its officers, employees, and volunteers must be expressly covered as additional insureds.
3. Maintain professional liability insurance at limits of no less than \$10,000,000 per occurrence and \$10,000,000 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 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, \$0 for automobile, or \$3,000,000 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 aggregates 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 the DISTRICT, its officers, employees, and volunteers. Any other coverage available to the DISTRICT, its officers, employees and volunteers shall be excess over the insurance required of the CONSULTANT.

The insurance requirements specified herein do not relieve the CONSULTANT of his responsibility or limit the amount of his 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 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.

J. PROJECT Staffing

CONSULTANT shall provide the DISTRICT with a list of the 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) will be provided to the DISTRICT.

K. Governing Law

Nevada law shall govern the interpretation of this AGREEMENT.

L. Notice

Any notice required to be given hereunder shall be deemed to have been given when received by the party to whom it 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 301
Las Vegas, NV 89101

To CONSULTANT James M. Montgomery, Consulting Engineers, Inc.
2915 West Charleston Blvd., Suite 12
Las Vegas, NV 89102

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 _____
Michael R. Harris, Chairman Date

ATTEST:

By _____
Deanna Lefko Date
Secretary to the Board

APPROVED AS TO LEGALITY ONLY:

Chris Figgins Date
Deputy District Attorney

JAMES M. MONTGOMERY, CONSULTING ENGINEERS, INC.

By *Marc M. Brown* 8-4-92
Marc M. Brown, Vice President Date

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

SUPPLEMENTAL AGREEMENT FOR ENVIRONMENTAL SERVICES

RECOMMENDATION SUMMARY

STAFF:

Approve.

**RFCD AGENDA
ITEM # 4
Date: 8/13/92**

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

SUPPLEMENTAL AGREEMENT FOR ENVIRONMENTAL SERVICES

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

THAT THE BOARD APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN A SUPPLEMENTAL AGREEMENT WITH DAMES & MOORE FOR THE PREPARATION OF ENVIRONMENTAL ASSESSMENTS FOR THE FLOOD CONTROL FACILITIES IDENTIFIED FOR GOODSPRINGS AND SEARCHLIGHT, NEVADA

FISCAL IMPACT:

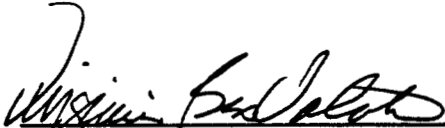
None.

BACKGROUND:

This Supplemental Agreement amends the Scope of Work for environmental services provided for under the Agreement dated August 18, 1988 between the District and Dames & Moore. The Scope of Work is amended to include the preparation of Environmental Assessments (EA) for the flood control facilities identified for the Goodsprings and Searchlight areas. The need for project-specific environmental analyses for these facilities was identified in the programmatic Outlying Areas Environmental Assessment prepared by Dames & Moore. The Board authorized a Supplemental Agreement with Dames & Moore for the preparation of the Outlying EA on October 10, 1991.

The estimated cost for the preparation of the two EAs is \$75,897. Under the existing Agreement with Dames & Moore, the total cost of services contracted for is \$1,227,996. Due to agency acceptance of plans developed by Dames & Moore and the District, many of the contracted services are no longer necessary. Additionally, other contracted services have been completed at a lesser cost than was estimated. Owing to these facts, the services identified in this Supplemental Agreement can be provided without increasing the cost of the contract.

Respectfully submitted,


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

TAC AGENDA
ITEM #
Date:

RFCD AGENDA
ITEM # 4
Date: 8/13/92

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 8/3/92

SUPPLEMENTAL AGREEMENT FOR ENVIRONMENTAL SERVICES

On October 10 1991, the Board approved a Supplemental Agreement with Dames & Moore for the preparation of a programmatic Environmental Assessment for flood control facilities proposed for the outlying areas of Clark County. The Outlying Area EA, which has been accepted by the Bureau of Land Management, identifies the potential to adversely impact significant resources through the construction of flood control facilities in Goodsprings and Searchlight. This Supplemental Agreement provides for the preparation of site and project-specific EAs for the proposed facilities so that the required environmental clearances can be obtained. The estimated cost for these services is \$75,897. Because many of the services contracted for with Dames & Moore have either been completed under the estimated cost or are no longer necessary, the services identified in this Supplemental Agreement can be provided without increasing the cost of the Agreement. Copies of the amended Scope of Work and Supplemental Agreement are included in the backup.

Staff Recommendation:

Approve.

Discussion By

AGENDA
Date:

Recommendation:

Discussion By

AGENDA
Date:

Recommendation:

SUPPLEMENT TO AGREEMENT FOR PROFESSIONAL SERVICES
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT AND
DAMES & MOORE, A PROFESSIONAL LIMITED PARTNERSHIP

This Agreement supplement, made and entered into this ___ day of _____, 1992, supplements the August 18, 1988 agreement between the Clark County Regional Flood Control District (District) and Dames & Moore, Incorporated (Consultant), and authorizes services and associated compensation in addition to that authorized under the original agreement as follows:

Specifically, these services shall include: consultant's assistance with accomplishment of Environmental Assessments (EAs) for Goodsprings and Searchlight facilities including necessary project management activities. A detailed description of the scope of services to be conducted in accordance with this supplement is presented in Dames & Moore's proposal dated July 30, 1992, which is attached hereto and incorporated herein by this reference.

Consultant has estimated a total cost of no more than \$75,897 to accomplish these efforts, which will be accommodated within the existing total authorized compensation under the August 18, 1988 Agreement (as amended) of \$1,227,996. The schedule of performance of these additional services shall commence within one week following receipt of the notice to proceed from the District and shall proceed according to the schedule attached to Dames & Moore's July 30, 1992 proposal.

With the exception of the scope of services and schedule provision referred to above, all other items and conditions of the August 18, 1988 Agreement remain unchanged by this supplement.

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

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
Attest:

By: _____
Deanna Lefko

Date: _____

By: _____
MICHAEL R. HARRIS
Chairman
Date

DAMES & MOORE, Incorporated

Attest:

By: Kenneth W. MacDonald
Kenneth W. MacDonald

Date: 8-4-1992

By: Dean Hargis
DEAN HARGIS
Officer
Date 8-4-92

APPROVED AS TO LEGALITY ONLY:

CHRIS FIGGINS
Deputy District Attorney

Date

 **DAMES & MOORE**

4220 SOUTH MARYLAND PARKWAY, SUITE 108, LAS VEGAS, NEVADA 89119
(702) 796-7800 FAX: (702) 796-4135

July 30, 1992

Mr. Tim Sutko
Senior Hydrologist
Clark County Regional Flood Control District
301 E. Clark Avenue, Suite 301
Las Vegas, Nevada 89101

Dear Tim:

Dames & Moore very much appreciates the opportunity to provide you with environmental services for the Flood Control Master Plan projects. Our proposal for amending our existing contract is attached for your review.

Please call me if you have questions or comments. I look forward to continuing our work with you and other District personnel.

Sincerely,

DAMES & MOORE



Kenneth W. MacDonald
Manager
General Environmental Services

KWM2\PKWM-105

Enclosure



**ENVIRONMENTAL SERVICES
PROPOSED WORK SCOPE AMENDMENT**

July 30, 1992

**Prepared for:
Clark County Regional
Flood Control District**

**Prepared by:
Dames & Moore
Las Vegas, Nevada**

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The Clark County Regional Flood Control District (District) has requested a proposal from Dames & Moore for two work efforts: (1) the preparation of a site-specific Environmental Assessment (EA) of impacts resulting from implementation of the District's Flood Control Master Plan in the town of Goodsprings, Nevada and (2) preparation of a similar document addressing the town of Searchlight, Nevada. These studies were determined to be necessary in the analysis completed for outlying Clark County Flood Control Projects. In addition, this amendment addresses changes in the scope of work since the original contract between the District and Dames & Moore was executed in 1988. Our work scopes and estimated costs are outlined below.

I. GOODSPRINGS & SEARCHLIGHT ENVIRONMENTAL ASSESSMENTS

The Clark County Regional Flood Control District's Flood Control Master Plan recommends a combination of detention basins, channels, levees, and designated floodways throughout Clark County to decrease peak flows in the major washes and improve conveyance capacities. Implementation of some of the features in the Master Plan would require rights-of-way on federal lands; an EA must be completed before applications for those rights-of-way can be processed. These site specific EAs will address the requirements of the National Environmental Policy Act (NEPA), as addressed by the programmatic EA process developed by the District and accepted by the Bureau of Land Management (BLM).

The tasks, schedule and costs presented in this proposal are based on experience Dames & Moore has acquired in the preparation of numerous EAs in Clark County. Assumptions regarding the scope of work required are outlined in the following sections.

A. Scope of Work

Each EA process will consist of the following 11 tasks:

1. Project Start-Up/Public Meeting
2. Baseline Inventory
3. Impact Assessment and Mitigation Planning

4. Draft EA Preparation
5. BLM Review of the Draft EA
6. Revise and Finalize EA
7. BLM Compliance Check
8. Print EA
9. Notice of Availability and Public Review Period
10. BLM Decision Record
11. Progress Meetings

Task 1: Project Start-Up

Project start-up will begin immediately upon authorization to proceed from the District. Dames & Moore will:

- prepare the Memorandum of Agreement (MOA) for the District and the BLM
- conduct a project start-up meeting with the District, Dames & Moore, BLM, Clark County Department of Public Works, the appropriate Town Board, and other involved agencies identified by the BLM and the District
- advertise and hold a public meeting to receive comments relevant to the preparation of the EA
- prepare a written project description, including committed mitigation measures based on specific information provided by the District
- prepare an outline of the EA, to be approved by BLM
- prepare a management plan presenting available data, maps, schedules, formats and procedures for completing the EA to be provided to the District and Dames & Moore study teams

Task 2: Baseline Inventory

Using the Outlying EA as a base, the project study team will compile a baseline inventory of environmental resources and data for the following disciplines or resource concerns:

- air quality
- geotechnical resources (geology, soils and seismicity)
- mining and claims research
- water resources and floodplains
- hazardous and solid waste
- biological resources
- land use and jurisdiction (including recreation and transportation)
- visual resources
- socioeconomics/public safety issues
- cultural resources (archaeology, history, and Native American resources)
- paleontological resources

Most of the inventory will be compiled from existing data sources, primarily the Environmental Assessment of Outlying Clark County , but previous EISs and EAs, maps, reports and literature may also be used. Agencies will be contacted as appropriate for information. Field reconnaissance is expected to be limited to evaluations for hazardous materials, biological resources, cultural resources, and paleontological resources.

The Outlying EA baseline inventory and the most current project description will be used as the basis for assessing impacts and planning mitigation strategies.

Task 3: Impact Assessment and Mitigation Planning

Potential impacts of the proposed flood control facilities will be assessed for each resource of concern.

Mitigation measures that could reduce or avoid impacts were identified in the outlying EA, based on potential for impacts. Mitigation discussions will be similar to those in the EIS prepared for



the Master Plan flood control facilities and include regulatory or permitting processes required for specific projects (including Section 7 consultation for threatened and endangered species; Section 106 consultation for cultural resources and preliminary site assessments for hazardous materials).

Potential cumulative impacts of the project will be characterized as to level and extent.

Task 4: Prepare Draft EA

An administrative draft of each EA will be prepared for review by the District and BLM. Resource specialists will prepare individual resource sections, which will be compiled, reviewed and edited by project management personnel. Non-resource sections, such as purpose and need, project description, and alternatives description, will be prepared by project management personnel. It is assumed that only the proposed projects and the no-action alternative will be assessed in the EAs. Graphics will be black and white.

Ten copies of each draft EA will be printed and distributed for internal review to BLM and District personnel.

Task 5: BLM Review of the Draft EA

The BLM coordinator for the project will review each EA and request reviews from appropriate resource staff members. The District will review each EA concurrently with BLM. Reviewers will prepare written comments. Given the prior involvement of the reviewers in the document and approach planning process, comments are expected to be editorial in nature rather than those requiring substantial revisions.

Task 6: Revise and Finalize EA

Dames & Moore will revise each EA as necessary, in response to written comments received from BLM and the District. A master copy of the document, showing revisions made, will be retained in Dames & Moore's project files.



Task 7: BLM Compliance Check

The revised EA will be checked by the BLM project coordinator to ensure that requested revisions have been made to the document. Dames & Moore suggests that a meeting be held with the BLM and the District to review the revisions and answer questions at that time. This would expedite the compliance check and final approval of the EAs.

Task 8: Print EA

Dames & Moore will print up to 30 copies of each EA after final approval. A minimum of 10 copies will be printed first; additional copies can be made as requests for documents are received.

Task 9: Notice of Availability/Public Comment Period

Dames & Moore will draft a Notice of Availability (NOA) for BLM's review and approval. We will also prepare a mailing list for the NOA, based on direction from BLM. The NOA will be mailed out during the EA printing, and will state that recipients have 15 days to request a copy of the EA if they wish to review it.

Following the 15-day NOA period, agencies and the public will have 15 days in which to review the EA and provide written comments to BLM.

Task 10: BLM Decision Record

Based on the EA and comments received, BLM will prepare its Decision Record for the project. Dames & Moore will help to expedite the Decision Record by providing BLM with word processing of the document.

Task 11: Progress Meetings

Four progress meetings are planned for each EA. These meetings should include personnel from the District, Public Works, the BLM, and Dames & Moore project management staff. It is assumed that the meetings will be held at the BLM office. Dames & Moore will schedule the meetings and provide written meeting summaries to attendees. Meetings are planned for milestones in the project; project start-up; after development of the management plan; following District review; and following BLM review.

B. Schedule

Each EA process will run concurrently and will be completed within 30 weeks, or approximately 7 months. The proposed schedule for each task is outlined below:

Project Start-up/Public Meeting	2 weeks
Baseline Inventory	2 weeks
Impact Assessment/Mitigation	2 weeks
Draft EA Preparation	2 weeks
BLM Review	8 weeks
Revise and Finalize EA	2 weeks
BLM Compliance Check	1 week
Print EA	1 week
NOA/Public Review Period	6 weeks
Decision Record	<u>4 weeks</u>
Total	<u>30 weeks</u>

C. Project Management and Organization

The EAs for Goodsprings and Searchlight will be managed out of the Las Vegas office of Dames & Moore. Ken MacDonald will serve as the Project Manager, and will be assisted by Dr. Phillip Davis as Project Coordinator. Senior technical review will be provided by Dean Hargis.



Most of our resource staff members are based in Las Vegas, or have worked extensively in the southern Nevada in the past. Resource specialists will report directly to the Project Manager.

Technical support for the project will include word processing, administration, technical illustration and cartography, and report production.

D. Estimated Costs

Dames & Moore will perform the scope of work outlined above on a time-and-materials basis in accordance with the terms and conditions outlined in our existing contract with the District.

Based on the assumptions outlined in this proposal, our total cost for completing separate EAs for both Searchlight and Goodsprings is estimated to be \$75,897. These costs include labor and expenses, and are allocated by task, or closely related groups of tasks, as shown below.

Task 1	\$ 4,560
Task 2	\$23,590
Task 3	\$20,100
Task 4	\$ 8,240
Tasks 5 & 6	\$ 4,430
Tasks 7 & 8	\$ 4,630
Task 9	\$ 1,120
Task 10	\$ 1,100
Task 11	<u>\$ 8,127</u>
TOTAL	<u>\$75,897</u>

II. SUMMARY

Dames & Moore will conduct the work outlined previously on a time-and-materials basis. Work will be authorized by amendment to our existing contract with the District, and work will be performed in accordance with the terms and conditions of that contract.

The total estimated costs for the two work efforts are summarized as follows:

Goodsprings and Searchlight EAs **\$75,897.00**

Since the original contract was executed in 1988, due to certain changes in federal regulations, and agency acceptance of plans developed by Dames & Moore and the District, many of the contracted tasks are no longer necessary. Dames & Moore's total estimated costs for completing the required work on the two EAs can therefore be accommodated without an addition to the existing budget.

Total Contract Amendment Amount **0.00**

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

VARIANCE FROM THE UNIFORM REGULATIONS FOR THE CONTROL OF
DRAINAGE FOR 3699 CATALINA, LAUGHLIN, NEVADA

RECOMMENDATION SUMMARY

STAFF: Resubmit with more information to evaluate the request.

TECHNICAL COMMITTEE: Consider at the Special Technical Advisory Committee meeting on August 13, 1992 at 8:05 a.m.

**RFCD AGENDA
ITEM # 5
Date: 8/13/92**

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

VARIANCE LOT 71 - LAUGHLIN ESTATES UNIT 1

PETITIONER:

M. J. MANNING, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE A VARIANCE FOR THE ELEVATION REQUIREMENT ON LOT 71 IN LAUGHLIN ESTATES UNIT 1, 3699 CATALINA, LAUGHLIN, NEVADA.

FISCAL IMPACT:

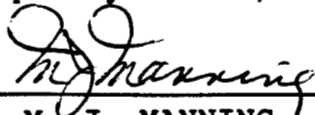
None

BACKGROUND:

Lot 71 in Laughlin Estates Unit 1 located in the Unnamed Wash flood hazard area; designated as an AO zone depth of flooding 1 foot on the Flood Insurance Rate Map. Many lots in Laughlin Estates Unit 1 were built upon prior to the adoption of the current Uniform Regulations for the Control of Drainage. In order to build a home on Lot 71, the owner is required to fill Lot 71 to an elevation significantly higher than the adjacent lots. The higher lot would not be consistent with the existing homes in the neighborhood.

Clark County has a created a Special Improvement District and the Regional Flood Control District has provided funding for the construction of flood improvements to remove the Laughlin Estates from the flood hazard designated area.

Respectfully submitted,



M. J. MANNING
DIRECTOR OF PUBLIC WORKS
MJM:DC:slh

SPECIAL

TAC AGENDA	RFCD AGENDA
ITEM # 2	ITEM # 5
Date: 8/13/92	Date: 8/13/92

On the basis of the proposed flood control improvements, the Federal Emergency Management Agency has issued a conditional letter of map revision for this area. Advertisements for construction bids for the Unnamed Wash flood control facilities will occur in August, 1992 and construction should begin in November, 1992. On this basis, a variance of the higher elevation requirement would be practical and consistent with existing structures in Laughlin Estates.

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 8/5/92

VARIANCE REQUEST FOR LOT 71 OF LAUGHLIN ESTATES UNIT 1

Clark County has requested a variance from the elevation requirement in the "Uniform Regulations for the Control of Drainage" for Lot 71 of Laughlin Estates Unit 1. Staff understands that the property is located in a Special Flood Hazard Area labeled "Zone AO (Depth 1; Velocity 5 FPS)" on Panel 32003 2015B of the September 29, 1989, Clark County, Nevada, Flood Insurance Rate Map (FIRM).

The basis for the variance request is as follows:

1. The fill required by the Regulations would make this property significantly higher than adjacent lots.
2. The Federal Emergency Management Agency (FEMA) has issued a Conditional Letter of Map Revision (CLOMR) for the Unnamed Wash Flood Control Improvements.
3. Clark County has created a Special Improvement District and the Regional Flood Control District has provided funding for construction of the Unnamed Wash Project.
4. Clark County expects to advertise for construction of the Unnamed Wash Improvement Project in August 1992 and construction is anticipated to begin in November 1992. The construction of the project will remove Laughlin Estates from the Special Flood Hazard Area.

Staff believes that Clark County's variance request is from Section 10.100 (B) (1) (a) of the Regulations which states:

"New construction and substantial improvement of any residential structure shall have the lowest floor elevated to a minimum of eighteen (18) inches above the base flood elevation. If the base flood elevation is specified as a depth, it is to be measured from the 'highest adjacent grade.' "

Highest adjacent grade is defined in Section 8 of the Regulations as:

"... the highest natural elevation of the ground surface prior to construction next to the proposed walls of the structure."

Staff comments on the variance request are as follows:

1. FEMA has issued a CLOMR; a letter of belief that once the project is built, the FIRM would be revised to remove the Special Flood Hazard Area in Laughlin Estates. The FIRM, however, is not officially revised by FEMA until the project is constructed and supporting documentation is provided to FEMA for final review.
2. The variance request is not specific as to which sections of the Regulations the variance is being requested. Staff has assumed that the variance is to Section 10.100 (B) (1) (a), as stated previously.

continued

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Continued Staff Discussion:

Date: 8/5/92

VARIANCE REQUEST FOR LOT 71 OF LAUGHLIN ESTATES UNIT 1

3. Staff has not been provided with information pertinent to the variance request, such as the proposed grading plan and proposed elevation of the lowest floor; therefore, it is not certain if the variance request is for the eighteen (18) inches above the base flood elevation, or for a variance to the entire section in the Regulations.
4. Section 13.010 (A) of the Regulations states in part the following:
"Variances from any provision of the Regulations may be granted, as a minimum, under the conditions specified by FEMA and shall consider all technical evaluations delineated in these Regulations..." (underline added)

Variance conditions specified by FEMA as found in 44 CFR Ch.1. §60.6, section (a), paragraphs (2) through (6) state:

- (2) "Variances may be issued by a community for new construction on a lot of one-half acre or less when it is contiguous to, and surrounded by lots with existing structures constructed below the base flood level, in conformance with the procedures of paragraphs (a) (3), (4), (5) and(6) of this section;
- (3) Variances shall only be issued by a community upon (i) a showing of good and sufficient cause, (ii) a determination that failure to grant the variance would result in exceptional hardship to the applicant, and (iii) a determination that granting of a variance will not result in increased flood heights, additional threats to public safety, extraordinary public expense, create nuisances, cause fraud on or victimization of the public, or conflict with existing local laws or ordinances;
- (4) Variances shall only be issued upon a determination that the variance is the minimum necessary, considering the flood hazard, to afford relief;
- (5) A community shall notify the applicant in writing over the signature of a community official that: (i) the issuance of a variance to construct a structure below the base flood level will result in increased premium rates for flood insurance up to amounts as high as \$25 for each \$100 of insurance coverage and (ii) such construction below the base flood level increases risk to life and property. Such notification shall be maintained with a record of all variance actions as required in paragraph (a) (6) of this section; and
- (6) A community shall (i) maintain a record of all variance actions, including justifications for their issuance, and (ii) report such variances issued in its annual or biennial report submitted to the Administrator."

continued

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Continued Staff Discussion:

Date: 8/5/92

VARIANCE REQUEST FOR LOT 71 OF LAUGHLIN ESTATES UNIT 1

The information submitted by Clark County is insufficient to evaluate the request as stated above.

Staff Recommendation:

Resubmit with more information to evaluate the request.

Discussion By

AGENDA
Date:

Recommendation:

Discussion By

AGENDA
Date:

Recommendation:

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

**GOWAN DETENTION BASINS - FIRST SUPPLEMENTAL INTERLOCAL
CONTRACT (LAS.03.C.91)**

RECOMMENDATION SUMMARY

STAFF: Approve the return of funds to the District's Bond Fund
(Fund 444).

TECHNICAL COMMITTEE: Approve.

CITIZENS COMMITTEE: Approve.

**RFCD AGENDA
ITEM # 6
Date: 8/13/92**

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT: Supplemental Interlocal Contract for the Construction of the Gowan Detention System

PETITIONER:

City of Las Vegas

RECOMMENDATION OF PETITIONER:

That the Board approve the Supplemental Interlocal Contract.

FISCAL IMPACT:

Previously Approved Interlocal Contract:	\$10,900,000
Supplemental Interlocal Contract Request:	(3,400,000) - Fund 444 Bonds
Total Funding Committed After Approval of the Supplemental Interlocal Contract:	\$7,500,000

BACKGROUND:

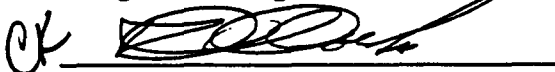
The award for construction of this Project has been made to American Asphalt in the amount of \$6,267,723.86. The Board has asked that a supplemental interlocal contract be submitted to reduce the funding currently allocated for the construction of this Project to reflect this bid amount. The figure of \$7,000,000 represents the bid amount of \$6,267,723.86 allowing for a 12% contingency.

CAC AGENDA
ITEM # 11
Date: 8/3/92

TAC AGENDA
ITEM# 13
Date: 7/30/92

RFC D AGENDA
ITEM# 6
Date: 8/13/92

Respectfully submitted,



Richard D. Goecke, Director
Department of Public Works

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 7/17/92

GOWAN DETENTION BASINS - FIRST SUPPLEMENTAL INTERLOCAL CONTRACT (LAS.03.C.91)

As requested by the Board on June 11, 1992, the City of Las Vegas has submitted a First Supplemental Interlocal Contract to reduce the amount of funding approved for the Gowan Detention Basins. Due to the favorable bids received on the project, funding is reduced from \$10,900,000 to \$7,500,000, for a net reduction of \$3,400,000. The total amount of the First Supplemental Interlocal Contract is \$7,500,000. The funds returned will be credited to the District's Bond Fund (Fund 444) for use on future District projects.

Staff Recommendation:

Approve.

Discussion By Technical Advisory Committee

AGENDA
13 Date: 7/30/92

Recommendation:

Approve.

Discussion By Citizens Advisory Committee

AGENDA
11 Date: 8/3/92

Recommendation:

Approve.

1 SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE
2 CONSTRUCTION OF THE GOWAN DETENTION SYSTEM

3 THIS SUPPLEMENTAL INTERLOCAL CONTRACT made and entered into as of
4 this _____ day of _____, 1992, 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 November 14, 1991 was entered into
10 between the DISTRICT and the CITY for the construction of Flood Control
11 Improvements, as depicted on Exhibit "A" and described in the DISTRICT Master
12 Plan Update of the Las Vegas Valley, August, 1991 as Facility Nos. GON00000,
13 GON00008, and GOS00000, GOS00051, hereinafter referred to as "PROJECT"; and

14 WHEREAS, a construction contract was awarded for this PROJECT for an amount
15 less than originally anticipated and the Board of Directors of the DISTRICT
16 requested that a contractual amount allowed for the construction of the PROJECT
17 be amended by supplemental interlocal contract.

18 NOW, THEREFORE, in consideration of the covenants, conditions, agreements,
19 and promises of the parties hereto, the parties to the contract agree to modify
20 the original interlocal contract as follows:

- 21 1. SECTION II - PROJECTS COSTS, of the original Interlocal Contract
22 dated November 14, 1991 is revised to read:

23 SECTION II - PROJECT COSTS

1 The DISTRICT agrees to provide funding for the PROJECT within the limits
2 specified below:

- 3 1. Construction at a cost not to exceed \$7,000,000.
- 4 2. Construction engineering at a cost not to exceed \$500,000.
- 5 3. Total PROJECT cost shall not exceed \$7,500,000.
- 6 4. A written request must be made to the DISTRICT and a
7 Supplemental Interlocal Contract approved to increase any
8 amounts noted above prior to the payment of any additional
9 funds.

10 The remainder of the original Interlocal Contract shall remain unchanged.

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

13 DATE OF COUNCIL ACTION:

CITY OF LAS VEGAS

14 BY: _____

15 ATTEST:

JAN LAVERTY JONES, MAYOR

16 _____
17 KATHLEEN TIGHE, CITY CLERK

18 DATE OF DISTRICT ACTION:

REGIONAL FLOOD CONTROL DISTRICT

19 BY: _____

20 ATTEST:

MICHAEL R. HARRIS, CHAIRMAN

21 _____
22 DEANNA LEFKO, SECRETARY

23 . . .

1 APPROVED AS TO LEGALITY AND FORM:

2 _____

3 CHRISTOPHER FIGGINS

4 DEPUTY DISTRICT ATTORNEY

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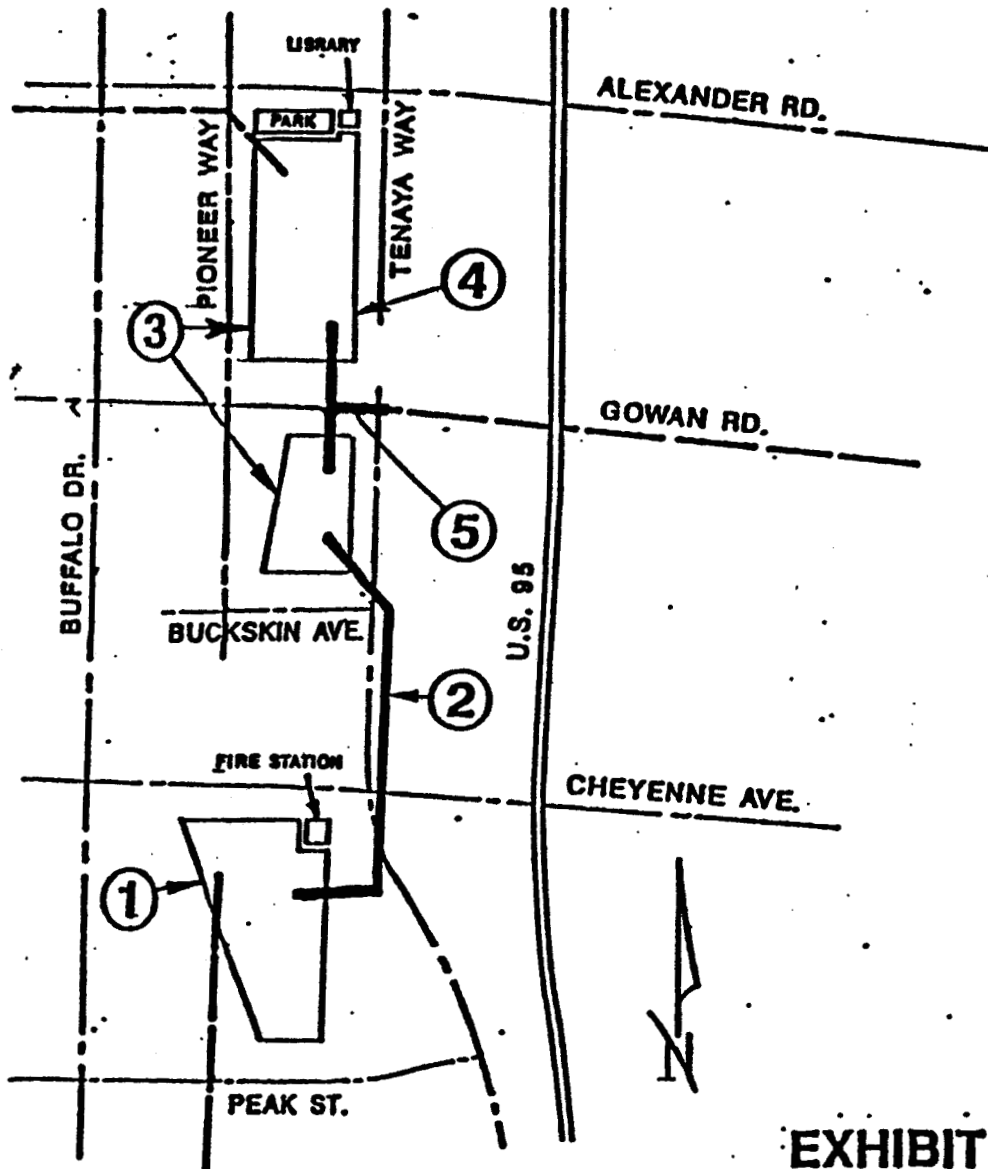
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20

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22

23 P:\Agree\GD8CONST.SUP



GOWAN DETENTION BASIN

PHASE 1 NUMBER 3

INDEX

1. GOWAN SOUTH DETENTION BASIN, V=400 AC-FT
2. 72" RCP, L=2690
3. GOWAN NORTH DETENTION BASIN, V=900 AC-FT
4. 8' X 8' RCB, L=440'
5. 66" RCP, L=210'

EXHIBIT A

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

**BUFFALO CHANNEL FROM SUMMERLIN PARKWAY TO VEGAS DRIVE -
PROJECT PRESENTATION (LAS.02.B.91)**

RECOMMENDATION SUMMARY

STAFF: Accept the presentation.

TECHNICAL COMMITTEE: Accept the presentation.

CITIZENS COMMITTEE: Accept the presentation.

**RFCD AGENDA
ITEM # 7A
Date: 8/13/92**

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:

Buffalo Channel -- Summerlin Parkway to Vegas Drive - Project Presentation

PETITIONER:

City of Las Vegas

RECOMMENDATION OF PETITIONER:

That the Board of Directors receive the Project presentation on the construction of the Summerlin Parkway to Vegas Drive portion of the Buffalo Channel


FISCAL IMPACT:

None.

BACKGROUND:

Engineering design and right-of-way engineering are 90% complete and the City is now ready to go out to bid for construction of this portion of the Buffalo Channel. An Interlocal Contract for funding of construction and construction engineering is currently before the Board. District Policies and Procedures require this Project presentation.

Respectfully submitted,



Richard D. Goecke, Director
Department of Public Works

CAC AGENDA
ITEM # 12A
Date: 8/3/92

TAC AGENDA
ITEM# 14A
Date: 7/30/92

RFC D AGENDA
ITEM# 7A
Date: 8/13/92

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 8/3/92

BUFFALO CHANNEL FROM SUMMERLIN PARKWAY TO VEGAS DRIVE - PROJECT PRESENTATION (LAS.02.B.91)

A representative from the City of Las Vegas will make a presentation on the Buffalo Channel from Summerlin Parkway to Vegas Drive project in accordance with District Policies and Procedures and NRS 543.580.

Staff Recommendation:

Accept the presentation.

Discussion By Technical Advisory Committee

**AGENDA
14A Date: 7/30/92**

Recommendation:

Accept the presentation.

Discussion By Citizens Advisory Committee

**AGENDA
12A Date: 8/3/92**

Mr. Fritz (City of Las Vegas representative) abstained from the vote.

Recommendation:

Accept the presentation.

Buffalo Channel
 Summerlin Parkway to Vegas Drive
 W.O. #4270

90% DESIGN ENGINEER'S ESTIMATED
 PROBABLE COST OF CONSTRUCTION

Item No.	Total Quantity	Unit	Description	Price	Total Project Amount
106.01	1	LS	Construction Testing	50,000.00	50,000.00
107.01	1	LS	Traffic Control	20,000.00	20,000.00
113.01	1	LS	Construction Conflicts	100,000.00	100,000.00
200.01	1	LS	Mobilization	100,000.00	100,000.00
201.01	1	LS	Clearing and Grubbing	7,000.00	7,000.00
203.01	1,000	CY	Over Excavation and Backfill	25.00	25,000.00
302.01	76	CY	Type II	12.00	912.00
402.01	51	TON	Plantmix Bituminous Surface	30.00	1,530.00
502.01	1	LS	Ramp Structure & Transition at Summerlin Sta. 63 + 14 to 65 + 45.40	100,000.00	100,000.00
502.02	715	LF	Reinforced Concrete Channel 12 ft X 8 ft Sta. 65 + 45.40 to 72 + 60	300.00	214,500.00
502.03	90	LF	Reinforced Concrete Box Culvert 12 ft X 8 ft Sta. 72 + 60 to 73 + 50	450.00	40,500.00
502.04	1	LS	Ramp Structure & Transition at Washington Sta. 73 + 50 to 76 + 50	120,000.00	120,000.00
502.05	320	LF	Reinforced Concrete Channel 16 ft X 9.5 ft Sta. 76 + 50 to 79 + 70	350.00	112,000.00
502.06	1,830	LF	Reinforced Concrete Channel 16 ft X 7 ft Sta. 79 + 70 to 98 + 00	325.00	594,750.00
502.07	1	LS	Transition Structure Sta. 98 + 00 to 99 + 54	70,000.00	70,000.00
502.08	4	EA	Footing Cap	25.00	26,250.00
603.01	100	LF	Reinforced Concrete Pipe 36-inch Class V	80.00	8,000.00
609.01	1	LS	54-Inch Storm Drain Inlet at Washington	4,500.00	4,500.00
609.02	1	LS	Inlet Structure at Sta. 78 + 50	50,000.00	50,000.00
609.03	1	LS	Inlet Structure at Sta. 90 + 37	3,000.00	3,000.00
609.04	1	LS	Inlet Structure at Sta. 97 + 97	2,000.00	2,000.00
610.01	2,591	CY	Rip Rap	65.00	168,415.00

Buffalo Channel
 Summerlin Parkway to Vegas Drive
 W.O. #4270

**90% DESIGN ENGINEER'S ESTIMATED
 PROBABLE COST OF CONSTRUCTION**

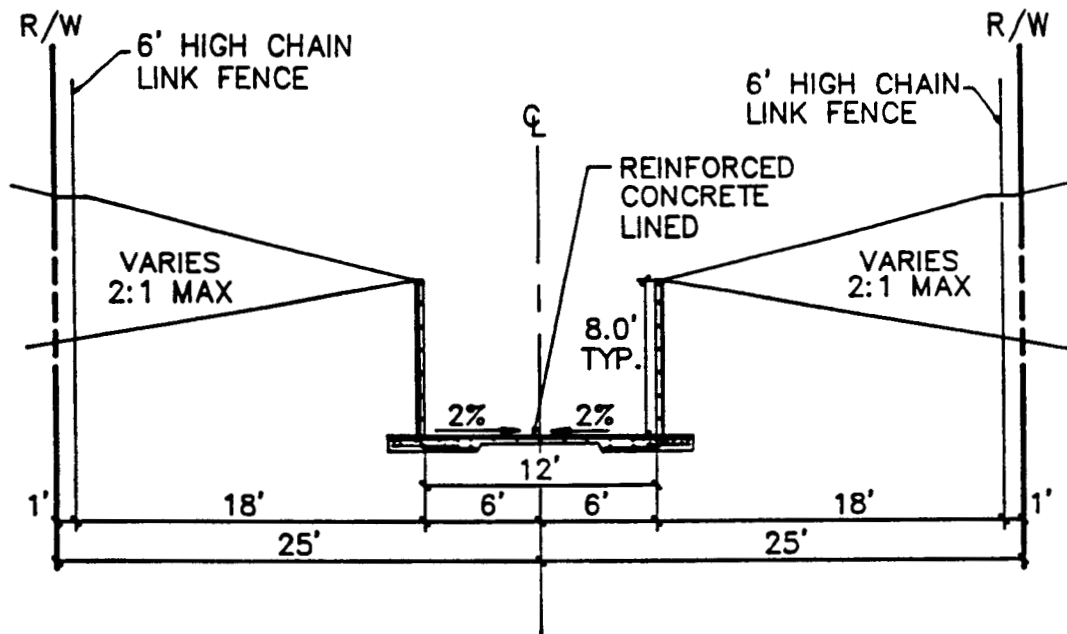
Item No.	Total Quantity	Unit	Description	Price	Total Project Amount
616.01	5,300	LF	6 ft Chain Link Fence	7.50	39,750.00
616.02	2	EA	14 ft Gate	1,800.00	3,600.00
616.03	4	EA	12 ft Gate	1,500.00	6,000.00
616.04	2	EA	8 ft Gate	1,000.00	2,000.00
723.01	9	EA	Channel Access Ladder	400.00	3,600.00
TOTAL					1,873,307.00
CONTINGENCY (10%)					187,331.00
TOTAL					2,060,638.00

**BUFFALO CHANNEL
SUMMERLIN PARKWAY TO VEGAS DRIVE**

DESCRIPTION OF WORK

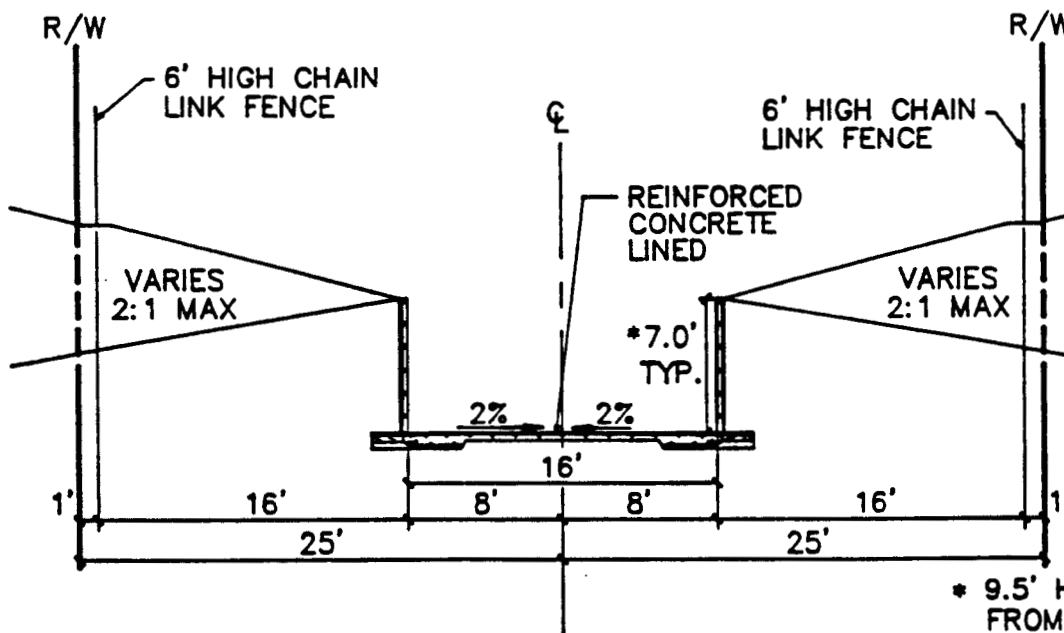
The work to be performed under this contract will include the construction of a concrete lined channel between Vegas Drive and Summerlin Parkway with a box culvert crossing at Washington Avenue. Ramp structures to access the bottom of the channel will be constructed at Summerlin Parkway and Washington Avenue. The work shall include excavation, embankment, riprap, fencing, concrete structures and other incidentals as required to construct the project in conformance with the project plans and specifications.

/pd



**TYPICAL 12' WIDE CHANNEL CROSS-SECTION
SUMMERLIN PARKWAY TO WASHINGTON AVENUE**

N.T.S.

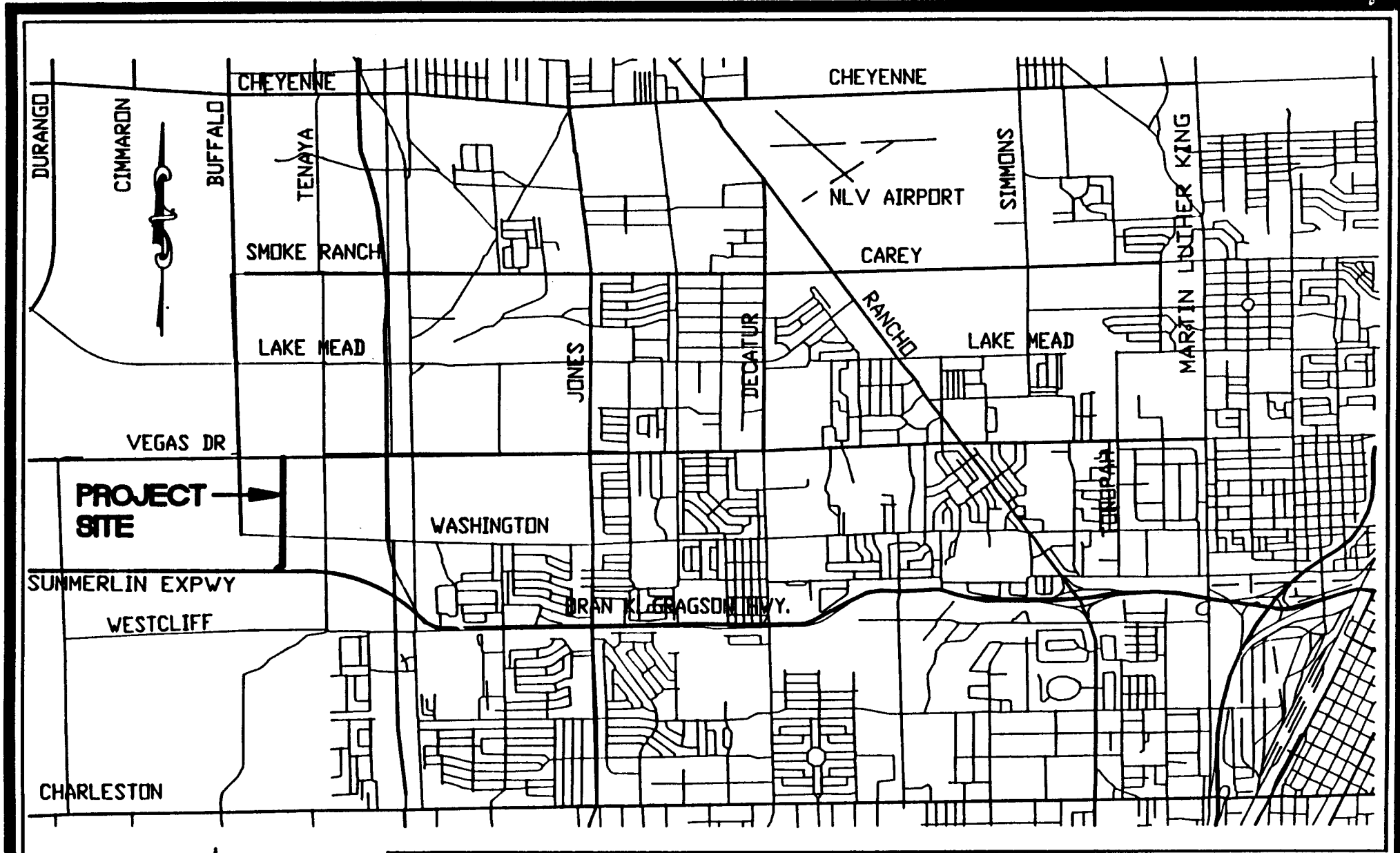


* 9.5' HIGH WALL
FROM STA. 73+50
TO STA. 79+70

**TYPICAL 16' WIDE CHANNEL CROSS-SECTION
STA. 73+50.00 TO STA. 99+53.91**

N.T.S.

**BUFFALO CHANNEL
TYPICAL CHANNEL CROSS-SECTIONS**



**BUFFALO CHANNEL
VICINITY MAP**

The Buffalo Channel from the Summerlin Parkway to Vegas Drive is one part of the total Gowan Drainage system. The cost of building the whole system has been compared against the land acquisition costs of the flood prone areas. This evaluation is outlined in the Gowan Detention Basin Pre-Design Report, Vol. III, Alternatives Evaluation by G.C. Wallace, Inc., dated March 31, 1989.

A summary of the cost study follows:

ESTIMATED COST OF NRS 543.580 LAND ACQUISITION

<u>Callout</u> (see attached map)	<u>Area</u>	<u>Cost/Acre</u>	<u>Cost</u>
A	120 acres	\$ 73,333	\$ 8,800,000
B	230 acres	139,130	32,000,000
C	466 acres	43,026	20,050,000
D	130 acres	36,538	4,750,000
E	<u>60 acres</u>	25,000	<u>1,500,000</u>
	1,006 acres		\$67,100,000

Total system construction cost was estimated at \$44.5 million, of which this Buffalo Channel project is a portion.

The cost to acquire the land is \$22 million more than the cost of constructing the system.

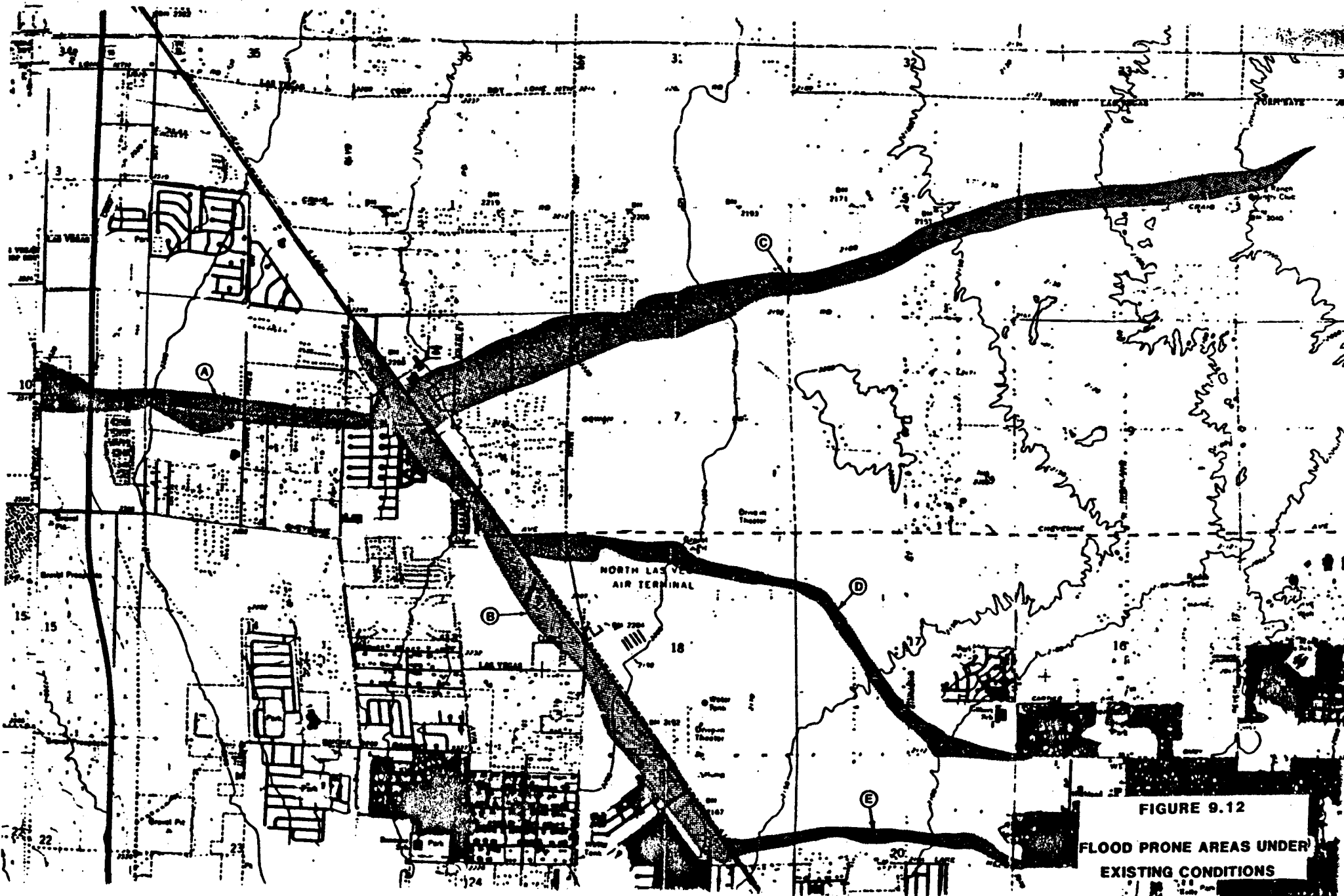


FIGURE 9.12
FLOOD PRONE AREAS UNDER
EXISTING CONDITIONS

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

**BUFFALO CHANNEL FROM SUMMERLIN PARKWAY TO VEGAS DRIVE -
INTERLOCAL CONTRACT (LAS.02.E.92)**

RECOMMENDATION SUMMARY

STAFF: Approve and authorize the Chairman to sign.

TECHNICAL COMMITTEE: Approve.

CITIZENS COMMITTEE: Approve.

**RFCD AGENDA
ITEM # 7B
Date: 8/13/92**

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

Interlocal Contract for construction of the Buffalo Channel - Summerlin Parkway to Vegas Drive

PETITIONER:

City of Las Vegas

RECOMMENDATION OF PETITIONER:

That the District approve the Interlocal Contract for the construction of the segment from Summerlin Parkway to Vegas Drive.

FISCAL IMPACT:

\$2,245,500 - Fund 444

BACKGROUND:

Engineering design and right-of-way engineering are 90% complete and the City is now ready to go out to bid for construction of this portion of the Buffalo Channel. This Interlocal Contract provides for funding of construction and construction engineering regarding this Project.

Respectfully submitted,


Richard D. Goecke, Director
Department of Public Works

CAC AGENDA
ITEM # 12B
Date: 8/3/92

TAC AGENDA
ITEM# 14B
Date: 7/30/92

RFCD AGENDA
ITEM# 7B
Date: 8/13/92

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 8/3/92

**BUFFALO CHANNEL FROM SUMMERLIN PARKWAY TO VEGAS DRIVE -
INTERLOCAL CONTRACT (LAS.02.E.92)**

The City of Las Vegas has submitted a request for an Interlocal Contract in the amount of \$2,245,500 for the construction and construction engineering of the Buffalo Channel from Summerlin Parkway to Vegas Drive. The District has received 90 percent plans and specifications for the project. The amount requested exceeds the amount programmed on the BOND LIST by \$745,500. Funds are available from the Bond Fund (Fund 444) for this request.

Staff Recommendation:

Approve.

Discussion By Technical Advisory Committee

**AGENDA
14B Date: 7/30/92**

Recommendation:

Approve.

Discussion By Citizens Advisory Committee

**AGENDA
12B Date: 8/3/92**

Mr. Fritz (City of Las Vegas representative) abstained from the vote.

Recommendation:

Approve.

1 INTERLOCAL CONTRACT FOR THE CONSTRUCTION
2 OF BUFFALO CHANNEL - SUMMERLIN PARKWAY TO VEGAS DRIVE

3 THIS INTERLOCAL CONTRACT, made and entered into this _____ day of
4 _____, 1992, by and between the City of Las Vegas, a Municipal
5 Corporation, hereinafter referred to as the "CITY"; and the Clark County Regional
6 Flood Control District, hereinafter referred to as "DISTRICT".

7 W I T N E S S E T H

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

11 WHEREAS, the PROJECT is a regional facility described in the DISTRICT
12 Master Plan Update as the Buffalo Channel, Reference Numbers GOSO0344, 0394,
13 0395, and shown on Exhibit "A" (hereinafter called the "PROJECT"); and

14 WHEREAS, the PROJECT is a priority project approved by the Clark County
15 Regional Flood Control District on its bond project list; and

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

19 WHEREAS, engineering design and right-of-way engineering are completed and
20 it is the desire of the CITY to begin construction of this PROJECT.

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

1 follows:

2 SECTION I - SCOPE OF PROJECT

3 This INTERLOCAL CONTRACT applies to flood control facilities associated
4 with the Buffalo Channel. The PROJECT shall consist of the construction of a
5 section of the Buffalo Channel from Summerlin Parkway to Vegas Drive. The
6 DISTRICT Master Plan designation of the PROJECT is "Buffalo Channel", Numbers
7 GOS00344, 0394, 0395 Structure Number and is further identified and shown on the
8 attached Exhibit "A".

9 SECTION II- PROJECT COSTS

10 The DISTRICT agrees to provide funding for PROJECT costs within the limits
11 specified below:

- 12 1. Construction engineering at a cost not to exceed \$145,500.
- 13 2. Construction at a cost not to exceed \$2,100,000.
- 14 3. Total cost of PROJECT not to exceed \$2,245,500.

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

18 SECTION III - GENERAL

- 19 1. The DISTRICT shall be shown on the title sheet of both the plans and
20 specifications as the funding agency.
- 21 2. The award of bid for this PROJECT shall occur no later than
22 January 31, 1993. The CITY will take all reasonable steps possible
23 to avoid delays in the construction of DISTRICT-funded projects.

1 PROJECT delays more than four months, as measured from the award
2 date, may be subject to a formal review by both the Technical
3 Advisory Committee and the DISTRICT Board of Directors. At the
4 review, the CITY will have an opportunity to present information
5 relative to the delays, measures taken to avoid the delays and the
6 likelihood of those delays continuing. The Board will make a
7 determination, in view of the delays and limited available funding,
8 whether PROJECT funding should continue. In the case that the Board
9 chooses to discontinue funding, the Board may cancel any Interlocal
10 Contract(s) associated with the PROJECT and discontinue funding for
11 the remainder of the PROJECT. Funding already spent or appropriated
12 by the CITY will not be required to be refunded to the DISTRICT.
13 Project funding can be reconsidered at any time when the CITY can
14 demonstrate that the PROJECT can proceed on an acceptable schedule.

- 15 3. The CITY will comply with the Local Purchasing Act, Chapter 332 of
16 the Nevada Revised Statutes.
- 17 4. The CITY, its employees and representatives shall at all times
18 comply with all applicable laws, ordinances, statutes, rules and
19 regulations in effect at the time work is performed on the PROJECT.
- 20 5. The CITY will require appropriate financial security for PROJECT
21 construction.
- 22 6. The CITY shall provide all impacted entities and the DISTRICT with
23 the opportunity to provide the CITY with input relative to the

1 following processes: scope of services development; consultant
2 selection; design, construction and maintenance review; and
3 monitoring of the effectiveness and impacts of facilities on flood
4 flows.

5 7. Any and all applicable portions of the current editions of the
6 DISTRICT's Policies and Procedures, the Hydrologic Criteria and
7 Drainage Manual and the Uniform Regulations for Control of Drainage
8 adopted by the DISTRICT will apply in developing this PROJECT unless
9 specifically superseded by the Interlocal Contract.

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

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

21 10. The DISTRICT will make payment to the CITY, its contractor or its
22 consultant each month for project costs as outlined in SECTION II -
23 PROJECT COSTS. Invoices must identify and allocate all costs to the

1 categories noted below:

2 a. Right-of-Way

3 1. Design and Surveying

4 2. Appraisals, negotiations, land acquisition, legal fees,
5 escrow stamps, recording fees, etc.

6 b. Pre-design Engineering (all work prior to design, excluding
7 right-of-way)

8 c. Design Engineering

9 d. Construction (all work after award of construction contract)

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

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

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

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

23 15. The CITY, as the administering agency, will provide the DISTRICT

1 with the information required in NRS 543.580 and shall present that
2 information orally to the Citizens' Advisory Committee, Technical
3 Advisory Committee and the Board of Directors.

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

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

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

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

19 DATE OF COUNCIL ACTION:

CITY OF LAS VEGAS

20 BY: _____

21 ATTEST: _____

JAN LAVERTY JONES, MAYOR

22 _____
23 KATHLEEN TIGHE, CITY CLERK

1 DATE OF DISTRICT ACTION:
2 _____

3 ATTEST:
4 _____

5 DEANNA LEFKO, SECRETARY

6 APPROVED AS TO LEGALITY AND FORM:

7 _____
8 CHRISTOPHER D. FIGGINS

9 DEPUTY DISTRICT ATTORNEY

10 . . .

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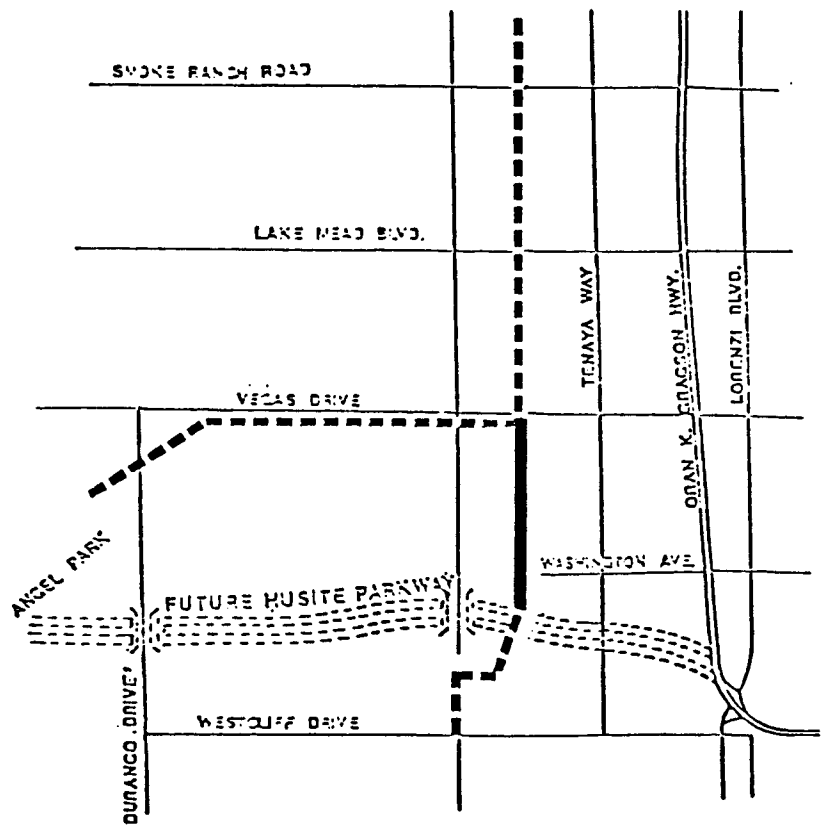
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23 P:\...\AGREE\BCHCONST.S-V

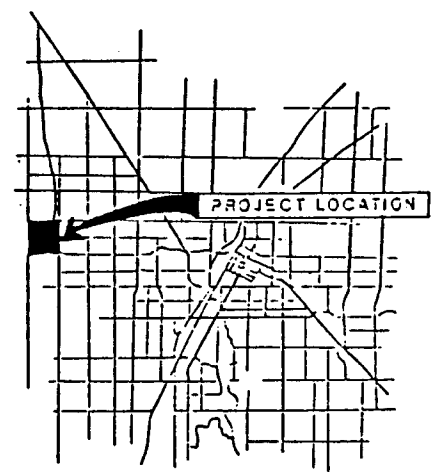
REGIONAL FLOOD CONTROL DISTRICT

BY: _____

MICHAEL R. HARRIS, CHAIRMAN



——— PRESENT INTERLOCAL AGREEMENT
 - - - - - OTHER PHASES



VICINITY MAP
NO SCALE

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

EXHIBIT A

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

**SUBJECT: MEADOWS-ALTA STORM DRAIN (MEADOWS - PHASE V STORM DRAIN) --
Project Presentation**

**PETITIONER:
CITY OF LAS VEGAS**

RECOMMENDATION OF PETITIONER:

That the Board of Directors receive the Project presentation on the construction of the Meadows-Alta Storm Drain (Meadows - Phase V Storm Drain).

FISCAL IMPACT:

None.

BACKGROUND:

The City is prepared to go out to bid for construction of this portion of the Meadows Detention Basin Project. An Interlocal Contract for funding of construction and construction engineering is currently before the Board. District Policies and Procedures require this Project presentation.

**CAC AGENDA
ITEM # 13A
Date: 8/3/92**

**TAC AGENDA
ITEM# 15A
Date: 7/30/92**

**RFCD AGENDA
ITEM# 8A
Date: 8/13/92**

Respectfully submitted,

Tom Peat

fr
Richard D. Goecke, Director
Department of Public Works

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

MEADOWS PHASE V PROJECT - PROJECT PRESENTATION

RECOMMENDATION SUMMARY

STAFF: Accept the presentation.

TECHNICAL COMMITTEE: Accept the presentation.

CITIZENS COMMITTEE: Accept the presentation.

**RFCD AGENDA
ITEM # 8A
Date: 8/13/92**

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 8/3/92

**MEADOWS PHASE V PROJECT - PROJECT PRESENTATION
(LAS.05.B.87)**

A representative from the City of Las Vegas will make a presentation on the Meadows Phase V project in accordance with District Policies and Procedures and NRS 543.580.

Staff Recommendation:

Accept the presentation.

Discussion By Technical Advisory Committee

**AGENDA
15A Date: 7/30/92**

Recommendation:

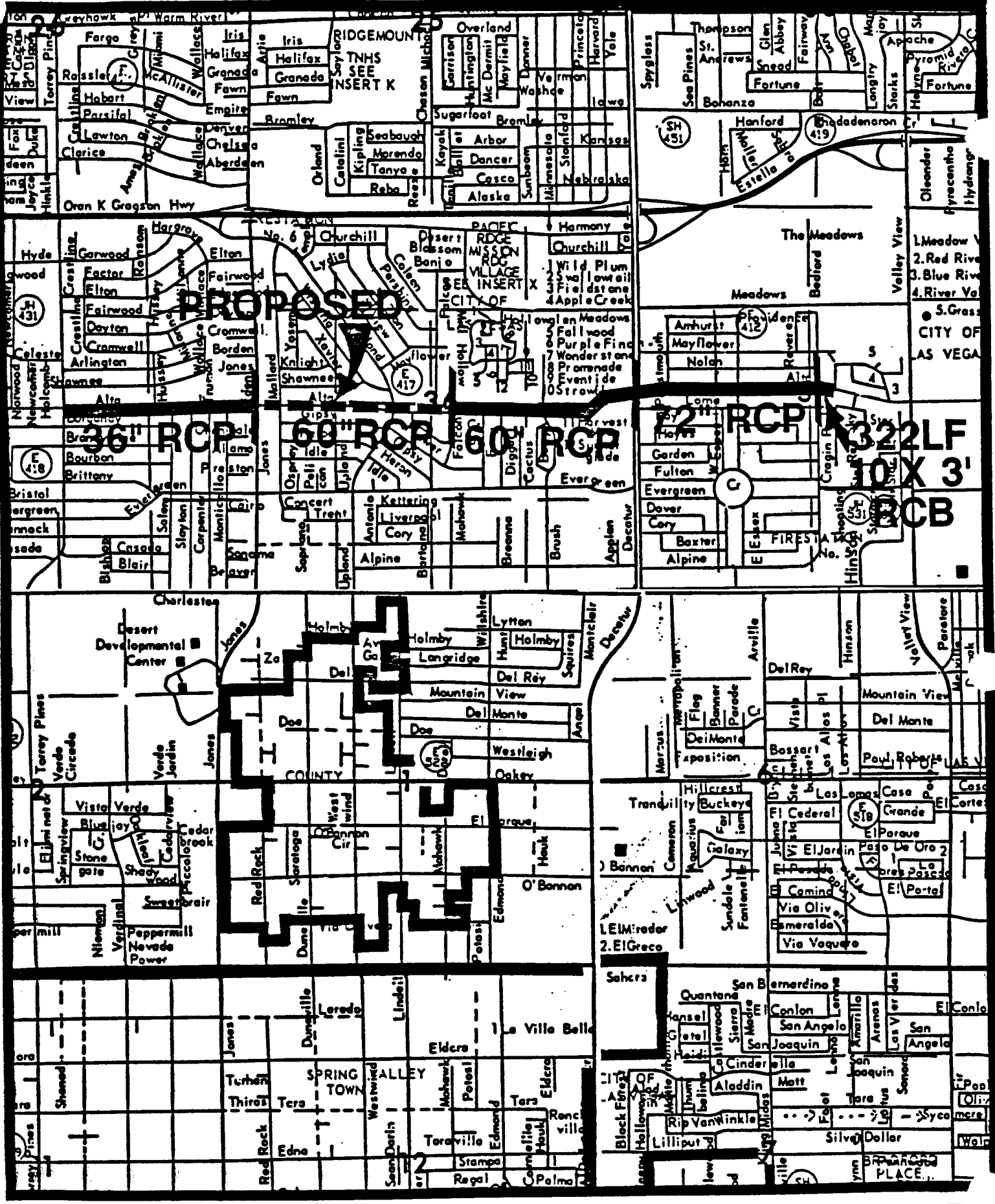
Accept the presentation.

Discussion By Citizens Advisory Committee

**AGENDA
13A Date: 8/3/92**

Recommendation:

Accept the presentation.



**MEADOW - ALTA STORM DRAIN VICINITY MAP
EXHIBIT A**

**MEADOWS—ALTA STORM DRAIN COST ESTIMATE
(MEADOWS PHASE V)**

7/10/92

DESCRIPTION	QUANTITY	UNIT PRICE (\$)	TOTAL (\$)
1 Traffic Maintenance	1 ls	45,600	\$45,600
2 Construction Conflicts	1 ls	50,000	\$50,000
3 Construction Staking	1 ls	6,600	\$6,600
4 60" RCP Storm Drain	2,630 lf	215	\$565,450
5 24" RCP Storm Drain	580 lf	125	\$72,500
6 60" RCP Tee W/Type I Manhole	4 ea	4,500	\$18,000
7 20' Type "A" Drop Inlets	5 ea	6,000	\$30,000
8 10' Type "A" Inlets	3 ea	3,700	\$11,100
9 4' Type "A" Drop Inlets	2 ea	3,400	\$6,800
10 Overexcavation	500 ls	10	\$5,000
11 Dewatering	1 ls	87	\$87
Subtotal			\$811,137
Construction Contingency (10%)			81,114
CONSTRUCTION COST			\$892,251
Engineering Administration (7%)			62,458
PROJECT COST			\$954,708

**MEADOWS-ALTA STORM DRAIN
(FALCON LANE TO JONES BOULEVARD)**

The following cost analysis is to comply with NRS 543.580. This analysis compares an estimate of cost to control floodwaters along Alta Drive from Torrey Pines to Bedford Road (approximately two miles) to the cost of purchasing land along this same two-mile route. The primary impetus for this project is safety. Just west of Falcon the street cross-section had an inverted crown to facilitate conveying the peak flows within the street right-of-way. The flow depth was approximately 2.2 feet deep traveling 10.5 fps for 1080 cfs.

Presently, during storm events the street is not safe for travel.

Upstream of the proposed section, the City of Las Vegas has placed a 36-inch pipe in Alta Drive from Torrey Pines to Jones Boulevard (1/2 mile). Below the proposed section the City has begun construction from Falcon Lane to Bedford Road that includes 60-inch pipe from Falcon Lane to Decatur Boulevard and 72-inch pipe to Bedford (1.0 miles) with 322 feet of 10'x3' RCB into the channel.

The proposed 60-inch diameter pipe from Falcon Lane to Jones Boulevard is designed to convey 422 cfs. This segment will connect the segment existing east and west segments of this project greatly improving safety in the roads during a storm event.

For this analysis we have assumed that the traffic route along Alta Drive from Torrey Pines to Bedford Road would need to be rerouted since the street is not considered safe to travel during even low frequency storms. The lots along Alta Drive were assumed to be 100-foot deep along the 2-mile stretch from Torrey Pines to Bedford Road. Since the lots would not have access if Alta Drive were closed due to safety concerns, an alternative to the Project would be to buy these lots. Therefore, approximately 48.5 acres (10,560 LF x 200 LF/43,560 sf per acre) would need to be purchased. The development in the area is apportioned as follows:

LAND USE	AREA	UNIT PRICE
10% Public at Intersections	= 4.9 acres	\$ 0 /ac
10% Commercial/Industrial	= 4.9 acres	\$1,235,000/ac
80% Residential	= 38.7 acres	\$ 440,000/ac

The area is considered to be fully developed. The estimated cost of the land purchase from Torrey Pines to Bedford Road is:

Public Land at Intersection (No Cost)	\$ 0
Commercial/Industrial - 4.9ac x \$1,235,000/ac =	6,051,500
Residential - 38.7 ac x \$440,000/ac =	<u>17,028,000</u>
PURCHASE OF LAND TOTAL	\$23,078,500

The construction cost for this project is developed assuming the project length from Torrey Pines east of Bedford Road into the channel. The estimated project cost for 2,630 LF of 60-inch pipe this phase of the project is \$954,800 or \$363/LF. The estimated project cost for existing portions are as follows: 1) \$380/LF for 5,280 LF of 60 and 72-inch RCP; 2) \$450/LF for 322 LF of 10'x3'RCB and 3) \$200/LF for 2,630 LF of 36-inch RCP. A summary is presented below.

2,630 LF of proposed 60-inch RCP	\$ 954,800
5,280 LF of existing 60 & 72-inch RCP	2,006,000
322 LF of existing 10'x3' RCB	145,000
2,630 LF of existing 36-inch RCP	<u>526,000</u>
ESTIMATED PROJECT COST	\$3,631,800
RATIO OF PURCHASE OF LAND/PROJECT COST	6.4/1

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

MEADOWS PHASE V PROJECT - PRIORITIZATION OF PROJECT AND AMENDED
FY 92/93 PROJECT LIST (LAS.05.B.87)

RECOMMENDATION SUMMARY

STAFF: Approve.

TECHNICAL COMMITTEE: Approve.

CITIZENS COMMITTEE: Approve.

RFCD AGENDA
ITEM # 8B
Date: 8/13/92

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:

**APPROVED PROJECT, FISCAL YEAR 92-93 PROJECT LIST -- MEADOWS-ALTA STORM DRAIN
(MEADOWS - PHASE V STORM DRAIN)**

PETITIONER:

CITY OF LAS VEGAS

RECOMMENDATION OF PETITIONER:

That the District place this Project on the Fiscal Year 92-93 Project List.

FISCAL IMPACT:

None.

There will be a fiscal impact of \$954,800 upon approval of the Interlocal Contract for construction. However, this action does not obligate any District funds at this time; it merely revises the City's 92-93 Project List. To provide funding for this Project in Fiscal Year 92-93, we propose to reduce funding for Oakey Detention Basin Collection System.

BACKGROUND:

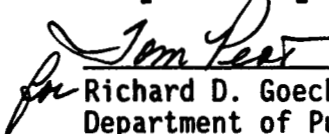
This Project is for construction of approximately one-half mile of storm drain in Alta Drive. This is the last phase of construction of the Meadows Detention Basin Project. Using other funds, the City has constructed approximately one-half mile of pipe line upstream and one mile of pipe line is under construction downstream of this Project. This Project will fill in the missing gap, prevent flooding along Alta Drive and prevent uplift damage and related safety hazards along Alta Drive between Torrey Pines Drive and Jones Boulevard along Alta Drive. We have included a City of Las Vegas ranking for this Project and also, for reference, rankings of other projects in this hydrographic basin.

**CAC AGENDA
ITEM # 13B
Date: 8/3/92**

**TAC AGENDA
ITEM# 15B
Date: 7/30/92**

**RFCD AGENDA
ITEM# 8B
Date: 8/13/92**

Respectfully submitted,


Richard D. Goecke, Director
Department of Public Works

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 7/22/92

**MEADOWS PHASE V PROJECT - PRIORITIZATION OF PROJECT AND AMENDED
FY 92/93 PROJECT LIST (LAS.05.B.87)**

The City of Las Vegas has requested that the Fiscal Year 1992/1993 Project List be amended to include the Meadows Phase V project. The City of Las Vegas has provided a priority ranking for the project and has proposed to reduce funding to the Oakey Detention Basin Collection System to account for the addition of the Meadows Phase V project.

Staff Recommendation:

Approve.

Discussion By Technical Advisory Committee

**AGENDA
15B Date: 7/30/92**

Recommendation:

Approve.

Discussion By Citizens Advisory Committee

**AGENDA
13B Date: 8/3/92**

Recommendation:

Approve.

**CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
RANKINGS OF ADDITIONAL FACILITIES**

21-Jul-92

Facility Description	Pop. value (5.0)	Land value (4.5)	Public value (4.0)	Access value (3.5)	Avoid. value (3.0)	Funding value (2.5)	Relation value (2.0)	Implem. value (1.5)	Environ. value (1.0)	Mainten. value (0.5)	TOTAL
Meadows-Altia Phase V (Falcon Lane to Jones Boulevard)	3 15	3 13.5	4 16	5 17.5	5 15	1 2.5	5 10	5 7.5	1 1	3 1.5	99.5
Freeway Channel (Sahara Avenue to Ivanhoe Way)	4 20	3 13.5	3 12	4 14	5 15	5 12.5	2 4	4 6	1 1	3 1.5	99.5

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PHASE 1 CON. ACTION PROGRAM
 (Modified by end ratings provided by Entities)
 (Sorted by entity)

28-Apr-92

file:GWF:M:\EXCEL\MF-4.xls

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
LAS VEGAS (Central Las Vegas Valley) :													
Carey Ave/Lake Mead Detention Basin	Central	\$4,200,000	4	3	4	3	5	4	3	5	1	3	35
			20.0	13.5	16.0	10.5	15.0	10.0	6.0	7.5	1.0	1.5	101.0
Oakey Detention Basin and Collection System	Central	\$6,600,000	4	4	3	5	2	5	3	4	1	4	35
			20.0	18.0	12.0	17.5	6.0	12.5	6.0	6.0	1.0	2.0	101.0
Oakey Detention Basin Outfall	Central	\$3,890,000	4	4	3	5	2	5	3	4	1	4	35
			20.0	18.0	12.0	17.5	6.0	12.5	6.0	6.0	1.0	2.0	101.0
Gowan Outfall Structure (Decatur - Tenaya Way)	Gowan	\$4,530,000	4	4	5	4	2	1	5	5	1	3	34
			20.0	18.0	20.0	14.0	6.0	2.5	10.0	7.5	1.0	1.5	100.5
Gowan Detention Basins	Gowan	\$11,560,000	4	4	5	4	2	1	5	5	1	3	34
			20.0	18.0	20.0	14.0	6.0	2.5	10.0	7.5	1.0	1.5	100.5
Angel Park Detention Basin Expansion	Gowan	\$100,000	4	4	2	4	4	5	5	2	1	4	35
			20.0	18.0	8.0	14.0	12.0	12.5	10.0	3.0	1.0	2.0	100.5
Cheyenne Channel	Gowan	\$1,000,000	3	3	4	4	4	5	5	3	1	4	36
			15.0	13.5	16.0	14.0	12.0	12.5	10.0	4.5	1.0	2.0	100.5
Peccole Ranch Outfalls (Rampart Storm Drain)	Gowan	\$1,490,000	3	3	3	4	4	5	5	5	1	4	37
			15.0	13.5	12.0	14.0	12.0	12.5	10.0	7.5	1.0	2.0	99.5
Washington Avenue Channel - Reach 1 (Las Vegas Wash - Honolulu)	Central	\$7,740,000	4	3	4	5	3	1	4	5	3	4	36
			20.0	13.5	16.0	17.5	9.0	2.5	8.0	7.5	3.0	2.0	99.0
Washington Avenue Channel - Reach 2 (Honolulu - Mojave Rd)	Central	\$5,750,000	4	3	4	5	3	1	4	5	3	4	36
			20.0	13.5	16.0	17.5	9.0	2.5	8.0	7.5	3.0	2.0	99.0
Washington Avenue Channel - Reach 3 (Mojave Rd - 24th St)	Central	\$3,420,000	4	3	4	5	3	1	4	5	3	4	36
			20.0	13.5	16.0	17.5	9.0	2.5	8.0	7.5	3.0	2.0	99.0
Washington Avenue Channel - Reach 4 (24th St - F St)	Central	\$4,080,000	4	3	4	5	3	1	4	5	3	4	36
			20.0	13.5	16.0	17.5	9.0	2.5	8.0	7.5	3.0	2.0	99.0
Washington Ave Channel Parallel Drain to F St.	Central	\$7,680,000	4	3	4	5	3	1	4	5	3	4	36
			20.0	13.5	16.0	17.5	9.0	2.5	8.0	7.5	3.0	2.0	99.0
Phase 1 Charleston Underpass Solution/Freeway Conveyance	Central	\$9,380,000	5	3	5	5	2	2	2	3	1	4	32
			25.0	13.5	20.0	17.5	6.0	5.0	4.0	4.5	1.0	2.0	98.5
Buffalo Channel (Vegas Dr - Charleston)	Gowan	\$3,980,000	3	3	3	3	4	4	5	4	2	3	34
			15.0	13.5	12.0	10.5	12.0	10.0	10.0	6.0	2.0	1.5	92.5
Gowan North Channel (Detention Basin - Lone Mountain)	Gowan	\$4,960,000	4	3	4	3	3	1	5	2	1	4	30
			20.0	13.5	16.0	10.5	9.0	2.5	10.0	3.0	1.0	2.0	87.5
Gowan North Channel (Lone Mountain - CAM-10 Detention Basin)	Gowan	\$7,250,000	4	3	4	3	3	1	5	2	1	4	30
			20.0	13.5	16.0	10.5	9.0	2.5	10.0	3.0	1.0	2.0	87.5
CAM-10 Detention Basin (West Centennial)	Gowan	\$3,510,000	3	3	4	3	3	1	4	2	1	4	28
			15.0	13.5	16.0	10.5	9.0	2.5	8.0	3.0	1.0	2.0	80.5
West Charleston Drain (Martin L. King - Rancho Dr.)	Central	\$1,900,000	4	2	4	4	2	1	2	4	1	2	26
			20.0	9.0	16.0	14.0	6.0	2.5	4.0	6.0	1.0	1.0	79.5
Freeway Channel North - Drain and Culvert (Washington W. of I-15)	Central	\$3,000,000	3	3	3	3	2	1	5	4	1	2	27
			15.0	13.5	12.0	10.5	6.0	2.5	10.0	6.0	1.0	1.0	77.5
Lone Mountain Detention Basin	Gowan	\$4,670,000	3	3	3	3	3	1	4	2	1	4	27
			15.0	13.5	12.0	10.5	9.0	2.5	8.0	3.0	1.0	2.0	76.5

FY 92/93 PROJECT LIST, Proposed Amendments by the City of Las Vegas

7/22/92

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Shading represents proposed changes

Facility Description	Planning Area	Amount Programmed	Comments
LAS VEGAS (Central Las Vegas Valley) :			
Carey Ave/Lake Mead Detention Basin	Central	Funded	Under construction
Oakey Detention Basin and Collection System	Central	Design funded/part of const. on Bond List \$1,099,200	Begin basin & outfall const./construct part of collection system to basin Decreased by \$954,800 to account for the addition of Meadows Phase V
Oakey Detention Basin Outfall	Central	Design funded/const. on Bond List	Complete construction
Gowan Outfall Structure (Decatur - Tenaya Way)	Gowan	Funded	Under construction
Gowan Detention Basins	Gowan	Funded	Begin construction
Angel Park Detention Basin Expansion	Gowan	\$100,000	Complete expansion
Cheyenne Channel	Gowan	\$908,000	Complete channel from Buffalo to basin/upgrade bridges
Peccole Ranch Outfalls (Rampart Storm Drain)	Gowan	\$65,000	Design Rampart storm drain
Washington Avenue Channel - Reach 1 (Las Vegas Wash - Honolulu)	Central	Des. funded/funding accelerated	Complete from Las Vegas Wash to Virgil Street
Washington Avenue Channel - Reach 2 (Honolulu - Mojave Rd)	Central	Design funded	Complete design
Washington Avenue Channel - Reach 3 (Mojave Rd - 24th St)	Central	Design funded	Complete design
Washington Ave Channel Parallel Drain to F St.	Central	\$270,000	ROW acquisition
Buffalo Channel (Vegas Dr - Charleston)	Gowan	Part of design & const. funded \$188,000	Construct north of Westcliff/Design south of Westcliff
Gowan North Channel (Detention Basin - Lone Mountain)	Gowan	Predesign funded	Complete predesign
Gowan North Channel (Lone Mountain - CAM-10 Detention Basin)	Gowan	Predesign funded	Complete predesign
CAM-10 Detention Basin (West Centennial)	Gowan	\$50,000	Predesign
Lone Mountain Detention Basin	Gowan	\$50,000	Predesign
Meadows Phase V, Alta Storm Drain (Falcon to Jones)	Central	\$954,800	Construction of storm drain from Falcon to Jones
I-15 Freeway Channel	Central	\$600,000	Fund oversizing of RCB at NDOT's Sahara Ave. Interchange project
Las Vegas FY 92/93 Total :		\$4,285,000	

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

MEADOWS PHASE V STORM DRAIN - INTERLOCAL CONTRACT
(LAS.05.B.87)

RECOMMENDATION SUMMARY

STAFF: Approve subject to approval of modifications to the 10-Year Construction Program and acceptance of the project presentation.

TECHNICAL COMMITTEE: Approve.

CITIZENS COMMITTEE: Approve.

**RFCD AGENDA
ITEM # 8C
Date: 8/13/92**

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT: INTERLOCAL CONTRACT -- CONSTRUCTION OF THE MEADOWS-ALTA STORM DRAIN (MEADOWS - PHASE V STORM DRAIN)

PETITIONER:

CITY OF LAS VEGAS

RECOMMENDATION OF PETITIONER:

That the District approve this Interlocal Contract for preparation of bid package, contract administration, construction engineering and construction of the Meadows-Alta Storm Drain (Meadows - Phase V Storm Drain).

FISCAL IMPACT:

Construction Cost	\$892,300
Construction Engineering	<u>62,500</u>
TOTAL	\$954,800

BACKGROUND:

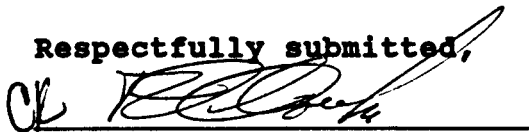
The City is prepared to go out to bid for construction of this portion of the Meadows Detention Basin Project. This Interlocal Contract applies to all costs for preparation of bid package, construction administration, construction engineering, and construction costs to place in service the Meadows-Alta Storm Drain (Falcon Lane to Jones Boulevard along Alta Drive). The basic improvements shall consist of floodwater facilities including piping and inlet systems, and other appurtenances as may be necessary to control floodwaters.

CAC AGENDA
ITEM # 13C
Date: 8/3/92

TAC AGENDA
ITEM# 15C
Date: 7/30/92

RFCD AGENDA
ITEM# 8C
Date: 8/13/92

Respectfully submitted,



Richard D. Goecke, Director
Department of Public Works

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 7/21/92

**MEADOWS PHASE V STORM DRAIN - INTERLOCAL CONTRACT
(LAS.05.B.87)**

The City of Las Vegas has submitted a request for an Interlocal Contract to fund the Meadows Phase V Storm Drain project. The Meadows Phase V Storm Drain project is located in Alta Drive from approximately Falcon Lane to Jones Boulevard and is part of an overall improvement to Alta Drive which is tributary to the Meadows Detention Basin project. Staff understands that the City of Las Vegas has utilized other funding sources to improve the road and construct a storm drain downstream of the Meadows Phase V project, and that the City of Las Vegas will be reconstructing the road at the same time the Meadows Phase V Storm Drain is installed. The amount requested for the Meadows Phase V project is \$954,800, which includes construction and construction engineering.

Staff Recommendation:

Approve subject to approval of modifications to the 10-Year Construction Program and acceptance of the project presentation.

Discussion By Technical Advisory Committee

**AGENDA
15C Date: 7/30/92**

Recommendation:

Approve.

Discussion By Citizens Advisory Committee

**AGENDA
13C Date: 8/3/92**

Recommendation:

Approve.

1 INTERLOCAL CONTRACT FOR

2 CONSTRUCTION OF THE

3 MEADOWS-ALTA STORM DRAIN (MEADOWS - PHASE V STORM DRAIN)

4 THIS INTERLOCAL CONTRACT, made and entered into as of the _____ day of
5 _____, 1992 by and between the Clark County Regional Flood Control
6 District, hereinafter referred to as "DISTRICT" and City of Las Vegas, a
7 Municipal Corporation, hereinafter referred to as the "CITY".

8 W I T N E S S E T H

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

12 WHEREAS, the PROJECT is a regional facility described in the Master Plan
13 with the following structure numbers obtained from the Master Plan: MEAL 0060
14 (Falcon Lane to Jones Boulevard along Alta Drive) hereinafter referred to as
15 "PROJECT"; and

16 WHEREAS, the PROJECT is identified and shown on the attached Exhibit "A";
17 and

18 WHEREAS, the PROJECT is shown on the DISTRICT's Fiscal Year 92/93 Project
19 List; and

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

23 NOW, THEREFORE, in consideration of the covenants, conditions, agreements

1 and promises of the parties hereto, the DISTRICT authorizes the CITY to proceed
2 with the PROJECT as it is mutually understood and agreed as follows:

3 SECTION I - SCOPE OF THE PROJECT

4 This INTERLOCAL CONTRACT applies to all costs for preparation of bid
5 package, construction administration, construction engineering, and construction
6 costs to place in service the Meadows Alta Storm Drain (Falcon Lane to Jones
7 Boulevard). The basic improvements shall consist of floodwater facilities
8 including piping and inlet systems, and other appurtenances as may be necessary
9 to control floodwaters. The improvements shall be funded through DISTRICT funds
10 as herein described. This PROJECT is further identified and shown on the
11 attached Exhibit "A".

12 SECTION II - PROJECT COSTS

13 The DISTRICT agrees to provide funding for PROJECT costs and shall not
14 exceed the limits specified below:

- 15 1. Construction costs shall not exceed \$892,300.
- 16 2. Preparation of bid package, construction administration and
17 construction engineering shall not exceed \$62,500.
- 18 3. Total PROJECT cost shall not exceed \$954,800 which includes all
19 items described in Paragraphs 1 & 2 above.

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

23 SECTION III - GENERAL

- 1 1. The DISTRICT shall be shown on the title sheet of both the plans and
2 specifications as the funding agency.
- 3 2. The award of bid for this PROJECT shall occur no later than
4 January 31, 1993. The CITY will take all reasonable steps possible
5 to avoid delays in the construction of DISTRICT-funded projects.
6 PROJECT delays more than four months, as measured from the award
7 date, may be subject to a formal review by both the Technical
8 Advisory Committee and the DISTRICT Board of Directors. At the
9 review, the CITY will have an opportunity to present information
10 relative to the delays, measures taken to avoid the delays and the
11 likelihood of those delays continuing. The Board will make a
12 determination, in view of the delays and limited available funding,
13 whether PROJECT funding should continue. In the case that the Board
14 chooses to discontinue funding, the Board may cancel any Interlocal
15 Contract(s) associated with the PROJECT and discontinue funding for
16 the remainder of the PROJECT. Funding already spent or appropriated
17 by the CITY will not be required to be refunded to the DISTRICT.
18 Project funding can be reconsidered at any time when the CITY can
19 demonstrate that the PROJECT can proceed on an acceptable schedule.
- 20 3. The CITY will comply with the Local Purchasing Act, Chapter 332 of
21 the Nevada Revised Statutes.
- 22 4. The CITY, its employees and representatives shall at all times
23 comply with all applicable laws, ordinances, statutes, rules and

1 regulations in effect at the time work is performed on the PROJECT.

2 5. The CITY will require appropriate financial security for PROJECT
3 construction.

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

10 7. Any and all applicable portions of the current editions of the
11 DISTRICT's Policies and Procedures, the Hydrologic Criteria and
12 Drainage Manual and the Uniform Regulations for Control of Drainage
3 adopted by the DISTRICT will apply in developing this PROJECT unless
14 specifically superseded by the Interlocal Contract.

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

23 9. Administrative settlements and acceptance of counter offers

1 involving right-of-way may only be made following a review approval
2 by the DISTRICT.

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

7 a. Right-of-Way

8 1. Design and Surveying

9 2. Appraisals, negotiations, land acquisition, legal fees,
10 escrow stamps, recording fees, etc.

11 b. Pre-design Engineering (all work prior to design, excluding
12 right-of-way)

13 c. Design Engineering

14 d. Construction (all work after award of construction contract)

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

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

22 13. The CITY will be responsible for any loss, damage, liability, cost
23 or expense caused by the actions or inactions of its employees,

1 consultants, contractors or agents arising under this Contract and
2 hereby holds the DISTRICT harmless therefrom.

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

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

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

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

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

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

DATE OF DISTRICT ACTION:

REGIONAL FLOOD CONTROL DISTRICT
BY: _____

ATTEST:

MICHAEL R. HARRIS, CHAIRMAN

DEANNA LEFKO, SECRETARY

APPROVED AS TO FORM:
BY: _____

CHRISTOPHER FIGGINS
DEPUTY DISTRICT ATTORNEY

DATE OF COUNCIL ACTION:

CITY OF LAS VEGAS
BY: _____

JAN LAVERTY JONES, MAYOR

ATTEST:

KATHLEEN TIGHE, CITY CLERK

. . .

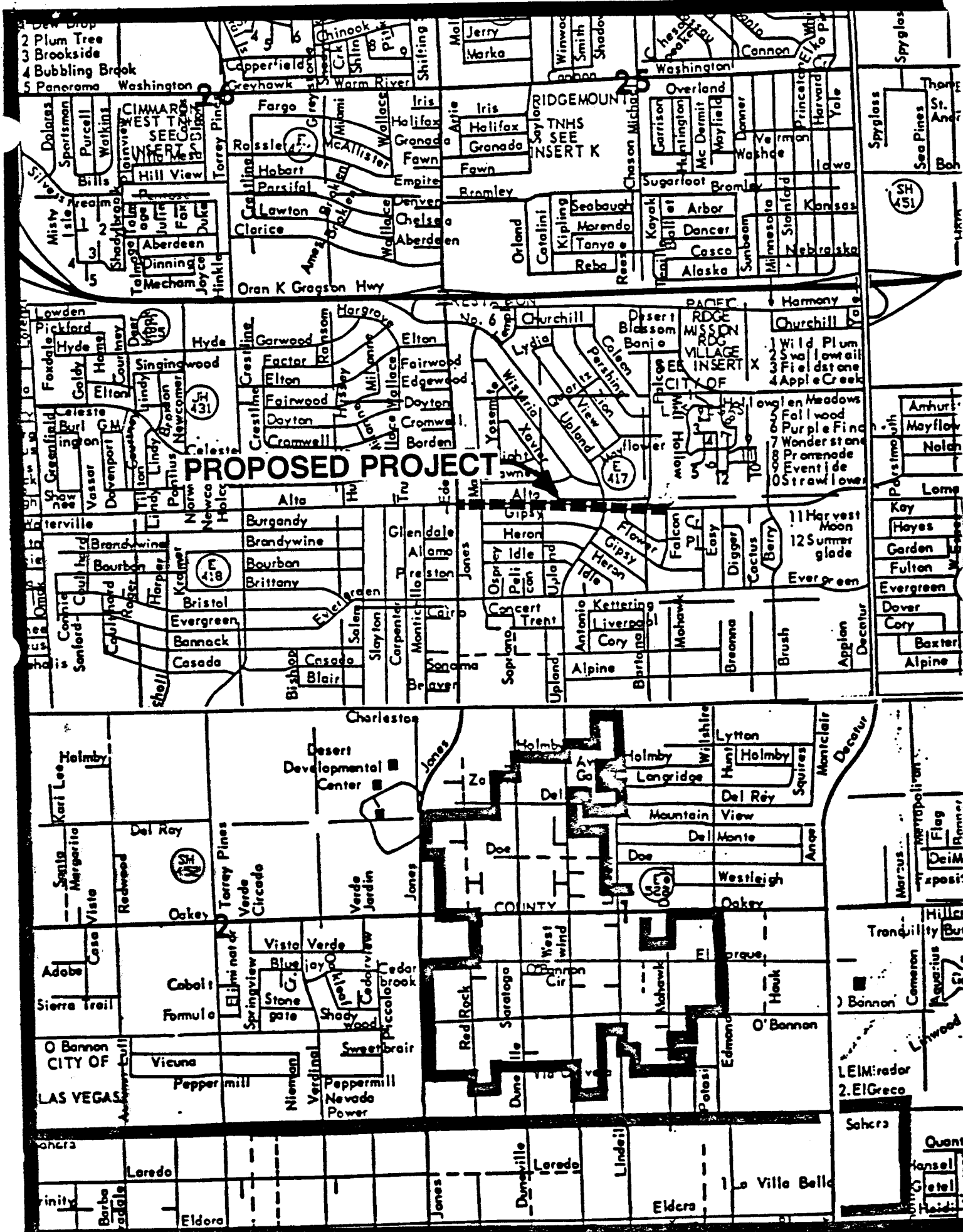


EXHIBIT A

**MEADOWS—ALTA STORM DRAIN COST ESTIMATE
(MEADOWS PHASE V)**

7/10/92

DESCRIPTION	QUANTITY	UNIT PRICE (\$)	TOTAL (\$)
1 Traffic Maintenance	1 ls	45,600	\$45,600
2 Construction Conflicts	1 ls	50,000	\$50,000
3 Construction Staking	1 ls	6,600	\$6,600
4 60" RCP Storm Drain	2,630 lf	215	\$565,450
5 24" RCP Storm Drain	580 lf	125	\$72,500
6 60" RCP Tee W/Type I Manhole	4 ea	4,500	\$18,000
7 20' Type "A" Drop Inlets	5 ea	6,000	\$30,000
8 10' Type "A" Inlets	3 ea	3,700	\$11,100
9 4' Type "A" Drop Inlets	2 ea	3,400	\$6,800
10 Overexcavation	500 ls	10	\$5,000
11 Dewatering	1 ls	87	\$87
Subtotal			\$811,137
Construction Contingency (10%)			81,163
CONSTRUCTION COST			\$892,300
Engineering Administration (7%)			62,500
PROJECT COST			\$954,800

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

I-15 FREEWAY CHANNEL (SAHARA TO IVANHOE WAY) - PRIORITIZATION OF
PROJECT AND AMENDED FY 92/93 PROJECT LIST (LAS.06.A.87)

RECOMMENDATION SUMMARY

STAFF: Approve.

TECHNICAL COMMITTEE: Approve.

CITIZENS COMMITTEE: Approve.

**RFCD AGENDA
ITEM # 9
Date: 8/13/92**

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:

APPROVED PROJECT, FISCAL YEAR 92-93 PROJECT LIST -- FREEWAY CHANNEL - SAHARA AVENUE TO IVANHOE WAY

PETITIONER:

CITY OF LAS VEGAS

RECOMMENDATION OF PETITIONER:

That the District place this Project on the Fiscal Year 92-93 Project List.

FISCAL IMPACT:

None.

However, upon approval of an Interlocal Contract for construction, fiscal impact will be \$600,000. It is proposed that this funding come from current revenues which the District has without reducing funding to other projects in the Fiscal Year 92-93 Project List.

BACKGROUND:

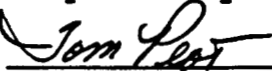
This Project is to construct approximately 1,800 feet of 2-10'x8' reinforced concrete box in I-15 beneath the proposed Sahara Avenue flyover. Access to construct these facilities after the flyover ramp is in place would be very difficult and much more expensive. Therefore, the Nevada Department of Transportation (NDOT) has proposed a 50/50 cost-sharing of oversizing from their proposed 8'x4' reinforced concrete box so that these facilities can be put in at their 100-year ultimate size at this time. We have included a City of Las Vegas ranking for this Project and also, for reference, rankings of other projects in this hydrographic basin. A letter of intent from NDOT is also attached.

CAC AGENDA
ITEM # 14
Date: 8/3/92

TAC AGENDA
ITEM# 16
Date: 7/30/92

RFCD AGENDA
ITEM# 9
Date: 8/13/92

Respectfully submitted,



Richard D. Goecke, Director
Department of Public Works

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 7/22/92

I-15 FREEWAY CHANNEL (SAHARA TO IVANHOE WAY) - PRIORITIZATION OF PROJECT AND AMENDED FY 92/93 PROJECT LIST (LAS.06.A.87)

The City of Las Vegas has requested that the Fiscal Year 1992/1993 Project List be amended to include the I-15 Freeway Channel from Sahara Avenue to Ivanhoe Way project. The City of Las Vegas has provided a priority ranking for the project. The priority of the project and the need to include the project on the Fiscal Year 1992/1993 Project List has been moved forward due to the Nevada Department of Transportation's (NDOT) I-15/Sahara Avenue interchange project. NDOT proposes to construct a fly-over interchange from southbound I-15 to eastbound Sahara Avenue within the existing right-of-way on considerable fill. NDOT has approached the District and the City of Las Vegas with a proposal to share in the oversizing costs of the I-15 Freeway Channel at this time to avoid additional costs and traffic disruptions when the drainage project is built in the future. NDOT proposes to fund 50 percent of the oversizing costs and the District/City of Las Vegas will fund the remaining 50 percent.

Staff Recommendation:

Approve.

Discussion By Technical Advisory Committee

**AGENDA
16 Date: 7/30/92**

Recommendation:

Approve.

Discussion By Citizens Advisory Committee

**AGENDA
14 Date: 8/3/92**

Recommendation:

Approve.

**CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
RANKINGS OF ADDITIONAL FACILITIES**

21-Jul-92

Facility Description	Pop. value (5.0)	Land value (4.5)	Public value (4.0)	Access value (3.5)	Avoid. value (3.0)	Funding value (2.5)	Relation value (2.0)	Implem. value (1.5)	Environ. value (1.0)	Mainten. value (0.5)	TOTAL
Meadows--Alta Phase V (Falcon Lane to Jones Boulevard)	3 15	3 13.5	4 16	5 17.5	5 15	1 2.5	5 10	5 7.5	1 1	3 1.5	99.5
Freeway Channel (Sahara Avenue to Ivanhoe Way)	4 20	3 13.5	3 12	4 14	5 15	5 12.5	2 4	4 6	1 1	3 1.5	99.5

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PHASE 1 CONSTRUCTION PROGRAM
 (Modified by and ratings provided by Entities)
 (Sorted by entity)

28-Apr-92

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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
LAS VEGAS (Central Las Vegas Valley) :													
Carey Ave/Lake Mead Detention Basin	Central	\$4,200,000	4 20.0	3 13.5	4 16.0	3 10.5	5 15.0	4 10.0	3 6.0	5 7.5	1 1.0	3 1.5	35 101.0
Oakey Detention Basin and Collection System	Central	\$6,600,000	4 20.0	4 18.0	3 12.0	5 17.5	2 6.0	5 12.5	3 6.0	4 6.0	1 1.0	4 2.0	35 101.0
Oakey Detention Basin Outfall	Central	\$3,890,000	4 20.0	4 18.0	3 12.0	5 17.5	2 6.0	5 12.5	3 6.0	4 6.0	1 1.0	4 2.0	35 101.0
Gowan Outfall Structure (Decatur - Tenaya Way)	Gowan	\$4,530,000	4 20.0	4 18.0	5 20.0	4 14.0	2 6.0	1 2.5	5 10.0	5 7.5	1 1.0	3 1.5	34 100.5
Gowan Detention Basins	Gowan	\$11,560,000	4 20.0	4 18.0	5 20.0	4 14.0	2 6.0	1 2.5	5 10.0	5 7.5	1 1.0	3 1.5	34 100.5
Angel Park Detention Basin Expansion	Gowan	\$100,000	4 20.0	4 18.0	2 8.0	4 14.0	4 12.0	5 12.5	5 10.0	2 3.0	1 1.0	4 2.0	35 100.5
Cheyenne Channel	Gowan	\$1,000,000	3 15.0	3 13.5	4 16.0	4 14.0	4 12.0	5 12.5	5 10.0	3 4.5	1 1.0	4 2.0	36 100.5
Peccole Ranch Outfalls (Rampart Storm Drain)	Gowan	\$1,490,000	3 15.0	3 13.5	3 12.0	4 14.0	4 12.0	5 12.5	5 10.0	5 7.5	1 1.0	4 2.0	37 99.5
Washington Avenue Channel - Reach 1 (Las Vegas Wash - Honolulu)	Central	\$7,740,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Avenue Channel - Reach 2 (Honolulu - Mojave Rd)	Central	\$5,750,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Avenue Channel - Reach 3 (Mojave Rd - 24th St)	Central	\$3,420,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Avenue Channel - Reach 4 (24th St - F St)	Central	\$4,080,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Ave Channel Parallel Drain to F St.	Central	\$7,680,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Phase 1 Charleston Underpass Solution/Freeway Conveyance	Central	\$9,380,000	5 25.0	3 13.5	5 20.0	5 17.5	2 6.0	2 5.0	2 4.0	3 4.5	1 1.0	4 2.0	32 98.5
Buffalo Channel (Vegas Dr - Charleston)	Gowan	\$3,980,000	3 15.0	3 13.5	3 12.0	3 10.5	4 12.0	4 10.0	5 10.0	4 6.0	2 2.0	3 1.5	34 92.5
Gowan North Channel (Detention Basin - Lone Mountain)	Gowan	\$4,960,000	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	1 2.5	5 10.0	2 3.0	1 1.0	4 2.0	30 87.5
Gowan North Channel (Lone Mountain - CAM-10 Detention Basin)	Gowan	\$7,250,000	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	1 2.5	5 10.0	2 3.0	1 1.0	4 2.0	30 87.5
CAM-10 Detention Basin (West Centennial)	Gowan	\$3,510,000	3 15.0	3 13.5	4 16.0	3 10.5	3 9.0	1 2.5	4 8.0	2 3.0	1 1.0	4 2.0	28 80.5
West Charleston Drain (Martin L. King - Rancho Dr.)	Central	\$1,900,000	4 20.0	2 9.0	4 16.0	4 14.0	2 6.0	1 2.5	2 4.0	4 6.0	1 1.0	2 1.0	26 79.5
Freeway Channel North - Drain and Culvert (Washington W. of I-15)	Central	\$3,000,000	3 15.0	3 13.5	3 12.0	3 10.5	2 6.0	1 2.5	5 10.0	4 6.0	1 1.0	2 1.0	27 77.5
Lone Mountain Detention Basin	Gowan	\$4,670,000	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	1 2.5	4 8.0	2 3.0	1 1.0	4 2.0	27 76.5

FY 92/93 PROJECT LIST, Proposed Amendments by the City of Las Vegas
7/22/92

Filename: \sccof\fy92-93.xls

Shading represents proposed changes

Facility Description	Planning Area	Amount Programmed	Comments
LAS VEGAS (Central Las Vegas Valley) :			
Carey Ave/Lake Mead Detention Basin	Central	Funded	Under construction
Oakey Detention Basin and Collection System	Central	Design funded/part of const. on Bond List \$1,099,200	Begin basin & outfall const./construct part of collection system to basin Decreased by \$954,800 to account for the addition of Meadows Phase V
Oakey Detention Basin Outfall	Central	Design funded/const. on Bond List	Complete construction
Gowan Outfall Structure (Decatur - Tenaya Way)	Gowan	Funded	Under construction
Gowan Detention Basins	Gowan	Funded	Begin construction
Angel Park Detention Basin Expansion	Gowan	\$100,000	Complete expansion
Cheyenne Channel	Gowan	\$908,000	Complete channel from Buffalo to basin/upgrade bridges
Peccole Ranch Outfalls (Rampart Storm Drain)	Gowan	\$65,000	Design Rampart storm drain
Washington Avenue Channel - Reach 1 (Las Vegas Wash - Honolulu)	Central	Des. funded/funding accelerated	Complete from Las Vegas Wash to Virgil Street
Washington Avenue Channel - Reach 2 (Honolulu - Mojave Rd)	Central	Design funded	Complete design
Washington Avenue Channel - Reach 3 (Mojave Rd - 24th St)	Central	Design funded	Complete design
Washington Ave Channel Parallel Drain to F St.	Central	\$270,000	ROW acquisition
Buffalo Channel (Vegas Dr - Charleston)	Gowan	Part of design & const. funded \$188,000	Construct north of Westcliff/Design south of Westcliff
Gowan North Channel (Detention Basin - Lone Mountain)	Gowan	Pre-design funded	Complete pre-design
Gowan North Channel (Lone Mountain - CAM-10 Detention Basin)	Gowan	Pre-design funded	Complete pre-design
CAM-10 Detention Basin (West Centennial)	Gowan	\$50,000	Pre-design
Lone Mountain Detention Basin	Gowan	\$50,000	Pre-design
Meadows Phase V, Aite Storm Drain (Falcon to Jones)	Central	\$954,800	Construction of storm drain from Falcon to Jones
I-15 Freeway Channel	Central	\$500,000	Fund oversizing of RCB at NDOT's Sahara Ave. Interchange project
Las Vegas FY 92/93 Total :		\$4,285,000	



STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
1263 S. Stewart Street
Carson City, Nevada 89712

BOB MILLER, Governor

June 11, 1992

GARTH F. DULL, Director

In Reply Refer to:

Regional Flood Control District
Attn: Gale Fraser, P.E.
301 E. Clark Avenue, Suite 300
Las Vegas, NV 89101

I-15/Sahara Avenue
Interchange, EA 71435

Dear Mr. Fraser:

I have discussed the issue of upgrading the drainage at the Sahara Avenue Interchange with Garth Dull. If you are interested in pursuing an agreement with the Nevada Department of Transportation (NDOT) to participate in a 50/50 cost sharing for the additional costs over and above our 8' X 4' box, please advise me. Upon receiving an affirmative response from you, we will prepare an agreement for your review. I have already given our consultant the go ahead to do the design for the double 10' X 8' RCB.

Sincerely,

Steven R. Oxoby
Chief Road Design Engineer

SRO:bkd

cc: Roger Patton, Louis Berger & Associates
Gene Weight, District Engineer
Mike McFall, Assistant Director (Engineering)

CARSON CITY
Ph. 697-3430

RECEIVED

JUN 15 1992

REGIONAL
FLOOD CONTROL DISTRICT

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



Virginia Baz-Wentina, P.E.
 Chief Engineer/General Manager

BOARD OF DIRECTORS

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 City of Henderson

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Jan Laverly Jones
 City of Las Vegas

Tom R. Leavitt
 City of Mesquite

Bruce L. Woodbury
 Clark County

June 23, 1992

Mr. Steven Oxoby
 Chief Road Design Engineer
 State of Nevada
 Department of Transportation
 1263 S. Stewart Street
 Carson City, NV 89712

RE: I-15/SAHARA AVENUE INTERCHANGE, EA 71435

Dear Mr. Oxoby:

Tom Chiatovich, P.E., Chief of Flood Control for the City of Las Vegas, and I have discussed the Nevada Department of Transportation's (NDOT) proposal of a 50/50 cost-sharing agreement for the additional costs over and above NDOT's proposed 8' x 4' reinforced concrete box (RCB) for the I-15/Sahara Avenue Interchange project as laid out in your letter dated June 11, 1992. Both the District and the City of Las Vegas are interested in pursuing an agreement for the oversizing of the RCB.

As the "Lead Entity" in the implementation of District flood control facilities within the Central Basin in which the RCB is situated, the City of Las Vegas has requested to be a party to the agreement. The agreement should be between NDOT, the City of Las Vegas and the Clark County Regional Flood Control District.

In that NDOT, the City and the District will all have a financial interest in the District's I-15 Freeway System, it is understood that the agreement will contain language that future NDOT improvements to I-15 from Desert Inn Road, to and including the I-515 Interchange, will allow for the continued implementation of the I-15 Freeway Channel System within NDOT's right-of-way as depicted in the District's Master Plan. It is also understood that both the City and District will continue to implement the flood control system presently depicted in the Master Plan, as Central Basin programmed funding permits. At this time, it is anticipated that connection to the segment proposed as part of the I-15/Sahara Avenue Interchange would occur ten to fifteen years from now.

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

Mr. Steven Oxoby
Page 2
June 23, 1992

Additionally, I would like to request that all future meetings and correspondence on the subject flood control improvements are copied to Mr. Chiatovich at the City of Las Vegas.

Sincerely,



GALE WM. FRASER, II, P.E.
Assistant General Manager

GWF:caj

cc: Richard Goecke, City of Las Vegas Public Works
Charles Kajkowski, City of Las Vegas Public Works
Tom Chiatovich, City of Las Vegas Public Works
Gene Weight, NDOT
Mike McFall, NDOT
Roger Patton, Louis Berger & Associates

FILED 1-15/8ahara-NDOT

LOUIS BERGER & ASSOCIATES, INC.

May 12, 1992



Engineers • Economists • Planners

1500 East Tropicana, Suite 225
Las Vegas, Nevada 89119
Telephone: (702) 736-6632
Telefax: (702) 736-0704

Mr. Gale Fraser, II, P.E.
Clark County Regional Flood Control District
301 East Clark Avenue, Suite 300
Las Vegas, NV 89101

RE: SAHARA AVENUE/I-15 FLYOVER BOX CULVERT

Dear Mr. Fraser:

We have analyzed the costs for three options for the drainage facilities for the above referenced project, as we discussed in our meeting on May 5, 1992. The three options have been designated as Alternatives 1, 2 and 3 and are summarized as follows:

- Alternative 1: Construct a 8' x 4' x 1,700' reinforced concrete box culvert to perpetuate existing flows for the present condition.
TOTAL ESTIMATED COST: \$450,000.00
- Alternative 2: Construct a 2 barrel 10' x 8' x 1,800' reinforced concrete box culvert as per Clark County Regional Flood Control District Master Plan, utilizing one box for the present condition.
TOTAL ESTIMATED COST: \$1,600,000.00
- Alternative 3: Future removal of 8' x 4' x 1,700' box culvert and replacement with a 2 barrel 10' x 8' x 1,800' reinforced concrete box culvert. Additional cost would be ramp reconstruction and traffic detours.
TOTAL ESTIMATED COST: \$2,670,000.00
(plus \$450,000 present cost for Alternative 1)

We estimate that the additional cost to the Flood Control District for Alternative 3 would be about \$1 million.

At the present time we are proceeding as directed with Alternative 1 which perpetuates the existing condition. However, if the Flood Control District feels that the future cost for Alternative 3 is too great, and would like to participate in funding a portion of Alternative 2 please contact me immediately so that participation arrangements can be prepared.



Mr. Gale Fraser
May 12, 1992
Page Two

Thank you for your consideration, please do not hesitate to contact me with any questions you might have regarding this matter.

Sincerely,

Edward W. Cobau
Civil Engineer

EWC/syy

C:

Kathy Weaver, NDOT, Carson City, NV
Tom Chiatovich, City of Las Vegas, Las Vegas, NV
Tom Lane, LBA, Phoenix, AZ



STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
1263 S. Stewart Street
Carson City, Nevada 89712

BOB MILLER, Governor

June 11, 1992

GARTH F. DULL, Director

In Reply Refer to:

Louis Berger and Associates, Inc.
1500 E. Tropicana Avenue, Suite 225
Las Vegas, NV 89119

I-15/Sahara Avenue
Interchange
EA 71435

Attn: Roger Patton, P.E.

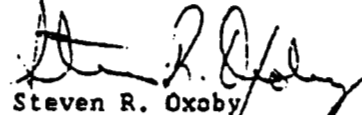
Dear Mr. Patton:

As per our meeting of June 10, 1992, please design the drainage along the southbound off-ramp (flyover) of this project to accommodate the Clark County Regional Flood Control District's Master Plan.

The profile grade of the flyover will not be raised to accommodate future reconstruction of the Sahara Avenue structure.

Thank you for addressing these two issues.

Sincerely,


Steven R. Oxoby
Chief Road Design Engineer

SRO:KRW:kl

cc: Edward Cobau, Louis Berger and Assoc.
Robert Santonastaso, Louis Berger and Assoc.
Gene Weight, NDOT
Gale Fraser, Clark Co. Reg. Flood Control Dist. ✓
Mike McFall, NDOT

RECEIVED

JUN 23 1992

REGIONAL
FLOOD CONTROL DISTRICT

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

RECOMMENDED CONDEMNATION SETTLEMENT FOR A PORTION OF PARCEL
690-800-001 REQUIRED FOR THE LOGAN WASH FLOOD CONTROL CHANNEL
PROJECT LOCATED IN LOGANDALE (MOA.02.A.89)

RECOMMENDATION SUMMARY

STAFF:

Approve.

TECHNICAL COMMITTEE:

Consider at the Special Technical Advisory Committee
meeting on August 13, 1992 at 8:05 a.m.

**RFCD AGENDA
ITEM # 10A
Date: 8/13/92**

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

LOGAN WASH FLOOD CONTROL CHANNEL

PETITIONER:

M. J. MANNING, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE REGIONAL FLOOD CONTROL DISTRICT AUTHORIZE THE DISTRICT ATTORNEY TO COMPROMISE AND SETTLE CONDEMNATION CASE NO. A304966, COUNTY VS. CARSON WAYNE NEWTON, FOR \$200,000 FOR THE ACQUISITION OF RIGHT-OF-WAY FROM PARCEL NO. 690-800-001 NEEDED FOR CONSTRUCTION OF THE LOWER LOGAN WASH FLOOD CONTROL CHANNEL LOCATED IN LOGANDALE.

FISCAL IMPACT:

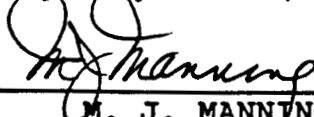
\$200,000	Increase in Construction Costs
- 58,560	Original Offer for Channel ROW
<u>- 39,940</u>	Two Low-Water Crossings (Bridges)
\$101,500	Increase funded by RFCD (Fund 443)

BACKGROUND:

An original offer of \$58,560 was delivered October 15, 1991. The offer was based on an appraisal prepared by Lon E. Nelson, MAI, for the County's acquisition of 4.88 acres of land for the construction of an open, concrete lined flood control channel.

The property owner, C. Wayne Newton, declined the County's offer and condemnation proceedings were initiated. The District Attorney's office entered into extensive negotiations with the attorneys representing the owner. The issue to be resolved involved severance damages resulting from construction of the proposed open configuration of the flood control channel for an approximate distance of 1,575 linear feet.

Respectfully submitted,



M. J. MANNING
DIRECTOR OF PUBLIC WORKS
MJM:PC:bat

SPECIAL

TAC AGENDA	RFCD AGENDA
ITEM # 3A	ITEM # 10A
Date: 8/13/92	Date: 8/13/92

The basis for settlement involves the extension of twin cast-in-place concrete pipes to accomplish underground construction across the majority of the channel area.

This will allow the owner to retain access from the northerly portion of the ranch, including the horse training track, to the corral and pasture areas situated along the southerly boundary of the proposed flood control channel. Underground construction will terminate at a point necessary to allow the required hydraulic transition from the underground pipes to the existing Muddy River Channel.

In exchange for underground construction, Mr. Newton has agreed to execute a permanent easement to accommodate the proposed flood channel. The owner has also agreed to replace the irrigation ditch which would be obliterated by channel construction, and to remove and later replace existing pasture fences within the project area.

The Public Works Acquisitions Office agrees with the District Attorney's opinion that the proposed settlement is reasonable and in the best interest of the County to accept it. The estimated increase in construction costs of \$200,000 is offset by the owner's concession to forego any cash settlement, in favor of retaining access across the majority of the project area via underground construction, which will also eliminate the cost of right-of-way acquisition through a condemnation action; and also eliminate two low-water crossings which would be necessary with open channel configuration.

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 8/5/92

RECOMMENDED CONDEMNATION SETTLEMENT FOR A PORTION OF PARCEL 690-800-001 REQUIRED FOR THE LOGAN WASH FLOOD CONTROL CHANNEL PROJECT LOCATED IN LOGANDALE (MOA.02.A.89)

Parcel 690-800-001 is generally located in the S½ SE¼ of Section 27, T15S, R67E. The proposed settlement involves the following:

1. Clark County will change the project on the parcel from a concrete lined open channel to two cast-in-place pipes;
2. The owner will replace the irrigation ditch, and remove and replace the existing fences within the project area (these items were to be part of the construction contract); and
3. The owner will dedicate all lands necessary for the construction of the project on the parcel.

The settlement amounts to a \$200,000 increase in construction costs and a \$96,500 decrease in the right-of-way offer, for a net increase in overall project costs of \$101,500. The settlement is recommended due to the costs that would be incurred through litigation. Current District funding is sufficient to cover the settlement (increase in construction costs).

Staff Recommendation:

Approve.

Discussion By

**AGENDA
Date:**

Recommendation:

Discussion By

**AGENDA
Date:**

Recommendation:

MEMORANDUM

REX BELL
DISTRICT ATTORNEY

OFFICE OF THE DISTRICT ATTORNEY -- CIVIL DIVISION

TO: PAM CROW, Acquisitions

FROM: MICHAEL L. FOLEY, Deputy District Attorney 

SUBJECT: County v. Carson Wayne Newton, Logandale Property

DATE: July 31, 1992

The parties involved in the condemnation of Wayne Newton's Logandale Ranch property have reached a proposed settlement which they would like the County Commission to consider. The condemnation case involves a taking of a strip of property across Mr. Newton's ranch which is approximately 130 feet wide and over 1500 feet long. The purpose of the taking is to install a large open drainage channel for flood control purposes. The gist of the proposed settlement is that Mr. Newton will dedicate all of the land required for the project along with an unrelated parcel on Gubler Drive in Logandale which the County needs for road purposes in exchange for the County spending the extra money required to change the open channel into an underground facility.

Under the terms of the agreement, Mr. Newton will dedicate all the land necessary for the County to build most of the project underground by burying two ten-foot pipes across most of the property with approximately 150 feet of open channel where the project meets the Muddy River. Mr. Newton has also agreed to remove and later replace all of his pasture fences that in the area of the project as well as replace his irrigation ditch which will be destroyed by the construction of the project. Both of these items were to be paid by the County in the original proposal.

In exchange for Mr. Newton's dedication, the County will agree to a change order to put the project underground as described above which will increase the construction cost by \$200,000.00.

I feel the settlement is reasonable since the County will spend the same amount of money or less than the way the project is currently designed and the property owner will also be benefitted by having the project underground.

The County's appraiser in this action estimated the value of the take at \$58,500.00. The appraiser for the land owner appraised the value of the take and severance damages to equal \$232,580.00. Our office estimates that acquiring the property through a condemnation trial will result in a verdict of \$150,000.00 to \$160,000.00. The County would also have to pay our court costs and interest which would be approximately \$10,000.00. Public Works has proposed

Pam Crow
July 31, 1992

Page 2

two low-water crossings (bridges) across the open channel which would cost the County approximately \$40,000.00 to build. These crossings would not be necessary if the project is put underground. Mr. Newton has also agreed to dedicate a strip of land on Gubler Drive for road purposes which would probably cost us between \$2,200.00 and \$5,000.00 to acquire plus related court costs.

Mr. Newton's dedication of the land required and his agreement to replace his irrigation ditch and fencing at his own expense will cause the County to spend the same or less to complete this project and, as a result, I believe the settlement is reasonable.

MLF/ap

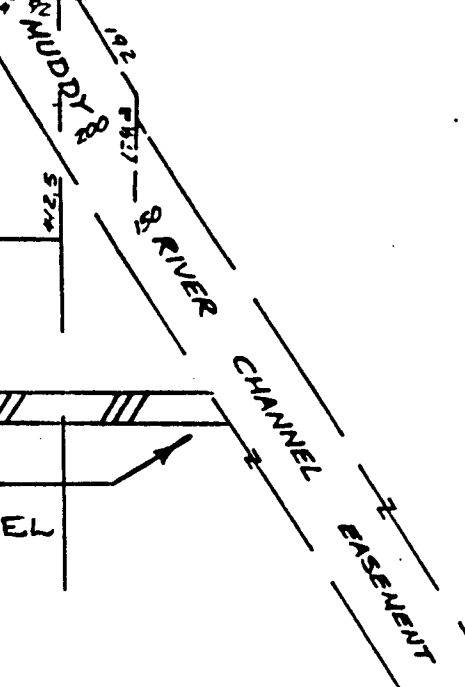
S2 SE4 SEC.27 T-15S R-67E

69-80

APN: 690-800-001

76.13 AC

APPROXIMATE LOCATION
OF FLOOD CONTROL CHANNEL



27 26
S 1/4 S.S.



73

27 26
S 1/4 COR.
34 35

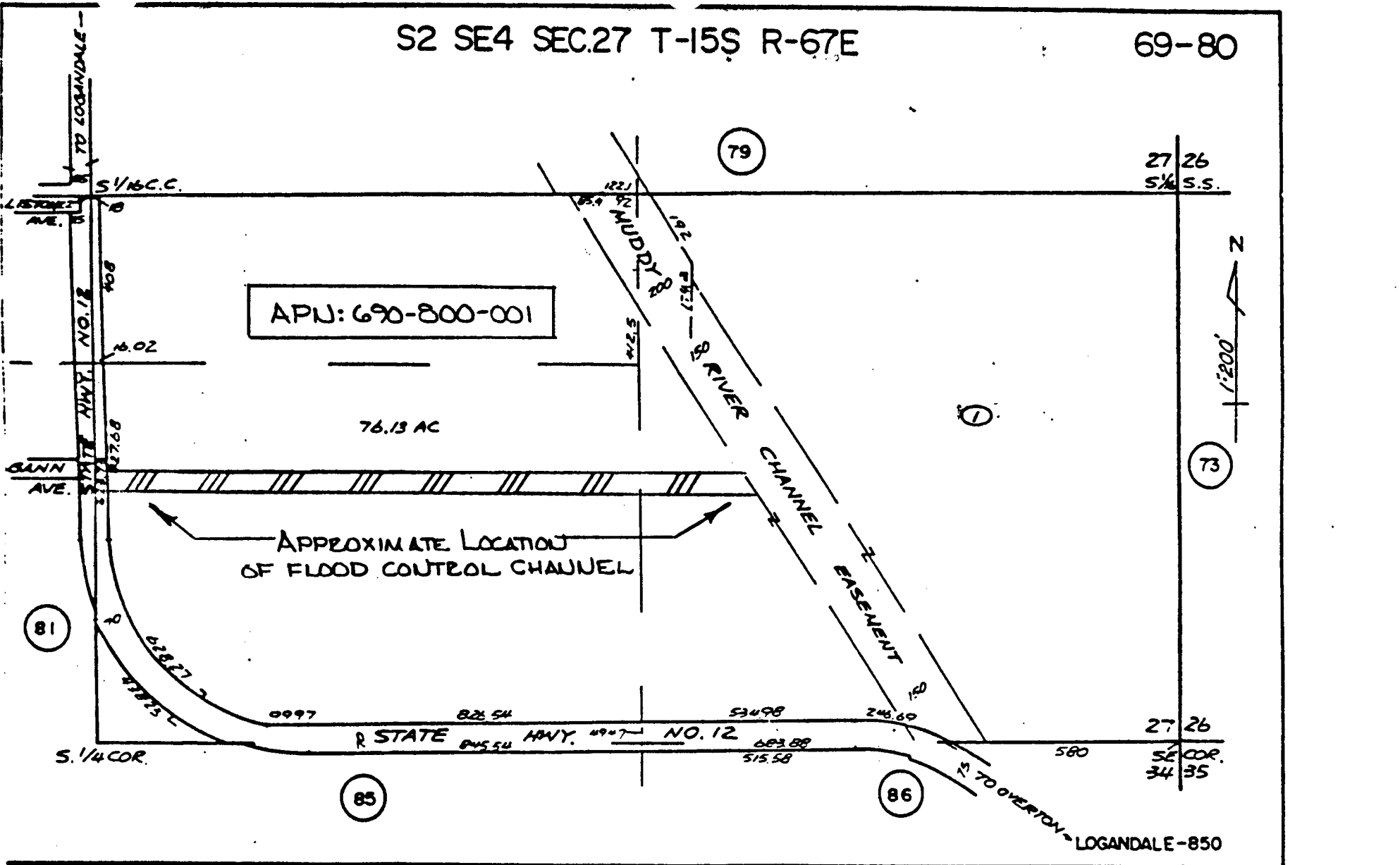
LOGANDALE-850

81

85

86

79



CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

LOGAN WASH AREA 2 PROJECT - CHANGE ORDER NUMBER 1 (MOA.02.B.92)

RECOMMENDATION SUMMARY

STAFF:

Approve.

TECHNICAL COMMITTEE:

Consider at the Special Technical Advisory Committee meeting on August 13, 1992 at 8:05 a.m.

**RFCD AGENDA
ITEM # 10B
Date: 8/13/92**

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

CHANGE ORDER NUMBER ONE TO MEADOW VALLEY CONTRACTORS,
INC. FOR THE LOGAN WASH AREA 2 PROJECT

PETITIONER:

M. J. MANNING, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE REGIONAL FLOOD CONTROL DISTRICT, CONTINGENT UPON
APPROVAL OF THE STIPULATED RIGHT OF WAY SETTLEMENT FOR
THIS PROJECT, APPROVE CHANGE ORDER NUMBER ONE TO MEADOW
VALLEY CONTRACTORS INC. FOR THE LOGAN WASH AREA 2
PROJECT.

FISCAL IMPACT:

\$200,000 For this change order. It is the opinion of the
District Attorney that this increase represents no net
change to the project in view of the probable cost of
right of way acquisition.

BACKGROUND:

In exchange for this additional underground piping, the
property owner has agreed to donate the right of way
needed for this project. In the opinion of the District
Attorney, this change order amount is reasonable
approximation of the total cost for obtaining this right
of way through the condemnation process.

Respectfully submitted,



M. J. MANNING
DIRECTOR OF PUBLIC WORKS
MJM:DC:jdc

SPECIAL

TAC AGENDA	RFCD AGENDA
ITEM # 3B	ITEM # 10B
Date: 8/13/92	Date: 8/13/92

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 8/5/92

**LOGAN WASH AREA 2 PROJECT - CHANGE ORDER NUMBER 1
(MOA.02.B.92)**

Clark County has negotiated a right-of-way settlement that results in a change order for the Logan Wash Area 2 Project. The change order includes the elimination of the removal and replacement of an irrigation ditch and fencing by the contractor. It also includes changing approximately 1,375 feet of concrete open channel to two 10' diameter cast-in-place concrete pipes. Once the change order is approved, the owner of the parcel will dedicate the necessary right-of-way for the project. The increase to the construction contract for Change Order Number 1 is \$200,000. District funding is sufficient to cover the change order amount.

Staff Recommendation:

Approve.

Discussion By

AGENDA
Date:

Recommendation:

Discussion By

AGENDA
Date:

Recommendation:

CLARK COUNTY
DEPARTMENT OF PUBLIC WORKS

PROJECT NO. F 890915
 CONTRACT NO. 2772-92
 PROJECT NAME Logan Wash

SHEET 1 OF 2
 DATE July 28, 1992

CONTRACT CHANGE ORDER NO. 1

To Meadow Valley Construction, Contractor. You are hereby directed to make the herein described changes from the plans and specifications, or do the following described work not included in the plans and specifications on this contract.

Change requested by Clark County Department of Public Works

(1) Estimate of increase and /or decrease in contract items at contract prices:

Item No.	Description	Qty	Units	Price Unit	Amount
213.03	Removal & Replacement of Irrigation Ditch	-1,625	L. Ft.	\$20.00	-\$32,500.00
502.05	Concrete Channel	-1,390	L. Ft.	\$360.00	-\$500,400.00
616.01	72 Inch Chain Link Fence	-2,700	L. Ft.	\$7.50	-\$20,250.00
Total Bid Contract Changes					\$553,150.00

(2) Estimate of extra work at agreed prices and/or force account:

Item No.	Description	Qty	Units	Price Unit	Amount
502.08	Twin Cast-In Place Concrete Pipe (10 Feet Dia.)	1,375	L. Ft.	\$534.00	\$734,250.00
502.09	Reinforced Concrete Transition Structures. Box Culvert to Concrete Pipe	1	L. Sum	\$18,900.00	\$18,900.00
Total New Items					\$753,150.00

Original Contract Sum.....	\$2,389,130.00
Net change by previously authorized Change Orders.....	\$ 0.00
Total cost this Change Order (Increase) (Decrease)	\$ 200,000.00
Net Contract Amount.....	\$ 2,589,130.00

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the price shown above.

By reason of this proposed change, 0 days extension or decrease of time will be allowed.

DATE ACCEPTED 7-29-92
 MEADOW VALLEY CONTRACTORS, INC.
 CONTRACTOR
 BY Richard Lewis
 TITLE President

PREPARED BY:

Keith D. Ferguson, P.E.
 PROJECT ENGINEER

DATE JULY 28, 1992

ORDER BY:

Gustave T. Cederburg
 GUSTAVE T. CEDERBURG, P.E.
 CHIEF CONSTRUCTION ENGINEER

DATE July 29, 1992

RECOMMENDED BY:

LESLIE R. HENLEY, P.E.
 DIVISION MANAGER

DATE July 29, 1992

APPROVAL BY:

M.J. Manning
 M.J. MANNING
 DIRECTOR OF PUBLIC WORKS

CLARK COUNTY
DEPARTMENT OF PUBLIC WORKS

PROJECT NO. F 890915

SHEET 2 OF 2

CONTRACT NO. 2772-92

DATE July 28, 1992

PROJECT NAME Logan Wash

CONTRACT CHANGE ORDER NO. 1

Engineer's Justification for Change:

Bid

Item 213.03 Removal and Replacement of Irrigation Ditch:

This item is being reduced due to the fact that most of the work for this item will be done by others. The area of reduction for this item is between Sta. 17+75 to Sta. 31+25.

Bid

Item 502.05 Concrete Channel:

This item is being reduced because most of the concrete channel is being replaced by a new item established in this Change Order, Item 502.08, Twin Cast-In-Place Concrete Pipe (10 Feet Dia.). The location of concrete channel deleted is between Sta. 18+18 to Sta. 32+08.

New

Item 502.08 Twin Cast-In-Place Concrete Pipe, (10 Feet Diameter):

This new item is hereby established to replace most of the concrete channel such that this drainage facility can be placed underground. This item is complete. The location of twin cast-in-place concrete pipe added is between Sta. 18+33 to Sta. 32+08. See Attachment A for item special provision specifications.

New

Item 502.09 Reinforced Concrete Transition Structure, Box Culvert to Concrete Pipe:

This new item is hereby established in order to provide the necessary hydraulic transition from the rectangular box culvert to the round pipe culvert. The location of concrete transition structure is between Sta. 18+18 to Sta. 18+33. See Attachment B for item special provision specifications.

Bid

Item 616.01 72 Inch Chain Link Fence:


This item is considerable reduced due to the reduction in length of the concrete channel requiring security fencing. The location of the deleted fencing is between Sta. 17+75 to Sta. 31+25.

MEMORANDUM

REX BELL
DISTRICT ATTORNEY

OFFICE OF THE DISTRICT ATTORNEY -- CIVIL DIVISION

TO: PAM CROW, Acquisitions

FROM: MICHAEL L. FOLEY, Deputy District Attorney 

SUBJECT: County v. Carson Wayne Newton, Logandale Property

DATE: July 31, 1992

The parties involved in the condemnation of Wayne Newton's Logandale Ranch property have reached a proposed settlement which they would like the County Commission to consider. The condemnation case involves a taking of a strip of property across Mr. Newton's ranch which is approximately 130 feet wide and over 1500 feet long. The purpose of the taking is to install a large open drainage channel for flood control purposes. The gist of the proposed settlement is that Mr. Newton will dedicate all of the land required for the project along with an unrelated parcel on Gubler Drive in Logandale which the County needs for road purposes in exchange for the County spending the extra money required to change the open channel into an underground facility.

Under the terms of the agreement, Mr. Newton will dedicate all the land necessary for the County to build most of the project underground by burying two ten-foot pipes across most of the property with approximately 150 feet of open channel where the project meets the Muddy River. Mr. Newton has also agreed to remove and later replace all of his pasture fences that in the area of the project as well as replace his irrigation ditch which will be destroyed by the construction of the project. Both of these items were to be paid by the County in the original proposal.

In exchange for Mr. Newton's dedication, the County will agree to a change order to put the project underground as described above which will increase the construction cost by \$200,000.00.

I feel the settlement is reasonable since the County will spend the same amount of money or less than the way the project is currently designed and the property owner will also be benefitted by having the project underground.

The County's appraiser in this action estimated the value of the take at \$58,500.00. The appraiser for the land owner appraised the value of the take and severance damages to equal \$232,580.00. Our office estimates that acquiring the property through a condemnation trial will result in a verdict of \$150,000.00 to \$160,000.00. The County would also have to pay our court costs and interest which would be approximately \$10,000.00. Public Works has proposed

Pam Crow
July 31, 1992

Page 2

two low-water crossings (bridges) across the open channel which would cost the County approximately \$40,000.00 to build. These crossings would not be necessary if the project is put underground. Mr. Newton has also agreed to dedicate a strip of land on Gubler Drive for road purposes which would probably cost us between \$2,200.00 and \$5,000.00 to acquire plus related court costs.

Mr. Newton's dedication of the land required and his agreement to replace his irrigation ditch and fencing at his own expense will cause the County to spend the same or less to complete this project and, as a result, I believe the settlement is reasonable.

MLF/ap

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

**LOGAN WASH CHANNEL - FIRST SUPPLEMENTAL INTERLOCAL CONTRACT
(MOA.02.A.92)**

RECOMMENDATION SUMMARY

STAFF: Approve.

TECHNICAL COMMITTEE: Approve.

*** CITIZENS COMMITTEE:** Approve.

**RFCD AGENDA
ITEM # 10C
Date: 8/13/92**

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

LOGAN WASH CHANNEL, MOAPA VALLEY

PETITIONER:

M. J. MANNING, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE SUPPLEMENTAL INTERLOCAL CONTRACT NO. 1 FOR ADDITIONAL DESIGN ENGINEERING, ENVIRONMENTAL MITIGATION, CONTRACT ADMINISTRATION, CONSTRUCTION ENGINEERING, INSPECTION, TESTING, SURVEY, AND CONSTRUCTION OF THE LOGAN WASH CHANNEL IN MOAPA VALLEY.

FISCAL IMPACT:


None

BACKGROUND:

This project was included in the Regional Flood Control District's Master Plan and designated as a priority project. This project has been approved on the annual project priority list for fiscal year 1991-92 by the Regional Flood Control District.

This Supplemental Interlocal Contract No. 1 will provide funding for the County to proceed with the additional design engineering, environmental mitigation, contract administration, construction engineering, inspection, testing, survey, and construction of the Logan Wash Channel in Moapa Valley according to plans and specifications by Dames & Moore, in Moapa Valley, Nevada.

Respectfully submitted,



M. J. MANNING
DIRECTOR OF PUBLIC WORKS
MJM:MR:jdc

TAC AGENDA ITEM # 17 Date: 7/30/92	RFCD AGENDA ITEM # 10C Date: 8/13/92
CAC AGENDA ITEM # 15 Date: 8/3/92	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 7/21/92

**LOGAN WASH CHANNEL - FIRST SUPPLEMENTAL INTERLOCAL CONTRACT
(MOA.02.A.92)**

Clark County has submitted a request for a First Supplemental Interlocal Contract to reallocate funding and modify the scope of work on the Logan Wash Channel project in Moapa Valley. The scope of work is modified to include the Logan Wash Diversion project, which was not previously funded due to difficulties in obtaining the required right-of-way from the Bureau of Land Management (BLM). The right-of-way for the diversion channel has been acquired from the BLM. The project presentation was made to the Board on December 12, 1991. The First Supplemental Interlocal Contract reallocates funding for additional design work, environmental mitigation, and construction engineering, and reduces the construction funding by a like amount. The First Supplemental Interlocal Contract totals \$4,216,000 and requires no additional funding.

Staff Recommendation:

Approve.

Discussion By Technical Advisory Committee

**AGENDA
17 Date: 7/30/92**

Recommendation:

Approve.

Discussion By Citizens Advisory Committee

**AGENDA
15 Date: 8/3/92**

Recommendation:

Approve.

SUPPLEMENTAL INTERLOCAL CONTRACT NO. 1 FOR

LOGAN WASH CHANNEL

MOAPA VALLEY

THIS SUPPLEMENTAL CONTRACT NO. 1, made and entered into this ____ day of _____, 1992, 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, on February 13, 1992 the DISTRICT and the COUNTY entered into an Interlocal Contract for the construction and construction engineering for flood control improvements for the Logan Wash Channel in Moapa Valley; and

WHEREAS, the COUNTY has awarded a construction contract for the Logan Wash improvement between the Union Pacific Railroad and the Muddy River; and

WHEREAS, the COUNTY desires to increase the scope of the Logan Wash Project to include the upstream diversion.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises of the parties hereto, the DISTRICT and the COUNTY agree to supplement the interlocal contract dated February 13, 1992 as follows:

SECTION I - SCOPE OF PROJECT is changed to read as follows:

This Supplemental Interlocal Contract No. 1 applies to flood control facilities associated with the Logan Wash Channel from the UPRR to the Muddy River in Moapa Valley and a diversion of the Logan Wash into the Anderson Wash. The PROJECT shall consist of additional design engineering, environmental mitigation, the contract administration, construction engineering, inspection, testing, survey, and construction of approximately 1,620 linear feet of double 10' x 8' RCB, up to 1,500 linear feet of channel, inlet and outlet structures, 480' of dam embankment, 1500 feet of earthen channel, and other facilities as may be necessary to control flood waters along the Logan Wash in Moapa Valley. The PROJECT is identified as Logan Wash Channel, and shown on attached Exhibit "A".

SECTION II - PROJECT COSTS is changed to read as follows:

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

1. Design engineering and environmental mitigation shall not exceed \$133,200. DISTRICT agrees to reimburse the COUNTY for the design engineering and environmental mitigation costs incurred by the COUNTY prior to the date of approval of the Supplemental Interlocal Contract No. 1 for Logan Wash Channel, Moapa Valley.

2. Contract administration, construction engineering, inspection testing and survey not to exceed \$316,000.
3. Construction costs not to exceed \$3,766,800.
4. The total cost of this CONTRACT not to exceed \$4,216,000 which includes all the items described in paragraphs one and two above.

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

The remainder of the interlocal contract dated February 13, 1992 remains unchanged.

ATTEST:

CLARK COUNTY
BOARD OF COUNTY COMMISSIONERS

LORETTA BOWMAN, County Clerk

BY: _____
JAY BINGHAM, Chairman

Date of Commission Action:

ATTEST

REGIONAL FLOOD CONTROL DISTRICT

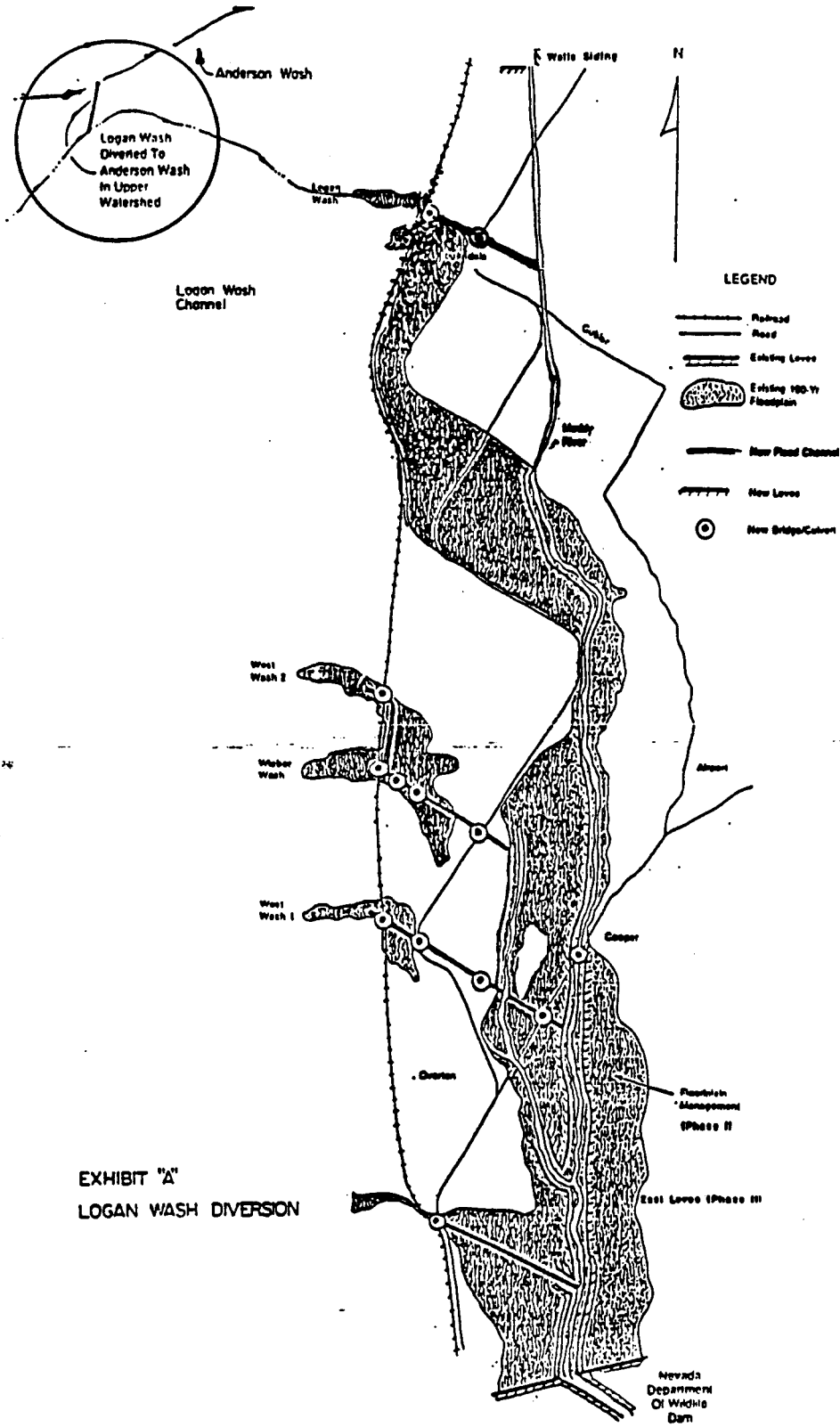
DEANNA LEFKO, Secretary

BY: _____
MICHAEL HARRIS, Chairman

Date of District Action:

Approved as to Legality and Form:

BY: _____
CHRISTOPHER FIGGINS
Deputy District Attorney



CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

VAN BUSKIRK CHANNEL PHASE III IMPROVEMENTS - AWARD OF BID
(CLA.03.E.92)

RECOMMENDATION SUMMARY

STAFF:

To be given at the meeting pending resolution of errors on the bid tabulation.

TECHNICAL COMMITTEE:

Consider at the Special Technical Advisory Committee meeting on August 13, 1992 at 8:05 a.m.

**RFCD AGENDA
ITEM # 11A
Date: 8/13/92**

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

VAN BUSKIRK CHANNEL PHASE III IMPROVEMENTS

PETITIONER:

M. J. MANNING, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE AWARD FOR CONSTRUCTION OF THE VAN BUSKIRK CHANNEL PHASE III FROM ROCHELLE/HILDEBRAND TO MCLEOD DRIVE/UNIVERSITY AVENUE TO THE BEST BIDDER PROGRESSIVE CONTRACTING, INC. IN THE AMOUNT OF \$778,060.00.

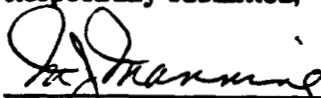
FISCAL IMPACT:

\$778,060 Funded by Regional Flood Control District (Fund 444)

BACKGROUND:

On August 3, 1992 bids were opened for the Van Buskirk Channel Phase III facility in the office of the Director of General Services. Progressive Contracting, Inc. was the best bidder in the amount of \$778,060. A copy of the bid abstract is attached.

Respectfully submitted,



M. J. MANNING
DIRECTOR OF PUBLIC WORKS
MJM:WCB:slh

SPECIAL

TAC AGENDA	RFCD AGENDA
ITEM # 4	ITEM # 11A
Date: 8/13/92	Date: 8/13/92

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 8/5/92

**VAN BUSKIRK CHANNEL PHASE III IMPROVEMENTS - AWARD OF BID
(CLA.03.E.92)**

Clark County opened bids on the Van Buskirk Channel Phase III Improvements on August 3, 1992. This phase of the Van Buskirk Channel Project is from Rochelle Avenue to McLeod Drive and is approximately 1300 feet in length. Clark County recommends that the District accept their recommendation of award to Progressive Contracting, Inc. in the amount of \$778,060. The Interlocal Contract is sufficient to cover the Award of Bid.

Staff Recommendation:

To be given at the meeting pending resolution of errors on the bid tabulation.

Discussion By

**AGENDA
Date:**

Recommendation:

Discussion By

**AGENDA
Date:**

Recommendation:

Van Buskirk Channel

Phase III
 Rochelle Avenue to University Avenue/McLeod Drive
 MEA, Inc.
 Bid Abstract

08/05/92

Item	Description	Quantity	Unit	Engineer's Estimate Unit Price	Engineer's Estimate Amount	Progressive Unit Price	Contracting Amount	J.A. Tiberti Construction Unit Price	J.A. Tiberti Construction Amount	George Bernadot Unit Price	George Bernadot Amount	Max Riggs Unit Price	Construction Amount
109.01	Construction Conflicts & Additional Work	1	LS	30000.00	\$30,000.00	30000.00	\$30,000.00	30000.00	\$30,000.00	30000.00	\$30,000.00	30000.00	\$30,000.00
109.02	Temporary Flood Control	1	LS	30000.00	\$30,000.00	45000.00	\$45,000.00	53053.00	\$53,053.00	30000.00	\$30,000.00	48000.00	\$48,000.00
200.01	Mobilization	1	LS	30000.00	\$30,000.00	50000.00	\$50,000.00	49821.00	\$49,821.00	110000.00	\$110,000.00	15000.00	\$15,000.00
202.01	Remove Structures & Obstructions	1	LS	35000.00	\$35,000.00	95000.00	\$95,000.00	175533.00	\$175,533.00	50000.00	\$50,000.00	160000.00	\$160,000.00
302.01	Type II Aggregate Base (Roadway)	90	CY	25.00	\$2,250.00	20.00	\$1,800.00	24.80	\$2,232.00	25.00	\$2,250.00	23.50	\$2,115.00
402.01	Piermix Bituminous Surface	83	TON	40.00	\$3,320.00	80.00	\$6,840.00	93.00	\$7,719.00	120.00	\$9,960.00	93.00	\$7,719.00
406.01	Prime Coat	0.53	TON	400.00	\$212.00	800.00	\$424.00	2715.09	\$1,439.00	750.00	\$397.50	5800.00	\$3,074.00
407.01	Seal Coat	0.23	TON	300.00	\$69.00	800.00	\$184.00	2700.00	\$821.00	1500.00	\$345.00	6000.00	\$1,380.00
502.01	Reinf. Concrete Box Culv (DBL 6'x5')	152	LF	950.00	\$144,400.00	1400.00	\$212,800.00	1217.00	\$184,984.00	843.00	\$128,136.00	160000.00	\$160,000.00
603.01	Connect Existing Storm Drain	2	EA	1000.00	\$2,000.00	2000.00	\$4,000.00	1423.00	\$2,846.00	1500.00	\$3,000.00	530.00	\$1,060.00
609.01	4' Type "A" Drop Inlet	2	EA	3000.00	\$6,000.00	1700.00	\$3,400.00	1678.00	\$3,356.00	5500.00	\$11,000.00	1500.00	\$3,000.00
612.01	Pneumatically Placed Reinforced Concrete Channel	1170	LF	435.00	\$508,950.00	250000.00	\$250,000.00	495.00	\$579,150.00	584.50	\$883,865.00	358.00	\$418,860.00
612.02	Inlet Structure	1	LS	10000.00	\$10,000.00	7000.00	\$7,000.00	4842.00	\$4,842.00	9500.00	\$9,500.00	50000.00	\$50,000.00
613.01	24" x 12" Type Curb & Gutter	288	LF	8.00	\$2,288.00	20.00	\$5,720.00	11.00	\$3,148.00	12.75	\$3,646.50	10.00	\$2,860.00
613.02	Concrete Sidewalk	1604	SF	4.00	\$6,416.00	5.00	\$8,020.00	3.85	\$5,854.80	3.50	\$5,614.00	3.00	\$4,812.00
613.03	Concrete Valley Gutter	403	SF	4.00	\$1,612.00	8.00	\$2,418.00	6.35	\$2,559.05	8.00	\$2,418.00	4.00	\$1,612.00
616.01	6' Chain Link Fence	678	LF	10.00	\$6,780.00	8.00	\$5,424.00	8.50	\$5,763.00	9.75	\$6,610.50	7.10	\$4,813.80
616.02	12' x 6' Double Swing Gate	2	EA	600.00	\$1,200.00	600.00	\$1,200.00	715.00	\$1,430.00	700.00	\$1,400.00	310.00	\$620.00
621.01	Reset Survey Monuments	1	LS	1000.00	\$1,000.00	200.00	\$200.00	385.00	\$385.00	150.00	\$150.00	2000.00	\$2,000.00
623.01	Remove & Replace Electrical Facilities	1	LS	5000.00	\$5,000.00	4000.00	\$4,000.00	3300.00	\$3,300.00	16500.00	\$16,500.00	16500.00	\$16,500.00
623.02	Relocate Streetlight	2	EA	1500.00	\$3,000.00	2000.00	\$4,000.00	2185.00	\$4,370.00	2250.00	\$4,500.00	2200.00	\$4,400.00
624.01	Traffic Control	120	CAL DAYS	150.00	\$18,000.00	84.00	\$10,080.00	102.00	\$12,240.00	125.00	\$15,000.00	110.00	\$13,200.00
627.01	Remove/Replace Signs	1	LS	500	\$500.00	450.00	\$450.00	550.00	\$550.00	600.00	\$600.00	750.00	\$750.00
627.02	Permanent Signs	2	EA	500.00	\$1,000.00	150.00	\$300.00	175.00	\$350.00	200.00	\$400.00	200.00	\$400.00
629.01	Relocate Water Main (6")	1	LS	34000.00	\$34,000.00	30000.00	\$30,000.00	31729.00	\$31,729.00	24000.00	\$24,000.00	26000.00	\$26,000.00
				Total	\$882,997.00		\$776,000.00		\$1,166,672.65		\$1,140,292.80		\$976,175.80

* corrected extension
 ** refer to transmittal letter



CONSULTING ENGINEERS

1055 EAST TROPICANA AVENUE
SUITE 800
LAS VEGAS, NEVADA 89119

(702) 798-1007
FAX # (702) 798-7056

FAX TRANSMITTAL SHEET

DATE: 8/15/92

TO: Bill Brandt

FROM: COURNOL GARDNER

JOB: _____

Number of Pages Including Cover Sheet: 3

MESSAGE:

If you have any difficulty receiving this fax, call 702-798-1007.

10:51
Time Sent

[Signature]
Operator

MUNDHIR ELJUMAILY ASSOCIATES

403-022

August 5, 1992

Mr. Bill Brandt, P.E.
Clark County Public Works
6655 West Sahara Avenue
Building C-204
Las Vegas, NV 89102

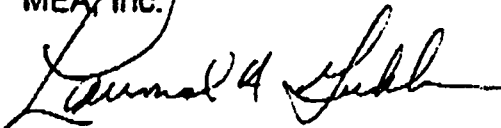
RE: VanBuskirk Channel Phase III Project

Attached is a copy of a letter received from Progressive Contracting, Inc. via fax which formally acknowledges the bidding error and which indicates that it was their intent to specify a unit price for bid item 612.01 of \$213.68 per linear foot and a total amount for this item of \$250,000.

With this supporting documentation, MEA, Inc. recommends award to Progressive Contracting, Inc.

Please call if you have any questions.

Respectfully,
MEA, Inc.



Laurnal H. Gubler, P.E.

LHG:dll



Progressive Contracting, Inc.
GENERAL ENGINEERING CONTRACTOR
4777 EAST CHARLESTON BLVD., SUITE 207J LAS VEGAS, NEVADA 89104

August 5, 1992

Laurnel Gubler
MEA Consulting Engineers
1055 East Tropicana, Suite 800
Las Vegas, Nevada 89119

Re: Van Buskirk Channel, Phase III, Bid No. 2864-92

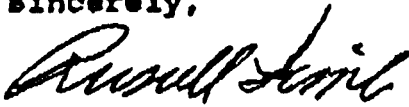
Dear Mr. Gubler,

It has been brought to my attention that Bid item number 612.01, Pneumatically placed reinforced concrete channel, on the above referenced Bid has an error in the unit price item.

My intention is to bid \$250,000.00 for the total Bid Item, and the unit price was meant to be \$213.68. I apologize for the mistake.

Please call me if there are any other questions.

Sincerely,



Russell Limb
President

8-5-92

Post-It™ brand fax transmittal memo 7671		# of pages > 1	
To	Laurnel Gubler	From	Sandra Berman
Co.	MEA Engineers	Co.	PROGRESSIVE Contracting
Dept.		Phone #	702-431-4994
Fax #	702-798-7056	Fax #	702-431-4996

403-021

August 5, 1992

Mr. Bill Brandt, P.E.
Clark County Public Works
6655 West Sahara Avenue
Building C-204
Las Vegas, NV 89102

RECEIVED
137
AUG 05 1992

RE: VanBuskirk Channel Phase III Project

DESIGN & CONST.
MNGT. DIVISION

MEA, Inc. has reviewed and evaluated the bids received for the Van Buskirk - Phase III project. In doing so we find two (2) bidders submitted bids containing errors.

Progressive Contractor, Inc.'s error occurred on bid item 612.01 and appears to involve listing a lump sum (LS) unit price instead of the specified linear foot (LF) unit price. Correcting this error pursuant to Paragraph 7A of the Instructions to Bidders would revise the bid submitted by Progressive Contracting, Inc. from \$778,300.00 to \$293,024,064.00. Progressive Contracting also had an extension error on bid item 406.01.

Max Riggs Construction Company Inc.'s error occurred on bid item 502.01 and appears to involve listing a lump sum (LS) unit price instead of the specified linear foot (LF) unit price. Correcting this error pursuant to Paragraph 7A of the Instructions to Bidders would revise the bid submitted by Max Riggs Construction Company, Inc. from \$978,175.80 to \$25,138,175.80.

Since the errors noted can be attributed to unintentional oversight, MEA, Inc. recommends that formal notice be given to both bidders requesting formal clarification of their bids.

If the information received supports the lump sum (LS) unit price basis in their bids then MEA, Inc. recommends award to Progressive Contracting, Inc. based on their apparent low bid of \$778,060.00. This course action would be allowed by Paragraph 7B of the Instructions to Bidders. If not, MEA, Inc. recommends all bids be rejected and the project be readvertised.

If you have any questions please call.

Respectfully,
MEA, Inc.



Laumal H. Gubler, P.E.

LHG:dll

Handwritten notes:
August 11, 1992
11/12

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

**VAN BUSKIRK CHANNEL - FIRST SUPPLEMENTAL INTERLOCAL CONTRACT
(CLA.03.D.91)**

RECOMMENDATION SUMMARY

STAFF: Approve with funding from Pay-As-You-Go funds.

TECHNICAL COMMITTEE: Approve.

CITIZENS COMMITTEE: Approve.

**RFCD AGENDA
ITEM # 11B
Date: 8/13/92**

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

VAN BUSKIRK CHANNEL

PETITIONER:

M. J. MANNING, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE DESIGN OF IMPROVEMENTS TO VAN BUSKIRK CHANNEL.

FISCAL IMPACT:

\$ 650,000	Previous Interlocal Contract
<u>200,000</u>	Increase per First Supplemental
\$ 850,000	Total funded by Regional Flood Control District

BACKGROUND:

On January 9, 1992, an Supplemental Interlocal Contract was entered into between Clark County and the Regional Flood Control District for design of flood control facilities along the Van Buskirk Channel from the Tropicana Avenue/Reno Avenue area to Twain Avenue.

Clark County Public Works is currently designing the Van Buskirk Channel facilities for Detention Basin Site "A", "C", and "E", and the collection facilities associated with the basins an the channel sections between these basins.

Clark County Public Works is proposing this first supplemental contract to provide additional funding for design of a detention basin at Site "O" along with the collection outlet facilities to Site "O".

Respectfully submitted,



M. J. MANNING
DIRECTOR OF PUBLIC WORKS
MJM:DC:bat

TAC AGENDA

ITEM # 18

Date: 7/30/92

RFCD AGENDA

ITEM # 11B

Date: 8/13/92

CAC AGENDA

ITEM # 16

Date: 8/3/92

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 7/21/92

**VAN BUSKIRK CHANNEL - FIRST SUPPLEMENTAL INTERLOCAL CONTRACT
(CLA.03.D.91)**

Clark County has submitted a request for a First Supplemental Interlocal Contract to include the design of Detention Basin Site "O" on the Van Buskirk Channel System project. Additional funding in the amount of \$200,000 has been requested. The Van Buskirk Channel is programmed on the FY 92/93 Project List. The First Supplemental Interlocal Contract totals \$850,000 and funding is available from Pay-As-You-Go funds.

Staff Recommendation:

Approve.

Discussion By Technical Advisory Committee

**AGENDA
18 Date: 7/30/92**

Recommendation:

Approve.

Discussion By Citizens Advisory Committee

**AGENDA
16 Date: 8/3/92**

Recommendation:

Approve.

FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR
VAN BUSKIRK CHANNEL

THIS FIRST SUPPLEMENTAL CONTRACT, made and entered into this ____ day of _____, 1992, by and between the County of Clark, a political subdivision, hereinafter referred to as "COUNTY", the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT".

W I T N E S S E T H

WHEREAS, on January 9, 1992 the DISTRICT approved an Interlocal Contract to provide funds for the design of four detention basins, four channel crossings, up to 14,000 linear feet of pipeline, up to 10,000 linear feet of channel, inlet and outlet structures, and other facilities as may be necessary to control flood waters along the Van Buskirk Channel.

WHEREAS, it is necessary to provide additional funds for the completion of the design of the Van Buskirk flood control improvements as shown on exhibit "A".

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises hereto, it is mutually understood and agreed to supplement the Interlocal Contract approved January 9, 1992.

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

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

1. Preliminary engineering and engineering design shall not exceed \$820,000.
2. Right-of-way engineering, appraisals, and negotiations at a cost not to exceed \$30,000.
3. The total cost of this Contract shall not exceed \$850,000 which includes all the items described in paragraphs one and two 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.

Paragraph 13 of SECTION III - GENERAL shall be changed to read as follows:

13. The items covered in paragraphs one and two of SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to March 1, 1993. The DISTRICT may, at any time thereafter, either grant an extension of time or

terminate this Contract and require all sums advanced to the COUNTY be repaid.

The remainder of the contract dated January 9, 1992 shall remain unchanged.

ATTEST:

CLARK COUNTY
BOARD OF COUNTY COMMISSIONERS

LORETTA BOWMAN, County Clerk

BY: JAY BINGHAM, Chairman

Date of Commission Action:

ATTEST
DISTRICT

REGIONAL FLOOD CONTROL

DEANNA LEFKO, Secretary

BY: MICHAEL HARRIS, Chairman

Date of District Action:

Approved as to Legality and Form:

BY: CHRISTOPHER FIGGINS
Deputy District Attorney

EXHIBIT "A"

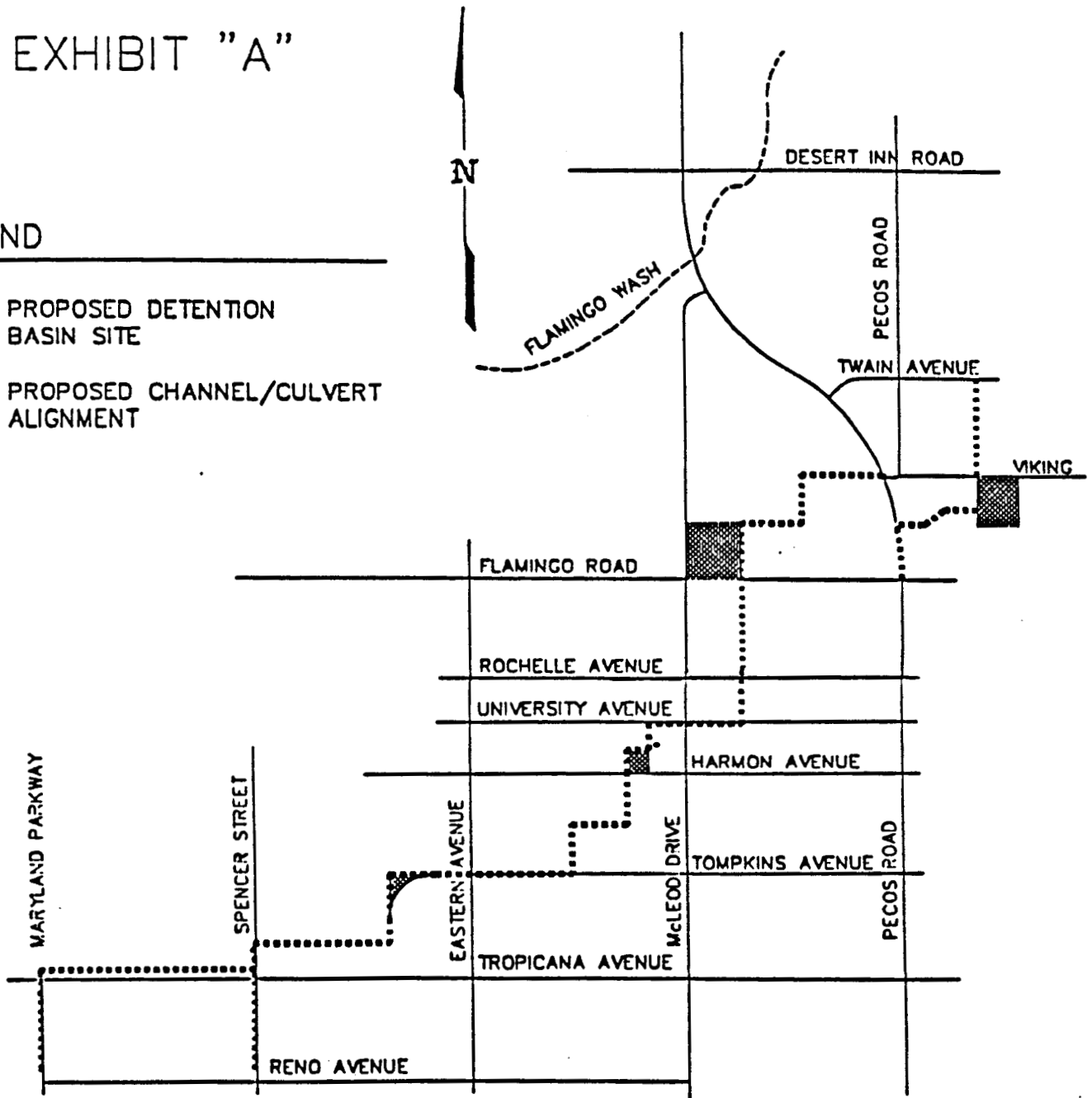
LEGEND



PROPOSED DETENTION
BASIN SITE



PROPOSED CHANNEL/CULVERT
ALIGNMENT



VAN BUSKIRK CHANNEL FLOOD CONTROL FACILITIES

VANBUSK 9/28/90 KTL

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

UNION PACIFIC RAILROAD CHANNEL - FIRST SUPPLEMENTAL INTERLOCAL
CONTRACT (HEN.03.B.92)

RECOMMENDATION SUMMARY

STAFF: Approve with no additional funding required.

TECHNICAL COMMITTEE: Approve.

CITIZENS COMMITTEE: Approve.

**RFCD AGENDA
ITEM # 12
Date: 8/13/92**

CLARK COUNTY

REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT: First Supplemental Interlocal Contract for Union Pacific Railroad Channel.


PETITIONER: City of Henderson

RECOMMENDATION OF PETITIONER: That the Clark County Regional Flood Control Board approve the First Supplemental Interlocal Contract for the construction of the Union Pacific Railroad Channel.

FISCAL IMPACT: None

BACKGROUND: The original contract for construction of the Union Pacific Railroad Channel was approved March 12, 1992. This First Supplemental Agreement reallocates funds for additional construction easements on the Union Pacific Railroad right-of-way. The agreement with the Union Pacific Railroad is attached.

Respectfully submitted,


Mark T. Calhoun, P.E.
Director of Public Works

TAC AGENDA
ITEM # 19
Date: 7/30/92

RFCD AGENDA
ITEM # 12
Date: 8/13/92

CAC AGENDA
ITEM # 17
Date: 8/3/92

WCC:jn

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 8/3/92

UNION PACIFIC RAILROAD CHANNEL - FIRST SUPPLEMENTAL INTERLOCAL CONTRACT (HEN.03.B.92)

The City of Henderson has submitted a request for a First Supplemental Interlocal Contract to reallocate funding for an additional construction easement on the Union Pacific Railroad Channel Project. Union Pacific Railroad Company (UPRC) has informed the City of Henderson that the easement dated 1987 must be supplemented to account for the upper 1000 feet of the project which is now proposed as a pipeline. The processing fee for the amended easement required by UPRC is \$35,635. Staff understands that the processing fee was calculated based on an appraisal rate of approximately \$2.25 per square foot for the easement which measures 15' wide by 1000' long. The First Supplemental Interlocal Contract reduces construction engineering by \$36,000 and includes, by the like amount, administrative and processing fees for the amended easement. The First Supplemental Interlocal Contract totals \$2,600,000 and requires no additional funding.

Staff Recommendation:

Approve.

Discussion By Technical Advisory Committee

**AGENDA
19 Date: 7/30/92**

Recommendation:

Approve.

Discussion By Citizens Advisory Committee

**AGENDA
17 Date: 8/3/92**

Recommendation:

Approve.

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FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR
CONSTRUCTION OF THE UNION PACIFIC RAILROAD CHANNEL

THIS SUPPLEMENTAL CONTRACT, made and entered into this _____ day of _____, 1992, by and between the CITY OF HENDERSON, a municipal corporation, hereinafter referred to as "CITY", and the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT".

WITNESSETH

WHEREAS, on March 12, 1992, the DISTRICT approved an Interlocal Contract to provide funds for the construction and construction engineering of the Union Pacific Railroad Channel as shown on the attached Exhibit "A"; and

WHEREAS, the original license agreement with the Union Pacific Railroad which allows the City to construct the PROJECT in their right-of-way requires modification to accommodate the PROJECT as designed; and

WHEREAS, the Union Pacific Railroad requires a processing fee for the required modification; and,

WHEREAS, it is necessary to reallocate funding for the processing fee.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises hereto, it is mutually understood and agreed to supplement the Interlocal Contract approved March 12, 1992, as follows:

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

SECTION II - PROJECT COSTS

The DISTRICT agrees to fund project costs within the limits specified below:

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- 1. Construction costs of the Pittman Wash Channel shall not exceed \$2,418,000.00.
- 2. The construction inspection, testing, and surveying shall not exceed \$146,000.00 or seven percent of the construction costs, whichever is less.
- 3. The administrative fee to modify the license agreement with the Union Pacific Railroad shall not exceed \$36,000.00. In order to avoid delays in the construction of the PROJECT it is agreed that the CITY may request reimbursement of this fee if it is paid prior to the date of approval of this supplemental agreement.
- 4. The total cost of this Agreement shall not exceed \$2,600,000.00 which includes all the items described in paragraphs one and two above.

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

The remainder of the Interlocal Contract dated March 12, 1992, remains unchanged.

CITY OF HENDERSON

Date of Council Action:

BY: _____

ATTEST:

DOROTHY VONDENBRINK, City Clerk

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CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

Date of District Action:

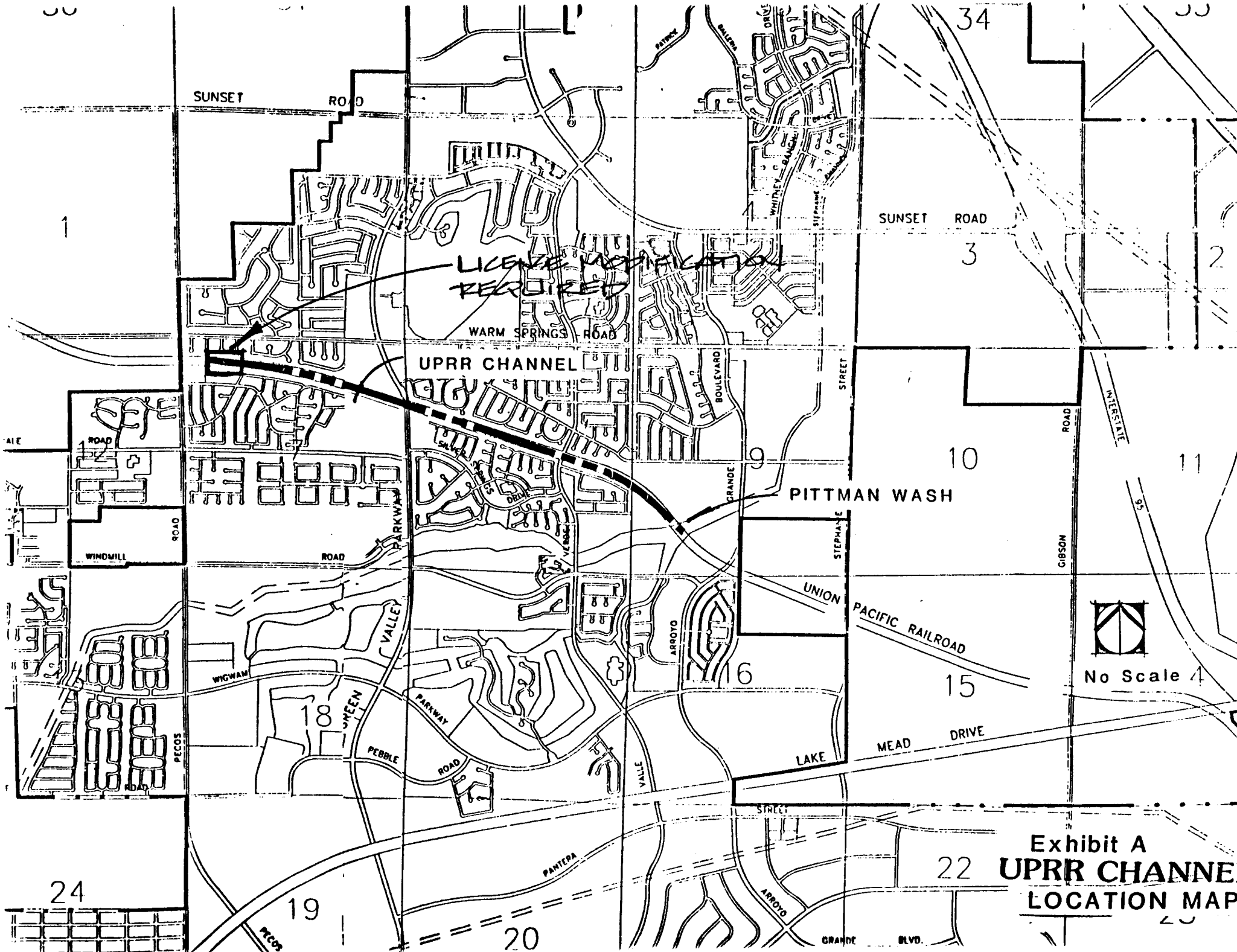
BY: _____
MICHAEL HARRIS, Chairman

ATTEST:

DEANNA LEFKO, Board Secretary

APPROVED AS TO FORM:

CHRISTOPHER FIGGINS
Deputy District Attorney



LICENSE MODIFICATION
REQUIRED

UPRR CHANNEL

PITTMAN WASH

Exhibit A
**UPRR CHANNEL
LOCATION MAP**



No Scale



CITY OF HENDERSON

CITY HALL

240 WATER STREET

702/565-2323

HENDERSON, NEVADA 89015-7200

Gateway to Lake Mead Resorts

July 15, 1992

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

Re: Supplemental Agreement Number 1 for the construction of the Union Pacific Railroad Channel

Dear Ms. Bax-Valentine:


Attached is an agenda item requesting Supplemental Agreement Number 1 for the construction of the Union Pacific Railroad Channel. This supplemental agreement is required in order to allocate money under the original agreement for the payment of a processing fee to the Union Pacific Railroad to modify the license under which the Union Pacific Railroad Channel is being constructed. The modification will extend the license an additional 1000 feet to the west and allow the construction of a pipeline instead of an open channel.

The City of Henderson and the Union Pacific Railroad have had an agreement for the construction of the Union Pacific Railroad Channel within the railroad right-of-way since 1987. Because of the topography the western 1000 feet of the project will be a pipeline rather than a channel as specified in the 1987 agreement. The Railroad was contacted concerning this change and they agreed to supplement the original 1987 agreement to accommodate the pipeline. For this they required a processing fee of \$35,635.00. A copy of the proposed agreement with the Railroad is attached for your reference.

This supplemental agreement does not increase the total amount of the March 12 agreement, but reallocates the funding categories within the agreement. We are also requesting that the City be allowed to seek reimbursement from the District for the payment of the fee to the Railroad. This will allow us to execute the modification to the license with the Railroad in a timely manner and avoid potential delays to the construction of the project. We recognize that any payments to the Railroad prior to the approval of the supplemental agreement would be at the City's risk.

Thank you for your cooperation in this matter. Please let me know if you have any questions concerning this request.

Sincerely,


Curt Chandler, P.E.
Land Development Manager

cc: Saeed Ahmad, Mark Calhoun
/jn

RECEIVED

JUL 15 1992
9:14

REGIONAL
FLOOD CONTROL DISTRICT

UNION PACIFIC RAILROAD COMPANY

CONTRACTS & REAL ESTATE DEPARTMENT

ROOM 1100, 1416 DODGE STREET
OMAHA, NEBRASKA 68179-1100
(402) 271-3753
FAX (402) 271-5493



May 12, 1992

VPO File: 804323
Drainage & Waterway
Henderson, Nevada

MR CURT CHANDLER P E
LAND DEVELOPMENT MGR
CITY OF HENDERSON
CITY HALL
240 WATER STREET
HENDERSON NV 89015-7200

Dear Mr. Chandler:

SUBJECT: Supplemental Agreement - Audit No. 141918, dated September 4, 1987, as supplemented and amended, covering an underground 30-inch RCP pipeline encroachments - Henderson, Nevada

Please refer to your letter of March 17, 1992, concerning the above Drainage and Waterway Agreement and your request to include a 30-inch RCP pipeline encroachment in the agreement.

Attached are duplicate originals of a Supplemental Agreement to substitute the exhibit print to include the pipeline encroachment.

Also attached is a Contractor's Right of Entry Agreement which must be executed and returned if work is to be performed by a Contractor.

In the spaces marked by an "x", please execute or arrange for execution of the attached document and have the signatures witnessed or attested, as indicated. Please RETURN ALL COPIES OF THE DOCUMENT in the enclosed self-addressed envelope for execution on behalf of the Railroad Company. Your copy of the fully executed document will be returned to you, if approved by the Railroad Company.

Please include the one-time administrative handling payment for this agreement in the amount of \$35,635.00.

Also, please provide a resolution or other authorization for the party executing the document, copy attached.

If you have any questions, please contact the undersigned at (402) 271-3870.

Sincerely yours,



J. M. KING
Contracts Representative

Attachment

Folder No. Drain & Waterway
Henderson, NV.

Audit No. 141918

SUPPLEMENTAL AGREEMENT

THIS SUPPLEMENTAL AGREEMENT is made and entered into as of the _____ day of _____, 1992, by and between UNION PACIFIC RAILROAD COMPANY, a Utah corporation (hereinafter the "Railroad Company"), and CITY OF HENDERSON, a municipal corporation of the State of Nevada, to be addressed at City Hall, 240 Water Street, Henderson, Nevada 89015-7200 (hereinafter the "Licensee").

RECITALS:

By instrument dated September 4, 1987, the parties hereto or their predecessors in interest (if any), entered into an agreement (hereinafter the "Basic Agreement"), identified as Audit No. 141918, as supplemented and amended, covering the construction and maintenance of a proposed concrete-lined drainage channel herein and in the Basic Agreement called "Drainage Facilities" on Railroad's right-of-way at or near Henderson, Clark County, Nevada.

The parties now desire to modify the Basic Agreement, as supplemented and amended, by adding exhibit print A-1 to include a 30-inch reinforced concrete pipeline between Mile Posts 6.01 and 6.20, amending Section 2 to add the pipeline encroachment, and adding Section 18 to provide for the modification, relocation or removal of the pipeline at Licensee's sole expense.

AGREEMENT:

NOW, THEREFORE, IT IS AGREED by and between the parties hereto as follows:

Section 1. SUBSTITUTION OF PRINT.

The print dated May 12, 1992, attached hereto as Exhibit "A", shall be and hereby is substituted for the print dated May 2, 1988, attached to the Basic Agreement, and from and after the effective date herein whenever the term Drainage Facilities is used in the Basic Agreement, or any amendment or supplement thereto (if any), such reference shall be deemed to include both the Drainage Facilities and Pipeline as shown on Exhibit "A-1" hereto attached.

Section 2. AMENDMENT OF SECTION 2 OF BASIC AGREEMENT.

Effective as of the date first herein written, Section 2 of the Basic Agreement is amended to read as follows:

"It is expressly agreed that this license and permission is granted solely for the purpose of Licensee's, or its contractor's, at Licensee's sole cost and expense, furnishing all necessary labor, materials, tools, equipment and instrumentalities and excavating, constructing, installing, and thereafter maintaining and using its proposed concrete-lined drainage channel, together with all appurtenances thereto, including, but not limited

to, its proposed maintenance access roadway, double 4' x 6' box culvert at Green Valley Road, and a pipeline drainage encroachment (hereinafter collectively called "Drainage Facilities"), to conform substantially to specifications, notes and cross sections shown on Exhibit "A", located on and along a southerly 30-ft. portion of Railroad's right-of-way between Mile Posts 6.2 and 8.02, as shown on Exhibit "A", and pipeline encroachment between Mile Posts 6.01 and 6.20, as shown on Exhibit "A-1", and is expressly subject and subordinate to the present and future right in Railroad, its successors, assigns, lessees, grantees and licensees to maintain, use, operate and renew on, beneath or above surface of Premises any telephone, telegraph power, communication or signal lines, poles and/or appurtenances, fiber optic communications, tracks, roadways, pipelines, structures, improvements or facilities of similar or different character, as now located; and to construct, install, establish, and thereafter maintain, use operate and renew on, beneath or above the surface of Premises, any or all said things."

Section 3. ADDITION OF SECTION 18 TO BASIC AGREEMENT.

Effective as of the date first herein written, Section 18 is added to the Basic Agreement to read as follows:

"RELOCATION OR REMOVAL OF PIPELINE

"(a) The license herein granted is subject to the needs and requirements of the Licensor in the operation of its railroad and in the improvement and use of its property, and the Licensee shall, at the sole expense of the Licensee, move all or any portion of the Pipeline to such new location as the Licensor may designate, whenever, in the furtherance of its needs and requirements, the Licensor shall find such action necessary or desirable."

"(b) All the terms, conditions and stipulations herein expressed with reference to the Pipeline on property of the Licensor in the location hereinbefore described shall, so far as the Pipeline remains on the property, apply to the Pipeline as modified, changed or relocated within the contemplation of this section."

Section 4. ADMINISTRATIVE HANDLING CHARGE.

The Licensee shall pay to the Railroad Company an administrative handling charge of THIRTY-FIVE THOUSAND SIX HUNDRED THIRTY-FIVE DOLLARS (\$35,635.00).

Section 5. EFFECTIVE DATE.

This Supplemental Agreement shall be effective as of the date first herein written.

Section 6. AGREEMENT SUPPLEMENTAL.

This agreement is supplemental to the Basic Agreement, as herein and/or heretofore amended (if applicable), and nothing herein contained shall be construed as amending or modifying the same except as herein specifically provided.

IN WITNESS WHEREOF, the parties hereto have caused this Supplemental Agreement to be executed, in duplicate, as of the day and year first herein written.

UNION PACIFIC RAILROAD COMPANY

By _____
Director-Contracts

Witness:

CITY OF HENDERSON, NEVADA

By _____
Mayor

RESOLUTION

WHEREAS, the UNION PACIFIC RAILROAD COMPANY has tendered to the CITY OF HENDERSON, STATE OF NEVADA (hereinafter called City), a supplemental license for a drainage and waterway agreement covering the inclusion of a 30-inch RCP pipeline encroachment between Mile Posts 6.01 and 6.20 on the Railroad Company's right of way at or near Henderson, Clark County, Nevada; and

WHEREAS, the Council of said City has said proposed agreement before it and has given it careful review and consideration; and

WHEREAS, it is considered that the best interests of said City will be subserved by the acceptance of said agreement;

THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HENDERSON;

That the terms of the agreement submitted by the Railroad Company as aforesaid be, and the same are hereby, accepted on behalf of said City;

That the Mayor of said City is hereby authorized, empowered, and directed to execute said agreement on behalf of said City and that the City Clerk of said City is hereby authorized and directed to attest said agreement and to attach to each duplicate original of said agreement a certified copy of this Resolution.

STATE OF NEVADA)
)ss
COUNTY OF CLARK)

I, _____, City Clerk of said City, hereby certify that the above and foregoing is a true, full and correct copy of a Resolution adopted by the Council of said City at a meeting held according to law at said City on the _____ day of _____, 1992, as the same appears on file and of record in this office.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the corporate seal of said City, this _____ day of _____, 1992.

City Clerk of the
City of Henderson
State of Nevada

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

LAS VEGAS WASH (CRAIG ROAD TO CIVIC CENTER DRIVE) -
FOURTH SUPPLEMENTAL INTERLOCAL CONTRACT (NLV.01.B.87)

RECOMMENDATION SUMMARY

STAFF: Approve.

TECHNICAL COMMITTEE: Approve.

CITIZENS COMMITTEE: Approve.

**RFCD AGENDA
ITEM # 13
Date: 8/13/92**

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

Fourth Supplemental Interlocal Agreement for the Las Vegas Wash between
Craig Road and Civic Center Drive

PETITIONER: Gary W. Holler, P.E., 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 subject Fourth
Supplemental Interlocal Agreement.

FISCAL IMPACT:

\$60,000

BACKGROUND:

The King Charles Channel Project, Phase II, Project #NLV.01.B.87, is the final portion of a series of projects that extends from Craig Road to the "A" Channel. This channel accommodates flows from the North Las Vegas Detention Basin and benefits Clark County, the City of Las Vegas, and the City of North Las Vegas.

This request for a Fourth Supplemental Agreement is necessary to fund additional costs experienced in the course of construction of this project. Extensive meetings to resolve differences between the contractor, Max Riggs Construction, and the construction administrator, James M. Montgomery Engineers, have been conducted to finalize this project. \$60,000 in additional funds are requested which comprises 1.5 percent of the overall cost of this project.

Respectfully submitted,



CAC AGENDA
ITEM # 18
Date: 8/3/92

4thInter
07/21/92

TAC AGENDA
ITEM # 20
Date: 7/30/92

RFCF AGENDA
ITEM # 13
Date: 8/13/92

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 8/3/92

LAS VEGAS WASH (CRAIG ROAD TO CIVIC CENTER DRIVE) - FOURTH SUPPLEMENTAL INTERLOCAL CONTRACT (NLV.01.B.87)

The City of North Las Vegas has submitted a request for a Fourth Supplemental Interlocal Contract to increase funding by \$60,000 on the Las Vegas Wash from Craig Road to Civic Center Drive project. The increase has been requested to fund additional expenses incurred during construction so that final payments can be made on the project. The Fourth Supplemental Interlocal Contract totals \$2,440,600.

Staff Recommendation:

Approve.

Discussion By Technical Advisory Committee

**AGENDA
20 Date: 7/30/92**

Recommendation:

Approve.

Discussion By Citizens Advisory Committee

**AGENDA
18 Date: 8/3/92**

Recommendation:

Approve.

**FOURTH SUPPLEMENTAL INTERLOCAL AGREEMENT
LAS VEGAS WASH BETWEEN CRAIG ROAD AND CIVIC CENTER DRIVE**

THIS AGREEMENT made and entered into as of the _____ day of _____, 1992 by and between the Clark County Regional Flood Control District hereinafter referred to a "DISTRICT", the County of Clark, a political subdivision, the City of Henderson, a municipal corporation, the City of Las Vegas, a municipal corporation, and the City of North Las Vegas, a municipal corporation hereinafter referred to as "CITY".

W I T N E S S E T H

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes a project for the construction of a flood control channel on Las Vegas Wash between Craig Road and Civic Center Drive, located totally within the CITY has been approved by the DISTRICT; and,

WHEREAS, pursuant thereto, an INTERLOCAL AGREEMENT was entered into on the 15th day of September, 1987, a SUPPLEMENTAL INTERLOCAL AGREEMENT was entered into on the 16th day of August, 1988, a SECOND SUPPLEMENTAL INTERLOCAL AGREEMENT was entered into on the 14th day of September, 1989 and a THIRD SUPPLEMENTAL INTERLOCAL AGREEMENT was entered into on the 14th day of June, 1990 between the Clark County Regional Flood Control District, the County of Clark, the City of Las Vegas, the City of Henderson and the City of North Las Vegas; and,

WHEREAS, it is desired to supplement the aforementioned INTERLOCAL AGREEMENT and supplements thereto in order to provide additional funds for engineering design, construction administration, and construction.

NOW THEREFORE, in consideration of the premises and the terms contained herein, the PARTIES agree to modify the INTERLOCAL AGREEMENT as amended by all previous supplements as follows:

1. SECTION II - PROJECT COSTS is deleted in its entirety and the following is inserted in lieu thereof:
 - A. Cost of construction for this project shall not exceed \$2,232,800 except as provided in the following paragraphs B, and C.
 - B. Engineering design not to exceed \$24,500. Funds not used for this purpose may be used to increase maximum amount for construction, as included in paragraph A, above.
 - C. Contract supervision and administration, field staking, construction inspection and testing to insure compliance with contract documents of a cost not to exceed \$183,300 or 8.3%. Funds not used for this purpose may be used to increase maximum amount for construction, as included in paragraph A, above.
 - D. The total cost for this Agreement shall not exceed \$2,440,600.
2. A written request must be made to the DISTRICT and a supplemental interlocal contract approved to increase any of the amounts noted above prior to payment of any additional funds.

3. The remainder of the original INTERLOCAL AGREEMENT, the SUPPLEMENTAL INTERLOCAL AGREEMENT, the SECOND SUPPLEMENTAL INTERLOCAL AGREEMENT and the THIRD SUPPLEMENTAL INTERLOCAL AGREEMENT shall remain unchanged.
4. The Clark County Regional Flood Control District agrees that a portion of the additional funding provided by this FOURTH SUPPLEMENTAL INTERLOCAL AGREEMENT is to be used to fund work accomplished prior to the date of this FOURTH SUPPLEMENTAL INTERLOCAL AGREEMENT.

Date of District Action

REGIONAL FLOOD CONTROL DISTRICT

MICHAEL R. HARRIS, Chairman

ATTEST:

DEANNA LEFKO, Board 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

Date of Council Action

CITY OF HENDERSON

LORNA KESTERSON, Mayor

ATTEST:

DOROTHY VONDENBRINK, City Clerk

Date of Commission Action:

CLARK COUNTY
BOARD OF COMMISSIONERS

JAY BINGHAM, Chairman

ATTEST:

LORETTA BOWMAN, County Clerk

Date of Council Action:

CITY OF LAS VEGAS

JAN LAVERTY JONES, Mayor




ATTEST:

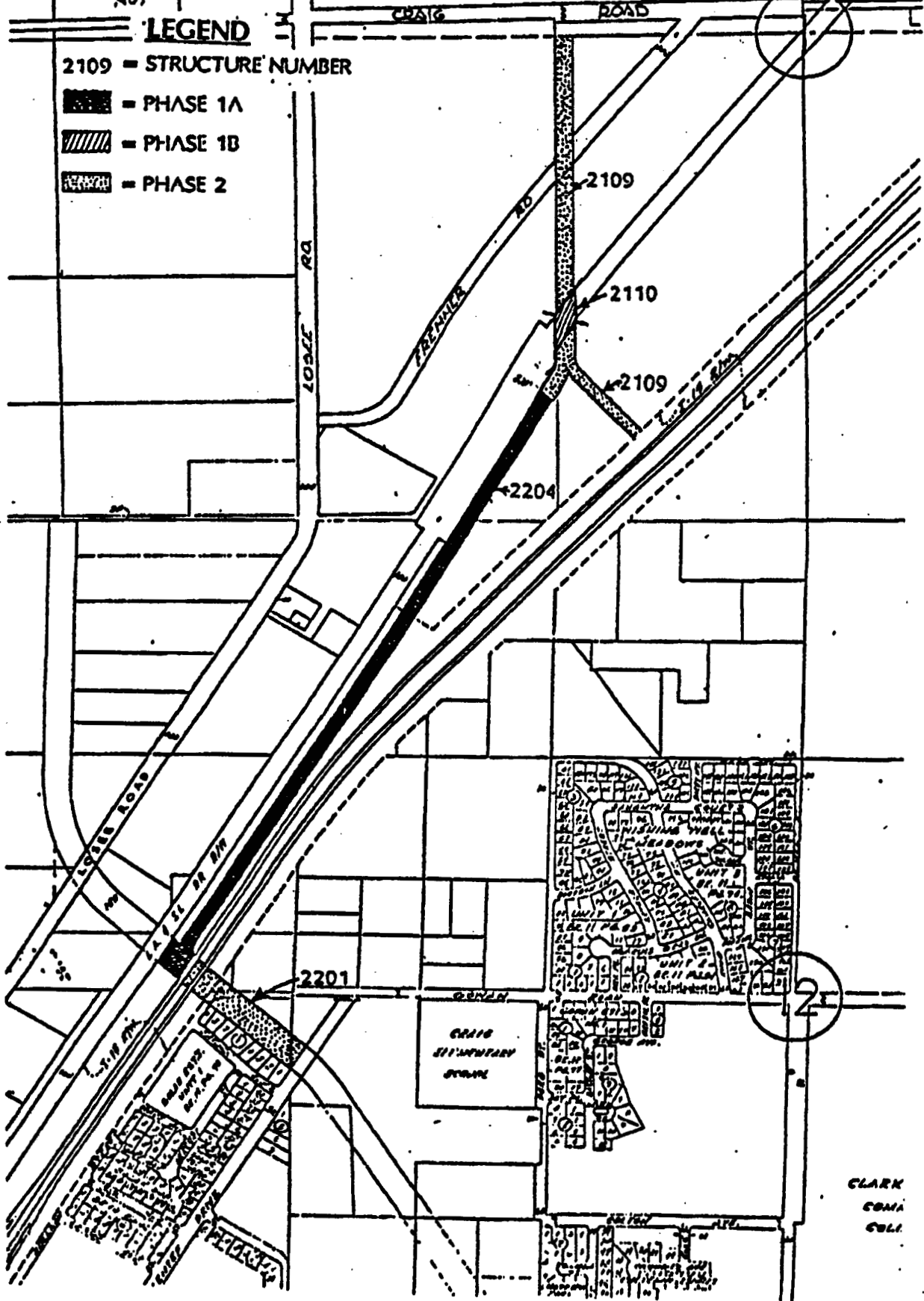
KATHLEEN M. TIGHE, City Clerk

KING CHARLES DIVERSION CHANNEL EXHIBIT 'A'

NORTH
SCALE: 1" = 600'

LEGEND

- 2109 = STRUCTURE NUMBER
-  = PHASE 1A
-  = PHASE 1B
-  = PHASE 2



CLARK
CONSULTANTS

N^o Channel Reconstruction

	Design	Construction	Cont Adm	Total
1. 9/15/87 agreement		\$920,000.00	\$80,000.00	\$1,000,000.00
2. 9/14/89 2nd supplemental agreement	\$30,000.00	470,000.00		\$500,000.00
3. 6/14/90 3rd supplemental agreement		800,600.00	\$80,000.00	\$880,600.00
TOTAL FUNDING AMOUNT	\$30,000.00	\$2,190,600.00	\$160,000.00	\$2,380,600.00
Amount expended to date to 6/26/92	24,500.00	2,198,221.03	170,227.30	\$2,392,948.33
Encumbrance: JMM thru 7/17/92			3,059.15	3,059.15
Encumbrance Pending: JMM 7/18/92 to conclusion			10,013.55	10,013.55
Encumbrance: Max Riggs, final estimate		1,000.00		1,000.00
Encumbrance Pending: Max Riggs, water line		24,720.00		24,720.00
Contingency Funds		8,858.97		8,858.97
TOTAL FUNDS EXPENDED & EMCUMBERED	\$24,500.00	\$2,232,800.00	\$183,300.00	\$2,440,600.00
DIFFERENCE	\$5,500.00	(\$42,200.00)	(\$23,300.00)	(\$60,000.00)

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

HEMENWAY VALLEY FLOOD CONTROL IMPROVEMENTS - CHANGE ORDER
NUMBER 2 (BOU.01.B.88)

RECOMMENDATION SUMMARY

STAFF: Approve.

TECHNICAL COMMITTEE: Approve.

CITIZENS COMMITTEE: Approve.

**RFCD AGENDA
ITEM # 14
Date: 8/13/92**

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT: Change Order No. 2 for Hemenway Valley Flood Control Improvements Project.

PETITIONER: City of Boulder City

RECOMMENDATION OF PETITIONER:

Recommend the Regional Flood Control District (RFCD) approve Change Order No. 2 for the Hemenway Valley Flood Control Improvement Project.

FISCAL IMPACT:

Current Sixth Supplemental Agreement; \$5,356,000. This proposed Change Order No. 2 is within current funding limits of the Sixth Supplemental Agreement.

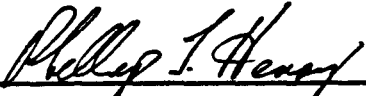
BACKGROUND:

Max Riggs Construction Co., Inc., is the General Contractor of the Hemenway Valley Flood Control Improvement Project. Construction completed is greater than 50% and several items of construction are approaching or exceeding project quantities. These areas are in utility adjustments and rock excavation.

The Sixth Supplemental Agreement for this project was reviewed by the Technical Advisory Committee in May and approved by the Regional Flood Control Commission in June, 1992. This Agreement provided \$150,000 to fund additional utility conflicts and channel rock excavation.

Change Order No. 2 is attached, provides the specific project changes and is in the amount of \$149,970.37.

Respectfully submitted,



Phillip T. Henry, P.E.
City Engineer
Boulder City, Nevada
Date: 7/21/92

CAC AGENDA
ITEM # 19
Date: 8/3/92

TAC AGENDA
ITEM# 21
Date: 7/30/92

RFCD AGENDA
ITEM # 14
Date: 8/13/92

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 7/21/92

**HEMENWAY VALLEY FLOOD CONTROL IMPROVEMENTS - CHANGE ORDER
NUMBER 2 (BOU.01.B.88)**

The City of Boulder City has negotiated a change order for the Hemenway Valley Flood Control Improvement project. The change order includes adjustments for utility conflicts and rock excavation. The net increase to the construction contract for Change Order Number 2 is \$149,970.37. The current Interlocal Contract is sufficient to cover the change order amount.

Staff Recommendation:

Approve.

Discussion By Technical Advisory Committee

**AGENDA
21 Date: 7/30/92**

Recommendation:

Approve.

Discussion By Citizens Advisory Committee

**AGENDA
19 Date: 8/3/92**

Recommendation:

Approve.

**BOULDER CITY, NEVADA
CONTRACT CHANGE ORDER**

AIP NO. _____
PROJECT NO. 89-0266-DR
CHANGE ORDER NO. 2

DATE: 7/16/92
DESCRIPTION: Adjustment to Quantities

TO: (CONTRACTOR) Max Riggs Const. Co. Inc. Bid & C.O. #1: \$4,756,291.34

You are hereby requested to comply with the following changes from the contract plans and specifications:

ITEM NO. (1)	DESCRIPTION OF CHANGES-QUANTITIES, UNITS, UNIT PRICES, CHANGES IN COMPLETION SCHEDULE, ETC. (2)	DECREASE IN CONTRACT PRICE (3)	INCREASE IN CONTRACT PRICE (4)
I. b.	Channel Rock Excavations; increase quantity from 3,500 cy to 13,470 cy @ \$9.00/cy		\$89,730.00
IX. a.	18" Dia. pipe; increase quantity from 90.0 to 91.5 ft. @ \$90.00/ft.		135.00
b.	16" Dia. pipe; decrease quantity from 315 to 298 ft at \$80.00/ft.	\$ 1,360.00	
c.	12" Dia. pipe; increase quantity from 90 to 317 ft @ \$150.00/ft.		34,050.00
d.	10" Dia. pipe; decrease quantity 220 ft @ \$150.00/ft.	33,000.00	
e.	8" Dia. pipe; increase quantity from 110 to 149 ft @ \$75.00/ft.		2,925.00
f.	10" SDR 35 pipe; decrease quantity from 150 to 148 ft. @ \$50.00 continued next page...	100.00	

The sum of \$ 149,970.37 is hereby added to the total contract price, and the total adjusted contract price to date thereby is \$4,906,261.71

The time provided for completion in the contract is unchanged, by 0 calendar days. This document shall become an amendment to the contract and all provisions of the contract will apply hereto.

ACCEPTED BY: _____
Contractor

Date

RECOMMENDED BY: _____
City Engineer

Date

APPROVED BY: _____
City Manager

Date

NOTE: Work performed under this change order prior to Boulder City's concurrence is at owners risk. Boulder City concurrence will be evidenced by signature of the City Manager.

**BOULDER CITY, NEVADA
CONTRACT CHANGE ORDER**

AIP NO. _____
PROJECT NO. 89-0266-DR
CHANGE ORDER NO. 2

DATE: 7/16/92
DESCRIPTION: Adjustment to Quantities

TO: (CONTRACTOR) Max Riggs Const. Co. Inc. Bid & C.O. #1: \$4,756,291.34

You are hereby requested to comply with the following changes from the contract plans and specifications:

ITEM NO. (1)	DESCRIPTION OF CHANGES-QUANTITIES, UNITS, UNIT PRICES, CHANGES IN COMPLETION SCHEDULE, ETC. (2)	DECREASE IN CONTRACT PRICE (3)	INCREASE IN CONTRACT PRICE (4)
IX. h-1.	Misc. Couplings 10"; decrease quantity by 4 @ \$250.00	\$ 1,000.00	
X. a.	Excavate/backfill conduit; reduce quantity from 8,400 to 7,902 ft @ \$7.90/ft.	\$ 3,934.20	
b.	Furnish/Install 5" conduit; increase quantity from 17,540 to 18,872 ft @ \$3.25/ft.		\$ 4,329.00
c.	Furnish/Install 4" conduit; reduce quantity from 2,050 to 1,254 ft @ \$3.30/ft.	\$ 2,626.80	
d.	Furnish/Install Junction Box; increase quantity from 21 to 25 @ \$1,680.00/ea.		\$ 6,720.00
continued next page...			

The sum of \$ 149,970.37 is hereby added to the total contract price, and the total adjusted contract price to date thereby is \$4,906,261.71

The time provided for completion in the contract is unchanged, by 0 calendar days. This document shall become an amendment to the contract and all provisions of the contract will apply hereto.

ACCEPTED BY: _____ Contractor

_____ Date

RECOMMENDED BY: *Phillip Hanson*
City Engineer

7/16/92
Date

APPROVED BY: _____
City Manager

_____ Date

.NOTE: Work performed under this change order prior to Boulder City's concurrence is at owners risk. Boulder City concurrence will be evidenced by signature of the City Manager.

BOULDER CITY, NEVADA
CONTRACT CHANGE ORDER

AIP NO. _____
PROJECT NO. 89-0266-DR
CHANGE ORDER NO. 2

DATE: 7/16/92
DESCRIPTION: Adjustment to Quantities

TO: (CONTRACTOR) Max Riggs Const. Co. Inc. Bid & C.O. #1: \$4,756,291.34

You are hereby requested to comply with the following changes from the contract plans and specifications:

ITEM NO. (1)	DESCRIPTION OF CHANGES-QUANTITIES, UNITS, UNIT PRICES, CHANGES IN COMPLETION SCHEDULE, ETC. (2)	DECREASE IN CONTRACT PRICE (3)	INCREASE IN CONTRACT PRICE (4)
	<u>Force Account:</u>		
a.	Concrete encase electric conduit Route 93 and Trailhead; Increase.		\$1,211.57
b.	Lowering existing electric conduit at Lake Mountain Drive Box Culvert.		2,979.17
c.	Concrete backfill at Route 93 and St. Jude's Box Culvert.		1,280.74
d.	14" Steel Water Line relocation at Station 35 + 00.		8,785.02
e.	General Contractor 10% add on for items C & D.		1,006.58
f.	12" Steel Water Line relocation at Station 85 + 80.		9,479.01
g.	Disposal 14" Steel Water Line.		590.62
h.	10" Water Line Relocation; Pacifica Way.		11,201.80
i.	6" Water Line Relocation Station 81 + 80.		2,922.80
j.	12" Water Line Relocation @ SR 26		11,114.27
k.	General Contractor 10% add on for items f thru j.		<u>3,530.79</u>
		<u>\$42,021.00</u>	<u>\$191,991.37</u>

The sum of \$ 149,970.37 is hereby added to the total contract price, and the total adjusted contract price to date thereby is \$4,906,261.71

The time provided for completion in the contract is unchanged, by 0 calendar days. This document shall become an amendment to the contract and all provisions of the contract will apply hereto.

ACCEPTED BY: _____
Contractor

Date

RECOMMENDED BY: _____
City Engineer

Date

APPROVED BY: _____
City Manager

Date

NOTE: Work performed under this change order prior to Boulder City's concurrence is at owners risk. Boulder City concurrence will be evidenced by signature of the City Manager.

PROJECT NO. 89-0266-DR

CONTRACT NO.

CHANGE ORDER NO.

2

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: Changes in field conditions for rock excavation and number of utilities affected by project.

2. Is proposed change an alternate bid?

YES NO

3. Will proposed change alter the size of the project?
If Yes, explain.

YES NO

4. Effect of this change on other prime contractors:

5. Has consent of surety been obtained?

YES NOT NECESSARY


6. Will this change affect expiration or extent of insurance coverage?

YES NO

If Yes, will the policies be extended?

YES NO

7. Effect on operation and maintenance costs: None.



Phillip T. Henry, P.E. CITY ENGINEER

7/14/92

DATE

cc: Files (Original)
Contractor (2)
City Manager
Accounting

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

WASHINGTON AVENUE SYSTEM, SANDHILL ROAD OUTFALL -
CONTRACT MODIFICATION #1 (LAS.09.C.91)

RECOMMENDATION SUMMARY

STAFF: Approve.

TECHNICAL COMMITTEE: Approve.

CITIZENS COMMITTEE: Approve.

**RFCD AGENDA
ITEM # 15
Date: 8/13/92**

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:

**CONTRACT MODIFICATION: WASHINGTON AVENUE CONVEYANCE SYSTEM - SANDHILL ROAD
OUTFALL STRUCTURE**

PETITIONER:

CITY OF LAS VEGAS

RECOMMENDATION OF PETITIONER:

**THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE CONTRACT
MODIFICATION NO. 1 FOR REVISIONS IN CONSTRUCTION COSTS FOR THIS PROJECT.**

FISCAL IMPACT:

ORIGINAL CONTRACT AMOUNT	\$1,419,099.00
CONTRACT MODIFICATION NO. 1	<u>(30,976.15)</u>
TOTAL	\$1,388,122.85

BACKGROUND:

The Interlocal Agreement for construction of the adjoining project (Sandhill Road to Virgil Street) has been approved by the Regional Flood Control District. Based on this approval the City of Las Vegas has eliminated the inlet structure and associated work items on the Sandhill Road Outfall Structure. By eliminating the costs to build the inlet structure on this project and the costs to remove the inlet structure on the next project, the total savings in project costs for the two projects will be over \$150,000.

The Contractor encountered saturated soil conditions in the bottom of the trench for the triple 12' X 8' Reinforced Concrete Box Culvert. To stabilize the soil, the Contractor had to over-excavate the saturated soil and replace it with drain rock. Extra cost to the Contractor to do this work is \$61,891.85. Estimated savings by eliminating the inlet structure and the relocation of the 42" sewer and associated costs of other bid items are \$92,868.00. The net reduction in project costs is \$30,976.15.

Respectfully submitted,


Richard D. Goecke, Director
Department of Public Works

TAC AGENDA ITEM# 22 Date: 7/30/92

RFCD AGENDA ITEM# 15 Date: 8/13/92
--

CAC AGENDA ITEM # 20 Date: 8/3/92

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 7/21/92

WASHINGTON AVENUE SYSTEM, SANDHILL ROAD OUTFALL - CONTRACT MODIFICATION #1 (LAS.09.C.91)

The City of Las Vegas has negotiated a contract modification for the Washington Avenue System, Sandhill Road Outfall project. The contract modification includes extra costs incurred due to saturated soil conditions encountered and a reduction in costs for the deletion of the temporary inlet structure. The temporary inlet structure will not be required when the segment from Sandhill Road to Virgil Street is built. The construction of the segment of the Washington Avenue project from Sandhill Road to Virgil Street was conditioned upon BLM's acceptance of the Section 14 analysis of the Oakey Detention Basin project. Staff expects that BLM will accept the Section 14 analysis so that the temporary inlet structure will not be required. If, for some reason, BLM does not accept the Section 14 analysis, the temporary inlet structure would need to be installed under a separate contract. The net decrease to the construction contract for Contract Modification #1 is \$30,976.15.

Staff Recommendation:

Approve.

Discussion By Technical Advisory Committee

AGENDA
22 Date: 7/30/92

Recommendation:

Approve.

Discussion By Citizens Advisory Committee

AGENDA
20 Date: 8/3/92

Recommendation:

Approve.

CONTRACT MODIFICATION AND SINGLE/SOLE SOURCE COMMITTEE

Meeting Date -

CONTRACT MODIFICATION

SINGLE/SOLE SOURCE

DEPARTMENT/PRESENTER: PUBLIC WORKS/Engineering Design

PROJECT NAME: WASHINGTON AVENUE CONVEYANCE SYSTEM
Sandhill Road Outfall Structure

MODIFICATION #: 1
DOLLAR AMOUNT: (\$30,976.

BID #: 92.1730.18 ORIG. CONTRACT AMT: \$1,419,099.00 CONTINGENCY AMT: -
P.O. #: 58738

DESCRIPTION:

Per the attached memo, over-excavation and drain rock were required due to saturated soil conditions encountered during excavation for the triple 12' x 8' Reinforced Concrete Box Culvert. Several bid items have been partially deleted due to design changes in the 42" sewer relocation bid item and the inlet structure bid item.

COMMITTEE'S DISPOSITION:

TOTAL NO. OF MODS. (Including this one): 1 REQUESTED TIME EXTENSIONS: 20

COST OF MODIFICATIONS (Including this one): (\$30,976.15)

COMMITTEE ACTION:

Approved:

Disapproved:

Signed:

Larry K. Barton, Chairman

CITY MANAGER'S ACTION:

Approved:

Disapproved:

COUNCIL ACTION/DATE:

DISTRIBUTION:

Presenter
Committee Members

CITY OF LAS VEGAS
Las Vegas, Nevada
CONTRACT MODIFICATION

Purchase Order No. 58738

Supplement No. 1

Old No. 92.1730.18

Modification No. 1

Date: June 24, 1992

Name and Address of Contractor: J. A. Tiberti Construction Co., Inc.
P.O. Box 15260
Las Vegas, NV 89114-0260

Contract Description: WASHINGTON AVENUE CONVEYANCE SYSTEM
Sandhill Road Outfall Structure

Description and Reason for Modification:

Per the attached memo, over-excavation and drain rock were required due to saturated soil conditions encountered during excavation for the triple 12' x 8' Reinforced Concrete Box Culvert. Several bid items have been partially deleted due to design changes in the 42" sewer relocation bid item and the inlet structure bid item.

Price of this Modification (written): Dollars \$ (30,976.15)

Credit of Thirty Thousand Nine Hundred Seventy-Six Dollars and fifteen cents.

Total Time Extension for this Modification: Twenty (20) calendar days Days

Total days over contract time. Twenty (20) " " Days

Contract Completion Date (including this Modification): August 9, 1992

Price of Original Contract \$ 1,419,099.00

Price of Contract In Including Previous Modifications \$ 1,419,099.00

Price of Contract Including This Modification \$ 1,388,122.85

1. ALL OTHER TERMS, CONDITIONS AND SPECIFICATIONS OF THIS CONTRACT, INCLUDING PREVIOUS MODIFICATIONS REMAIN THE SAME.

The City of Las Vegas and the Contractor named above do mutually agree to this contract modification in strict accordance with the terms stated above. In witness whereof, the parties hereto have executed this modification as of the date of this modification.

APPROVED:

(NAME OF CONTRACTOR)

MAYOR

BY _____ (DATE)

(SIGNATURE)

(TITLE)

(DATE)

(APPROVED BY)

CITY MANAGER

ATTEST:

CITY CLERK

CHIEF, PURCHASING AND CONTRACTS DIVISION

CITY OF LAS VEGAS

INTER - OFFICE MEMORANDUM

Date:

June 24, 1992

TO:

MICHAEL GLUSKIN
CONSTRUCTION SERVICES

FROM:

Joe L. Christensen
JOE L. CHRISTENSEN, P.E.
PROJECT MANAGER
ENGINEERING DESIGN

SUBJECT:

WASHINGTON AVE. CHANNEL
SANDHILL OUTFALL STRUCTURE
CONTRACT MOD JUSTIFICATION

COPIES TO:

BRIAN P. WALSH, P.E.

The following is the justification for the quantity extensions on this project.

The following estimated over-excavation and drain rock items were required, due to saturated soil conditions, to firm up the bottom of the trench for placement of the triple 12'x 8' RCB.

ITEM	QUANTITY	U.P.	Total
Over Excavation			
1.75'x 42.75'x 1161'/27	3216.94 C.Y.	15.00	48,254.10
Drain Rock			
2.0'x 42.75x 1161'/27	3676.50 C.Y.	10.00	<u>36,765.00</u>
		sub-total	= 85,019.10
Credit Type II Aggregate Base			
3"x 42.75'x 1161'/27	459.56 C.Y.	15.60	(7,169.14)
Credit Scarify and compact			
42.75'x 1161'/ 9	5,514.75 S.Y.	1.32	<u>(7,279.47)</u>
		sub-total	= (14,448.61)

Total estimated cost as calculated by the CLV for over-excavation and drain rock \$ 70,570.49

Actual costs as submitted by J.A. Tiberti for over-excavation and drain rock (use this amount for Contract Modification costs) \$ 61,891.85

X
WASHINGTON AVE. CHANNEL
SANDHILL OUTFALL STRUCTURE
CONTRACT MOD JUSTIFICATION
PAGE TWO

J.A. Tiberti has also submitted the estimated savings on those bid items that have been partially or completely deleted. The actual costs will not be known until the project is constructed and these items are measured in the field.

The following estimated costs that J.A. Tiberti has submitted will be used in this contract modification (see attached letter):

TOTAL ADDITIONAL COST OF BID ITEM 502.03 (Over-exc. and drain rock)	\$61,891.85
CREDIT FOR BID ITEM 202.04 (Remove Sewer Pipe(42"))	(7,500.00)
CREDIT FOR BID ITEM 613.02 (Special Curb)	(2,205.00)
CREDIT FOR BID ITEM 618.01 (Galvanized Guardrail)	(7,200.00)
CREDIT FOR BID ITEM 630.02 (Relocate 42" Sewer)	(34,940.00)
CREDIT FOR BID ITEM 502.01 (Inlet Structure)	(41,023.00)
TOTAL AMOUNT OF CONTRACT MODIFICATION = (\$30,976.15)	

Attachment

JLC/kt

B:\CONTRMOD1.MEA

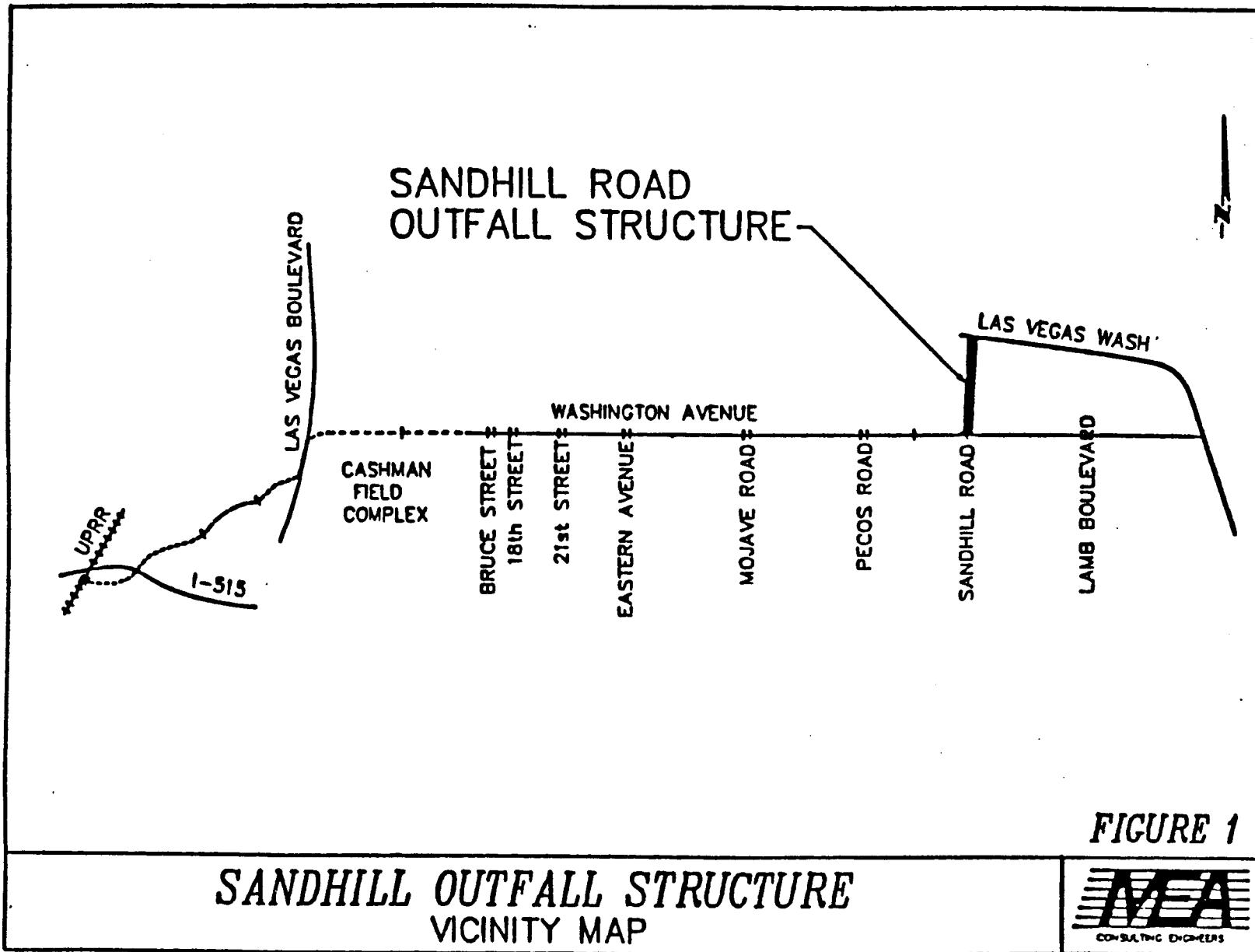


FIGURE 1

**SANDHILL OUTFALL STRUCTURE
VICINITY MAP**



CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

AMENDMENT TO NRS 543.360 - BILL DRAFT REQUEST

RECOMMENDATION SUMMARY

STAFF: Authorize the General Manager to submit a Bill Draft Request.

TECHNICAL COMMITTEE: Follow staff recommendation.
Vote was 4 Ayes, 2 Nays, 2 Abstentions

CITIZENS COMMITTEE: Follow staff recommendation.

**RFCD AGENDA
ITEM # 16
Date: 8/13/92**

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

AMENDMENT TO NRS 543.360 - BILL DRAFT REQUEST

PETITIONER:

MICHAEL R. HARRIS, CHAIRMAN, BOARD OF DIRECTORS

RECOMMENDATION OF PETITIONER:

THAT THE BOARD CONSIDER THE PROPOSED LANGUAGE AND AUTHORIZE THE GENERAL MANAGER TO SUBMIT A BILL DRAFT REQUEST

FISCAL IMPACT:

None.

BACKGROUND:

At the July 9, 1992 Board meeting, Chairman Harris directed staff to prepare bill draft language for the Board's consideration regarding the manner in which projects or improvements are approved for acquisition, construction and operation. The following is submitted:

Section 1. NRS 543.360 is hereby amended to read as follows:

543.360 Acquisition, construction and operation of projects and improvements; conservation of water. The board may:

1. By the affirmative vote of two-thirds of its members, acquire, construct, improve, extend, maintain and operate:

(a) Projects and improvements for the control of flood and storm waters of the district and the flood and storm waters of streams which have their sources outside of the district but flow into the district. Such a project or improvement must not be acquired unless it is included in the master plan.

(b) Projects which mitigate the adverse effect of the acquired projects.

(c) Projects which are required as a result of the proposed alteration or diversion of a natural watercourse identified in the master plan for the control of drainage.

CAC AGENDA ITEM # 3 Date: 8/3/92

TAC AGENDA ITEM # 5 Date: 7/30/92
--

RFCD AGENDA ITEM # 16 Date: 8/13/92
--

~~Unless unanimously approved by the board and the governing body of the local government in whose jurisdiction the project or improvement is located, a~~ A project or improvement which is not to be administered by the Board must not be acquired unless it is first approved by an agreement among the Board and each county ~~and all the cities all or part of whose territory is included in the hydrographic area which specifically identifies it, or city which is administering the project or in which all or any part of the project is located.~~ The agreement must contain an estimate of ~~its cost,~~ the cost of the project and shows its relation to the master plan.


2. Conserve such waters for beneficial and useful purposes by spreading, storing, retaining and causing them to percolate into the soil within or without the district.

3. Save and conserve in any manner all or any of such waters and protect from floods or storm waters the watercourses, watersheds, public highways, life and property in the district.

4. Prevent waste of the water or diminution of the water supply in, or the exportation of water from, the district.

5. Obtain, retain and reclaim drainage, storm, flood and other waters for beneficial use of the district.

Respectfully submitted,


Michael R. Harris
Chairman, Board of Directors

CAC AGENDA ITEM # 3 Date: 8/3/92
--

TAC AGENDA ITEM # 5 Date: 7/30/92

RFCD AGENDA ITEM # 16 Date: 8/13/92

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 8/5/92

AMENDMENT TO NRS 543.360 - BILL DRAFT REQUEST

At the request of the Chairman, staff has prepared language for a Bill Draft Request which proposes to change the manner in which projects are approved for acquisition, construction and operation.

Staff Recommendation:

Authorize the General Manager to submit a Bill Draft Request.

Discussion By Technical Advisory Committee

**AGENDA
5 Date: 7/30/92**

The Technical Advisory Committee took action to approve the language as proposed. The vote was:

- 4 Ayes (Manning, Calhoun, Serfas, Goecke)
- 2 Nays (Holler, Kajkowski)
- 2 Abstentions (Henry, Hardy)

Recommendation:

Approve.

Discussion By Citizens Advisory Committee

**AGENDA
3 Date: 8/3/92**

Recommendation:

Approve.

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

REVISION OF SECTION 34.030(c) OF THE UNIFORM REGULATIONS FOR THE
CONTROL OF DRAINAGE

RECOMMENDATION SUMMARY

STAFF: Approve.

TECHNICAL COMMITTEE: Approve.

CITIZENS COMMITTEE: Approve

**RFCD AGENDA
ITEM # 17
Date: 8/13/92**

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

REVISION OF SECTION 34.030(c) OF THE UNIFORM REGULATIONS FOR THE CONTROL OF DRAINAGE

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

THAT THE BOARD APPROVE THE PROPOSED REVISIONS

FISCAL IMPACT:

None.

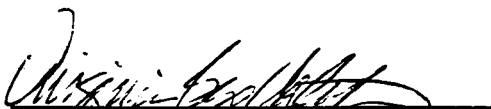
BACKGROUND:

Section 34.030 of the Uniform Regulations for the Control of Drainage requires plans and specifications to be of "sufficient clarity to indicate the nature and extent of the work proposed." A minor change in the language of 34.030(c) will allow professional engineers some discretion on how best to achieve clarity of design. The proposed changes are shown in *bold italics*.

(c) Show limiting dimensions, and *sufficient* elevations and/or finished contours to be achieved by the proposed grading.

A copy of Section 34.030, as it presently exists, is included in the backup.

Respectfully submitted,



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

CAC AGENDA
ITEM # 4
Date: 8/3/92

TAC AGENDA
ITEM # 6
Date: 7/30/92

RFCD AGENDA
ITEM # 17
Date: 8/13/92

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 8/3/92

REVISION OF SECTION 34.030(c) OF THE UNIFORM REGULATIONS FOR THE CONTROL OF DRAINAGE

See agenda item.

Staff Recommendation:

Approve.

Discussion By Technical Advisory Committee

AGENDA
6 Date: 7/30/92

Recommendation:

Approve.

Discussion By Citizens Advisory Committee

AGENDA
4 Date: 8/3/92

Recommendation:

Approve.

- (C) Indicate the intended use for which the site is being prepared.
- (D) Give proposed location of deposit area and name and address of person which will receive excavated material and evidence that the property owner is willing to receive the material (if off-site).
- (E) Be accompanied by plans and specifications as required in Section 34.045.
- (F) State the estimated quantities of earthwork involved, excavation and fill.
- (G) Be signed by the permittee or his/her authorized agent, who may be required to submit evidence to indicate such authority.
- (H) Give such other information as required in Section 34.045.
- (I) A soils engineering report shall be required unless waived by the Designated Official.

34.030 Plans and Specifications: The Local Administrator may require that plans and specifications be prepared by a professional licensed to practice in the State of Nevada in accordance with Nevada Revised Statutes, Chapter 625. Each application for a grading permit shall be accompanied by two sets of plans and specifications. The plans shall be drawn to scale upon mylar or good quality, reproducible paper and shall be of sufficient clarity to indicate the nature and extent of the work proposed and shown in detail that they will conform to the provisions of this Chapter and all relevant laws, ordinances, rules and regulations.

The Local Administrator, or his designee, shall endorse in writing or stamp the plans and specifications "APPROVED". Such approved plans and specifications shall not be changed, modified or altered without authorization from the Designated Official and all work shall be performed in accordance with the approved plans. The first sheet of each set of plans shall give the location of the work and the name and address of the owner or developer and persons by whom the plans and specifications were prepared.

The plans and specifications shall show, but need not be limited to, the following information.

- (A) A general vicinity map of the proposed site.
- (B) Show property limits and accurate contours of the existing ground and details of the terrain referenced to a point approved by the Local Administrator. Whenever possible, elevations shall be in accordance with the established U.S. Coastal and Geodetic Survey, and the National Geodetic Vertical Datum (NGVD) of 1929. Accurate contours beyond the property limits shall be displayed when appropriate to depict impacted topography and drainage impacts.

- (C) Show limiting dimensions, elevations and finished contours to be achieved by the proposed grading.
- (D) Show locations of all existing or proposed buildings, structures, fences, block walls and retaining walls on the property where the work is to be performed and the location of any buildings, structures, fences, block walls and retaining walls on land of adjacent owners which may be affected by or affect the proposed grading operation or site drainage.
- (E) Show locations and dimensions of all easements.
- (F) Show impacted utilities.
- (G) Delineate drainage which will impact, or be impacted by, the proposed grading.
- (H) Identify all existing and proposed surface and subsurface drainage devices, walls, channels and other protective measures to be constructed with, or part of, the proposed work.

The soils engineer shall review the final plans and specifications of the project and attest to, in writing, the soils reports applicability to the proposed project. The written information provided by the soils engineer shall be submitted for acceptance to the Designated Official, or his designee.

34.040 Additional Information Required: The Designated Official may require additional information such as an engineering geology report, or a drainage study. These studies and reports shall be approved by the Designated Official prior to the issuance of a grading permit. When specified by the soils investigation report, the Designated Official shall require a groundwater study.

34.045 Report Content: Plans, computations and specifications shall be prepared by a professional licensed to practice by the State of Nevada in accordance with NRS 625. The soils investigation report, groundwater study, and engineering geology report shall contain, but not be limited to, the following information.

(A) Plan Content:

- (1) A general vicinity map of the proposed site.
- (2) Show site limits and approximate contours. Whenever possible, elevations shall be in accordance with the established U.S. Coastal and Geodetic Survey, and the National Geodetic Vertical Datum (NGVD) of 1929.
- (3) Location of explorations and field test locations.
- (4) Depth to groundwater if less than 15 feet that may affect the proposed development.

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

AMENDMENT TO SECTION 6.1(f) OF THE POLICIES AND PROCEDURES
MANUAL

RECOMMENDATION SUMMARY

STAFF: Approve.

TECHNICAL COMMITTEE: Approve.

CITIZENS COMMITTEE: Approve.

**RFCD AGENDA
ITEM # 18
Date: 8/13/92**

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

AMENDMENT TO SECTION 6.1(f) OF THE POLICIES AND PROCEDURES
MANUAL

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

THAT THE BOARD APPROVE THE PROPOSED LANGUAGE

FISCAL IMPACT:

None.

BACKGROUND:


At the July 9, 1992 meeting, the Board requested staff to prepare language to amend that portion of the District's Policies and Procedures Manual relating to Section 6.1(f) - Landscaping and Aesthetic Enhancement of Projects. The following is submitted and will become effective upon approval by the Board.

Page 19, Section 6.1(f) Landscaping and Aesthetic Enhancement of Projects:

Costs for landscaping and aesthetic enhancement will be allowed when specifically covered by Interlocal Contract. *The amount of District funding and scope of such enhancements shall be established by the Board at the time the project is presented. Funding from the District shall be limited to the amount established by the Board. This amount, and the proposed scope of the work, must be specifically identified in the Interlocal Contact.*

In the event that bids for the proposed work are less than the amount authorized by the Board, no more than the bid amount may be expended. If bids for the proposed work are higher than the amount specified in the Interlocal Contract, the entity may request that the Board increase the amount of funding authorized for the proposed work.

Respectfully submitted,


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

CAC AGENDA
ITEM # 5
Date: 8/3/92

TAC AGENDA
ITEM # 7
Date: 7/30/92

RFCD AGENDA
ITEM # 18
Date: 8/13/92

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 8/3/92

AMENDMENT TO SECTION 6.1(f) OF THE POLICIES AND PROCEDURES MANUAL

See agenda item.

Staff Recommendation:

Approve.

Discussion By Technical Advisory Committee

**AGENDA
7 Date: 7/30/92**

Recommendation:

Approve.

Discussion By Citizens Advisory Committee

**AGENDA
5 Date: 8/3/92**

Recommendation:

Approve.

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

MAINTENANCE WORK PROGRAM - 4TH QUARTER STATUS REPORTS

RECOMMENDATION SUMMARY

STAFF: Accept the reports.

TECHNICAL COMMITTEE: Accept the reports.

CITIZENS COMMITTEE: Accept the reports.

**RFCD AGENDA
ITEM # 19
Date: 8/13/92**

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

MAINTENANCE WORK PROGRAM - 4TH QUARTER STATUS REPORTS

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

THAT THE BOARD ACCEPT THE MAINTENANCE WORK PROGRAM -
4TH QUARTER STATUS REPORTS AS SUBMITTED BY THE ENTITIES

FISCAL IMPACT:

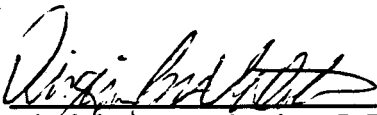
None.

BACKGROUND:

In accordance with the Board's direction, the entities have submitted the final Quarter reports for the FY 1991-92 Maintenance Work Program (MWP). The reports indicate the status of work completed under the 1991/92 program and give a brief description of the work being carried over to the new FY 1992/93 program.

Staff is currently working with each entity to close out the FY 1991/92 program and to make final payment for closing the projects. The Scope of Work which was not committed to during FY 1991/92 was carried over to the next year. Interlocal contracts have already been approved by the Board for FY 1992/93. Payments toward these new projects will be reflected in the monthly financial reports.

Respectfully submitted,


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

CAC AGENDA
ITEM # 6
Date: 8/3/92

TAC AGENDA
ITEM # 8
Date: 7/30/92

RFCD AGENDA
ITEM # 19
Date: 8/13/92

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 7/23/92

MAINTENANCE WORK PROGRAM - 4TH QUARTER STATUS REPORTS

The Maintenance Work Program 4th Quarter reports for FY 1991/92 are submitted for review and acceptance.

Staff Recommendation:

Accept the reports.

Discussion By Technical Advisory Committee

AGENDA
8 Date: 7/30/92

Recommendation:

Accept the reports.

Discussion By Citizens Advisory Committee

AGENDA
6 Date: 8/3/92

Recommendation:

Accept the reports.

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: CLARK COUNTY 1991-92

DATE PREPARED: 7/20/92

PROJECT: FLAMINGO WASH

M 92201A

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
F	Vegetation Control	\$24,200		19%	92-93 Program
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
F	Miscellaneous Work Activities	\$1,800		100%	6/92

DELAYS OR PROBLEM AREAS: TOTAL \$26,000

VEGETATION CONTROL MEASURES ARE SEASONAL. SECOND APPLICATION TO BE COMPLETED DURING 1992-93 PROGRAM.

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

WORK PROGRAM MODIFIED AFTER SIX MONTHS TO FISCAL YEAR PROGRAM. REMAINING WORK TO BE COMPLETED DURING 1992-93 WORK PROGRAM.

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: John Muddoch

PHONE NUMBER: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: CLARK COUNTY 1991-92

DATE PREPARED: 7/20/92

PROJECT: LAS VEGAS WASH

M 92201 B

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
F/C	Clear and Reshape Channels	\$296,000		5%	92-93 PROGRAM
F	Vegetation Control	16,600		42%	92-93 PROGRAM
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
F	Miscellaneous Work Activities	400		100%	6/92

DELAYS OR PROBLEM AREAS: TOTAL \$313,000

VEGETATION CONTROL MEASURES ARE SEASONAL. SECOND APPLICATION TO BE COMPLETED DURING 1992-93 PROGRAM.

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

WORK PROGRAM MODIFIED AFTER SIX MONTHS TO FISCAL YEAR PROGRAM. CLEAN AND RESHAPE CHANNELS CONTRACT WORK ANTICIPATED TO BE AWARDED DURING 1992-93 WORK PROGRAM.

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: John Murdock

PHONE NUMBER: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: CLARK COUNTY 1991-92

DATE PREPARED: 7/20/92

PROJECT: DUCK CREEK

M 92201 C

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
F	Vegetation Control	\$12,500		8%	92-93 PROGRAM
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: TOTAL

VEGETATION CONTROL MEASURES ARE SEASONAL. SECOND APPLICATION TO BE COMPLETED DURING 1992-93 PROGRAM.

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

WORK PROGRAM MODIFIED AFTER SIX MONTHS TO FISCAL YEAR PROGRAM. REMAINING WORK TO BE COMPLETED DURING 1992-93 WORK PROGRAM.

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: John Murdoch PHONE NUMBER: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: CLARK COUNTY 1991-92

DATE PREPARED: 7/20/92

PROJECT: SLOAN CHANNEL

M 92201 D

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
F	Vegetation Control	\$14,500		37%	92-93 PROGRAM
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
F	Miscellaneous Work Activities	7,000		100%	6/92

DELAYS OR PROBLEM AREAS: TOTAL \$21,500

VEGETATION CONTROL MEASURES ARE SEASONAL. SECOND APPLICATION TO BE COMPLETED DURING 1992-93 PROGRAM.

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

WORK PROGRAM MODIFIED AFTER SIX MONTHS TO FISCAL YEAR PROGRAM. REMAINING WORK TO BE COMPLETED DURING 1992-93 WORK PROGRAM.

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: John Murdoch

PHONE NUMBER: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: CLARK COUNTY 1991-92

DATE PREPARED: 7/20/92

PROJECT: LAS VEGAS RANGE WASH

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
	Vegetation Control				
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
F	Miscellaneous Work Activities	\$2,500.00		100%	6/92

DELAYS OR PROBLEM AREAS: TOTAL \$2,500.00

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: John Murdoch

PHONE NUMBER: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: CLARK COUNTY 1991-92

DATE PREPARED: 7/20/92

PROJECT: AIRPORT CHANNEL

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
F	Vegetation Control	\$1,200.00		100%	6/92
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: TOTAL \$1,200.00

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: John Murdoch

PHONE NUMBER: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: CLARK COUNTY 1991-92

DATE PREPARED: 7/20/92

PROJECT: MONSON CHANNEL

M 92201 H

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
F	Vegetation Control	\$3,600.00		100%	6/92
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: TOTAL \$3,600.00

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: John Murdoch

PHONE NUMBER: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: CLARK COUNTY 1991-92

DATE PREPARED: 7/20/92

PROJECT: RAWHIDE CHANNEL

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
F	Vegetation Control	\$1,500.00		31%	92-93 PROGRAM
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
F	Miscellaneous Work Activities	\$1,800.00		100%	6/92

DELAYS OR PROBLEM AREAS: TOTAL \$3,300.00

VEGETATION CONTROL MEASURES ARE SEASONAL. SECOND APPLICATION TO BE COMPLETED DURING 1992-93 PROGRAM.

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

WORK PROGRAM MODIFIED AFTER SIX MONTHS TO FISCAL YEAR PROGRAM. REMAINING WORK TO BE COMPLETED DURING 1992-93 WORK PROGRAM.

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: *John Muroch*

PHONE NUMBER: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: CLARK COUNTY 1991-92

DATE PREPARED: 7/20/92

PROJECT: VAN BUSKIRK CHANNEL

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
F	Vegetation Control	\$50.00		50%	92-93 PROGRAM
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: TOTAL \$50.00

VEGETATION CONTROL MEASURES ARE SEASONAL. SECOND APPLICATION TO BE COMPLETED DURING 1992-93 PROGRAM.

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

WORK PROGRAM MODIFIED AFTER SIX MONTHS TO FISCAL YEAR PROGRAM. REMAINING WORK TO BE COMPLETED DURING 1992-93 WORK PROGRAM.

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: John Musdeck

PHONE NUMBER: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: CLARK COUNTY 1991-92

DATE PREPARED: 7/20/92

PROJECT: NORTH FORK FLAMINGO WASH

M 92201 K

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
F/C	Clear and Reshape Channels	\$1,500.00		0%	9/92
	Vegetation Control				
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: TOTAL \$1,500.00

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

WORK PROGRAM MODIFIED AFTER SIX MONTHS TO FISCAL YEAR PROGRAM. CLEAN AND RESHAPE CHANNELS CONTRACT WORK ANTICIPATED TO BE AWARDED DURING 1992-93 WORK PROGRAM.

CONSULTANT/CONTRACTOR:

PROJECT MANAGER:

John Murdoch

PHONE NUMBER: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: CLARK COUNTY 1991-92

DATE PREPARED: 7/20/92

PROJECT: DETENTION BASINS

M 92201 Q

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
	Vegetation Control				
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
F	Miscellaneous Work Activities	\$350.00		75%	6/92

DELAYS OR PROBLEM AREAS: TOTAL \$350.00

GRAFFITI REMOVAL INTERRUPTED BY FIREARM ENTHUSIASTS. WORK TO BE COMPLETED DURING 1992-93 WORK PROGRAM.

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR:

PROJECT MANAGER:

John Mardock

PHONE NUMBER: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: CLARK COUNTY 1991-92

DATE PREPARED: 7/20/92

PROJECT: LAUGHLIN, BRIDGE CANYON STORM DRAIN

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
	Vegetation Control				
	Repair Lined channels				
	Clean/Flush Culverts				
F/C	Clean Storm Sewer Lines	\$60,000.00		0%	9/92
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: TOTAL \$60,000.00

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

WORK PROGRAM MODIFIED AFTER SIX MONTHS TO FISCAL YEAR PROGRAM. CLEAN STORM SEWER LINES WILL BE COMPLETED DURING 1992-93 WORK PROGRAM.

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: John Murdoch

PHONE NUMBER: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: CLARK COUNTY 1991-92

DATE PREPARED: 7/20/92

PROJECT: OVERTON TOWN WASH

M 92201 T

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
F	Clear and Reshape Channels	\$ 3,125		100%	6/92
	Vegetation Control				
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
F	Erosion Repair	16,875		100%	6/92
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: TOTAL \$20,000

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: *John Murdoch*

PHONE NUMBER: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: CLARK COUNTY 1991-92

DATE PREPARED: 7/20/92

PROJECT: TROPICANA AVENUE CHANNEL

M 92201 V

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
F	Vegetation Control	\$1,000		60%	92/93 PROGRAM
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: TOTAL \$1,000.00

VEGETATION CONTROL MEASURES ARE SEASONAL. SECOND APPLICATION TO BE COMPLETED DURING 1992-93 PROGRAM.

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

WORK PROGRAM MODIFIED AFTER SIX MONTHS TO FISCAL YEAR PROGRAM. REMAINING WORK TO BE COMPLETED DURING 1992-93 WORK PROGRAM.

CONSULTANT/CONTRACTOR:

PROJECT MANAGER:

John Murdoch

PHONE NUMBER: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: CLARK COUNTY 1991-92

DATE PREPARED: 7/20/92

PROJECT: RFCD MAINTENANCE PROGRAM

M 92201 M

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
	Vegetation Control				
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
F	Maintain Access Road Supervision/Inspection	\$45,000		0%	9/92
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: TOTAL \$45,000

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

WORK PROGRAM MODIFIED AFTER SIX MONTHS TO FISCAL YEAR PROGRAM. CONTRACT WORK TO BE COMPLETED DURING 1992-93 WORK PROGRAM.

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: *John Murdoch* PHONE NUMBER: 455-7540

REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT

ENTITY: City of Boulder City

DATE PREPARED: 7/14/92

PROJECT: 1992 Annual Maintenance Program (Hemenway Channel-Ville Drive)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
F	Clean and Inspect Inlet/Outlet Structures	\$100	\$100	100	4/1/92
F	Inspect Channels	100	\$100	100	4/1/92
F	Clear and Reshape Channels	500	\$2,500	100	7/1/92
F	Vegetation Control				
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
F	Clean and Inspect Detention Basins	200	\$200	100	7/1/92
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
F	Miscellaneous Work Activities	100	\$100	100	7/1/92
	Cost	\$1,000.00	\$3,000		

DELAYS OR PROBLEM AREAS:

Extra funding from Hemenway Channel Pacifica Way section.

WORK TO BE COMPLETED DURING CURRENT QUARTER:

Debris removal and channel grading complete. Vegetation was not a problem.

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR:

PROJECT MANAGER: Phillip T. Henry

PHONE NUMBER: 293-9200

REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT

ENTITY: City of Boulder City

DATE PREPARED: 7/14/92

PROJECT: 1992 Annual Maintenance Program (Hemenway Channel-Pacific Way)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
F	Clean and Inspect Inlet/Outlet Structures	\$100	\$100	100	4/1/92
F	Inspect Channels	100	\$100	100	4/1/92
F	Clear and Reshape Channels	1,000	\$0		
	Vegetation Control				
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
F	Erosion Repair	1,000	\$0		
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
F	Miscellaneous Work Activities	800	\$800	100	7/1/92
	Cost	\$3,000.00	\$1,000		

DELAYS OR PROBLEM AREAS:

Remaining money to be used on Hemenway Channel Ville Drive section.

WORK TO BE COMPLETED DURING CURRENT QUARTER:

Inspection and General Maintenance.

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: Phillip T. Henry

PHONE NUMBER: 293-9200

REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT

ENTITY: City of Boulder City DATE PREPARED: 7/20/92

PROJECT: 1992 Annual Maintenance Program (Hemenway Channel-Lake Mtn Dr)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
F	Clean and Inspect Inlet/Outlet Structure	100	\$100	100	4/1/92
F	Inspect Channels	100	\$100	100	4/1/92
	Clear and Reshape Channels				
	Vegetation Control				
G	Repair Lined channels	9,500	\$17,000	100	7/1/92
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
F	Miscellaneous Work Activities	300	\$800	100	7/1/92
	Cost	\$10,000.00	\$18,000		

DELAYS OR PROBLEM AREAS:

Project cost increase was approved by Regional Flood Control Dist.

WORK TO BE COMPLETED DURING CURRENT QUARTER:

Concrete channel & headwall repairs completed.

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR: Acme Underground.

PROJECT MANAGER: Phillip T. Henry PHONE NUMBER: 293-9200

REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT

ENTITY: City of Boulder City

DATE PREPARED: 7/20/92

PROJECT: 1992 Annual Maintenance Program (Airport Channel)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
F	Clean and Inspect Inlet/Outlet Structure	\$100		100	4/1/92
F	Inspect Channels	100		100	4/1/92
F	Clear and Reshape Channels	800		100	4/1/92
	Vegetation Control				
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
F	Miscellaneous Work Activities	\$1,000.00		100	4/1/92
	Cost	\$2,000.00			

DELAYS OR PROBLEM AREAS:

WORK TO BE COMPLETED DURING CURRENT QUARTER:

Project complete.

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: Phillip T. Henry

PHONE NUMBER: 293-9200

REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT

ENTITY: City of Boulder City DATE PREPARED: 3/30/92

PROJECT: 1992 Annual Maintenance Program (Georgia Channel)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
F	Clean and Inspect Inlet/Outlet Structure	\$100	\$100	100	4/1/92
F	Inspect Channels	100	\$100	100	4/1/92
	Clear and Reshape Channels				
	Vegetation Control				
	Repair Lined channels				
F	Clean/Flush Culverts	1,000	\$0		
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
C	Erosion Repair	11,000.00	\$12,000	100	7/1/92
	Repair Inlet/Outflow Structures				
F	Fence Repair	500	\$0		
	Maintain Access Road				
F	Miscellaneous Work Activities	300	\$800	100	7/1/92
	Cost	\$13,000.00	\$13,000		

DELAYS OR PROBLEM AREAS:

WORK TO BE COMPLETED DURING CURRENT QUARTER:

Contract construction to install riprap, gabion basket & regrade channel section.

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR:

PROJECT MANAGER: Phillip T. Henry PHONE NUMBER: 293-9200

REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT

ENTITY: City of Boulder City

DATE PREPARED: 7/20/92

PROJECT: 1992 Annual Maintenance Program (Gingerwood)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
F	Clean and Inspect Inlet/Outlet Structure	\$50		100	4/1/92
F	Inspect Channels	100		100	4/1/92
F	Clear and Reshape Channels	1,000		100	4/1/92
	Vegetation Control				
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
F	Erosion Repair	600		100	7/1/92
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
F	Miscellaneous Work Activities	250		100	7/1/92
	Cost	\$2,000.00			

DELAYS OR PROBLEM AREAS:

WORK TO BE COMPLETED DURING CURRENT QUARTER:
Inspection and General Maintenance.

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR:

PROJECT MANAGER: Phillip T. Henry

PHONE NUMBER: 293-9200

REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT

ENTITY: City of Boulder City

DATE PREPARED: 7/20/92

PROJECT: 1992 Annual Maintenance Program (Cemetery Wash)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
F	Clean and Inspect Inlet/Outlet Structure	\$200	0		
F	Inspect Channels	100	0		
	Clear and Reshape Channels				
F	Vegetation Control	100	0		
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
C	Erosion Repair	3,500	0		
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
F	Miscellaneous Work Activities	100	0		
	Cost	\$4,000.00	0		

DELAYS OR PROBLEM AREAS:

Due to cost over runs on the Hemenway Channel, funding was shifted from this area. Work is scheduled for next fiscal year.

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR:

PROJECT MANAGER: Phillip T. Henry

PHONE NUMBER: 293-9200

REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT

ENTITY: City of Boulder City DATE PREPARED: 7/20/92

PROJECT: 1992 Annual Maintenance Program (Buchanan Channel)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
F	Clean and Inspect Inlet/Outlet Structure	\$700	\$100	100	4/1/92
F	Inspect Channels	100	\$100	100	4/1/92
	Clear and Reshape Channels				
	Vegetation Control				
C	Repair Lined channels	45,000.00	\$6,800	100	7/1/92
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
F	Miscellaneous Work Activities	4,200	\$0		
	Cost	\$50,000.00	\$7,000		

DELAYS OR PROBLEM AREAS:
Due to delays in the project design the funding for construction was postponed until FY 92/93.

WORK TO BE COMPLETED DURING CURRENT QUARTER:
Inspection and General Maintenance.
Design and Bid Documents.

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: Phillip T. Henry **PHONE NUMBER:** 293-9200

REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT

ENTITY: City of Boulder City

DATE PREPARED: 7/20/92

PROJECT: 1992 Annual Maintenance Program (Bootleg Canyon)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
F	Clean and Inspect Inlet/Outlet Structure	\$100	\$100	100	4/1/92
F	Inspect Channels	100	\$100	100	4/1/92
F	Clear and Reshape Channels	400	\$400	100	4/1/92
	Vegetation Control				
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
C	Erosion Repair	4,200.00	\$400	100	7/1/92
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
F	Miscellaneous Work Activities	200	\$0		
	Cost	\$5,000.00	\$1,000		

DELAYS OR PROBLEM AREAS:

Partial funding was shifted to Hemenway Channel Lake Mtn Drive section.

WORK TO BE COMPLETED DURING CURRENT QUARTER:

Inspection and General Maintenance.

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: Phillip T. Henry

PHONE NUMBER: 293-9200

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**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

JUL 24 1992

REGIONAL
FLOOD CONTROL DISTRICT

ENTITY: City of Henderson DATE PREPARED: 7/21/92

PROJECT: Duck Creek Channel (DCWA 0646-0763)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
FA	Inspect Channels	244	244	100	
	Clear and Reshape Channels				
Contract	Vegetation Control	465	202,315	30	9/01/92
FA	Repair Lined Channels	1844	0	0	
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
FA	Erosion Repair	1596	0	0	
	Repair Inlet/Outflow Structures				
FA	Fence Repair	705	30	0	
	Maintain Access Road				
Contract	Miscellaneous Work Activities	120,000	0	0	

DELAYS OR PROBLEM AREAS: Contractor performing repairs backed out of the job. City crews are performing repairs with limited resources.

WORK COMPLETED DURING CURRENT QUARTER: Access ramp replaced; work continuing on dewatering.

WORK TO BE COMPLETED DURING NEXT QUARTER: Continue dewatering and vegetation control.

CONSULTANT/CONTRACTOR: None

PROJECT MANAGER: Curt Chandler PHONE NUMBER: 565-2329

REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT

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JUL 21 1992

REGIONAL FLOOD CONTROL DISTRICT

ENTITY: City of Henderson DATE REPAIRED: 7/21/92

PROJECT: C-1 Channel (C1CH 0184-0635)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
FA	Inspect Channels	1038	1038	100	
FA	Clear and Reshape Channels	16,849	19,854	100	
	Vegetation Control				
	Repair Lined Channels		220,000		
FA	Clean/Flush Culverts	334	2228	100	
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
FA	Provide/Maintain Erosion Control	6348			
FA	Erosion Repair	3325	267,900	10	9/01/92
	Repair Inlet/Outflow Structures				
FA	Fence Repair	1071	14,090	100	
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: Major flooding occurred on this channel on March 30, 1992.

WORK COMPLETED DURING CURRENT QUARTER: Channel cleaned and reshaped, culverts at Horizon cleaned and erosion damage at Horizon repaired.

WORK TO BE COMPLETED DURING NEXT QUARTER: Contract to be completed for repairs at Lake Mead Drive.

CONSULTANT/CONTRACTOR: None

PROJECT MANAGER: Curt Chandler PHONE NUMBER: 565-2329

REGIONAL FLOOD CONTROL DISTRICT

3/31/92

MAINTENANCE WORK PROGRAM STATUS REPORT

REGIONAL FLOOD CONTROL DISTRICT

ENTITY: City of Henderson **DATE PREPARED:** 7/21/92

PROJECT: UPRR Channel (PTRW 0000-0131)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
FA	Inspect Channels	265	265	100	3/31/92
FA	Clear and Reshape Channels	5764	0	0	
Contract	Vegetation Control	1551	0	0	
	Repair Lined Channels				
FA	Clean/Flush Culverts	223	0	0	
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
FA	Fence Repair	1127	0	0	
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: Funds shifted to other channels.

WORK COMPLETED DURING CURRENT QUARTER: Work began on channel lining project.

WORK TO BE COMPLETED DURING NEXT QUARTER: None.

CONSULTANT/CONTRACTOR: None

PROJECT MANAGER: Curt Chandler **PHONE NUMBER:** 565-2329

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REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT

JUL 24 1992

REGIONAL
FLOOD CONTROL DISTRICT

ENTITY: City of Henderson DATE PREPARED: 7/21/92

PROJECT: Upper Pittman Channel (PTWA 0000-0411)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
FA	Inspect Channels	835	835	100	
FA	Clear and Reshape Channels	8954	8954	100	
Contract	Vegetation Control	1551	1551	100	
	Repair Lined Channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
FA	Erosion Repair	1596	68,340	0	8/01/92
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: March flooding caused major erosion damage. Contract for repair has been approved.

WORK COMPLETED DURING CURRENT QUARTER: Erosion repair designed and contract approved.

WORK TO BE COMPLETED DURING NEXT QUARTER: Repair erosion damage.

CONSULTANT/CONTRACTOR: None

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JUL 24 1992
FLOOD CONTROL DISTRICT

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: City of Henderson **DATE PREPARED:** 7/21/92

PROJECT: Lower Pittman Channel (PTDG 0014-0237)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
FA	Inspect Channels	448	448	100	
FA	Clear and Reshape Channels	443	0		
	Vegetation Control				
	Repair Lined Channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: Lined channel under construction between Sunset and the upstream end of this facility. Major flooding occurred on this channel 3/30/92. Reinspection showed no significant damage. Funds shifted to other channels.

WORK COMPLETED DURING CURRENT QUARTER: None.

WORK TO BE COMPLETED DURING NEXT QUARTER: None. Reshape channel between Stephanie and Russell Road.

CONSULTANT/CONTRACTOR: None

PROJECT MANAGER: Curt Chandler **PHONE NUMBER:** 565-2329

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: City of Henderson **DATE PREPARED:** 7/21/92

PROJECT: Gibson Channel (PTGB 0057-0208)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
FA	Inspect Channels	305	305	100	
FA	Clean and Reshape Channels	6651	0	0	
	Vegetation Control				
	Repair Lined Channels				
FA	Clean/Flush Culverts	223	0	0	
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: Funds shifted to other channels following March floods.

WORK COMPLETED DURING CURRENT QUARTER: None

WORK TO BE COMPLETED DURING NEXT QUARTER: None

CONSULTANT/CONTRACTOR: None

PROJECT MANAGER: Curt Chandler **PHONE NUMBER:** 565-2329

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: City of Henderson **DATE PREPARED:** 7/21/92

PROJECT: Van Wagenen Channel (PTVW 0237-0389)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
FA	Inspect Channels	305		100	
FA	Clear and Reshape Channels	6651		100	
	Vegetation Control				
	Repair Lined Channels				
FA	Clean/Flush Culverts	446		100	
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: Major flooding occurred on this channel on 3/30/92. No damage to channel was observed.

WORK COMPLETED DURING CURRENT QUARTER: None.

WORK TO BE COMPLETED DURING NEXT QUARTER: None.

CONSULTANT/CONTRACTOR: None

PROJECT MANAGER: Curt Chandler **PHONE NUMBER:** 565-2329

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REGIONAL FLOOD CONTROL DISTRICT

REGIONAL FLOOD CONTROL DISTRICT

MAINTENANCE WORK PROGRAM STATUS REPORT

ENTITY: City of Henderson DATE PREPARED: 7/21/92

PROJECT: Greenway Channel (CIGW 0000-0083)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
FA	Inspect Channels	163	163	100	
FA	Clear and Reshape Channels	887	0	0	
Contract	Vegetation Control	310	0	0	
FA	Repair Lined Channels	184	0	0	
FA	Clean/Flush Culverts	557	0	0	
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
FA	Provide/Maintain Erosion Control	1270	0	0	
FA	Erosion Repair	798	0	0	
	Repair Inlet/Outflow Structures				
FA	Fence Repair	423	0	0	
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: Major flooding on this channel 3/30/92. Reinspection showed no major damage. Funds moved to more critical areas.

WORK COMPLETED DURING CURRENT QUARTER: None.

WORK TO BE COMPLETED DURING NEXT QUARTER: None.

CONSULTANT/CONTRACTOR: None

PROJECT MANAGER: Curt Chandler PHONE NUMBER: 565-2329

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REGIONAL FLOOD CONTROL DISTRICT

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: City of Henderson **DATE PREPARED:** 7/21/92

PROJECT: Whitney Ranch Channel (WWDC 0000-0069)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
FA	Inspect Channels	143	143	100	
	Clear and Reshape Channels				
	Vegetation Control				
FA	Repair Lined Channels	184	0	0	
FA	Clean/Flush Culverts	223	0	0	
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
FA	Repair Inlet/Outflow Structures	75,380	37,690	100	
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: None

WORK COMPLETED DURING CURRENT QUARTER: Inspection completed along with the repair of the culvert, inlet, and outlet at Ridgeview Village.

WORK TO BE COMPLETED DURING NEXT QUARTER: Complete cleaning and flushing of culverts.

CONSULTANT/CONTRACTOR: None

PROJECT MANAGER: Curt Chandler **PHONE NUMBER:** 565-2329

REGIONAL FLOOD CONTROL DISTRICT

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MAINTENANCE WORK PROGRAM STATUS REPORT

REGIONAL
FLOOD CONTROL DISTRICT

ENTITY: City of Henderson DATE PREPARED: 7/21/92

PROJECT: Sandwedge Channel (PTSW 0000-0105)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
FA	Inspect Channels	224	224	100	
FA	Clear and Reshape Channels	4434	0	0	
	Vegetation Control				
FA	Repair Lined Channels	184	0	0	
FA	Clean/Flush Culverts	334	0	0	
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: Major flooding occurred on this channel 3/30/92. Reinspection showed no significant damage. Funds shifted to other channels.

WORK COMPLETED DURING CURRENT QUARTER: None.

WORK TO BE COMPLETED DURING NEXT QUARTER: None.

CONSULTANT/CONTRACTOR: None

PROJECT MANAGER: Curt Chandler PHONE NUMBER: 565-2329

REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 7/20/92

PROJECT: Maintenance No. 1 Las Vegas Wash, Charleston to Owens

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
Contract	Clear and Reshape Channels	\$248,000		4% *	6/93
	Vegetation Control				
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: TOTAL \$248,000
CLV rolled this money over into Fiscal Year 92/93 Maintenance Agreement. This will result in better unit costs due to the larger project and will allow the maintenance program to coincide with the Fiscal Year.

WORK COMPLETED DURING CURRENT QUARTER:
4% of entire project is complete. Design 30% complete (Stewart to Owens).

WORK TO BE COMPLETED DURING NEXT QUARTER:
Complete design and bid project.

CONSULTANT/CONTRACTOR: N/A

PROJECT MANAGER: Ed Nettenstrom, P.E. PHONE NUMBER: 229-6227

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: City of Las Vegas

DATE PREPARED: 7/20/92

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

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
FA	Vegetation Control	\$6000		100% *	
	Repair Lined channels				
FA	Clean/Flush Culverts	\$10,000		100% *	
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
FA	Erosion Repair	\$25,000		100% *	
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: TOTAL \$41,000

* This closes the fiscal year. Maintenance was performed after each rainfall. Typically these activities are storm related.

WORK COMPLETED DURING CURRENT QUARTER:

Sprayed for vegetation control and some erosion repair.

WORK TO BE COMPLETED DURING NEXT QUARTER:

Invoice pending for approximately \$5000.

CONSULTANT/CONTRACTOR: N/A

PROJECT MANAGER: Larry Haugsness PHONE NUMBER: 229-6224

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: City of Las Vegas

DATE PREPARED: 7/20/92

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

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
FA	Clean and Inspect Inlet/Outlet Structures	\$3000		100% *	
	Inspect Channels				
	Clear and Reshape Channels				
	Vegetation Control				
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
FA	Clean and Inspect Detention Basins	\$7000		100% *	
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: TOTAL \$10,000

*This closes the fiscal year. Maintenance was performed after each rainfall as needed. Typically these activities are storm related.

WORK COMPLETED DURING CURRENT QUARTER:

Clean and Inspect after storm events.

WORK TO BE COMPLETED DURING NEXT QUARTER:

Invoice pending for approximately \$4000.

CONSULTANT/CONTRACTOR: N/A

PROJECT MANAGER: Larry Haugsness PHONE NUMBER: 229-6272

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: City of Las Vegas

DATE PREPARED: 7/20/92

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

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
FA	Clean and Inspect Inlet/Outlet Structures	\$4000		100% *	
FA	Inspect Channels	\$2000		100% *	
	Clear and Reshape Channels				
FA	Vegetation Control	\$2000		100% *	
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: TOTAL \$8,000

* This closes the fiscal year.
Typically these activities are storm related.

WORK TO BE COMPLETED DURING CURRENT QUARTER:

None

WORK TO BE COMPLETED DURING NEXT QUARTER:

No maintenance was performed on the channel during the fiscal year.

CONSULTANT/CONTRACTOR: N/A

PROJECT MANAGER: Larry Haugsness PHONE NUMBER: 229-6227

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: City of Las Vegas

DATE PREPARED: 7/20/92

PROJECT: Maintenance No. 5 Angel Park Detention Basin (South Half)

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
FA	Clean and Inspect Inlet/Outlet Structures	\$1000		100% *	
	Inspect Channels				
	Clear and Reshape Channels				
	Vegetation Control				
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
FA	Clean and Inspect Detention Basins	\$8000		100% *	
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: TOTAL \$9,000

* This closes the fiscal year. Maintenance was performed after each rainfall. Typically these activities are storm related.

WORK COMPLETED DURING CURRENT QUARTER:

Cleaned and Inspected after storm events.

WORK TO BE COMPLETED DURING NEXT QUARTER:

Invoice pending for approximately \$6000.

CONSULTANT/CONTRACTOR: N/A

PROJECT MANAGER: Larry Haugsness

PHONE NUMBER: 229-6272

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: City of Mesquite DATE PREPARED: 7/22/92

PROJECT: TOWN WASH DETENTION BASIN

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels	310.00		100%	6/30/92
	Clean and Reshape Channels	7920.00		100%	6/30/92
	Vegetation Control	3400.00		100%	6/30/92
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control	720.00		100%	6/30/92
	Erosion Repair	4725.00		100%	6/30/92
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: Total \$23,420.25

None

WORK TO BE COMPLETED DURING CURRENT QUARTER:

All work scheduled for 91/92 budget

WORK TO BE COMPLETED DURING NEXT QUARTER:

Vegetation control

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: Crescent Hardy PHONE NUMBER: 346-5295

REGIONAL FLOOD CONTROL DISTRICT MAINTENANCE WORK PROGRAM STATUS REPORT

ENTITY: City of Mesquite DATE PREPARED: 7/22/92

PROJECT: ABBOTT WASH

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures	1000.00		100%	6/30/92
	Inspect Channels	310.00		100%	6/30/92
	Clear and Reshape Channels	7920.00		80%	5/30/92
	Vegetation Control	3660.00		100%	6/30/92
	Repair Lined Channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control	7204.00		100%	6/30/92
	Erosion Repair	4725.00		100%	6/30/92
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS: Total \$26,009.95

None

WORK TO BE COMPLETED DURING CURRENT QUARTER:

Remaining work scheduled for 91/92 budget

WORK TO BE COMPLETED DURING NEXT QUARTER:

Vegetation control and clear and reshape remainder of channel.

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: Crescent Hardy PHONE NUMBER: 346-5295

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ITY: City of North Las Vegas

DATE PREPARED: 7/9/92

PROJECT: Las Vegas Wash - North Reach

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
Force acct	Inspect Channels	\$ 930	\$ 930	100%(\$870)	completed 5/30/92
Force acct	Clear and Reshape Channels	10,800	10,800	100%(\$12,822)	completed 6/30/92
	Vegetation Control				
	Repair Lined channels				
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
Force acct	Fence Repair	1,875	1,875	100%(\$296)	completed 5/13/92
	Maintain Access Road				
Force acct	Miscellaneous Work Activities	1,650	1,650	100%(\$1,542)	completed 6/24/92

DELAYS OR PROBLEM AREAS: TOTAL \$ 15,255 \$ 15,255 \$ 15,530

WORK TO BE COMPLETED DURING CURRENT QUARTER:

Clear and reshape between Craig & Hammer
Fence Repair; Miscellaneous work activities
Inspect Channels

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: Larry K. McCutchen

PHONE NUMBER: 642-3150

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: City of North Las Vegas DATE PREPARED: 7/9/92

PROJECT: Northern Tributary of Northwestern Tributaries of Las Vegas Wash

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
Force Acct	Inspect Channels	\$ 410	\$ 410	100%(\$380)	completed 5/30/92
Force Acct	Clear and Reshape Channels	2,500	2,500	100%(\$2209)	completed 5/12/92
Force Acct	Vegetation Control	725	725	100%(\$886)	completed 5/14/92
	Repair Lined channels				
Force Acct	Clean/Flush Culverts	1,380	7,880	100%(\$5840)	completed 3/3/92
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
Force Acct	Fence Repair	1,875	1,875	100%(\$1055)	completed 5/12/92
	Maintain Access Road				
Force Acct	Miscellaneous Work Activities	1,650	1,650	100%(\$315)	completed 8/7/91

DELAYS OR PROBLEM AREAS: TOTAL \$ 8,540 \$15,040 \$ 10,685

WORK TO BE COMPLETED DURING CURRENT QUARTER:
Clear and reshape Cheyenne to I-15; Inspect;
Vegetation control; Fence repair; Miscellaneous work activities

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: Larry K. McCutchen PHONE NUMBER: 642-3150

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

TITY: City of North Las Vegas

DATE PREPARED: 7/9/92

PROJECT: Las Vegas Range Wash - West Branch

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
Force Acct	Inspect Channels	\$ 210	\$ 210	100%(200)	completed 5/30/92
	Clear and Reshape Channels				
	Vegetation Control				
	Repair Lined channels				
Force Acct	Clean/Flush Culverts	1,150	1,150	100%(\$2653)	completed 1/15/92
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
Force Acct	Fence Repair	1,875	1,875	0	
	Maintain Access Road				
Force Acct	Miscellaneous Work Activities	1,650	1,650	100%(\$2954)	completed 11/15/91
DELAYS OR PROBLEM AREAS:		TOTAL	\$ 4,885	\$ 4,885	\$ 5,807

WORK TO BE COMPLETED DURING CURRENT QUARTER:

Inspect Channels; Clean/Flush Culverts; miscellaneous work activities

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: Larry K. McCutchen

PHONE NUMBER: 642-3150

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: City of North Las Vegas

DATE PREPARED: 7/9/92

PROJECT: Craig Road RCB Bridges

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
	Vegetation Control				
	Repair Lined channels				
Force Acct.	Clean/Flush Culverts	\$ 690	\$ 690	100%(\$300)	completed 8-15-91
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS:

TOTAL \$ 690 \$ 690 \$ 300

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: Larry K. McCutchen

PHONE NUMBER: 642-3150

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

TITY: City of North Las Vegas

DATE PREPARED: 7/9/92

PROJECT: Cheyenne Avenue RCB Bridge

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
	Vegetation Control				
	Repair Lined channels				
Force Acct	Clean/Flush Culverts	\$ 230	\$ 230	0	
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
	Clean and Inspect Detention Basins				
	Vegetation Control Detention Basins				
	Provide/Maintain Erosion Control				
	Erosion Repair				
	Repair Inlet/Outflow Structures				
	Fence Repair				
	Maintain Access Road				
	Miscellaneous Work Activities				

DELAYS OR PROBLEM AREAS:

TOTAL \$ 230 \$ 230

WORK TO BE COMPLETED DURING CURRENT QUARTER:

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: Larry K. McCutchen

PHONE NUMBER: 642-3150

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM STATUS REPORT**

ENTITY: City of North Las Vegas DATE PREPARED: 7/9/92

PROJECT: North Las Vegas Detention Basin

FORCE ACCOUNT/ CONTRACT	ACTIVITY	APPROVED WORK PLAN	AMENDED WORK PLAN	PERCENT COMPLETE	SCHEDULED COMPLETION DATE
	Clean and Inspect Inlet/Outlet Structures				
	Inspect Channels				
	Clear and Reshape Channels				
	Vegetation Control				
Force Acct	Repair Lined channels	\$ 2,105	\$ 2,105	100%(\$2105)	completed 2/20/92
	Clean/Flush Culverts				
	Clean Storm Sewer Lines				
	Storm Sewer Repair				
Force Acct	Clean and Inspect Detention Basins	3,500	3,500	100%(\$933)	completed 6/11/92
Force Acct	Vegetation Control Detention Basins	3,600	3,600	100%(\$5095)	completed 5/22/92
	Provide/Maintain Erosion Control				
Force Acct	Erosion Repair	2,960	2,960	100%(\$3764)	complet 5/20/92
	Repair Inlet/Outflow Structures				
Force Acct	Fence Repair	3,000	500	100%(\$740)	completed 10/29/91
Force Acct	Maintain Access Road	6,920	2,920	100%(\$2613)	completed 5/13/92
Force Acct	Miscellaneous Work Activities	3,300	3,300	0	

DELAYS OR PROBLEM AREAS:

TOTAL \$ 25,385 \$ 18,885 \$15,250

WORK TO BE COMPLETED DURING CURRENT QUARTER:

Clean and inspect; Vegetation control; Maintenance of access road;
Miscellaneous work activities

WORK TO BE COMPLETED DURING NEXT QUARTER:

CONSULTANT/CONTRACTOR: _____

PROJECT MANAGER: Larry K. McCutchen PHONE NUMBER: 642-3150

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:
PROJECT STATUS REPORTS

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

RECOMMENDATION OF PETITIONER:
THAT THE BOARD ACCEPT THE REPORTS

FISCAL IMPACT:

None.

BACKGROUND:

The following Projects Status Reports for the month of July 1992 are submitted for your review:

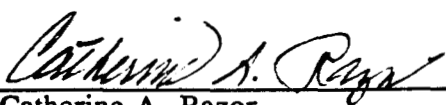
92/93 PROJECT LIST AND BOND PROJECTS

- a) Project Charts
- b) Project Summary Sheets
- c) Clark County
- d) City of Las Vegas
- e) City of Boulder City
- f) City of Henderson
- g) City of Mesquite
- h) City of North Las Vegas

OTHER PROJECTS OF INTEREST

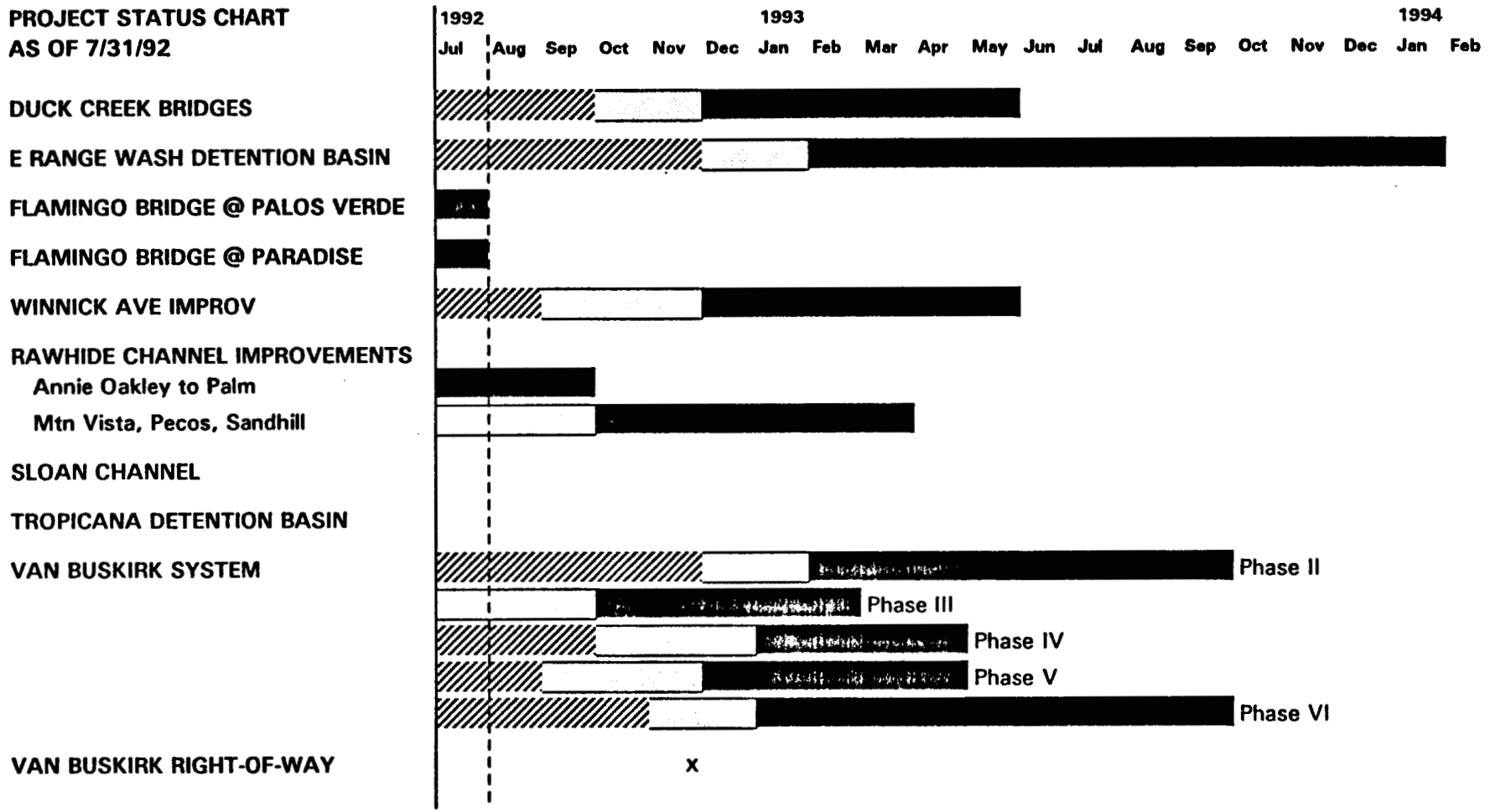
- a) Clark County - Hiko Springs Remapping
- b) City of Las Vegas - Angel Park Outfall & Gowan North Channel
- c) Henderson - Pittman Wash Phase II
- d) Flood Safety Awareness Program

Respectfully submitted,


Catherine A. Razor
Project Administration Coordinator

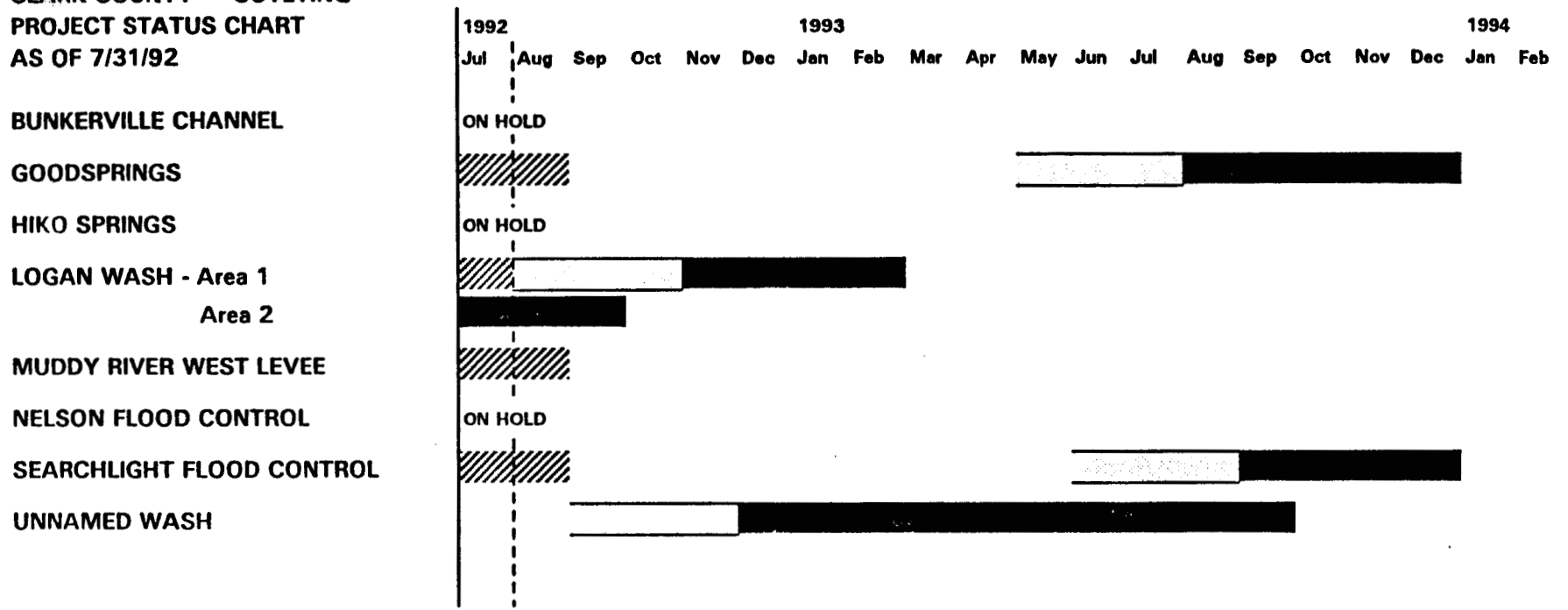
TAC AGENDA ITEM # Date:	RFCD AGENDA ITEM # 20 Date: 8/13/92
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**CLARK COUNTY
PROJECT STATUS CHART
AS OF 7/31/92**



 DESIGN
  BID PERIOD
  CONSTRUCTION

**CLARK COUNTY - OUTLYING
PROJECT STATUS CHART
AS OF 7/31/92**



 DESIGN
  BID PERIOD
  CONSTRUCTION

**CITY OF LAS VEGAS
PROJECT STATUS CHART
AS OF 7/31/92**

ANGEL PARK DB EXPANSION

BUFFALO CHANNEL(Charleston-Vegas)

BUFFALO CHANNEL(Doe-Westcliff)

BUFFALO CH(Summerlin-Vegas)

BUFFALO CH(Westcliff-Summerlin)

CHEYENNE CHANNEL

CAREY/LAKE MEAD DET. BASIN

GOWAN/CAM 10 & LONE MTN

GOWAN DETENTION BASIN

GOWAN OUTFALL

OAKEY BL DET BASIN SYSTEM

OAKEY COLLECTION SYSTEM

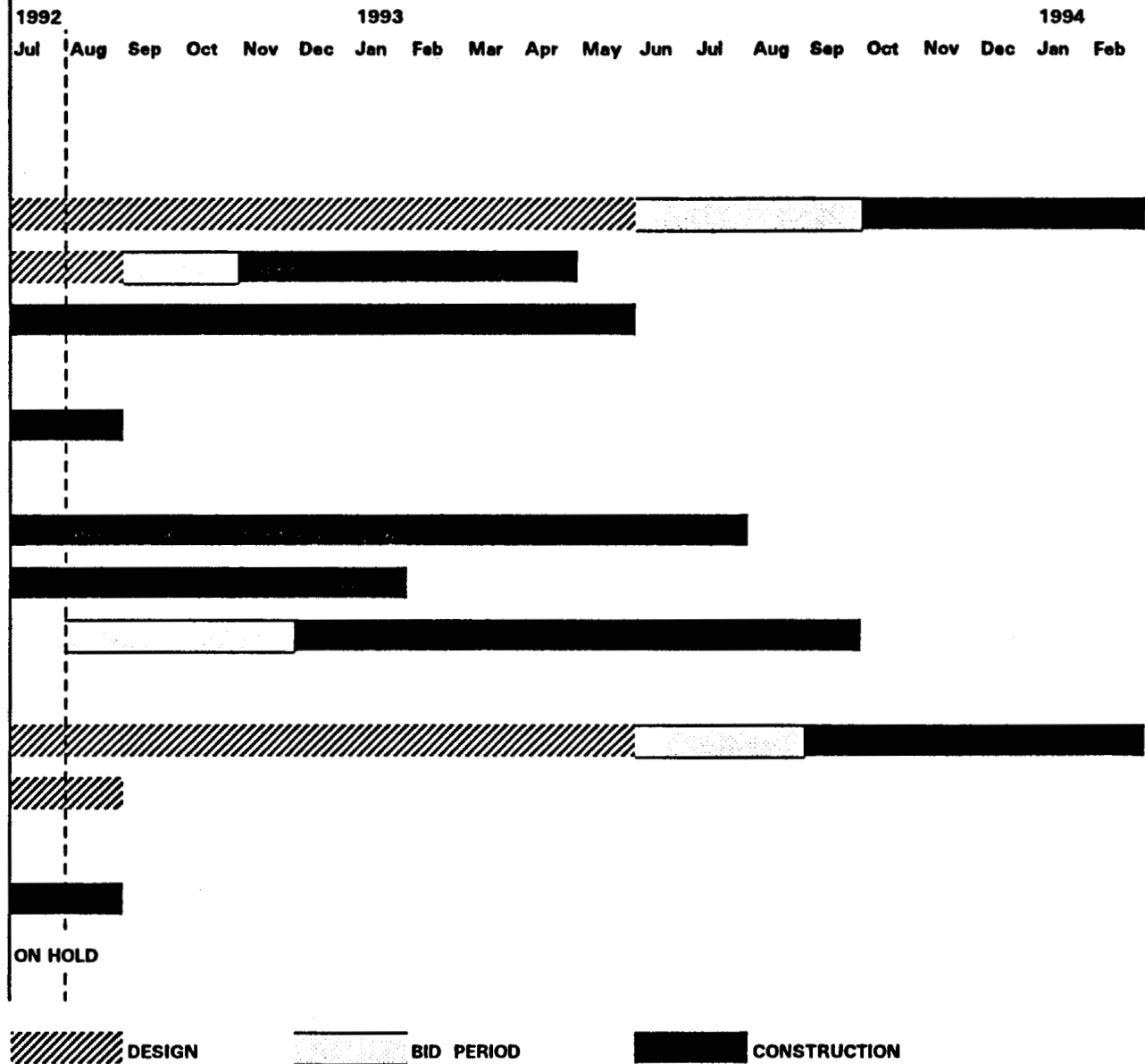
RAMPART STORM DRAIN

WASHINGTON AVE. SYSTEM DESIGN

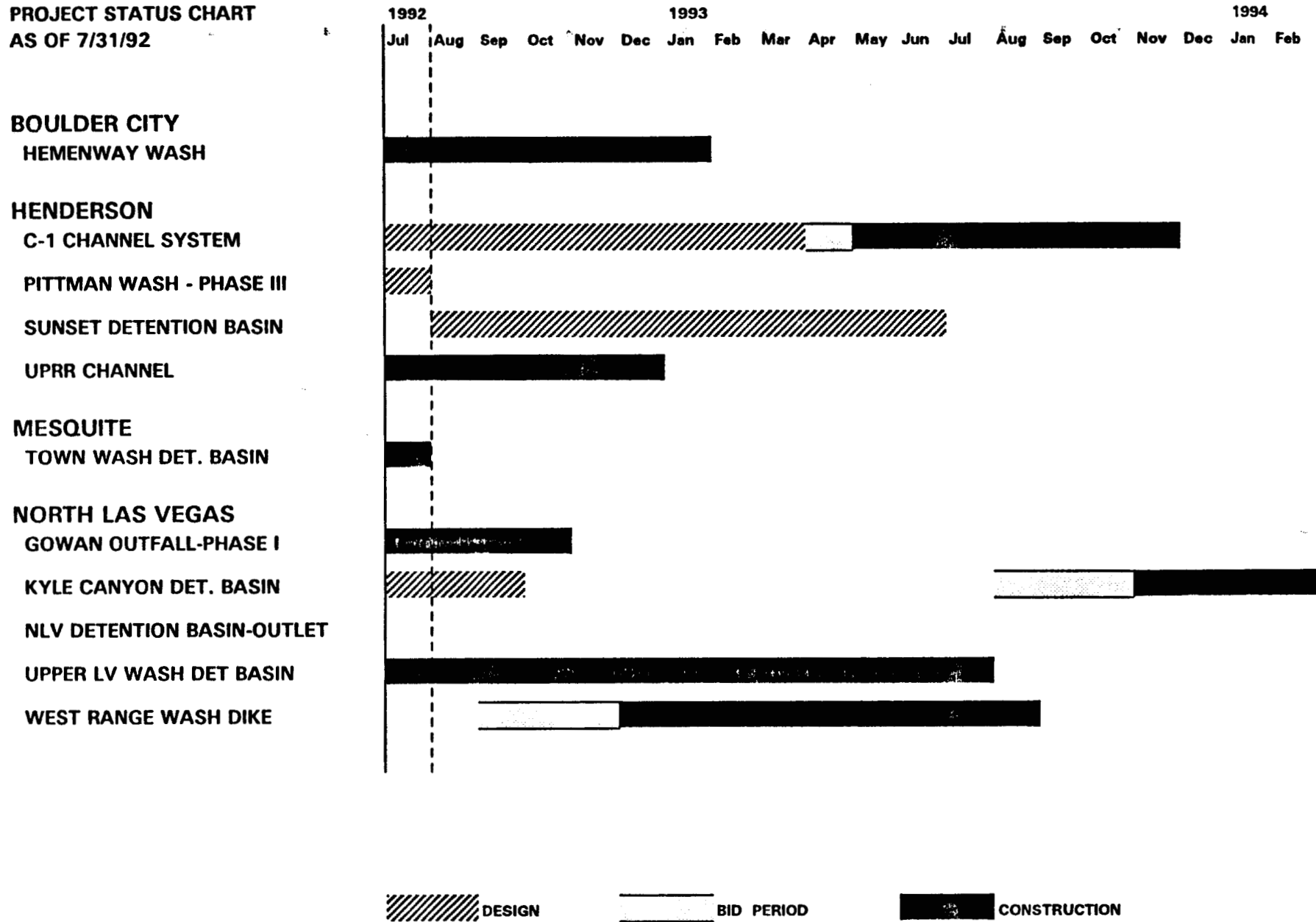
WASHINGTON AVE. ROW

WASHINGTON/SANDHILL OUTLET

**WASHINGTON/SANDHILL-VIRGIL
CONSTRUCTION**



**PROJECT STATUS CHART
AS OF 7/31/92**



REGIONAL FLOOD CONTROL DISTRICT SUMMARY SHEET AS OF 7/31/92	ORIG FUNDING		BOARD APPROVED		DESIGN START DATE	DESIGN COMPLETE DATE	CONSTR START DATE	CONSTR COMPL DATE	SCHEDULE CHANGE FROM PREVIOUS MONTH
	PROJECT	92-93 PL	BONDS	92-93 PL					
CLARK COUNTY									
Duck Creek Bridges (Tomiyasu & Pachuca)	\$353,000				NOW	09/92	12/92	05/93	
East Range Wash Detention Basin		\$8,620,000			NOW	12/92	01/93	01/94	
Flamingo Wash Bridge @ Palos Verde					DONE	DONE	DONE	DONE	
Flamingo Wash Bridge @ Paradise					DONE	DONE	DONE	DONE	
Flamingo Wash (Winnick Ave/Tropicana Wash to Decatur Blvd)	\$1,500,000				NOW	08/92	11/92	05/93	
Rawhide Channel - Annie Oakley to Palm Crossings at Mtn Vista, Pecos, Sandhill		\$2,820,000		\$1,985,485	DONE	DONE	NOW	09/92	
Sloan Channel	\$800,000				DONE	DONE	10/92	03/93	
Tropicana Detention Basin	\$500,000								
Van Buskirk System Improvements	\$1,000,000	\$8,000,000		\$2,548,800					
Phase II					NOW	11/92	02/93	09/93	
Phase III					DONE	DONE	10/92	02/93	
Phase IV					NOW	09/92	12/92	04/93	
Phase V					NOW	08/92	12/92	04/93	project schedule adjusted to coincide with Basin C construction
Phase VI					NOW	10/92	01/93	09/93	
Van Buskirk System Right-of-Way						RoW 11/92			
CLARK COUNTY OUTLYING									
Bunkerville Channel	\$0				DONE	DONE	ON HOLD		construction schedule deleted pending Town Advisory Board and envir requirements
Goodsprings Flood Control Improvements	\$303,000				NOW	8/92 d + 1	08/93	12/93	design delay due to environmental requirements
Hiko Springs Channel-Laughlin									reschedule pending resolution of SID funding
Logan Wash Div #1- Moapa	\$800,000				DONE	DONE	11/92	02/93	
Logan Wash Div. #2 - Moapa					DONE	DONE	NOW	09/92	
Muddy River West Levee - Moapa					NOW	8/92 d + 1			right-of-way delay due to numerous property owners
Nelson Flood Control Improvements									County continues consideration of Master Plan acquisition proposal
Searchlight Flood Control Improvements	\$346,000				NOW	8/92 d + 1	09/93	12/93	1 month delay due to envir requirements and right-of-way easements
Unnamed Wash Improvements - Laughlin		\$4,100,000		\$4,100,000	DONE	DONE	12/92 d + 2	9/93 d + 2	2 month delay due to delay in securing SID funding
Shading indicates Bond funded project									d + indicates cumulative delay in months since 6/30/92

REGIONAL FLOOD CONTROL DISTRICT SUMMARY SHEET AS OF 7/31/92	ORIG FUNDING		BOARD APPROVED		DESIGN START DATE	DESIGN COMPLETE DATE	CONSTR START DATE	CONSTR COMPL DATE	SCHEDULE CHANGE FROM PREVIOUS MONTH
	PROJECT	92-93 PL	BONDS	92-93 PL					
LAS VEGAS									
Angel Park Detention Basin Expansion	\$100,000								
Buffalo Channel(Doe to Westcliff)					07/92	05/93	10/93	10/94	
Buffalo Channel (Vegas Dr- Charleston)	\$188,000								
Buffalo Channel(Summerlin Pkwy.-Vegas)		\$1,500,000			NOW	08/92	11/92	04/93	
Buffalo Channel(Westcliff- Summerlin Pkwy.)					DONE	DONE	NOW	05/93	
Cheyenne Channel	\$908,000								
Carey/Lake Mead Detention Basin					DONE	DONE	NOW	8/92 d + 1	contractor exceeding contract time
Gowan /CAM-10 & Lone Mtn DB's Predesign	\$100,000								
Gowan Detention Basins		\$10,240,000		\$10,900,000	DONE	DONE	07/92	07/93	
Gowan Outfall - Phase 2	\$0		\$26,000		DONE	DONE	NOW	01/93	
Oakey Blvd. Detention Basin System		\$7,970,000		\$9,519,200	DONE	DONE	12/92 d + 2	9/93 d + 2	2 month delay for BLM approval
Oakey Collection System & Outfall	\$2,054,000		\$50,000						
Rampart Storm Drain	\$65,000		\$65,000		NOW	05/93	09/93	11/94	
Washington Ave. System Design					NOW	08/92			
Washington Ave. Channel ROW	\$270,000								
Washington Ave./Sandhill Outlet		\$1,700,000		\$1,700,000	DONE	DONE	NOW	08/92	
Washington Ave./Sandhill-Virgil Construction					DONE	DONE	ON HOLD		construction pending BLM approval of Oakey Detention
Shading indicates Bond funded project									d + indicates cumulative month delay since 6/30/92

REGIONAL FLOOD CONTROL DISTRICT SUMMARY SHEET AS OF 7/31/92	ORIG FUNDING		BOARD APPROVED		DESIGN START DATE	DESIGN COMPLETE DATE	CONSTR START DATE	CONSTR COMPL DATE	SCHEDULE CHANGE FROM PREVIOUS MONTH	
	PROJECT	92-93 PL	BONDS	92-93 PL	BONDS					
BOULDER CITY										
Hemenway Wash					\$867,000	DONE	DONE	NOW	01/93	
HENDERSON										
C-1 Channel System		\$6,000,000				NOW	03/93	05/93	11/93	
Pittman Wash Channel-Phase III		\$3,162,200				NOW	07/92			Deferred indefinitely
Sunset Detention Basin, Collection System & Outfall UPRR Channel	\$1,385,000		\$1,385,000			08/92	06/93			
		\$2,300,000		\$2,600,000		DONE	DONE	NOW	12/92	
MESQUITE										
Town Wash Detention Basin		\$5,448,304		\$4,137,504		DONE	DONE	DONE	DONE	
NORTH LAS VEGAS										
Gowan Outfall - Phase 1 and Stimson Channel						DONE	DONE	NOW	10/92 d + 2	2 month construction delay on Stimson Channel portion due to design conflicts
Kyle Canyon Detention Basin Design	\$100,000					NOW	09/92	11/93	11/94	
North Las Vegas Detention Basin - Outlet Modifications	\$30,000									
Upper Las Vegas Wash Detention Basin		\$12,800,000		\$8,950,000		DONE	DONE	NOW	07/93	
West Range Wash Diversion Dike	\$1,200,000	\$4,000,000				NOW	05/92	12/92 d + 2	8/93 d + 1	mining claims are delaying BLM right-of-way grant
Shading indicates Bond funded projects										d + indicates cumulative month delay since 6/30/92

REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

PROJECT MANAGER: CATANESE PHONE #: 455-8309

ENTITY: CLARK COUNTY PUBLIC WORKS DATE PREPARED: 07/30/92

REVIEW PERIOD FROM: JULY 1 TO: JULY 31

PROJECT: DUCK CREEK BRIDGES AT TOMIYASU AND PACHUCA

DESCRIPTION: NEW BRIDGES OVER DUCK CREEK AT PACHUCA AND TOMIYASU

PERCENT COMPLETE: 4% ESTIMATED COST OF PROJECT: \$645,000.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN	<u>09/15/92</u>
R/W CLEARANCES	_____
ENVIR CLEARANCES	_____
BIDS OPEN	<u>11/15/92</u>
CONSTRUCTION START	<u>12/15/92</u>
CONSTRUCTION COMPLETE	<u>05/15/93</u>

CONSULTANT/PROJECT MANAGER: HEFNER

CONSTRUCTION PRIME CONTRACTOR:

<u>DELAYS OR PROBLEMS AREAS:</u>
<u>WORK COMPLETED DURING CURRENT MONTH:</u> COMPLETED FINAL PRE-DESIGN MEMO.
<u>WORK TO BE COMPLETED DURING NEXT MONTH:</u> BEGIN FINAL DESIGN.

PROJECT MANAGER: HAND

PHONE #: 455-8339

**REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT**

ENTITY: CLARK COUNTY PUBLIC WORKS **DATE PREPARED:** 07/30/92

REVIEW PERIOD FROM: JULY 1 **TO:** JULY 31

PROJECT: FLAMINGO WASH - BRIDGE AT PALOS VERDES STREET

DESCRIPTION: DESIGN AND CONSTRUCT ROAD CROSSING TO ACCOMMODATE 100-YEAR STORM. DESIGN & CONTRACT ADMINISTRATION.

PERCENT COMPLETE: 100% **ESTIMATED COST OF PROJECT:** \$450,000.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN	<u>03/24/91</u>
R/W CLEARANCES	
ENVIR CLEARANCES	<u>01/01/91</u>
BIDS OPEN	<u>05/01/91</u>
CONSTRUCTION START	<u>07/08/91</u>
CONSTRUCTION COMPLETE	<u>07/19/92</u>

CONSULTANT/PROJECT MANAGER: MEA

CONSTRUCTION PRIME CONTRACTOR: RIGGS

DELAYS OR PROBLEMS AREAS:
UNDERGROUND WATER AND TELEPHONE CONFLICTS. RAINS HAVE CAUSED PROJECT TO BE DELAYED.

WORK COMPLETED DURING CURRENT MONTH:
PROJECT COMPLETED. PERFORMED FINAL WALK-THROUGH.

WORK TO BE COMPLETED DURING NEXT MONTH:
CONTRACTOR TO COMPLETE PUNCHLIST.

PROJECT MANAGER: FOSTER

PHONE #: 455-8334

REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS **DATE PREPARED:** 07/30/92

REVIEW PERIOD FROM: JULY 1 **TO:** JULY 31

PROJECT: FLAMINGO WASH - BRIDGE AT PARADISE ROAD

DESCRIPTION: CONSTRUCT BRIDGE TO ACCOMMODATE 100 YEAR STORM EVENT.
DESIGN & CONTRACT ADMINISTRATION.

PERCENT COMPLETE: 100% **ESTIMATED COST OF PROJECT:** \$750,000.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN	<u>03/24/91</u>
R/W CLEARANCES	_____
ENVIR CLEARANCES	_____
BIDS OPEN	<u>05/01/91</u>
CONSTRUCTION START	<u>07/08/91</u>
CONSTRUCTION COMPLETE	<u>07/19/92</u>

CONSULTANT/PROJECT MANAGER: MEA

CONSTRUCTION PRIME CONTRACTOR: RIGGS

<u>DELAYS OR PROBLEMS AREAS:</u> UNDERGROUND WATER AND TELEPHONE CONFLICTS. FLOOD DELAY 2/7/92 TO 2/12/92
<u>WORK COMPLETED DURING CURRENT MONTH:</u> PROJECTED COMPLETED. PERFORMED FINAL WALK-THROUGH.
<u>WORK TO BE COMPLETED DURING NEXT MONTH:</u> PUNCHLIST WORK BEGAN.

PROJECT MANAGER: FOSTER

PHONE #: 455-8334

REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS **DATE PREPARED:** 07/30/92
REVIEW PERIOD FROM: JULY 1 **TO:** JULY 31
PROJECT: RAWHIDE CHANNEL IMPROVEMENTS PHASE I - ANNIE OAKLEY TO PALM
DESCRIPTION: COMPLETE REMAINING RAWHIDE CHANNEL IMPROVEMENTS
PERCENT COMPLETE: 65% **ESTIMATED COST OF PROJECT:** \$3,000,000.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN	<u>02/28/92</u>
R/W CLEARANCES	_____
ENVIR CLEARANCES	_____
BIDS OPEN	<u>04/02/92</u>
CONSTRUCTION START	<u>05/11/92</u>
CONSTRUCTION COMPLETE	<u>09/21/92</u>

CONSULTANT/PROJECT MANAGER:

CONSTRUCTION PRIME CONTRACTOR: MEADOW VALLEY CONTRACTORS

DELAYS OR PROBLEMS AREAS:

WORK COMPLETED DURING CURRENT MONTH:
CONTRACTOR APPROXIMATELY 90% COMPLETE ON CHANNEL LINING. BOX STRUCTURES COMPLETE AND LAMB OPEN TO TRAFFIC.

WORK TO BE COMPLETED DURING NEXT MONTH:
CONTRACTOR TO COMPLETE TRANSITION STRUCTURES, STORM DRAIN AND DROP INLETS, SIDEWALK, AND AC ACCESS ROAD.

PROJECT MANAGER: WONDRA

PHONE #: 455-7707

REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS **DATE PREPARED:** 07/30/92
REVIEW PERIOD FROM: JULY 1 **TO:** JULY 31
PROJECT: RAWHIDE CHANNEL IMPROVEMENTS PHASE II - CROSSINGS
DESCRIPTION: PECOS, SANDHILL, MTN VISTA - COMPLETE REMAINING PROJECT COMPONENTS
PERCENT COMPLETE: 7½ **ESTIMATED COST OF PROJECT:** \$3,000,000.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN	<u>06/30/92</u>
R/W CLEARANCES	_____
ENVIR CLEARANCES	_____
BIDS OPEN	<u>08/27/92</u>
CONSTRUCTION START	<u>10/01/92</u>
CONSTRUCTION COMPLETE	<u>03/30/93</u>

CONSULTANT/PROJECT MANAGER:
CONSTRUCTION PRIME CONTRACTOR:

<p><u>DELAYS OR PROBLEMS AREAS:</u> RELOCATION OF SANITARY SEWER ON SANDHILL RD. REQUIRED ADDITIONAL POTHOLE AND SURVEY AND COORDINATION WITH SOUTHWEST GAS.</p>
<p><u>WORK COMPLETED DURING CURRENT MONTH:</u> DISTRIBUTED 90% PLANS AND SPECIFICATIONS FOR REVIEW AND COMMENTS. FINALIZED PLANS AND SPECIFICATIONS. BCC APPROVED CONSTRUCTION FUNDING ON 07/21/92.</p>
<p><u>WORK TO BE COMPLETED DURING NEXT MONTH:</u> ADVERTISE ON 08/04/92, PRE-BID ON 08/11/92, AND OPEN BIDS ON 08/27/92. BEGIN DESIGN OF NEXT PHASE.</p>

PROJECT MANAGER: CATANESE **PHONE #:** 455-8309

**REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT**

ENTITY: CLARK COUNTY PUBLIC WORKS **DATE PREPARED:** 07/30/92

REVIEW PERIOD FROM: JULY 1 **TO:** JULY 31

PROJECT: VAN BUSKIRK CHANNEL - SYSTEM IMPROVEMENTS (PHASE II)

DESCRIPTION: ROCHELLE/HILDEBRAND TO PECOS-MCLEOD & VIKING - ALSO
DETENTION BASIN E

PERCENT COMPLETE: 4½ **ESTIMATED COST OF PROJECT:** \$3,500,000.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN	<u>11/09/92</u>
R/W CLEARANCES	_____
ENVIR CLEARANCES	_____
BIDS OPEN	<u>12/16/92</u>
CONSTRUCTION START	<u>02/15/93</u>
CONSTRUCTION COMPLETE	<u>09/01/93</u>

CONSULTANT/PROJECT MANAGER: SEA

CONSTRUCTION PRIME CONTRACTOR:

<p><u>DELAYS OR PROBLEMS AREAS:</u></p>
<p><u>WORK COMPLETED DURING CURRENT MONTH:</u> SUBMITTED CONSTRUCTION PRE-DESIGN AND CONCLUDED GEOTECHNICAL.</p>
<p><u>WORK TO BE COMPLETED DURING NEXT MONTH:</u> DEGIN DESIGN.</p>

PROJECT MANAGER: BRANDT

PHONE #: 455-7707

REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS **DATE PREPARED:** 07/30/92
REVIEW PERIOD FROM: JULY 1 **TO:** JULY 31
PROJECT: VAN BUSKIRK CHANNEL - SYSTEM IMPROVEMENTS (PHASE IV)
DESCRIPTION: FLOOD CONTROL FACILITIES & DETENTION BASIN C BETWEEN
MCLEOD/UNIVERSITY & HARMON/HARRISON INTERSECTIONS
PERCENT COMPLETE: 5% **ESTIMATED COST OF PROJECT:** \$962,500.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN	<u>09/08/92</u>
R/W CLEARANCES	_____
ENVIR CLEARANCES	_____
BIDS OPEN	<u>10/08/92</u>
CONSTRUCTION START	<u>12/28/92</u>
CONSTRUCTION COMPLETE	<u>04/30/93</u>

CONSULTANT/PROJECT MANAGER: DELTA ENGINEERING

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS:
SPECIAL SOILS INVESTIGATION ON BASIN C DUE TO HIGH WATER TABLE. PHASE III TIED TO BASIN C OUTFALL.

WORK COMPLETED DURING CURRENT MONTH:
BEGAN DESIGN.

WORK TO BE COMPLETED DURING NEXT MONTH:
COMPLETE DESIGN.

PROJECT MANAGER: BRANDT

PHONE #: 455-7707

**REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT**

ENTITY: CLARK COUNTY PUBLIC WORKS **DATE PREPARED:** 07/30/92
REVIEW PERIOD FROM: JULY 1 **TO:** JULY 31
PROJECT: VAN BUSKIRK CHANNEL - SYSTEM IMPROVEMENTS (PHASE V)
DESCRIPTION: FLOOD CONTROL FACILITIES BETWEEN HARMON/HARRISON
INTERSECTION & TROPICANA AVE.

PERCENT COMPLETE: 7% **ESTIMATED COST OF PROJECT:** \$1,830,000.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN	<u>08/14/92</u>
R/W CLEARANCES	_____
ENVIR CLEARANCES	_____
BIDS OPEN	<u>10/08/92</u>
CONSTRUCTION START	<u>12/01/92</u>
CONSTRUCTION COMPLETE	<u>04/23/93</u>

CONSULTANT/PROJECT MANAGER: PENTACORE

CONSTRUCTION PRIME CONTRACTOR:

<u>DELAYS OR PROBLEMS AREAS:</u> PROJECT SCHEDULE ADJUSTED TO COINCIDE WITH VAN BUSKIRK CHANNEL IV BASIN C CONSTRUCTION.
<u>WORK COMPLETED DURING CURRENT MONTH:</u> CONTINUED DESIGN.
<u>WORK TO BE COMPLETED DURING NEXT MONTH:</u> COMPLETE DESIGN.

PROJECT MANAGER: BRANDT

PHONE #: 455-7707

REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS **DATE PREPARED:** 07/30/92

REVIEW PERIOD FROM: JULY 1 **TO:** JULY 31

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

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

PERCENT COMPLETE: 3% **ESTIMATED COST OF PROJECT:** \$4,870,000.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN	<u>10/27/92</u>
R/W CLEARANCES	_____
ENVIR CLEARANCES	_____
BIDS OPEN	<u>12/02/92</u>
CONSTRUCTION START	<u>01/14/93</u>
CONSTRUCTION COMPLETE	<u>09/16/93</u>

CONSULTANT/PROJECT MANAGER: JM MONTGOMERY

CONSTRUCTION PRIME CONTRACTOR:

<u>DELAYS OR PROBLEMS AREAS:</u>
<u>WORK COMPLETED DURING CURRENT MONTH:</u> SUBMITTED PRE-DESIGN AND COMPLETED GEOTECHNICAL.
<u>WORK TO BE COMPLETED DURING NEXT MONTH:</u> BEGIN DESIGN.

PROJECT MANAGER: BRANDT

PHONE #: 455-7707

REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS **DATE PREPARED:** 07/30/92

REVIEW PERIOD FROM: JULY 1 **TO:** JULY 31

PROJECT: BUNKERVILLE FLOOD CONTROL CHANNEL

DESCRIPTION: CONSTRUCT CONCRETE LINED CHANNEL FROM HIGHWAY THRU TOWN & EARTHEN CHANNEL FROM EDGE OF TOWN TO VIRGIN RIVER. DESIGN ONLY.

PERCENT COMPLETE: 8% **ESTIMATED COST OF PROJECT:** \$1,714,648.00

DESIGN	<u>SCHEDULE FOR COMPLETION:</u> (DATES)
R/W CLEARANCES	<u>04/15/92</u>
ENVIR CLEARANCES	<u>08/01/93</u>
BIDS OPEN	_____
CONSTRUCTION START	_____
CONSTRUCTION COMPLETE	_____

CONSULTANT/PROJECT MANAGER: THE MARK GROUP

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS:
PROJECT ON HOLD DUE TO PROJECT PROTEST BY BUNKERVILLE TAB. PROJECT WILL BE DELAYED DUE TO ENVIRONMENTAL REQUIREMENTS.

WORK COMPLETED DURING CURRENT MONTH:
SENT PLANS AND SPECIFICATIONS BACK TO MARK GROUP FOR FINAL REVISIONS. RECEIVED LETTER FROM KENYON LEAVATT, CHAIRMAN OF BUNKERVILLE TAB, REQUESTING STATUS ON ACQUIRING 40 ACRES OF LAND FROM BLM FOR FUTURE DETENTION SITE.

WORK TO BE COMPLETED DURING NEXT MONTH:
COMPLETE PLANS AND SPECIFICATIONS. CLOSE OUT CONTRACT WITH MARK GROUP. MEET WITH BUNKERVILLE TAB TO DISCUSS CURRENTLY DESIGNED PROJECT AND THE REQUESTED FUTURE DETENTION SITE.

**REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT**

ENTITY: CLARK COUNTY PUBLIC WORKS **DATE PREPARED:** 07/30/92

REVIEW PERIOD FROM: JULY 1 **TO:** JULY 31

PROJECT: GOODSPRINGS - FLOOD CONTROL

DESCRIPTION: DESIGN AND CONSTRUCT BERM AND CHANNEL ALONG SOUTH SIDE OF TOWN AND WIDEN CHANNEL ALONG PACIFIC ST. ON NORTH SIDE OF TOWN.

PERCENT COMPLETE: 4% **ESTIMATED COST OF PROJECT:** \$99,000.00

<u>DESIGN</u>	<u>SCHEDULE FOR COMPLETION:</u> (DATES)
	<u>08/28/92</u>
<u>R/W CLEARANCES</u>	<u>03/15/92</u>
<u>ENVIR CLEARANCES</u>	<u>08/01/93</u>
<u>BIDS OPEN</u>	<u>08/15/93</u>
<u>CONSTRUCTION START</u>	<u>08/15/93</u>
<u>CONSTRUCTION COMPLETE</u>	<u>12/31/93</u>

CONSULTANT/PROJECT MANAGER: G. C. WALLACE

CONSTRUCTION PRIME CONTRACTOR:

<p><u>DELAYS OR PROBLEMS AREAS:</u> PROJECT CONSTRUCTION DELAY DUE TO ENVIRONMENTAL REQUIREMENTS. ACQUISITION OF ROW WITHIN SAN PEDRO AVE. TO PROPOSED DISCHARGE POINT.</p>
<p><u>WORK COMPLETED DURING CURRENT MONTH:</u> CONTINUED DESIGN EFFORTS.</p>
<p><u>WORK TO BE COMPLETED DURING NEXT MONTH:</u> COMPLETE DESIGN.</p>

PROJECT MANAGER: CATANESE

PHONE #: 455-8309

REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS **DATE PREPARED:** 07/30/92

REVIEW PERIOD FROM: JULY 1 **TO:** JULY 31

PROJECT: LAUGHLIN - HIKO SPRINGS

DESCRIPTION: DESIGN FACILITY ON HIKO SPRINGS TO CONTROL 100-YEAR FLOWS. FACILITIES INCLUDE DETENTION BASIN, CHANNEL, AND FIVE BRIDGES.

PERCENT COMPLETE: 4% **ESTIMATED COST OF PROJECT:** \$19,000,000.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN _____

R/W CLEARANCES _____

ENVIR CLEARANCES _____

BIDS OPEN _____

CONSTRUCTION START _____

CONSTRUCTION COMPLETE _____

CONSULTANT/PROJECT MANAGER: BOYLE ENG'G

CONSTRUCTION PRIME CONTRACTOR:

<u>DELAYS OR PROBLEMS AREAS:</u> SCHEDULE IS DEPENDENT ON SID FUNDING, LESS THAN 50% SUPPORT AT PRESENT
<u>WORK COMPLETED DURING CURRENT MONTH:</u> BEGAN TO SCHEDULE SID STEPS TO DETERMINE ACCEPTANCE LEVEL.
<u>WORK TO BE COMPLETED DURING NEXT MONTH:</u> CONTINUE TO SCHEDULE SID STEPS TO DETERMINE ACCEPTANCE LEVEL.

PROJECT MANAGER: BRANDT

PHONE #: 455-7707

**REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT**

ENTITY: CLARK COUNTY PUBLIC WORKS **DATE PREPARED:** 07/30/92

REVIEW PERIOD FROM: JULY 1 **TO:** JULY 31

PROJECT: MOAPA VALLEY - LOGAN WASH DIVERSION/CHANNEL AREA 1

DESCRIPTION: DESIGN DIVERSION OF LOGAN WASH INTO ANDERSON WASH TO REDUCE PEAK FLOWS.

PERCENT COMPLETE: 8% **ESTIMATED COST OF PROJECT:** \$690,000.00

SCHEDULE FOR COMPLETION:
(DATES)

DESIGN	<u>07/30/92</u>
R/W CLEARANCES	_____
ENVIR CLEARANCES	_____
BIDS OPEN	<u>08/27/92</u>
CONSTRUCTION START	<u>11/01/92</u>
CONSTRUCTION COMPLETE	<u>02/15/93</u>

CONSULTANT/PROJECT MANAGER: DAMES & MOORE

CONSTRUCTION PRIME CONTRACTOR:

<u>DELAYS OR PROBLEMS AREAS:</u>
<u>WORK COMPLETED DURING CURRENT MONTH:</u> RECEIVED BLM GRANT OF ROW ON 07/17/92.
<u>WORK TO BE COMPLETED DURING NEXT MONTH:</u> ADVERTISE ON 08/03/92. EXECUTE SUPPLEMENTAL AGREEMENT WITH DAMES & MOORE FOR ADDITIONAL DESIGN, SUPPLEMENTAL INTERLOCAL TO RFCD TECHNICAL ON 08/30/92. NEGOTIATE WITH CONSULTANT.

PROJECT MANAGER: REZABECK

PHONE #: 455-8303

**REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT**

ENTITY: CLARK COUNTY PUBLIC WORKS **DATE PREPARED:** 07/30/92

REVIEW PERIOD FROM: JULY 1 **TO:** JULY 31

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:

DELAYS OR PROBLEMS AREAS:
COST OF FACILITIES EXCEEDS BUDGETED AMOUNT. MASTER PLAN UPDATE PROPOSES ACQUIRING PROPERTY IN LIEU OF BUILDING FACILITIES.

WORK COMPLETED DURING CURRENT MONTH:

WORK TO BE COMPLETED DURING NEXT MONTH:
MEET WITH RFCD TO DISCUSS COURSE OF ACTION FOR THE RECOMMENDED MASTER PLAN FACILITIES.

PROJECT MANAGER: CATANESE

PHONE #: 455-8309

REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: CLARK COUNTY PUBLIC WORKS **DATE PREPARED:** 07/30/92

REVIEW PERIOD FROM: JULY 1 **TO:** JULY 31

PROJECT: LAUGHLIN - UNNAMED WASH

DESCRIPTION: DESIGN FACILITY ON THE UNAMED WASH TO CONTROL 100-YEAR STORM FLOWS. FACILITIES INCLUDE CHANNEL, SEDIMENT BASIN AND BRIDGE ON NEEDLES HWY.

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

<u>DESIGN</u>	<u>SCHEDULE FOR COMPLETION:</u> (DATES)
	<u>06/15/91</u>
<u>R/W CLEARANCES</u>	<u>12/20/91</u>
<u>ENVIR CLEARANCES</u>	<u>12/01/91</u>
<u>BIDS OPEN</u>	<u>10/09/92</u>
<u>CONSTRUCTION START</u>	<u>12/15/92</u>
<u>CONSTRUCTION COMPLETE</u>	<u>09/02/93</u>

CONSULTANT/PROJECT MANAGER: SIMONS, LI & ASSOCIATES

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS:
PROVISIONAL ORDER HEARING HELD 06-04-91--64% PROTEST. SECOND ATTEMPT AS SID.

WORK COMPLETED DURING CURRENT MONTH:
404 PERMIT APPPLICATION PENDING.

WORK TO BE COMPLETED DURING NEXT MONTH:
REVIEW FINAL PLANS AND SPECIFICATIONS. ADVERTISE 08/31/92. COE TO ESTABLISH MITIGATION NEEDS. SET DESIGN TO REPLACE ONE LEVEE PER PROPERTY OWNER REQUEST.

PROJECT MANAGER: BRANDT

PHONE #: 455-7707

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 07/31/92

REVIEW PERIOD FROM : 06/30/92 TO: 07/31/92

PROJECT: Buffalo Channel - Doe to Westcliff

DESCRIPTION: Box culvert improvements along Buffalo from Doe to Westcliff

PERCENT COMPLETE: 15 % ESTIMATED COST OF PROJECT: \$ 6,500,000
DESIGN RTC & CCRFCD

SCHEDULE FOR COMPLETION:
(dates)

DESIGN May - 1993

R/W CLEARANCE May - 1993

ENVIR CLEARANCES May - 1993

BIDS OPEN September - 1993

CONSTRUCTION START DATE October - 1993

CONSTRUCTION COMPLETE October - 1994

CONSULTANT/PROJECT MANAGER: VTN - Nevada/ Ken Gilbreth, PE

CONSTRUCTION PRIME CONTRACTOR: _____

DELAYS OR PROBLEMS AREA:

WORK COMPLETED DURING CURRENT MONTH:

Design work begun. Draft design report submitted and under review by CLV and CCRFCD.

WORK TO BE COMPLETED DURING NEXT MONTH:

30% design submittal due.

PROJECT MANAGER: Dave Nathan

PHONE #: 229-6276

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Las Vegas DATE PREPARED: 07/31/92
REVIEW PERIOD FROM : 06/30/92 TO: 07/31/92

PROJECT: Buffalo Channel (Summerlin to Vegas)
DESCRIPTION: Channel or Box Culvert Improvements along the Pioneer Alignment from Summerlin Parkway to Vegas Drive.

PERCENT COMPLETE: 90 % ESTIMATED COST OF PROJECT: \$2,100,000
DESIGN

SCHEDULE FOR COMPLETION: (dates)

DESIGN August - 92
R/W CLEARANCE Complete
ENVIR CLEARANCES Complete
BIDS OPEN October - 92
CONSTRUCTION START DATE November - 92
CONSTRUCTION COMPLETE April - 93

CONSULTANT/PROJECT MANAGER: VTN - Nevada/ Ken Gilbreth, PE
CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:

WORK COMPLETED DURING CURRENT MONTH: (Design Phase)

90% design submitted for review. Project presented to TAC and construction funding approved by TAC, July 30, 1992.

WORK TO BE COMPLETED DURING NEXT MONTH:

Complete design and obtain signatures.

PROJECT MANAGER: Dave Nathan, PE PHONE #: 229-6272

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 07/31/92

REVIEW PERIOD FROM : 06/30/92 TO: 07/31/92

PROJECT: Buffalo Channel (Westcliff to Summerlin)

DESCRIPTION: Oversizing of RTC Project (Buffalo Interchange)

PERCENT COMPLETE: 15 % ESTIMATED COST OF PROJECT: \$ 486,282
CONSTRUCTION CCRFCD PORTION ONLY

SCHEDULE FOR COMPLETION:
(dates)

DESIGN Complete

R/W CLEARANCE Complete

ENVIR CLEARANCES Complete

BIDS OPEN March - 92

CONSTRUCTION START DATE June - 92

CONSTRUCTION COMPLETE May - 93

CONSULTANT/PROJECT MANAGER: GB&L/ George Brizendine, PE

CONSTRUCTION PRIME CONTRACTOR: Max Riggs Construction

DELAYS OR PROBLEMS AREA:

WORK COMPLETED DURING CURRENT MONTH:

Excavated for the box culvert and began placing concrete.

WORK TO BE COMPLETED DURING NEXT MONTH:

The box culvert crossing at Westcliff is scheduled for August 14 through the 17. Complete the excavation for the box culvert and continue with the placing of concrete.

PROJECT MANAGER: Brian Walsh, PE

PHONE #: 229-6736

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 07/29/92

REVIEW PERIOD FROM : 06/30/92 TO: 07/29/92

PROJECT: CLVV-4 (Phase II)

DESCRIPTION: Carey-Lake Mead Detention Basin at North Las Vegas Airport

PERCENT COMPLETE: 93 % ESTIMATED COST OF PROJECT: \$4,000,000
CONSTRUCTION

SCHEDULE FOR COMPLETION:
(dates)

DESIGN April - 1991

R/W CLEARANCE May - 1991

ENVIR CLEARANCES January - 1991

BIDS OPEN September - 1991

CONSTRUCTION START DATE November - 91

CONSTRUCTION COMPLETE August - 92

CONSULTANT/PROJECT MANAGER: VTN - Nevada/Ken Gilbreth, PE

CONSTRUCTION PRIME CONTRACTOR: Meadow Valley Contractors

DELAYS OR PROBLEMS AREA:

- The contractor has not completed on schedule, liquidated damages started July 3, 1992.

WORK COMPLETED DURING CURRENT MONTH:

Detour road has been removed and traffic is back on Carey Avenue.
All riprap is in place on the outlets.
Removed 20,000 cubic yards of excavated material from the Detention Basin.

WORK TO BE COMPLETED DURING NEXT MONTH:

Finish removing excavated material from the Detention Basin (approx. 20,000 cubic yards). Finish the chain link fence and remove the temporary fence.

PROJECT MANAGER: Joe Christensen, PE

PHONE #: 229-2212

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 07/31/92

REVIEW PERIOD FROM : 06/30/92 TO: 07/31/92

PROJECT: CLVV-3 Gowan North and South Detention Basins

DESCRIPTION: Construction of detention basins and 72-inch connector pipe.

PERCENT COMPLETE: 2 % ESTIMATED COST OF PROJECT: \$6,300,000
CONSTRUCTION

SCHEDULE FOR COMPLETION:
(dates)

DESIGN Complete

R/W CLEARANCE Complete

ENVIR CLEARANCES Complete

BIDS OPEN June - 92

CONSTRUCTION START DATE July - 92

CONSTRUCTION COMPLETE July - 93

CONSULTANT/PROJECT MANAGER: Poggemeyer Design Group/Larry Carroll

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:

WORK COMPLETED DURING CURRENT MONTH:

72-inch pipe along Tenaya from Cheyenne to Atwood.

WORK TO BE COMPLETED DURING NEXT MONTH:

Begin excavation.

PROJECT MANAGER: Thomas D. Chiatovich, PE

PHONE #: 229-6276

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Las Vegas DATE PREPARED: 07/31/92

REVIEW PERIOD FROM : 06/30/92 TO: 07/31/92

PROJECT: CLVV-3

DESCRIPTION: Gowan Detention Basin Outfall

PERCENT COMPLETE: 43 % ESTIMATED COST OF PROJECT: \$4,400,000
CONSTRUCTION

SCHEDULE FOR COMPLETION: (dates)

DESIGN Complete

R/W CLEARANCE Complete

ENVIR CLEARANCES None Needed

BIDS OPEN January - 92

CONSTRUCTION START DATE April - 92

CONSTRUCTION COMPLETE January - 93

CONSULTANT/PROJECT MANAGER: Poggemeyer Design Group/Larry Carroll

CONSTRUCTION PRIME CONTRACTOR: Las Vegas Paving

DELAYS OR PROBLEMS AREA:

WORK COMPLETED DURING CURRENT MONTH:

608-feet of RCB. Relocated 6-inch water mains at Corona Del Mar, Bronco and Maverick. Drop inlets at Beeson, Water Hole, and Bradley are complete. Drop inlets at Rancho Mirrowmar and Corona Del Mar are under construction.

WORK TO BE COMPLETED DURING NEXT MONTH:

Continue 8' X 5' RCB placement.

PROJECT MANAGER: Thomas D. Chiatovich, PE

PHONE #: 229-6276

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Las Vegas DATE PREPARED: 07/31/92

REVIEW PERIOD FROM : 06/30/92 TO: 07/31/92

PROJECT: CLVV - 5

DESCRIPTION: Oakey Boulevard Detention and Conveyance

PERCENT COMPLETE: 99 % ESTIMATED COST OF PROJECT: \$12,000,000
DESIGN

SCHEDULE FOR COMPLETION:
(dates)

DESIGN June - 92

R/W CLEARANCE Alignment being acquired

ENVIR CLEARANCES Under Review

BIDS OPEN November - 92 *

CONSTRUCTION START DATE December - 92 *

CONSTRUCTION COMPLETE September - 93 *

CONSULTANT/PROJECT MANAGER: Boyle Engineering Corp./Gerald Moleton, PE

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:

* Section 14 modified Environmental Impact Statement was sent to the BLM on June 15, 1992. BLM requested additional information on Earthquake impacts on the Detention Basin. Earthquake information was provided. The project will be bid as soon as BLM approval is obtained.

WORK COMPLETED DURING CURRENT MONTH:

Boyle Engineering has been updating the Bid Documents to include conditions from the residence of the area and the City Council. Haul roads and the locations to place the fill on the Community Collage property have been discussed and approved.

WORK TO BE COMPLETED DURING NEXT MONTH:

Complete supplemental agreement for Professional Services to include Construction Administration by Boyle Engineering.

PROJECT MANAGER: Joe Christensen, PE

PHONE #: 229-6272

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Las Vegas DATE PREPARED: 07/31/92

REVIEW PERIOD FROM : 06/30/92 TO: 07/31/92

PROJECT: Rampart Storm Drain

DESCRIPTION: Oversizing of the RTC Rampart Storm Drain System

PERCENT COMPLETE: 10 % ESTIMATED COST OF PROJECT: \$ 9,300,000
DESIGN

SCHEDULE FOR COMPLETION:
(dates)

DESIGN May - 1993

R/W CLEARANCE May - 1993

ENVIR CLEARANCES May - 1993

BIDS OPEN August - 1993

CONSTRUCTION START DATE September - 1993

CONSTRUCTION COMPLETE November - 1994

CONSULTANT/PROJECT MANAGER: G.C. Wallace/ Scott Plummer, PE

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREA:

WORK COMPLETED DURING CURRENT MONTH:

Design has begun, aerial mapping and topography complete.

WORK TO BE COMPLETED DURING NEXT MONTH:

Design report due August

PROJECT MANAGER: Joe Christensen, PE

PHONE #: 229-6272

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 07/31/92

REVIEW PERIOD FROM : 06/30/92 TO: 07/31/92

PROJECT: Washington Avenue System (from Virgil Street to Lena Street)

DESCRIPTION: Triple 12' X 8' RCB

PERCENT COMPLETE: 95 % ESTIMATED COST OF PROJECT: \$2,437,000
DESIGN

SCHEDULE FOR COMPLETION:
(dates)

DESIGN August- 92

R/W CLEARANCE Complete

ENVIR CLEARANCES Complete

BIDS OPEN Not Scheduled *

CONSTRUCTION START DATE Not Scheduled *

CONSTRUCTION COMPLETE Not Scheduled *

CONSULTANT/PROJECT MANAGER: MEA/Laurnal Gubler, PE

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:

* Construction depends on future funding.

WORK COMPLETED DURING CURRENT MONTH:

90% Submittal was reviewed by the CLV and returned to MEA.

WORK TO BE COMPLETED DURING NEXT MONTH:

100% submittal

PROJECT MANAGER: Joe Christensen, PE

PHONE #: 229-6272

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Las Vegas DATE PREPARED: 07/31/92

REVIEW PERIOD FROM : 06/30/92 TO: 07/31/92

PROJECT: Washington Avenue System / Sandhill Outlet

DESCRIPTION: Triple 12' X 8' RCB from the Las Vegas Wash to Washington Avenue.

PERCENT COMPLETE: 95 % ESTIMATED COST OF PROJECT: \$1,700,000
CONSTRUCTION

SCHEDULE FOR COMPLETION:
(dates)

DESIGN Complete

R/W CLEARANCE Complete

ENVIR CLEARANCES Complete

BIDS OPEN January - 92

CONSTRUCTION START DATE March - 92

CONSTRUCTION COMPLETE August - 92

CONSULTANT/PROJECT MANAGER: MEA/Laurnal Gubler, PE

CONSTRUCTION PRIME CONTRACTOR: J. A. Tiberti Construction

DELAYS OR PROBLEMS AREA:

WORK COMPLETED DURING CURRENT MONTH:

Finished outlet structure and the temporary inlet structure.
Finished placement of triple 12' X 8' RCB.
Reno Mattress and riprap 90% complete.

WORK TO BE COMPLETED DURING NEXT MONTH:

Final cleanup. Raise manholes and valve boxes.
Finish placing pavement.

PROJECT MANAGER: Joe Christensen, PE

PHONE #: 229-6272

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 07/31/92

REVIEW PERIOD FROM : 06/30/92 TO: 07/31/92

PROJECT: Washington Avenue System (from Sandhill to Virgil)

DESCRIPTION: Triple 12' X 8' RCB

PERCENT COMPLETE: 99 % ESTIMATED COST OF PROJECT: \$2,437,000
DESIGN

SCHEDULE FOR COMPLETION:
(dates)

DESIGN May - 92

R/W CLEARANCE Complete

ENVIR CLEARANCES Complete

BIDS OPEN Not Scheduled *

CONSTRUCTION START DATE Not Scheduled *

CONSTRUCTION COMPLETE Not Scheduled *

CONSULTANT/PROJECT MANAGER: MEA/Laurnal Gubler, PE

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:

* Funding depends on BLM approval of section 14 Environmental Impact Statement for the Oakey Detention Basin.

WORK COMPLETED DURING CURRENT MONTH:

Review of final bid documents.

WORK TO BE COMPLETED DURING NEXT MONTH:

Bid project as soon as BLM accepts EIS for Oakey Detention Basin (see delays above). Complete supplemental agreement #2 for professional services for construction administration by MEA.

PROJECT MANAGER: Joe Christensen, PE

PHONE #: 229-6272

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: Boulder City DATE PREPARED: 8/04/92
REVIEW PERIOD FROM: July 1 - July 31, 1992

PROJECT: Hemenway Valley Flood Control

DESCRIPTION: Wide shallow flood plain with control low flow channel and stabilized bank, detention basins, debris basins, outlet works, pipes, channel, dikes, culverts, & other appurtenances.

PERCENT COMPLETE 65% ESTIMATED COST OF PROJECT: \$5,666,000.00

SCHEDULE OF COMPLETION:
(dates)

DESIGN Sep-91
R/W CLEARANCES N/A
ENVIR CLEARANCES N/A
BIDS OPEN Oct-91
START CONSTRUCTION Jan-92
CONSTRUCTION COMPLETE Jan-93

CONSULTANT/PROJECT MANAGER: Coe & Van Loo, Paul Hoskins

CONSTRUCTION PRIME CONTRACTOR: Max Riggs Construction Co.

DELAYS OR PROBLEMS AREAS:	
WORK TO BE COMPLETED DURING CURRENT MONTH:	Channel grading & concrete channel construction from Lk Mountain Drive to Pacifica Way. Grading & concrete on bike path from Colorado Street to U.S. 93 crossing. Complete box culvert concrete.
WORK TO BE COMPLETED DURING NEXT MONTH:	Complete concrete channel bottom & sideslope of Hemenway channel, grade upper Trailhead Channel.

PROJECT MANAGER: Phillip T. Henry PHONE 293-9200

8/4/92
Post-It brand fax transmittal memo 7671 # of pages 1

From	Phil Henry
To	Cathy Razor
Co.	CCRFCO
Phone #	293-9200
Fax #	293-9241
Dept.	455-3870

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY City of Henderson

DATE August 4, 1992

REVIEW PERIOD:

FROM: June 30, 1992 TO: July 31, 1992

PROJECT: C-1 Channel System Design

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

PERCENT COMPLETE: 25 %

ESTIMATED COST OF PROJECT: \$600,000

SCHEDULE FOR COMPLETION: (dates)

DESIGN	<u>March, 1993</u>
R/W CLEARANCES	<u>December, 1992</u>
ENVIR CLEARANCES	<u>December, 1992</u>
BIDS OPEN	<u>April, 1993</u>
START CONSTRUCTION	<u>May, 1993</u>
CONSTRUCTION COMPLETE	<u>November, 1993</u>

CONSULTANT/PROJECT MANAGER: VTN/Ken Gilbreth

CONSTRUCTION PRIME CONTRACTOR: None

DELAYS OR PROBLEM AREAS:

None.

WORK COMPLETED DURING CURRENT MONTH:

Pre-design report completed and submitted for review.

WORK TO BE COMPLETED DURING NEXT MONTH:

Finalize pre-design report, hold public meeting, and begin design.

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 August 4, 1992

REVIEW PERIOD:

FROM: June 30, 1992 TO: July 31, 1992

PROJECT: Pittman Wash Channel Phase III

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

PERCENT COMPLETE: 75 %

ESTIMATED COST OF PROJECT: \$3,800,000

SCHEDULE FOR COMPLETION:
(dates)

DESIGN	<u>July 1992</u>
R/W CLEARANCES	<u>July 1992</u>
ENVIR CLEARANCES	<u>August 1992</u>
BIDS OPEN	<u>Indefinite</u>
START CONSTRUCTION	<u>Indefinite</u>
CONSTRUCTION COMPLETE	<u>Indefinite</u>

CONSULTANT/PROJECT MANAGER: Poggemeyer/Larry Carroll

CONSTRUCTION PRIME CONTRACTOR: None

DELAYS OR PROBLEM AREAS:

Construction will be deferred until right-of-way issues can be resolved.

WORK COMPLETED DURING CURRENT MONTH:

Meetings held with CCRFCD and Clark County to determine appropriate action.

WORK TO BE COMPLETED DURING NEXT MONTH:

Design drawings to be completed.

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 August 4, 1992

REVIEW PERIOD:

FROM: June 30, 1992 TO: July 31, 1992

PROJECT: Sunset Detention Basin - Predesign and Land Acquisition

DESCRIPTION: Pre-design of G52AF detention basin, inlet, and outlet and acquisition of needed right-of-way.

PERCENT COMPLETE: 0 %

ESTIMATED COST OF PROJECT: \$1,385,000

SCHEDULE FOR COMPLETION:
(dates)

DESIGN	<u>June, 1993</u>
R/W CLEARANCES	<u>September, 1993</u>
ENVIR CLEARANCES	<u>Undetermined</u>
BIDS OPEN	<u>Undetermined</u>
START CONSTRUCTION	<u>Undetermined</u>
CONSTRUCTION COMPLETE	<u>Undetermined</u>

CONSULTANT/PROJECT MANAGER: None

CONSTRUCTION PRIME CONTRACTOR: None

DELAYS OR PROBLEM AREAS:

None

WORK COMPLETED DURING CURRENT MONTH:

Interlocal Contract approved. Preparation of RFQ's completed.

WORK TO BE COMPLETED DURING NEXT MONTH:

Select firm to prepare predesign.

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 August 4, 1992

REVIEW PERIOD:

FROM: June 30, 1992 TO: July 31, 1992

PROJECT: UPRR Channel

DESCRIPTION: Design of concrete-lined channel approximately 3 miles long from Pecos Road to Pittman Wash in UPRR right of way.

PERCENT COMPLETE: 12 % ESTIMATED COST OF PROJECT: \$2,300,000.00

SCHEDULE FOR COMPLETION: (dates)

DESIGN	<u>Complete</u>
R/W CLEARANCES	<u>Complete</u>
ENVIR CLEARANCES	<u>Complete</u>
BIDS OPEN	<u>Complete</u>
START CONSTRUCTION	<u>June, 1992</u>
CONSTRUCTION COMPLETE	<u>December, 1992</u>

CONSULTANT/PROJECT MANAGER: G. C. WALLACE/Calvin Black

CONSTRUCTION PRIME CONTRACTOR: Max Riggs Construction

DELAYS OR PROBLEM AREAS:
None.

WORK COMPLETED DURING CURRENT MONTH:
Construction began with excavation of channel.

WORK TO BE COMPLETED DURING NEXT MONTH:
Obtain encroachment permit from UPRR for pipeline and continue channel construction.

PROJECT MANAGER: Curt Chandler PHONE # 565-2329

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REGIONAL FLOOD CONTROL DISTRICT PROJECT STATUS REPORT

ENTITY: City of Mesquite DATE PREPARED: 8/5/92

REVIEW PERIOD FROM: 6/30/92 TO: 8/4/92

PROJECT: TOWN WASH DETENTION BASIN

DESCRIPTION: Roller compacted concrete dam across Town Wash
above Mesquite city limits.

PERCENT COMPLETE: 100 % ESTIMATED COST OF PROJECT: \$ 4,794,504.00

SCHEDULE FOR COMPLETION: (dates)

DESIGN Complete

R/W CLEARANCES Complete

ENVIR CLEARANCES Complete

BIDS OPEN Complete


START CONSTRUCTION Complete

CONSTRUCTION COMPLETE Complete

CONSULTANT/PROJECT MANAGER: CH2M Hill Engineering

CONSTRUCTION PRIME CONTRACTOR: Progressive Contracting, Inc.

<p>DELAYS OR PROBLEMS AREAS:</p> <p style="text-align: center;">None</p>
<p>WORK COMPLETED DURING CURRENT MONTH:</p> <p style="text-align: center;">JOB COMPLETE</p>
<p>WORK TO BE COMPLETED DURING NEXT MONTH:</p> <p style="text-align: center;">JOB COMPLETE</p>

PROJECT MANAGER: 
Present Hardv/Director/Public Works

PHONE #: 346-5295
FORM -psr 10/26/90

REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of North Las Vegas DATE PREPARED: 07/31/92

REVIEW PERIOD FROM: 07/01/92 TO: 07/31/92

PROJECT: Gowan Outfall Structure

DESCRIPTION: Construction of the outfall structure for the Gowan Road
Detention Basin system

PERCENT COMPLETE: 99% ESTIMATED COST OF PROJECT: \$ 11,576,000 construction
1,153,000 eng. & adm.
12,729,000

SCHEDULE FOR COMPLETION:
(dates)

DESIGN Complete
R/W CLEARANCES Complete
ENVIR CLEARANCES Complete
BIDS OPEN Complete
START CONSTRUCTION April 1991
CONSTRUCTION COMPLETE August 1992

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

CONSTRUCTION PRIME CONTRACTOR: Las Vegas Paving Corporation

DELAYS OR PROBLEM AREAS:

WORK COMPLETED DURING CURRENT MONTH:

Construction in progress, on schedule.

WORK TO BE COMPLETED DURING NEXT MONTH:

Construction is substantially complete. Note: See also
"Western Tributary to the Las Vegas Wash", AKA Stimson
Channel.

PROJECT MANAGER: Jerry Stegeman PHONE #: 649-0261
by: Gil Gilpin

REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of North Las Vegas DATE PREPARED: 07/31/92

REVIEW PERIOD FROM: 07/01/92 TO: 07/31/92

PROJECT: Western Tributary to the Las Vegas Wash

DESCRIPTION: Lined channel between Commerce Street and Lone Mountain Road, and channel entrance protection-AKA Stimson Channel

PERCENT COMPLETE: 25 % 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 August 1992

CONSTRUCTION COMPLETE October 1992

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

CONSTRUCTION PRIME CONTRACTOR: Las Vegas Paving Corporation

DELAYS OR PROBLEM AREAS:

- Difficulties in coordination of plans prepared by two different designers and conflict in interpretation of plan details.
- Newly discovered ground fissures

WORK COMPLETED DURING CURRENT MONTH:

No construction work performed.

WORK TO BE COMPLETED DURING NEXT MONTH:

Reconcile all outstanding conflicts, if any. Re-start construction work. Due to difficulty in reconciling issues and ground fissures, project may fall behind schedule up to 4 wks.

PROJECT MANAGER: By: Gil Gilpin PHONE #: 399-5156

REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of North Las Vegas DATE PREPARED: 07/31/92

REVIEW PERIOD FROM: 07/01/92 TO: 07/31/92

PROJECT: Kyle Canyon Detention Basin

DESCRIPTION: Design and prepare plans and specifications for detention basin and collection dikes

PERCENT COMPLETE: 55% ESTIMATED COST OF PROJECT: \$ 510,000 design phase
11,000,000 construction

SCHEDULE FOR COMPLETION:
(dates)

DESIGN September 1992
R/W CLEARANCES November 1992
ENVIR CLEARANCES November 1992
BIDS OPEN September 1993
START CONSTRUCTION November 1993
CONSTRUCTION COMPLETE November 1994

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

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEM AREAS:

WORK COMPLETED DURING CURRENT MONTH:

Fix volume and configuration: 90% complete
Geotechnical field and lab work: 100% complete
Soils, stability and related report: 100% complete
Outlet structure design: 25% complete
Filed B.L.M. application for R.O.W.
Complied with EIS, Section 14.
Project is on schedule.

WORK TO BE COMPLETED DURING NEXT MONTH:

-Complete basin configuration, geotechnical report and outlet structure design
-Complete 70% plan preparation

PROJECT MANAGER: By: Gil Gilpin PHONE #: 399-5156

REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of North Las Vegas DATE PREPARED: 07/31/92
REVIEW PERIOD FROM: 07/01/92 TO: 07/31/92
PROJECT: Upper Las Vegas Wash Detention Basin
DESCRIPTION: Construct detention basin and associated facilities in
the vicinity of Floyd Lamb State Park
PERCENT COMPLETE: 12 % ESTIMATED COST OF PROJECT: \$ 8,800,000

SCHEDULE FOR COMPLETION:
(dates)

DESIGN May 1991
R/W CLEARANCES November 1991
ENVIR CLEARANCES November 1991
BIDS OPEN March 1992
START CONSTRUCTION May 1992
CONSTRUCTION COMPLETE July 1993

CONSULTANT/PROJECT MANAGER: Black and Veatch/City of North Las Vegas
CONSTRUCTION PRIME CONTRACTOR: Granite Construction Company

DELAYS OR PROBLEM AREAS:

- Continued damage to tortoise fence by recreation vehicles, daily.
- Necessary for contractor to remove one slab 18'x30'x18" thick slab of R.C.B. due to defective P.C.C.-2 day slip in progress.

WORK COMPLETED DURING CURRENT MONTH:

- 30% R.C.B. culvert.
- Began: Pre-wet operation. Paleontological survey of cutoff trench. Crushing and screening operation for R.C.C. face protection of south leg.
- 50% completed of: Excavate south leg cutoff trench. Install drainage blanket.
- Project is on schedule.

WORK TO BE COMPLETED DURING NEXT MONTH:

- Complete above work items.
- 75% of south leg embankment.
- Begin interception channel excavation.

PROJECT MANAGER: By: Gil Gilpin PHONE #: 399-5156

REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT

ENTITY: City of North Las Vegas DATE PREPARED: 07/31/92

REVIEW PERIOD FROM: 07/01/92 TO: 07/31/92

PROJECT: West Range Wash Diversion Dike

DESCRIPTION: Design and prepare plans and specifications for 5-1/2 mile long dike and appurtenances

PERCENT COMPLETE: 96% ESTIMATED COST OF PROJECT: \$ 350,000 design phase

SCHEDULE FOR COMPLETION:
(dates)

DESIGN May 1992
R/W CLEARANCES August 1992
ENVIR CLEARANCES June 1992
BIDS OPEN October 1992
START CONSTRUCTION December 1992
CONSTRUCTION COMPLETE August 1993

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

CONSTRUCTION PRIME CONTRACTOR: _____

DELAYS OR PROBLEM AREAS:

BLM staff hesitates to issue a lease/permit until resolution of outstanding mining claim.

WORK COMPLETED DURING CURRENT MONTH:

Completed plans and specifications.

WORK TO BE COMPLETED DURING NEXT MONTH:

Reconcile BLM staff hesitancy to issue lease/permit and obtain lease/permit.

PROJECT MANAGER: By: Gil Gilpin PHONE #: 399-5156

**REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT**

ENTITY: CLARK COUNTY PUBLIC WORKS **DATE PREPARED:** 07/30/92

REVIEW PERIOD FROM: JULY 1 **TO:** JULY 31

PROJECT: LAUGHLIN - HIKO SPRINGS BRIDGE CANYON FEMA REMAPPING

DESCRIPTION: ESA FOR LOMA

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: BOYLE ENG. CO.

CONSTRUCTION PRIME CONTRACTOR:

DELAYS OR PROBLEMS AREAS:
RFCD REVIEW REQUIRED BEFORE BCC APPROVAL NECESSITATED START DELAY.

WORK COMPLETED DURING CURRENT MONTH:
CONTINUED GATHERING OF INFORMATION FOR FEMA TELE-CONFERENCE MEETING.

WORK TO BE COMPLETED DURING NEXT MONTH:
CONCLUDE GATHERING OF INFORMATION FOR FEMA TELE-CONFERENCE MEETING.

PROJECT MANAGER: BRANDT

PHONE #: 455-7707

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Las Vegas DATE PREPARED: 07/31/92
REVIEW PERIOD FROM : 06/30/92 TO: 07/31/92

PROJECT: CLV - 1 & 2
DESCRIPTION: Angel Park Outfall and Conveyance System to Gowan (includes Buffalo Channel)
PERCENT COMPLETE: 100 % ESTIMATED COST OF PROJECT: \$4,900,000
CONSTRUCTION

SCHEDULE FOR COMPLETION: (dates)

DESIGN Complete
R/W CLEARANCE Complete
ENVIR CLEARANCES Complete
BIDS OPEN Complete
CONSTRUCTION START DATE March - 91
CONSTRUCTION COMPLETE May - 92

CONSULTANT/PROJECT MANAGER: G. C. Wallace, Inc./Mike Dunning, PE
CONSTRUCTION PRIME CONTRACTOR: Meadow Valley Contractors

DELAYS OR PROBLEMS AREA:

- Final project payment and project closeout pending review/negotiations on claim for additional cost relative to Nevada Power Company delay and quantity adjustments.

WORK COMPLETED DURING CURRENT MONTH:

Negotiated settlement amount with the contractor for the Nevada Power delay, claim.

WORK TO BE COMPLETED DURING NEXT MONTH:

Pay only the retention amount and withhold the Nevada Power claim and final quantity adjustments until review with the Engineer. Seek reimbursement from Nevada Power.

PROJECT MANAGER: Thomas D. Chiatovich, PE PHONE #: 229-6276

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY: City of Las Vegas

DATE PREPARED: 07/31/92

REVIEW PERIOD FROM : 06/30/92 TO: 07/31/92

PROJECT: Gowan North Channel (Phase II Project)

DESCRIPTION: Channel to Intercept and Convey Flows from the Northwest into the
Gowan North Detention Basin

PERCENT COMPLETE: 99 % ESTIMATED COST OF PROJECT: \$7,490,000
PRE-DESIGN

SCHEDULE FOR COMPLETION:
(dates)

PRE-DESIGN June - 92

R/W CLEARANCE Unknown

ENVIR CLEARANCES Unknown

BIDS OPEN FY 97/98

CONSTRUCTION START DATE FY 97/98

CONSTRUCTION COMPLETE FY 97/98

CONSULTANT/PROJECT MANAGER: Church Engineering /Todd Kenner, PE

CONSTRUCTION PRIME CONTRACTOR: N/A

DELAYS OR PROBLEMS AREA:

Master Plan Amendment is planned.

WORK COMPLETED DURING CURRENT MONTH: (Predesign Phase)

Completed Final Predesign Report.

WORK TO BE COMPLETED DURING NEXT MONTH:

Review Final Report.

PROJECT MANAGER: Randy Fultz, PE

PHONE #: 229-6276

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

ENTITY City of Henderson

DATE August 4, 1992

REVIEW PERIOD:

FROM: June 30, 1992 TO: July 31, 1992

PROJECT: Pittman Wash Channel Phase II

DESCRIPTION: Concrete lined channel approximately 1 mile long with a capacity of 10,600 cfs. Extends from Sunset to Santiago.

PERCENT COMPLETE: 95 %

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

SCHEDULE FOR COMPLETION:
(dates)

DESIGN	<u>Completed</u>
R/W CLEARANCES	<u>Completed</u>
ENVIR CLEARANCES	<u>Completed</u>
BIDS OPEN	<u>Completed</u>
START CONSTRUCTION	<u>Completed</u>
CONSTRUCTION COMPLETE	<u>June, 1992</u>

CONSULTANT/PROJECT MANAGER: Black and Veatch/Steve Roberts

CONSTRUCTION PRIME CONTRACTOR: Frehner Construction

DELAYS OR PROBLEM AREAS:

None.

WORK COMPLETED DURING CURRENT MONTH:

Project essentially completed.

WORK TO BE COMPLETED DURING NEXT MONTH:

Complete fence and clean up punch list items.

PROJECT MANAGER: Curt Chandler PHONE # 565-2329

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**FLOOD AWARENESS & SAFETY STATUS
AS OF 7/31/92**

- Flood Awareness Week** RFCD Board declared week of May 10-16 as Flood Awareness Week. Letters went out to other entities requesting a like declaration or proclamation. Governor Bob Miller declared the same week for the entire state of Nevada.
- Entity Participation** All entities proclaimed the week of May 10-16, 1992 as Flood Awareness Week. Coordination was accomplished by RFCD staff. Clark County Personnel Dept. and the Las Vegas City Manager's Office agreed to publish an article in their employee newsletters. Clark County Public Works distributed flood awareness information and brochures at the Meadows Mall on May 29, 30 & 31.
- Billboard** Three messages are being used. DONREY began the first placement starting 4/25 (9 posters @ 25% showing). During May we will had a 16 poster showing (50%); June includes 24 posters @ 75%; July - 24 @ 75%; August - 24 @ 75%; Sept. 16 @ 50%. Work is being performed by MBD with Donrey as a subcontractor.
- Milk Cartons** One million milk cartons were printed and distributed in May as a donation by Anderson Dairy. Coordination was made by MBD.
- Newspaper Wrappers** Review Journal newspapers will be wrapped in bags printed with a flood safety message on rainy days. 160,000 will be distributed on each rainy day. The bag printer has had a delay in the shipment of the 2 million bags, originally scheduled for receipt in July. MBD now expects the bags to be available in early August. Work is being accomplished by MBD.
- Earth Fair** Saturday, April 25th @ Sunset Park. RFCD invited Red Cross, Metro Search & Rescue, and the Nat'l Weather Service to join RFCD in presenting the dangers of flash floods to about 35,000 attendees. RFCD distributed literature; showed video footage; and had a master plan, project illustrations and project models available. Clark County sent some flood insurance flyers for distribution. A banner was printed for the booth and for future use. Work was performed by RFCD staff.

Meadows Mall Booth MBD arranged with the Meadows Mall for a booth on Saturday, May 9. Rusty the Fox from the Fox 5 Kid's Club was present to hand out our coloring sheets. Regional Flood Control Staff manned the booth, and answered questions about flood control, in addition to distributing literature.

Information Fairs On Sunday, May 17th, RFCD participated at the Our Lady of Las Vegas Safety Fair arranged by the Knights of Columbus. Rusty the Fox assisted in the distribution of flood awareness materials by RFCD staff.

Red Rock Visitors Center On Saturday, August 22, the District will be giving a presentation to children ages 6-12 at the Red Rock Recreation Center. The National Weather Service and Rusty the Fox have also agreed to join forces in informing the children about the dangers of flash floods. The Bureau of Land Management is sending out press releases and will coordinate the event.

Community Visits The General Manager has teamed with Randy Oakes from Metro Search & Rescue in making visits to community groups such as Kiwanis, Optomists and Soroptomists to discuss the flood safety and the District's efforts.

Metro Police, Crime Prevention Bureau, has offered to utilize our flood safety video in their presentations to children's groups.

Fox 5 Kids Club The "Info-mercial" has been produced and is now on the air. "Info-mercials" will run 12 times per week each week through the six-month period of April-September. Rusty the Fox has been available for several of the visits to children. Fox 5 placed our flood awareness message on the front cover of the May edition of the Kids Club Newsletter. Fox 5 Kids Club, McDonalds and RFCD sponsored a coloring/maze contest. RFCD staff arranged to distribute 20,000 copies to schools, SafeKey programs, and the libraries. Fox 5 and MBD arranged for McDonald's to collect the completed forms. RFCD staff has discovered, through the school visits, that most of the young children are familiar with the flood safety messages which are played on the Fox 5 Kids Club.

Kids Video	Channel 10 broadcast the video to public schools over the closed circuit channel at end of April. Channel 10 notified the teachers about the broadcast through a flyer. RFCD sent a letter to each principal asking for their cooperation. RFCD responded to several requests for additional information and for additional copies of the tape. Work coordinated by RFCD staff.
Visits to Kids	RFCD visited about 15 schools, Safe Key Programs, libraries, and other groups over the '92 flood-prone period. CAC has been asked to participate and one CAC member volunteered to assist at two events.
Maze/Coloring Contest	Fox 5 Kids Club, McDonalds and RFCD sponsored a coloring/maze contest which includes flood safety information. RFCD staff arranged to distribute 20,000 copies through schools, SafeKey programs, The Lied Children's Museum and the libraries. Fox 5 and MBD arranged for McDonald's to collect the completed forms. The coloring and maze sheet was designed by MBD, with the cost of printing paid by the District. A winner was drawn from each of three age divisions: 4-6, 7-9, and 10-12. Laughlin residents Megan Schaefer (6), and Michael Ziegler (8), along with Natalie Ann Christensen (10) of Las Vegas received dinner for four at McDonald's and a family pass at Scandia Family Fun Center.
Las Vegas Sanitation Billings	Artwork and printing was completed for a two sided bill stuffer (one side-artwork, second side-flood safety info). Sanitation was sent the first 10,000 to go out in May billings. They will insert 10,000 per month after. Assisted by Dennis Moyer, Tom McCaffrey, Mario Garcia and Frank Pearce @ City in obtaining this distribution. Arrangements were made by RFCD staff.
County Sanitation	They have agreed to use a bill stuffer in their quarterly billings. Arrangements were made by RFCD staff.
Nevada Power	A flood safety message was included in Nevada Power's Community Events brochures which went out in July. The utility estimates a distribution of approximately 300,000. Arrangements were made by RFCD staff.
Brochures	An updated brochure has been completed and is being distributed. Design and printing accomplished by MBD.

Media Manual	An informational manual was made available and/or distributed to the major news agencies which provides data and definitions about floods, desert storms and the District. We have received positive comments from the media. Work was accomplished by RFCD staff.
Interview Scheduling	Letters went out to local interview programs and news directors about flood awareness week and inviting interviews with the Board members and General Manager. Numerous requests have resulted. Work by RFCD staff.
TV Paid	We received equivalent of 122-paid spots during Flood Awareness Week and the week preceding. An additional 122-free spots were committed over the next couple of months. MBD produced four spots: two 10-second, and two thirty-second, which can also be used in future years. Work by MBD.
Sky View Traffic	This includes radio spots on Sky View Traffic and includes sponsorship of 10-second public service announcements over 18 local radio stations, 2 am, 2 pm/ every other week for twenty-two weeks from mid-April to mid-September. The first broadcast started the morning of 4/13. In addition, MBD was able to secure some free TV traffic sponsorships on Channel 13 (2), Channel 8 (6), and Sky View Traffic. Chopper Tom also want add'l updates of flood event information which he'll broadcast. Work by MBD staff with updates to Chopper Tom by RFCD staff.
Electronic Message Boards	Americana Realty has agreed to place a message on their Board on Sahara near Jones in inclement weather. We will continue to approach others for time. Work by RFCD staff.
Radio PSA's	On days of flooding, messages are faxed to local radio and TV stations to ask them to air PSA's and information about road closures and other dangerous conditions. These notifications have also generated interview requests. The National Weather Service also notifies the news via API wire. Work by RFCD staff.
Science Fair	A convention will be held for the science teachers in the State of Nevada in November. We have made our intent known to the School District that we would like to have the opportunity to present a program for the teachers. Work to be accomplished by RFCD staff.

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

PROJECT DELAYS - SECOND QUARTER 1992

RECOMMENDATION SUMMARY

STAFF: Receive the reports and direct staff as deemed appropriate.

TECHNICAL COMMITTEE: Accept the reports.

CITIZENS COMMITTEE: Accept the reports.

**RFCD AGENDA
ITEM # 21
Date: 8/13/92**

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

PROJECT DELAYS - SECOND QUARTER 1992

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

THAT THE TECHNICAL ADVISORY COMMITTEE REVIEW AND DISCUSS THE ATTACHED LIST AND MAKE RECOMMENDATIONS FOR PRESENTATION TO THE BOARD.

FISCAL IMPACT:


None.

BACKGROUND:

The Board has requested a review of project delays on a quarterly basis. The attached spreadsheets record project delays during the quarterly period of March 31 to June 30, 1992. The information recorded has been gleaned from Project Status Reports submitted for the currently active projects and from communications between RFCD staff and the entities' staff.

It is recommended that the Technical Advisory Committee review the schedules and delays to ensure that all contributory delays have been accounted for prior to submission of the report to the Board of Directors.

Respectfully submitted,



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

CAC AGENDA ITEM # 8 Date: 8/3/92

TAC AGENDA ITEM # 10 Date: 7/30/92

RFCD AGENDA ITEM # 21 Date: 8/13/92
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Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 8/3/92

PROJECT DELAYS - SECOND QUARTER 1992

The Board has requested a review of project delays on a quarterly basis. The attached spreadsheets record project delays during the quarterly period of March 31 to June 30, 1992.

Staff Recommendation:

Receive the reports and direct staff as deemed appropriate.

Discussion By Technical Advisory Committee

**AGENDA
10 Date: 7/30/92**

The Technical Advisory Committee received the project delay report and indicated they would notify staff if they had any changes prior to the August 13, 1992 Board meeting.

Recommendation:

Accept the reports.

Discussion By Citizens Advisory Committee

**AGENDA
8 Date: 8/3/92**

The Citizens Advisory Committee discussed the possibility of including additional information in the reports, such as the impact of the delays on other projects and/or the estimated cost of the delay, if any. They suggested that the Policies and Procedures Manual be amended to require this information.

Recommendation:

Accept the reports.

PROJECT DELAY REPORT - 2nd QUARTER 1992

DELAYS

	Schedule as of date	Design Complete Date	Constr Start Date	Constr Complete Date	
CLARK COUNTY					
Duck Creek Bridges	3/31/92	08/92	11/92	04/93	1 month delay in completing predesign due to other priority work
	6/30/92	09/92	12/92	05/93	
Flamingo Wash Bridges @ Eastern	3/31/92			05/92	delay due to rain
	6/30/92			06/92	
Flamingo Wash Bridges @ Paradise & Palos Verde	3/31/92			04/92	delay due to utility conflicts and rain
	6/30/92			07/92	
Rawhide Channel Crossings	3/31/92	06/92	09/92	12/92	delay for coordination with Sanitation District
	6/30/92	06/92	10/92	03/93	
Van Buskirk Outfall	3/31/92			05/92	construction delay due to rain
	6/30/92			06/92	
Van Buskirk System Right-of- Way Acquisition	3/31/92	04/92			delay due to additional right-of-way needs
	6/30/92	11/92			
Winnick Ave. Improvements	3/31/92	06/92	09/92	03/93	delay due to coordination with Imperial Palace
	6/30/92	08/92	11/92	05/93	

PROJECT DELAY REPORT - 2nd QUARTER 1992

DELAYS

Schedule	Design	Constr	Constr
as of	Complete	Start	Complete
date	Date	Date	Date

CLARK COUNTY OUTLYING

Bunkerville Channel

3/31/92	01/92	05/92	11/92
6/30/92	01/92		

construction schedule deleted pending Town Advisory Board and environmental requirements

Goodsprings Flood Control Improvements

3/31/92	04/92	06/92	08/92
6/30/92	07/92	08/93	12/93

delay for environmental compliance requirements of Environmental Assessment

Hiko Springs Channel-Laughlin

3/31/92			
6/30/92			

schedule has been deleted pending reschedule of Improvement District funding

Logan Wash , Area #1

3/31/92	01/92	05/92	08/92
6/30/92	01/92		

construction schedule deleted pending environmental requirements

Logan Wash, Area #2

3/31/92	01/92	05/92	08/92
6/30/92	01/92	06/92	09/92

delay due to resolution of right-of-way issues

Muddy River West Levee-Moapa

3/31/92	04/92		
6/30/92	07/92		

design delayed for numerous right-of-way easements

Nelson Flood Control Improvements

3/31/92	On Hold		
6/30/92	On Hold		

delay due to consideration of Master Plan acquisition proposal

PROJECT DELAY REPORT - 2nd QUARTER 1992

DELAYS

Schedule	Design	Constr	Constr
as of	Complete	Start	Complete
date	Date	Date	Date

CLARK COUNTY OUTLYING
(continued)

Searchlight Flood Control Improvements	3/31/92	04/92	06/92	09/92	delay for environmental compliance requirements of Environmental Assessment
	6/30/92	07/92	09/93	12/93	

LAS VEGAS

Angel Park Outflow/Buffalo Channel	3/31/92			02/92	delays due to change orders
	6/30/92			05/92	
Gowan Detention Basin	3/31/92		05/92	05/93	construction start delayed to resolve quantities and trucking routes
	6/30/92		07/92	07/93	
Oakey Blvd. Detention Basin System	3/31/92	06/92	09/92	06/93	construction start delayed for Bureau of Land Management approval
	6/30/92	06/92	10/92	07/93	

HENDERSON

Pittman Wash Channel - Phase 2	3/31/92			05/92	delay due to storm damage
	6/30/92			06/92	

MESQUITE

Town Wash Detention Basin	3/31/92			05/92	construction delay extended for fencing, clean-up, punchlist items and final walkthrough
	6/30/92			07/92	

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT: FINANCIAL REPORTS
PETITIONER: VIRGINIA BAX-VALENTINE, P.E., GENERAL MANAGER/CHIEF ENGINEER
RECOMMENDATION OF PETITIONER: THAT THE BOARD ACCEPT THE REPORTS

FISCAL IMPACT: None.

BACKGROUND: The following Financial Reports for the Month of June 1992, are submitted for your review:

<u>Section</u>	<u>Description</u>	<u>Page(s)</u>
A	Fund 286:	1-7
	Fund Balance Report	1a-b
	Sales Tax Revenue Report	2
	Monthly Expenditure Report	3-4
	Open Purchase Orders	5
	ILA Approved - Not yet signed & funded	6
	Accounts Payable	7
B	Fund 330: Fund Balance Report	8
C	Fund 443:	9-38
	Fund Balance Report	9
	Monthly Expenditure Report	10-11
	ILA Approved - Not yet signed & funded	12
	Accounts Payable	12
	Project Expense/ILA Balance Report	14-24
	Project Expense Summary	25-34
	Work Maintenance Program Report	35-36
	Pay-As-You-Go Funds	37-38
	D	Fund 444:
Fund Balance Report		39
Monthly Expenditure Report		40
Accounts Payable		41
Project Expense/ILA Balance Report		42-44
E	Bond Projects Funding Status Report	45
E	Funding Request & Priorities Report/Sum	45a-e

Respectfully submitted,



Dennis L. Johnson
Manager, Business & Finance

TAC AGENDA ITEM # 11 Date: 7/30/92	RFCD AGENDA ITEM # 22 Date: 8/13/92
CAC AGENDA ITEM # 9 Date: 8/3/92	

FUND 286 - FUND BALANCE REPORT
 REGIONAL FLOOD CONTROL DISTRICT
 JUNE 1992

BEGINNING FUND BALANCE

AB 494 Funds (Incl Cum Interest) 75,508
 Unused Tax Revenues 11,276,253

TOTAL BALANCE 11,351,761

REVENUES:

Sales Tax 1,792,920
 Interest Earned 245,098
 Sale of Materials 560
 Other 0

TOTAL REVENUES 2,038,577

EXPENSES:

Salaries & Benefits (57,392)
 Supplies & Services (8,257)
 Professional Services (98,380)
 Capital Expenditures (12,234)
 Transfer from Fund 443 1,107,625

TOTAL EXPENSES 931,362

ENDING FUND BALANCE (FUND 286) 14,321,700

OBLIGATIONS AGAINST FUND BALANCE:

P.O. Balances - Prof Serv and Operating Costs (906,699)
 ILA's Approved-funds not yet transfered to Fund 443 (3,828,572)
 Bond Fund 330 - Principal & Interest Accrual (3,784,865)
 Accounts Payable (17,871)

TOTAL FUND OBLIGATIONS (8,538,007)

FUNDS AVAILABLE FOR COMMITMENT 5,783,693

CURRENT FUNDING REQUESTS

PROJECT	SCOPE	FISCAL IMPACT
CLAO3D91	VAN BUSKIRK	(200,000)
NLV01B87	LAS VEGAS WASH (CRAIG-CIVIC CENTER)	(60,000)
LAS.PENDING	ALTA STORM DRAIN	(954,800)
(SEE PAGE 1b)	PROJECT CLOSE-OUT REFUND TO FUND 286	228,877

TOTAL REQUESTS FOR FUNDING (985,923)

BALANCE 4,797,770

FILE: FINRPTS\FUND286\FUNDBAL

PROJECT CLOSE OUTS
TRANSFER OF FUNDS FROM FUND 443 TO FUND 286
JUNE 1992

PROJECT	DESCRIPTION	FISCAL IMPACT
LAS.04.C.91	OAKY BLVD DETENTION & CONVEYANCE AT DECATUR CROSSING	0.00
HEN.02.A.89	GREEN VALLEY PARKWAY BRIDGE	152,486.22
BOU.02.A.88	GEORGIA AVE CHANNEL	9,409.77
MWP-CLA	MAINTENANCE WORK PLAN FY 90-91	41,799.49
CLA.02.B.90	RAWHIDE CHANNEL EASTERN AVE DRAINAGE STRUCTURE	0.00
CLA.04.B.89	FLAMINGO WASH BRIDGE AT ARVILLE	25,181.39
		228,876.87
		=====

SALES TAX REVENUE REPORT
 REGIONAL FLOOD CONTROL DISTRICT
 FISCAL YEAR 1991/1992

MONTH SALES TAX RECEIVED	1/4 CENT SALES TAX ESTIMATE	SALES TAX REVENUES	DIFFERENCE OVER/(UNDER) FROM ESTIMATE	CUM REVENUE FY 91/92
AUGUST	1,728,008	1,839,576	111,568	1,839,576
SEPTEMBER	1,728,008	1,787,180	59,172	3,626,756
OCTOBER	1,728,008	1,809,061	81,053	5,435,817
NOVEMBER	1,944,009	1,824,845	(119,165)	7,260,662
DECEMBER	1,728,008	1,765,512	37,504	9,026,174
JANUARY	1,728,008	1,812,523	84,515	10,838,697
FEBRUARY	2,160,010	2,006,032	(153,978)	12,844,729
MARCH	1,512,007	1,658,301	146,294	14,503,030
APRIL	1,512,007	1,622,613	110,606	16,125,643
MAY	1,944,009	1,860,622	(83,387)	17,986,265
JUNE	1,944,009	1,792,920	(151,089)	19,779,185
JULY	1,944,009			
TOTAL:	21,600,100	19,779,185	123,094	19,779,185

FILE: FINRPTS\FUND286\SALESTAX

MONTHLY EXPENDITURE REPORT
 REGIONAL FLOOD CONTROL DISTRICT
 FUND 286
 MONTH ENDING JUNE 1992

PROCESS DATE	VENDOR NAME	P.O. NUMBER	EXPENSE CLASS	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT
SALARIES & BENEFITS:						
JUNE 92	RFGD EMPLOYEES		SALARIES	5000		43,326.18
JUNE 92	RFGD EMPLOYEES		BENEFITS	6000		14,065.86
TOTAL						57,392.04
SUPPLIES & SERVICES:						
06.16.92	DESERT DECOR	21173	7010	14785	06.10.92	13.90
06.16.92	A.C HOUSTON	3550	7030		06.05.92	(27.93)
06.16.92	CC TREASURER	3550	7030	42955	06.09.92	866.60
06.08.92	CC TREASURER	3550	7110	41826	06.02.92	700.24
06.02.92	CLARK PLACE	24463	7120	060192	06.01.92	660.00
06.16.92	CC TREASURER	3550	7130	43051	06.09.92	643.00
06.16.92	INVOICE ADJUSTMENT	3550	7140		06.05.92	(64.64)
06.16.92	NATIONAL WEATHER SERVICE	3550	7235	052092	05.20.92	237.00
06.16.92	XEROX	3550	7240		06.05.92	385.11
06.23.92	XEROX CORP	19037	7240	030296045	09.16.91	46.30
06.23.92	FEDERAL EXPRESS	3550	7250	468139854	06.17.92	24.50
05.28.92	FEDERAL EXPRESS	3550	7250	464975834	05.13.92	30
06.16.92	FEDERAL EXPRESS	3550	7250	95102	06.03.92	43.
06.16.92	CC TREASURER	3550	7250	42984	06.09.92	760.82
06.16.92	AVIS	3550	7270		06.05.92	177.36
06.08.92	DAZEY TRAVEL SERVICE	3550	7270	66253	04.09.92	298.00
06.03.92	CC TREASURER	3550	7270	042992	04.29.92	25.05
06.08.92	DAZEY TRAVEL SERVICE	3550	7270	66254	04.09.92	218.00
06.16.92	GRAND PLAZA HOTEL	3550	7270		06.05.92	(5.84)
06.03.92	CC TREASURER	3550	7270	040992	04.09.92	41.13
06.08.92	DAZEY TRAVEL SERVICE	3550	7270	68170	05.19.92	700.00
06.16.92	AVIS	3550	7270		06.05.92	149.91
06.16.92	MERCURY BLUEPRINT	22158	7280	92-A-905	06.12.92	33.07
06.23.92	MERCURY BLUEPRINT	22158	7280	92F8075	06.16.92	21.23
05.22.92	MERCURY BLUEPRINT	31367	7280	92F6933104	05.19.92	57.88
06.23.92	PRO-PROCESS	25974	7280	14551	06.15.92	68.15
06.16.92	CC TREASURER	3550	7280	42960	06.09.92	1,449.63
06.23.92	MERCURY BLUEPRINT	22158	7280	92A9201	06.16.92	(6.04)
05.28.92	NEVA PHOTO/GRAPHICS	18306	7280	18306	04.24.92	34.10
06.23.92	L.V. REVIEW-JOURNAL	3550	7280	061592	06.15.92	568.48
06.23.92	MERCURY BLUEPRINT	22158	7280	92A9202	06.15.92	62.71
05.28.92	NEVADA PHOTO/GRAPHICS	18306	7280	18339	04.27.92	45.63
TOTAL						8,256.85

MONTHLY EXPENDITURE REPORT
 REGIONAL FLOOD CONTROL DISTRICT
 FUND 286
 MONTH ENDING JUNE 1992

PROCESS DATE	VENDOR NAME	P.O. NUMBER	EXPENSE CLASS	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT
PROFESSIONAL SERVICES:						
06.23.92	MERICA, BURCH & DICKERSON	29184	7210	23008	05.31.92	3,300.00
06.23.92	CONSTRUCTION INFORMATION SY	31539	7210	92087	06.10.92	900.00
05.29.92	MERICA, BURCH & DICKERSON	29184	7210	22924	04.30.92	4,000.00
05.29.92	MERICA, BURCH & DICKERSON	29184	7210	22922	04.30.92	7,310.25
06.23.92	MERICA, BURCH & DICKERSON	29184	7210	23007	05.31.92	12,166.50
05.29.92	MERICA, BURCH & DICKERSON	29184	7210	22923	04.30.92	1,100.00
06.16.92	J M MONTGOMERY	16902	7210	NV1763	06.05.92	13,353.19
06.23.92	MERICA, BURCH & DICKERSON	29184	7210	23009	05.31.92	20,040.00
06.23.92	MERICA, BURCH & DICKERSON	29184	7210	23154	05.31.92	1,200.00
05.29.92	MERICA, BURCH & DICKERSON	29184	7210	22861	04.30.92	1,331.62
05.29.92	MERICA, BURCH & DICKERSON	29184	7210	22862	04.30.92	1,431.62
05.14.92	WILL & MUYS	10136	7210	051192	05.11.92	1,619.54
06.23.92	MERICA, BURCH & DICKERSON	29184	7210	23155	05.31.92	60.00
05.29.92	MERICA, BURCH & DICKERSON	29184	7210	22864	04.30.92	107.17
06.16.92	DAMES & MOORE	76007	7210	001-06285	06.12.92	26,094.77
06.16.92	J M MONTGOMERY	16902	7210	NV1764	06.02.92	308.11
06.02.92	DAMES & MOORE	76007	7210	001-06219	05.29.92	294.93
05.29.92	MERICA, BURCH & DICKERSON	29184	7210	22863	04.30.92	3,762.50
						98,380.20
CAPITAL EXPENDITURES:						
06.16.92	XEROX	30362	8040	33329920	06.01.92	5,034.00
06.16.92	CCC TREASURER	29680	8040	92083	06.05.92	7,200.00
						12,234.00
TRANSFERS FROM FUND 443:						
LAS.03.B.89	GOWAN OUTFALL AND CONVEYANCE					(1,107,625.00)
TRANSFERS TO FUND 443:						
NONE THIS PERIOD						0.00
TOTAL EXPENDITURES/TRANSFERS						(931,361.91)

FILE: FINRPTS\FUND286\MNTHEXPS

FUND 286
 OPEN PURCHASE ORDERS
 JUNE 1992

VENDOR	EXPENSE CLASS	P.O. NUMBER	P.O. AMT	TOTAL INVOICED	BALANCE
WILL & MUYS	7210	10136	20,000.00	14,833.82	5,166.18
JM MONTGOMERY	7210	16902	240,000.00	207,956.04	32,043.96
XEROX	7240	19037	5,241.60	2,794.53	2,447.07
DIGITAL EQUIP	7240	20552	6,540.00	4,570.00	1,970.00
DESERT DECOR ART SUPPLIES	7010	21173	600.00	116.82	483.18
SEARS	7060	21252	250.00	0.00	250.00
AHERN	7120	21285	750.00	358.24	391.76
A.C. HOUSTON LUMBER	7030	21495	750.00	245.41	504.59
HANDAR	7240	21735	2,000.00	1,898.77	101.23
SHOSHONA S	7210	21736	1,500.00	970.00	530.00
KINKO'S	7280	22156	750.00	425.00	325.00
MERCURY BLUEPRINT	7280	22158	500.00	173.79	326.21
B&K PRINTERS	7280	22390	1,500.00	0.00	1,500.00
HURLEY ELECTRONICS	7030	22434	200.00	120.85	79.15
ALL AROUND VIDEO	7210	22803	550.00	0.00	550.00
DEWEY ANIMAL CARE	7210	23336	2,200.00	0.00	2,200.00
CLARK PLACE	7120	24463	80,964.78	61,022.16	19,942.62
PRO PROCESS	7280	25974	1,200.00	719.00	481.00
NEVADA PHOTO	7280	28303	300.00	265.84	34.16
HOLMAN'S OF NEVADA	7010	28829	500.00	108.05	391.95
MERICA, BURCH & DICKERSON	7210	29184	150,000.00	80,401.79	69,598.21
STARDUST HOTEL	7260	29983	115.00	0.00	115.00
BUSINESS COMM SYSTEMS	7060	30441	775.00	440.00	335.00
VEREX CORP	7210	31389	300.00	238.60	61.40
CIS	7210	31539	1,500.00	900.00	600.00
DAMES & MOORE	7210	76007	744,846.00	346,991.63	397,854.37
CH2M HILL	7210	33280	270,400.00	0	270,400.00
TEACHERS REALTY	7120	41566	92,739.48	0	92,739.48
MERCURY BLUEPRINT	7280	33483	2,000.00	0	2,000.00
LANDISCOR	7210	33138	277.00	0	277.00
HANDAR	7240	34113	3,000.00	0	3,000.00
			1,632,248.86	725,550.34	906,698.52

FILE: FINRPTS\FUND286\PO_BAL

INTERLOCAL AGREEMENTS APPROVED - FUNDS NOT YET TRANSFERED TO FUND 443
 REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	AGENDA ITEM	RFCD BOARD APPRVL DATE	SCOPE	FISCAL IMPACT
MWP-HEN FY91/92	8	05.14.92	FLOOD DAMAGE REPAIR ADDITION TO MWP	599,865
LAS.04.B.90	5	07.09.92	OAKLEY BLVD DET & CONVEYANCE SUPPLEMENT	50,000
HEN.05.A.92	7	07.09.92	SUNSET DETENTION BASIN/COLLECTION SYS & OUTFALL	1,385,000
LAS.02.D.92	8	07.09.92	ANGEL PARK-PECCOLE 1 (RAMPART STORM DESIGN)	65,000
LAS.12.A.92	9	07.09.92	BUFFALO CHANNEL DESIGN (DOE-WESTCLIFF)	93,000
LAS.03.B.89	10	07.09.92	GOWAN OUTFALL & CONVEYANCE SUPPLEMENT	26,000
MWP FY92/93	12	07.09.92	MAINT WORK PROGRAM FY 92-93 - NORTH LAS VEGAS	50,880
MWP FY92/93	12	07.09.92	MAINT WORK PROGRAM FY 92-93 - MESQUITE	46,022
MWP FY92/93	12	07.09.92	MAINT WORK PROGRAM FY 92-93 - BOULDER CITY	85,800
MWP FY92/93	12	07.09.92	MAINT WORK PROGRAM FY 92-93 - CLARK COUNTY	973,835
MWP FY92/93	12	07.09.92	MAINT WORK PROGRAM FY 92-93 - HENDERSON	453,170
			SYSTEMS IN SUPPORT OF GIS, ACCTG, OFFICE AUTOMATION	
TOTAL REQUESTS FOR FUNDING				3,828,572

INTERLOCAL AGREEMENTS APPROVED - FUNDS NOT YET TRANSFERED BACK TO FUND 286
 REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	AGENDA ITEM	RFCD BOARD APPRVL DATE	SCOPE	FISCAL IMPACT
NONE THIS PERIOD				
				0

FILE: FINRPTS\FUND286\ILA_PEND

ACCOUNTS PAYABLE FOR JUNE 92
 REGIONAL FLOOD CONTROL DISTRICT
 FUND 286

PROCESS DATE	VENDOR NAME	P.O. NUMBER	PROJECT #/ EXP CLASS	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT
06.23.92	HOLMAN'S	3550	7010	93959	06.17.92	100.40
06.23.92	HOLMAN'S	3550	7010	93818	06.10.92	85.45
06.30.92	ABBOTT TROPHIES	3550	7010	4398	06.29.92	117.50
06.29.92	TEACHERS REALTY CORP	24463	7120	062992	06.29.92	7,462.77
06.29.92	TEACHERS REALTY CORP	24463	7120	062992B	06.29.92	160.00
06.29.92	TEACHERS REALTY CORP	24463	7120	062992A	06.29.92	7,822.77
06.25.92	LANDISCOR	33138	7210	7002	06.19.92	277.00
06.30.92	WILL & MUYS	10136	7210	062392	06.23.92	1,709.38
06.30.92	FEDERAL EXPRESS	3550	7250	468817256	06.24.92	30.75
06.30.92	LV REVIEW JOURNAL	3550	7271	052592	05.25.92	105.40
						----- 17,871.42 -----

FILE: FINRPTS\FUND286\ACCPAY

FUND 330 FUND BALANCE REPORT
REGIONAL FLOOD CONTROL DISTRICT
JUNE 30, 1992

BEGINNING FUND BALANCE		22,961
REVENUES:		
INTEREST INCOME	13,192	

		13,192
EXPENSES:		
NONE THIS PERIOD	0	

		0

ENDING FUND BALANCE (FUND 330)		36,153
		=====

FILE: FINRPTS\FUND330\FUNDBAL

FUND 443 FUND BALANCE REPORT
 REGIONAL FLOOD CONTROL DISTRICT
 JUNE 30, 1992

BEGINNING FUND BALANCE		28,278,436
REVENUES:		
TRANSFER IN FROM FUND 286	0	
RETURN OF FUNDS TO FUND 286	(1,107,625)	
	<u> </u>	(1,107,625)
EXPENSES:		
9999 - CAPITAL IMPROVEMENT PROGRAM	(2,227,546)	
3560 - MAINTENANCE WORK PROGRAM	(13,862)	
	<u> </u>	(2,241,408)
ENDING FUND BALANCE (FUND 443)		<u>24,929,403</u>

COMMITTED IMPACTS TO FUND BALANCE:		
ILA'S APPROVED IN MAY	599,865	
ILA'S APPROVED IN JULY	3,228,707	
ACCOUNTS PAYABLE	(1,446,846)	
	<u> </u>	2,381,726
TOTAL COMMITMENTS		

PROJECT CLOSE-OUTS - TRANSFER OF FUNDS BACK TO FUND 286:		
GREEN VALLEY PARKWAY BRIDGE	(152,486)	
GEORGIA AVENUE CHANNEL	(9,410)	
FLAMINGO WASH BRIDGE AT ARVILLE	(25,181)	
MAINTENANCE WORK PROGRAM - CLARK COUNTY FY90/91	(41,799)	
	<u> </u>	(228,877)
TOTAL TRANSFER OF FUNDS TO FUND 286		

COMMITTED FUND BALANCE (FUND 443)		<u>27,082,252</u>
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FILE: FINRPTS\FUND443\FUNDBAL

MONTHLY EXPENDITURE REPORT
 REGIONAL FLOOD CONTROL DISTRICT
 FUND 443
 MONTH ENDING JUNE 1992

FUND #	PROCESS DATE	VENDOR NAME	P.O. NUMBER	PROJECT # EXP CLASS	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT	
CAPITAL IMPROVEMENT PROGRAM								
443	06.16.92	CNLV	26070	NLVO6A91	AR2133	06.10.92	55,834.36	
443	06.16.92	CNLV	7776	NLVO5A89	AR2130	06.10.92	790.57	
443	06.16.92	CNLV	3213	NLVO4A89	2126	06.04.92	14,746.50	
443	06.16.92	CNLV	3213	NLVO4A89	AR2131	06.10.92	6,617.22	
443	06.02.92	LAS VEGAS PAVING	18666	NLVO4A89	13	05.27.92	86,474.62	
443	06.01.92	CNLV	23137	NLV03C91	AR2114	05.26.92	30,144.91	
443	06.16.92	CNLV	23137	NLV03C91	AR2129	06.10.92	4,771.22	
443	05.29.92	CC TREASURER	1502	MOA01B89	40911	05.22.92	959.89	
443	05.29.92	CC TREASURER	3205	LAU01A89	40910	05.22.92	2,883.85	
443	06.02.92	CITY OF LAS VEGAS	13505	LAS08A89	7906	05.21.92	329,424.30	
443	06.16.92	CITY OF LAS VEGAS	13505	LAS08A89	7963	06.05.92	227,700.00	
443	06.02.92	CITY OF LAS VEGAS	67139	LAS02A87	7915	05.26.92	29,348.39	
443	06.03.92	G C WALLACE	26077	HEN03A91	2	02.21.92	22,781.50	
443	05.29.92	G.C. WALLACE	26077	HEN03A91	4	04.17.92	27,734.00	
443	06.03.92	POGGEMEYER	19837	HEN01A87	6998	04.09.92	20,950.63	
443	06.03.92	POGGEMEYER	19837	HEN01A87	6653	10.02.91	1,830.71	
443	06.03.92	POGGEMEYER	19837	HEN01A87	7107	05.05.92	29,004.97	
443	06.03.92	POGGEMEYER	19837	HEN01A87	7106	05.05.92	25,171.25	
443	06.03.92	POGGEMEYER	19837	HEN01A87	7038	04.14.92	11,219.56	
443	06.02.92	BOYLE ENG	30698	CLAO6A91	2	05.19.92	19,356.45	
443	05.29.92	CC TREASURER	28883	CLAO6A91	40908	05.22.92	1,188.71	
443	06.02.92	MAX RIGGS CONST	22635	CLAO4C90	8	05.26.92	72,575.55	
443	06.02.92	J M MONTGOMERY	30697	CLAO3D91	NV1703	04.03.92	6,191.67	
443	06.16.92	PENTACORE ENG	28155	CLAO3D91	4	05.22.92	17,992.55	
443	05.29.92	SEA INCORP	29354	CLAO3D91	LV-18487	05.08.92	16,372.36	
443	06.16.92	SEA INCORP	29354	CLAO3D91	LV-18590	05.26.92	13,681.24	
443	05.29.92	CC TREASURER	15157	CLAO3C90	40907	05.22.92	631.26	
443	05.29.92	CC TREASURER	28876	CLAO3B90	40909	05.22.92	24,503.24	
443	06.02.92	CONTRI CONSTRUCTION	25498	CLAO3B90	5	05.20.92	679,144.22	
443	06.16.92	G C WALLACE	28153	CLAO3B90	7	05.22.92	21,865.21	
443	06.16.92	SWIFT BLUEPRINTING	28845	CLAO2E91		04.23.92	45.90	
443	05.29.92	MEADOW VALLEY CONTRACT	14980	CLAO2D90	11	04.21.92	4,302.34	
443	06.03.92	BLACK & VEATCH	65832	CLAO1A87	34279	06.01.92	4,275.79	
443	06.08.92	MAX RIGGS CONST	28874	BOU01A87	5	05.29.92	407,308.10	
443	06.30.92	THE MARK GROUP	12900	BUN01A90	A/R	06.08.92	(15,944.54)	
							2,201,878.50	
443	06.30.92	ERROR CORRECTION	CORRECTION TO MAY - INCORRECT CHARGE					(498.05)
443	06.30.92	LAS VEGAS PAVING	INTEREST PAYMENTS					3,509.53
443	06.30.92	LAS VEGAS PAVING	INTEREST PAYMENTS					498.96
443	06.30.92	LAS VEGAS PAVING	INTEREST PAYMENTS					687.73
443	06.30.92	LAS VEGAS PAVING	INTEREST PAYMENTS					8,241.13
443	06.30.92	MAX RIGGS CONST	INTEREST PAYMENTS					11.59

MONTHLY EXPENDITURE REPORT
 REGIONAL FLOOD CONTROL DISTRICT
 FUND 443
 MONTH ENDING JUNE 1992

FUND #	PROCESS DATE	VENDOR NAME	P.O. NUMBER	PROJECT #	INVOICE CLASS NUMBER	INVOICE DATE	INVOICE AMOUNT
443	06.30.92	MAX RIGGS CONST			INTEREST PAYMENTS		1,148.01
443	06.30.92	MAXX RIGGS CONST			INTEREST PAYMENTS		1142.56
443	06.30.92	MEADOW VALLEY CONTRACTING			INTEREST PAYMENTS		616.56
443	06.30.92	MEADOW VALLEY CONTRACTING			INTEREST PAYMENTS		622.54
443	06.30.92	SUPERIOR GUNITE			INTEREST PAYMENTS		2,885.01
443	06.30.92	SUPERIOR GUNITE			INTEREST PAYMENTS		3,315.03
443	06.30.92	WHEELER CONSTRUCTION			INTEREST PAYMENTS		3,044.00
443	06.30.92	WHEELER CONSTRUCTION			INTEREST PAYMENTS		443.08
							26,165.73

WORK MAINTENANCE PROGRAM EXPENDITURES

443	06.16.92	CITY OF NO LAS VEGAS	MWP-NLV	28144	AR2115	05.27.92	13,862.00
							13,862.00

FILE: FINRPTS\FUND443\MNEXPRPT

TOTAL EXPENDITURES 2,241,408.1
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INTERLOCAL AGREEMENTS APPROVED - FUNDS NOT YET TRANSFERED
 REGIONAL FLOOD CONTROL DISTRICT
 JUNE 1992

ENTITY	PROJ #	AGENDA ITEM	RFCD BOARD APPRVL DATE	SCOPE	FISCAL IMPACT

ILA'S APPROVED IN MAY:					
HENDERSON	WMP 91-92	8	05.14.92	FLOOD DAMAGE REPAIR ADDITION TO WMP	599,865

					599,865
ILA'S APPROVED IN JULY:					
LAS VEGAS	LAS.04.B.90	5	07.09.92	OAKLEY BLVD DET & CONVEYANCE SUPPLEMENT	50,000
HENDERSON	HEN.05.A.92	7	07.09.92	SUNSET DETENTION BASIN/COLLECTION SYS & OUTFALL	1,385,000
LAS VEGAS	LAS.02.D.92	8	07.09.92	ANGEL PARK-PECCOLE 1 (RAMPART STORM DESIGN)	65,000
LAS VEGAS	LAS.12.A.92	9	07.09.92	BUFFALO CHANNEL DESIGN (DOE-WESTCLIFF)	93,000
LAS VEGAS	LAS.03.B.89	10	07.09.92	GOWAN OUTFALL & CONVEYANCE SUPPLEMENT	26,000
NO LAS VEGAS	MWP FY92/93	12	07.09.92	MAINT WORK PROGRAM FY 92-93 - NORTH LAS VEGAS	50,880
MESQUITE	MWP FY92/93	12	07.09.92	MAINT WORK PROGRAM FY 92-93 - MESQUITE	46,022
BOULDER CITY	MWP FY92/93	12	07.09.92	MAINT WORK PROGRAM FY 92-93 - BOULDER CITY	85,800
CLARK COUNTY	MWP FY92/93	12	07.09.92	MAINT WORK PROGRAM FY 92-93 - CLARK COUNTY	973,835
HENDERSON	MWP FY92/93	12	07.09.92	MAINT WORK PROGRAM FY 92-93 - HENDERSON	453,170

					3,228,707
TOTAL REQUESTS FOR FUNDING					3,828,572
					=====

FILE: FINRPTS\FUND443\ILA_PEND

ACCOUNTS PAYABLE FOR JUNE 1992
 REGIONAL FLOOD CONTROL DISTRICT
 FUND 443

PROCESS DATE	VENDOR NAME	P.O. NUMBER	PROJECT #	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT
06.25.92	BOYLE ENG	30698	CLA06A91	3	06.11.92	28,032.23
06.25.92	CITY OF LAS VEGAS	19839	LAS09A89	7979	06.18.92	1,216.01
06.25.92	CITY OF LAS VEGAS	3	LAS03B89	7994	06.22.92	678,480.00
06.25.92	CITY OF LAS VEGAS	13505	LAS08A89	7978	06.18.92	1,258.87
06.25.92	THE MARK GROUP	12900	BUN01A90	2312	05.17.92	5,750.00
06.25.92	CITY OF LAS VEGAS	5	LAS02B91	7977	06.18.92	937.77
06.25.92	BLACK & VEATCH	65832	CLA01A87	036021	06.09.92	1,692.08
06.25.92	CITY OF LAS VEGAS	5	LAS02B91	7895	05.14.92	685.97
06.25.92	CITY OF LAS VEGAS	13505	LAS08A91	7974	06.12.92	369,031.25
06.25.92	CITY OF LAS VEGAS	4	LAS02C91	7896	05.14.92	711.17
06.25.92	CITY OF NO. LAS VEGAS	14553	NLV01B87	AR2143	06.17.92	905.36
06.25.92	PENTACORE ENG	28155	CLA03D91	5	06.10.92	27,787.28
06.25.92	CITY OF LAS VEGAS	29349	LAS09B91	7980	06.18.92	361.21
06.25.92	CITY OF LAS VEGAS	3	LAS03B89	7964	06.05.92	28,320.00
06.29.92	BOULDER CONSTRUCTION	30078	CLA91-92	RET REL	06.12.92	30,686.83
06.29.92	BOULDER CITY	22919	BOU91-92	2	06.22.92	19,647.93
06.30.92	CC TREASURER	13950	BUN01A90	40952	06.23.92	454.97
06.30.92	MAX RIGGS CONST	22635	CLA04C90	9	06.24.92	22,362.65
06.30.92	CITY OF NO. LAS VEGAS	23137	NLV03C91	AR2159	06.23.92	11,866.62
06.30.92	CC TREASURER	28875	CLA05A91	40956	06.23.92	3,428.60
06.30.92	CC TREASURER	74274	SEA01A88	40948	06.23.92	81.90
06.30.92	CH2M HILL	28870	MES01B89	204728	04.30.92	103,734.23
06.30.92	CC TREASURER	28156	CLA03D91	40954	06.23.92	2,959.86
06.30.92	CH2M HILL	28870	MES01B89	204736	05.22.92	69,449.21
06.30.92	CC TREASURER	28876	CLA03B90	40950	06.23.92	2,046.49
06.30.92	CC TREASURER	28883	CLA06A91	40953	06.23.92	351.45
06.30.92	CC TREASURER	28143	CLA02E91	40955	06.23.92	4,241.93
06.30.92	CH2M HILL	28870	MES01B89	204727	04.24.92	17,606.54
06.30.92	CH2M HILL	7548	MES01B89	204726	04.24.92	2,740.03
06.30.92	CC TREASURER	23856	CLA04C90	40951	06.23.92	9,877.36
06.30.92	CC TREASURER	12391	CLA02D90	40949	06.23.92	140.46
						1,446,846.26

FILE: FINRPTS\FUND443\ACCPAY

PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT AMOUNT	PURCHASE ORDER/INTEREST AMOUNT	VENDOR	CURRENT MONTH PURCHASE ORDER EXPENDITURES	PURCHASE ORDER TOTAL EXPENDED	PURCHASE ORDER BALANCE
CLARK COUNTY:							
CLA.01.A.87	Upper Flamingo Wash Detention Basin & Outfall	7,713,000.00	668,155.00	Black & Veatch	4,275.79	648,360.40	19,794.60
			58,000.01	C.C. Treasurer	0.00	35,345.16	22,654.85
			12,499.00	Timothy Morse	0.00	12,499.00	0.00
			2,000.00	National Title	0.00	2,000.00	0.00
			1,212,536.30	Stewart Title	0.00	1,212,536.30	0.00
			157,984.00	Lawyers Title	0.00	157,984.00	0.00
			406,732.45	Nevada Title	0.00	406,732.45	0.00
			427,500.00	Clerk of Court	0.00	427,500.00	0.00
			4,144,949.00	Wheeler Const.	0.00	4,078,476.85	66,472.15
			7,090,355.76			6,981,434.16	108,921.60
CLA.02.D.90	Rawhide Channel Eastern to Topaz	1,265,000.00	93,150.00	G.C. Wallace	0.00	85,493.05	7,656.95
			77,000.00	Clark County	0.00	65,519.64	11,480.36
			907,322.80	Head.Vly. Con.	4,302.34	849,092.18	58,230.62
			1,077,472.80				
CLA.02.E.91	Rawhide Channel McLeod to Mtn. Vista	180,000.00	65,000.00	Clark County	0.00	13,022.96	51,977.04
			310.00	Swift	45.90	234.90	75.10
			65,310.00				

PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT AMOUNT	PURCHASE ORDER/INTEREST AMOUNT	VENDOR	CURRENT MONTH PURCHASE ORDER EXPENDITURES	PURCHASE ORDER TOTAL EXPENDED	PURCHASE ORDER BALANCE
CLA.03.B.90	Van Buskirk Channel Outfall	3,760,000.00	80,141.25	Clark County	0.00	80,141.25	P.O. CLOSED OUT
			49,293.00	Clark County	24,503.24	44,585.35	4,707.65
			18,000.00	Converse Cons.	0.00	18,000.00	0.00
			277.44	Swift Blprtg.	0.00	277.44	0.00
			151,081.00	G.C. Wallace	21,865.21	72,979.48	78,101.52
			3,011,832.00	Contri Const.	679,144.22	2,922,836.51	88,995.49

			3,310,624.69				
CLA.03.C.90	Van Buskirk Channel Right-of-Way	3,575,000.00	15,000.00	Clark County	631.26	13,746.83	1,253.17
			10,850.00	K.E. Lamb	0.00	10,850.00	0.00
			130,505.20	Stewart Title	0.00	130,505.20	0.00
			1,115,000.00	Clerk of Court	0.00	1,115,000.00	0.00
			1,253,878.50	Land Title of MV	0.00	1,253,878.50	0.00
			632,321.00	Nevada Title	0.00	632,321.00	0.00

			3,157,554.70				
CLA.03.D.91	Van Buskirk System Spencer to Rochelle Rochelle to Twain & Upstream Section	650,000.00	15,000.00	Clark County	0.00	2,504.02	12,495.98
			77,250.00	Delta Engineering	0.00	35,946.00	41,304.00
			50,000.00	MEA	0.00	34,434.42	15,565.58
			98,500.00	Pentacore	17,992.55	57,522.18	40,977.82
			226,000.00	JM Montgomery	6,191.67	6,191.67	219,808.33
			175,265.00	SEA	30,053.60	30,053.60	145,211.40
			171.00	Swift	0.00	0.00	171.00

			642,186.00				

PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT AMOUNT	PURCHASE ORDER/INTEREST AMOUNT	VENDOR	CURRENT MONTH PURCHASE ORDER EXPENDITURES	PURCHASE ORDER TOTAL EXPENDED	PURCHASE ORDER BALANCE
CLA.04.A.89	Flamingo Wash Bridge at Eastern Avenue	61,900.00	61,900.00	Tab Contractors	0.00	0.00	61,900.00
CLA.04.B.89	Flamingo Wash Bridge at Arville	320,000.00	291,033.80 13,000.00	Wells Cargo Clark County	0.00 0.00	290,933.80 3,884.81	100.00 9,115.19
			304,033.80				
CLA.04.C.90	Flamingo Wash Bridges at Paradise & Palos Verde	1,702,000.00	186.82 195,000.00 1,345,638.15 80,000.00 55,672.50	Clark County MEA Max Riggs Clark County Donrey Outdoor Adv	0.00 0.00 72,575.55 0.00 0.00	186.82 193,182.74 1,271,766.69 15,537.38 55,672.50	0.00 1,817.26 73,871.46 64,462.62 0.00
			1,676,497.47				
CLA.05.A.91	Duck Creek Bridges	145,000.00	5,140.00 139,860.00	Clark County Hefner Eng	0.00 0.00	141.53 33,523.61	4,998.47 106,336.39
	Tomiyasu & Pachuca		145,000.00				
CLA.06.A.91	Range Wash Detention Basin Facilities	480,000.00	31,000.00 449,000.00	Clark County Boyle Eng	1,188.71 19,356.45	1,522.55 32,844.79	29,477.45 416,155.21
			480,000.00				

OUTLYING AREAS:

PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT AMOUNT	PURCHASE ORDER/INTEREST AMOUNT	VENDOR	CURRENT MONTH PURCHASE ORDER EXPENDITURES	PURCHASE ORDER TOTAL EXPENDED	PURCHASE ORDER BALANCE
BUN.01.A.90	Bunkerville Channel (aka Windmill Wash)	541,000.00	143,000.00	The Mark Group	(15,944.54)	103,500.00	39,500.00
			9,400.00	Appraisal Serv.	0.00	9,400.00	0.00
			10,000.00	Clark County	0.00	6,574.45	3,425.55
			129.50	Legal Process Serv	0.00	129.50	0.00
			-----			162,529.50	
GSP.01.A.88	Goodsprings Flood Control Improvements	99,000.00	13,000.00	Clark County	0.00	5,205.16	7,794.84
			32,980.00	G.C. Wallace	0.00	0.00	32,980.00
			-----			45,980.00	
LAU.01.A.89	Laughlin Unnamed Wash	350,000.00	14,000.00	Clark County	2,883.85	16,762.91	(2,762.91)
			106.04	Review Journal	0.00	106.04	0.00
			314,293.96	Simons Li & Assoc	0.00	314,174.07	119.89
			21,600.00	Acquisition Scienc	0.00	21,600.00	0.00
			-----			350,000.00	
LAU.02.A.89	Laughlin Hiko Springs	370,000.00	106.04	Review Journal	0.00	106.04	0.00
			4,143.96	Clark County	0.00	1,407.34	2,736.62
			47,750.00	Simons, Li	0.00	47,750.00	0.00
			318,000.00	Boyle Engineers	0.00	315,730.06	2,269.94
			-----			370,000.00	

PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT AMOUNT	PURCHASE ORDER/INTEREST AMOUNT	VENDOR	CURRENT MONTH PURCHASE ORDER EXPENDITURES	PURCHASE ORDER TOTAL EXPENDED	PURCHASE ORDER BALANCE
LAU.02.B.92	Laughlin Niko Springs - Remap	9,500.00	1,500.00	Clark County	0.00	0.00	1,500.00
			8,000.00	Boyle Eng	0.00	0.00	8,000.00

			9,500.00				
MOA.01.B.89	Hoapa Valley Muddy River West Levee	200,000.00	10,000.00	Clark County	959.89	4,025.58	5,974.42
			43.00	Review Journal	0.00	43.00	0.00
			180,000.00	The Mark Group	0.00	158,583.09	21,416.91

			190,043.00				
MOA.02.A.89	Hoapa Valley Logan Wash (aka Benson Wash)	340,000.00	39,933.96	Clark County	0.00	10,535.55	29,398.41
			106.04	Review Journal	0.00	106.04	0.00
			209,960.00	Dames & Moore	0.00	209,960.00	0.00
			300.00	Appraisal Serv.	0.00	300.00	0.00
			58,560.00	Clerk of the Court	0.00	58,560.00	0.00
			600.00	UPRR	0.00	600.00	0.00
			4,938.00	Nevada Title Co.	0.00	4,938.00	0.00

			314,398.00				
MOA.02.B.92	Hoapa Valley-Logan Wash (Construction)	4,216,000.00	238,000.00	Greiner, Inc.	0.00	0.00	238,000.00
NEL.01.A.88	Nelson Flood Control Improvements	70,000.00	12,000.00	Clark County	0.00	2,961.95	9,038.05

PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT AMOUNT	PURCHASE ORDER/INTEREST AMOUNT	VENDOR	CURRENT MONTH PURCHASE ORDER EXPENDITURES	PURCHASE ORDER TOTAL EXPENDED	PURCHASE ORDER BALANCE
SEA.01.A.88	Searchlight Flood Control Improvements	172,000.00	22,300.00 35,500.00 ----- 57,800.00	Clark County G.C. Wallace	0.00 0.00	7,370.45 0.00	14,929.55 35,500.00
CITY OF BOULDER CITY:							
BOU.01.A.87	Hemenway Wash	4,489,000.00	94,938.84 765.00 186,338.00 25,769.25 4,031,188.91 ----- 4,339,000.00	J.M.Montgomery E.G. Radig Coe & Van Loo C/Boulder City Max Riggs Const	0.00 0.00 0.00 0.00 407,308.10	94,938.84 765.00 177,227.59 25,769.25 1,098,324.94	0.00 0.00 9,110.41 0.00 2,932,863.97
BOU.02.A.88	Georgia Ave. Channel	623,000.00	17,900.00 517,815.25 58,143.59 21,000.00 ----- 614,858.84	KJC Max Riggs C/Boulder City KJC	0.00 0.00 0.00 0.00	17,900.00 517,815.25 58,143.59 19,731.39	0.00 0.00 0.00 1,268.61
CITY OF HENDERSON:							
HEN.01.A.87	Pittman Wash Channel	937,000.00	562,225.00 9,775.00	C/Henderson Transmap	0.00 0.00	284,465.33 9,775.00	277,759.67 0.00

PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT AMOUNT	PURCHASE ORDER/INTEREST AMOUNT	VENDOR	CURRENT MONTH PURCHASE ORDER EXPENDITURES	PURCHASE ORDER TOTAL EXPENDED	PURCHASE ORDER BALANCE
			240,000.00	Poggemeyer	88,177.12	177,871.41	62,128.59
			----- 812,000.00				
HEN.01.C.90	Pittman Wash Channel	3,000,000.00	142,471.00	C/Henderson	0.00	38,625.15	103,845.85
			2,729,375.00	Superior Gunite	0.00	2,303,130.60	426,244.40
			125,154.00	Black & Veatch	0.00	120,054.63	5,099.37
			3,000.00	Nevada Labor Comm	0.00	3,000.00	0.00
			----- 3,000,000.00				
HEN.02.A.89	Green Valley Parkway	1,281,000.00	994,344.73	LV Paving	0.00	934,716.63	59,628.10
			204,485.27	C/Henderson	0.00	130,997.60	73,487.67
			3,000.00	Poggemeyer	0.00	3,000.00	0.00
			----- 1,201,830.00				
HEN.03.A.91	UPRR Channel	150,000.00	99,050.00	G.C. Wallace	50,515.50	65,373.00	33,677.00
			25,000.00	C/Henderson	0.00	0.00	25,000.00
			----- 124,050.00				
HEN.04.A.91	C-1 Channel System	600,000.00	60,000.00	C/Henderson	0.00	0.00	60,000.00
			540,000.00	VTN Nevada	0.00	24,301.77	515,698.23
			----- 600,000.00				

PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT AMOUNT	PURCHASE ORDER/INTEREST AMOUNT	VENDOR	CURRENT MONTH PURCHASE ORDER EXPENDITURES	PURCHASE ORDER TOTAL EXPENDED	PURCHASE ORDER BALANCE
HEN.05.A.92	Sunset Det Basin/ Collection & Outfall	1,385,000.00	0.00		0.00	0.00	0.00
CITY OF LAS VEGAS:							
LAS.01.A.87	Angel Park Detention Basin Outflow Structure	400,300.00	45,432.15 354,867.85 ----- 400,300.00	G.C. Wallace C/Las Vegas	0.00 0.00	45,432.15 346,114.26	0.00 8,753.59
LAS.02.A.87	Buffalo Channel (aka Angel Park/Gowan Detention Basin)	4,535,965.00	217,211.95 4,314,753.05 4,000.00 ----- 4,535,965.00	G.C. Wallace C/Las Vegas Kennedy/Jenks	0.00 29,348.39 0.00	212,211.95 3,823,748.06 4,000.00	5,000.00 491,004.99 0.00
LAS.02.B.91	Buffalo Channel Summerlin to Vegas Dr. (aka Angel Park/Gowan Detention Basin)	130,000.00	130,000.00	C/Las Vegas	0.00	0.00	130,000.00
LAS.02.C.91	Buffalo Channel Westcliff to Summerlin (aka Angel Park/Gowan Detention Basin)	588,898.00	588,898.00	C/Las Vegas	0.00	0.00	588,898.00

PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT AMOUNT	PURCHASE ORDER/INTEREST AMOUNT	VENDOR	CURRENT MONTH PURCHASE ORDER EXPENDITURES	PURCHASE ORDER TOTAL EXPENDED	PURCHASE ORDER BALANCE
LAS.02.D.92	Buffalo Channel Design Doe-Westcliff	93,000.00	0.00		0.00	0.00	0.00
LAS.03.B.89	Gowan Detention Basins & Outfall	5,401,000.00	694,040.00 4,703,774.00 ----- 5,397,814.00	Poggemeyer C/Las Vegas	0.00 0.00	668,726.00 79,991.78	25,314.00 4,623,782.22
LAS.04.B.90	Oakey Blvd. System	562,000.00	471,645.00 90,355.00 ----- 562,000.00	Boyle Engr. C/Las Vegas	0.00 0.00	464,121.65 39,015.45	7,523.35 51,339.55
LAS.04.C.91	Oakey Blvd. System Decatur Crossing	35,000.00	35,000.00	C/Las Vegas	0.00	33,503.10	1,496.90
LAS.08.A.89	Carey Avenue/Lake Mead Detention & Conv. System	6,750,000.00	6,750,000.00	C/Las Vegas	557,124.30	4,731,540.51	2,018,459.49
LAS.09.A.89	Washington Avenue System	542,000.00	292,000.00 35,000.00 ----- 327,000.00	M.E.A. C/Las Vegas	0.00 0.00	290,481.81 20,552.88	1,518.19 14,447.12
LAS.09.B.91	Washington Avenue System	471,000.00	471,000.00	C/Las Vegas	0.00	20,948.56	450,051.44

PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT AMOUNT	PURCHASE ORDER/INTEREST AMOUNT	VENDOR	CURRENT MONTH PURCHASE ORDER EXPENDITURES	PURCHASE ORDER TOTAL EXPENDED	PURCHASE ORDER BALANCE

Sandhill to Bruce							
LAS.09.D.92	Washington Ave System Construction	2,437,000.00	0.00		0.00	0.00	0.00
LAS.10.A.91	Gowan North Channel	100,000.00	100,000.00	C/Las Vegas	0.00	34,800.22	65,199.78
LAS.11.A.92	Angel Park _ Peccole 1 Rampart Storm Drain	65,000.00	0.00		0.00	0.00	0.00
CITY OF MESQUITE:							
MES.01.B.89	Town Wash Det. Basin	660,000.00	50,000.00	C/Mesquite	0.00	30,875.00	19,125.00
			610,000.00	CH2M Hill	0.00	590,045.10	19,954.90

			660,000.00				
CITY OF NORTH LAS VEGAS:							
NLV.01.B.87	L.V. Wash/Craig to Civic Ctr. (aka King Charles	2,380,600.00	645,088.00	C/N.Las Vegas	0.00	630,428.25	14,659.75
			1,735,512.00	Max Riggs	0.00	1,672,314.68	63,197.32

			2,380,600.00				
NLV.03.A.88	West Range Wash Detention Basin	360,000.00	360,000.00	C/N.Las Vegas	34,916.13	307,984.25	52,015.75

PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT AMOUNT	PURCHASE ORDER/INTEREST AMOUNT	VENDOR	CURRENT MONTH PURCHASE ORDER EXPENDITURES	PURCHASE ORDER TOTAL EXPENDED	PURCHASE ORDER BALANCE
NLV.03.C.91	West Range Wash Diversion Dike	350,000.00	350,000.00	C/N.Las Vegas	0.00	150,516.19	199,483.81
NLV.04.A.89	Gowan Detention Basins Outfall Structure	13,420,000.00	1,366,000.00 11,685,198.00 ----- 13,051,198.00	C/N.Las Vegas LV Paving	21,363.72 86,474.62	954,777.67 10,941,763.29	411,222.33 743,434.71
NLV.05.A.89	Upper L.V. Wash Detention Basin	1,650,000.00	1,650,000.00	C/N.Las Vegas	790.57	1,595,142.36	54,857.64
NLV.06.A.91	Kyle Canyon Detention Basin	450,000.00	450,000.00	C/N.Las Vegas	55,834.36	141,171.63	308,828.37
TOTALS		80,066,163.00	71,033,299.56		2,201,878.50	51,592,330.56	17,060,369.00

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PROJECT EXPENSE SUMMARY
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT DATE	INTERLOCAL AGREEMENT AMOUNT	INTERLOCAL AGREEMENT EXPIRATION DATE	GRAND TOTAL EXPENDED	AMOUNT REMAINING
CLARK COUNTY:						
CLA.01.A.87	Upper Flamingo Wash Detention Basin & Outfall	July 9, 1987	440,000.00	July 31, 1992	6,981,434.16	731,565.84
		Sept. 14, 1989	2,081,000.00			
		Dec. 13, 1990	5,819,000.00			
		Apr. 11, 1991	(627,000.00)			
		TOTAL	7,713,000.00			
CLA.02.D.90	Rawhide Channel Eastern to Topaz	July 12, 1990	100,000.00	Dec. 31, 1991	1,000,104.87	264,895.13
		Oct. 11, 1990	1,165,000.00			
		TOTAL	1,265,000.00			
CLA.02.E.91	Rawhide Channel Mcleod to Mtn. Vista	Oct. 10, 1991	180,000.00	July 1, 1992	13,257.86	166,742.14
CLA.03.B.90	Van Buskirk Channel Outfall	June 14, 1990	300,000.00	Apr. 17, 1992	3,138,820.03	621,179.97
		Aug. 8, 1991	3,460,000.00			
		TOTAL	3,760,000.00			
CLA.03.C.90	Van Buskirk Channel Right-of-Way	Oct. 11, 1990 Aug. 8, 1991	2,000,000.00 1,300,000.00	Jan. 31, 1992	3,156,301.53	418,698.47

PROJECT EXPENSE SUMMARY
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT DATE	INTERLOCAL AGREEMENT AMOUNT	INTERLOCAL AGREEMENT EXPIRATION DATE	GRAND TOTAL EXPENDED	AMOUNT REMAINING
		Jun 11, 1992	275,000.00			
		TOTAL	3,575,000.00			
CLA.03.D.91	Van Buskirk Channel Spencer to Rochelle Maryland at Reno; Tropicana at Spencer; Between Rochelle & Twain	Sept. 12, 1991 Oct. 10, 1991	360,000.00 290,000.00 ----- 650,000.00	July 1, 1992 July 1, 1992	166,651.89	483,348.11
CLA.04.A.89	Flamingo Wash Bridge at Eastern Avenue	Sept. 14, 1989	61,900.00	Dec. 31, 1990	0.00	61,900.00
CLA.04.B.89	Flamingo Wash Bridge at Arville	Sept. 14, 1989 Sept. 13, 1990	190,000.00 130,000.00 ----- 320,000.00	Dec. 31, 1990	294,818.61	25,181.39
CLA.04.C.90	Flamingo Wash Brdgs. at Paradise and Palos Verde	July 12, 1990 July 12, 1990 April 11, 1991 June 13, 1991	750,000.00 450,000.00 300,000.00 202,000.00 ----- 1,702,000.00	Dec. 31, 1991	1,536,346.13	165,653.87
CLA.05.A.91	Duck Creek Channel Pachuca & Tomiyasu	Sept. 12, 1991 April 09, 1992	100,000.00 45,000.00 -----	Oct 1, 1992	33,665.14	111,334.86

PROJECT EXPENSE SUMMARY
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT DATE	INTERLOCAL AGREEMENT AMOUNT	INTERLOCAL AGREEMENT EXPIRATION DATE	GRAND TOTAL EXPENDED	AMOUNT REMAINING
			145,000.00			
CLA.06.A.91	Range Wash Detention Basin Facilities	Nov. 14, 1991	480,000.00	July 1, 1992	34,367.34	445,632.66
OUTLYING AREAS:						
BUN.01.A.90	Bunkerville Channel (aka Windmill Wash)	June 14, 1990 April 11, 1991	250,000.00 291,000.00	Dec. 31, 1991	119,603.95	421,396.05
		TOTAL	541,000.00			
GSP.01.A.88	Goodsprings Flood Control Improvements	June 9, 1988	99,000.00	Dec. 31, 1989	5,205.16	93,794.84
LAU.01.A.89	Laughlin Unnamed Wash	Sept. 14, 1989	350,000.00	Dec. 31, 1990	352,643.02	(2,643.02)
LAU.02.A.89	Laughlin Hiko Springs	Nov. 9, 1989	370,000.00	Dec. 31, 1990	364,993.44	5,006.56
LAU.02.B.92	Laughlin Hiko Springs Remap	Feb. 13, 1992	9,500.00	July 1, 1993	0.00	9,500.00

PROJECT EXPENSE SUMMARY
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT DATE	INTERLOCAL AGREEMENT AMOUNT	INTERLOCAL AGREEMENT EXPIRATION DATE	GRAND TOTAL EXPENDED	AMOUNT REMAINING
MOA.01.B.89	Moapa Valley Muddy River West Levee	May 11, 1989	200,000.00	Dec. 31, 1990	162,651.67	37,348.33
MOA.02.A.89	Moapa Valley Logan Wash (aka Benson Wash)	Sept. 14, 1989 June 13, 1991 Sept 12, 1991	173,000.00 77,000.00 90,000.00	Dec. 31, 1991	284,999.59	55,000.41
		TOTAL	340,000.00			
MOA.02.B.92	Moapa Valley Logan Wash Construction	Feb. 13, 1992	4,216,000.00	July 1, 1993	0.00	4,216,000.00
NEL.01.A.88	Nelson Flood Control Improvements	July 14, 1988	70,000.00	Dec. 31, 1989	2,961.95	67,038.05
SEA.01.A.88	Searchlight Flood Control Improvements	Apr. 14, 1988	172,000.00	Dec. 31, 1989	7,370.45	164,629.55
CITY OF BOULDER CITY:						
BOU.01.A.87	Hemenway Wash	Oct. 8, 1987 Sept. 13, 1990	205,000.00 70,000.00	July 1, 1988	1,397,025.62	3,091,974.38

PROJECT EXPENSE SUMMARY
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT DATE	INTERLOCAL AGREEMENT AMOUNT	INTERLOCAL AGREEMENT EXPIRATION DATE	GRAND TOTAL EXPENDED	AMOUNT REMAINING
		Mar. 14, 1991	4,064,000.00			
		July 9, 1992	150,000.00			
		TOTAL	4,489,000.00			
BOU.02.A.88	Georgia Avenue Channel	July 14, 1988	300,000.00	July 1, 1991	613,590.23	9,409.77
		March 8, 1990	500,000.00			
		June 13, 1991	(177,000.00)			
		TOTAL	623,000.00			
CITY OF HENDERSON:						
HEN.01.A.87	Pittman Wash Channel	Aug. 13, 1987	522,000.00	March 31, 1992	472,111.74	464,888.26
		Feb. 14, 1991	315,000.00			
		Feb. 13, 1992	100,000.00			
		TOTAL	937,000.00			
HEN.01.C.90	Pittman Wash Channel	Sept. 13, 1990	3,000,000.00	Jan. 31, 1992	2,464,810.38	535,189.62
HEN.02.A.89	Green Valley Parkway Bridge	Apr. 13, 1989	1,281,000.00	Sept. 1, 1989	1,068,714.23	212,285.77
HEN.03.A.91	UPRR Channel	Sept. 12, 1991	150,000.00	July 1, 1992	65,373.00	84,627.00

PROJECT EXPENSE SUMMARY
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT DATE	INTERLOCAL AGREEMENT AMOUNT	INTERLOCAL AGREEMENT EXPIRATION DATE	GRAND TOTAL EXPENDED	AMOUNT REMAINING
HEN.04.A.91	C-1 Channel System	Sept. 12, 1991	600,000.00	July 1, 1992	24,301.77	575,698.23
HEN.05.A.92	Sunset Det Basin Collection & Outfall	July 9, 1992	1,385,000.00		0.00	1,385,000.00
CITY OF LAS VEGAS:						
LAS.01.A.87	Angel Park Detention Basin Structure	July 9, 1987 Jan. 12, 1989 July 13, 1989	2,700.00 147,300.00 250,300.00	Jan. 1, 1991	391,546.41	8,753.59
		TOTAL	400,300.00			
LAS.02.A.87	Buffalo Channel (aka Angel Park/Gowan Detention Basin)	July 9, 1987 Jan. 12, 1989 July 13, 1989 Dec. 14, 1989	94,200.00 1,672,700.00 (250,300.00) 3,019,365.00	Jan. 1, 1991	4,039,960.01	496,004.99
		TOTAL	4,535,965.00			
LAS.02.B.91	Buffalo Channel (aka Angel Park/Gowan Detention Basin) Summerlin to Vegas Dr.	Sept. 12, 1991 April 09, 1992	110,000.00 20,000.00 130,000.00	Jan. 31, 1994	0.00	130,000.00
LAS.02.C.91	Buffalo Channel (aka Angel Park/Gowan	Oct. 10, 1991	588,898.00	Dec. 31, 1993	0.00	588,898.00

PROJECT EXPENSE SUMMARY
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT DATE	INTERLOCAL AGREEMENT AMOUNT	INTERLOCAL AGREEMENT EXPIRATION DATE	GRAND TOTAL EXPENDED	AMOUNT REMAINING

	Detention Basin) Westcliff to Summerlin					
LAS.02.D.92	Buffalo Channel Design Doe - Westcliff	July 9, 1992	93,000.00		0.00	93,000.00
LAS.03.B.89	Gowan Detention Basins & Outfall	Nov. 9, 1989 Sept. 13, 1990 June 13, 1991 Oct. 10, 1991 Nov. 14, 1991 April 09, 1992 July 9, 1992	650,000.00 75,000.00 5,700,000.00 57,625.00 No Net Change (1,107,625.00) 26,000.00	June 30, 1993	748,717.78	4,652,282.22
		TOTAL	5,401,000.00			
LAS 04.B.90	Oakey Blvd. System	April 12, 1990 Sept. 12, 1991 July 9, 1992	480,000.00 32,000.00 50,000.00	Jan. 30, 1992	503,137.10	58,862.90
		TOTAL	562,000.00			
LAS.04.C.91	Oakey Blvd. System Decatur Crossing	Oct. 10, 1991	35,000.00	Dec. 31, 1992	33,503.10	1,496.90
LAS.08.A.89	Carey Avenue/Lake Mead Detention and Conveyance	Sept. 14, 1989 April 12, 1990 May 9, 1991	1,980,000.00 570,000.00 4,200,000.00	Dec. 31, 1993	4,731,540.51	2,018,459.49

PROJECT EXPENSE SUMMARY
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT DATE	INTERLOCAL AGREEMENT AMOUNT	INTERLOCAL AGREEMENT EXPIRATION DATE	GRAND TOTAL EXPENDED	AMOUNT REMAINING
	System	Sept. 12, 1991	no net change			
		TOTAL	6,750,000.00			
LAS.09.A.89	Washington Avenue System	Sept. 14, 1989 Oct. 10, 1991	600,000.00 (58,000.00)	Dec. 31, 1992	311,034.69	230,965.31
		TOTAL	542,000.00			
LAS.09.B.91	Washington Avenue System Sandhill to Bruce	Oct. 10, 1991	471,000.00	Jan. 1, 1994	20,948.56	450,051.44
LAS.09.D.92	Washington Ave System Construction	July 9, 1992	2,437,000.00		0.00	2,437,000.00
LAS.10.A.91	Gowan North Channel	Sept. 12, 1991	100,000.00	Jan. 31, 1992	34,800.22	65,199.78
LAS.11.A.92	Angel Park-Peccole 1 Rampart Storm Drain	July 9, 1992	65,000.00		0.00	65,000.00
CITY OF MESQUITE:						
MES.01.B.89	Town Wash Detention Basin	July 13, 1989 Mar. 14, 1991	480,000.00 180,000.00	Dec. 1, 1991 Dec. 1, 1991	620,920.10	39,079.90

PROJECT EXPENSE SUMMARY
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT DATE	INTERLOCAL AGREEMENT AMOUNT	INTERLOCAL AGREEMENT EXPIRATION DATE	GRAND TOTAL EXPENDED	AMOUNT REMAINING
		TOTAL	660,000.00			
CITY OF NORTH LAS VEGAS:						
NLV.01.B.87	L.V. Wash/Craig to Civic Center (aka King Charles Diversion Channel)	Aug. 3, 1987 July 14, 1988 Sept. 14, 1989 June 14, 1990	1,000,000.00 no net change 500,000.00 880,600.00	July 31, 1993	2,302,742.93	77,857.07
		TOTAL	2,380,600.00			
NLV.03.A.88	West Range Wash Detention Basin	Apr. 14, 1988	360,000.00	May 1, 1991	307,984.25	52,015.75
NLV.03.C.91	West Range Wash Diversion Dike	June 13, 1991	350,000.00	July 1, 1992	150,516.19	199,483.81
NLV.04.A.89	Gowan Detention Basins Outfall Structure	May 11, 1989 Nov 8, 1990 Mar. 14, 1991	480,000.00 15,986,000.00 (3,046,000.00)	July 1, 1994	11,896,540.96	1,523,459.04
		TOTAL	13,420,000.00			
NLV.05.A.89	Upper LV Wash Detention Basin	Sept. 14, 1989 Mar. 14, 1991	650,000.00 1,000,000.00	Dec. 31, 1991	1,595,142.36	54,857.64
		TOTAL	1,650,000.00			

PROJECT EXPENSE SUMMARY
 FUND 443
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT DATE	INTERLOCAL AGREEMENT AMOUNT	INTERLOCAL AGREEMENT EXPIRATION DATE	GRAND TOTAL EXPENDED	AMOUNT REMAINING
NLV.06.A.91	Kyle Canyon Detention Basin	Sept. 12, 1991	450,000.00	Dec. 31, 1992	141,171.63	308,828.37
TOTALS			80,066,163.00		51,592,330.56	28,473,832.44

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WORK MAINTENANCE PROGRAM FY 90-91
 FUND 443
 REGIONAL FLOOD CONTROL DISTRICT

Page 1 of 2
 AS OF 06/30/92

ENTITY	ILA AMOUNT	P.O. NUMBER	P.O. AMOUNT	CURRENT EXPENDITURE	TOTAL EXPENDED	P.O. BALANCE	ILA BALANCE
CLARK COUNTY	500,000.00	22687	118,628.36	0.00	118,628.36	0.00	72,486.32
		22919	314,582.64	0.00	276,181.50	38,401.14	
		25801	24,683.00	0.00	19,489.52	5,193.48	
		15666	2,200.00	0.00	2,199.80	0.20	
		15665	9,950.00	0.00	9,950.00	0.00	
		20491	941.00	0.00	941.00	0.00	
		20492	123.50	0.00	123.50	0.00	
			471,108.50	0.00	427,513.68	43,594.82	

PAYMENTS OF \$30,686.83 HAVE BEEN PROCESSED AGAINST P.O. 22919 IN JULY BUSINESS. THIS P.O. AND P.O. #25801 WILL BE CLOSED OUT AS THERE ARE NO FURTHER PAYMENTS AND THE BALANCE OF THE P.O.'S AND THE ILA WILL BE RETURNED TO FUND 286 FOR FUTURE USE. A TOTAL OF \$41,799.49 WILL BE RETURNED IN JULY 92.

WORK MAINTENANCE PROGRAM FY 91-92
 FUND 443
 REGIONAL FLOOD CONTROL DISTRICT

Page 2 of 2
 AS OF 06/30/92

ENTITY	ILA AMOUNT	P.O. NUMBER	P.O. AMOUNT	CURRENT EXPENDITURE	TOTAL EXPENDED	P.O. BALANCE	ILA BALANCE
CLARK COUNTY	525,000.00	30742	75,000.00	0.00	0.00	75,000.00	505,591.10
		30007	14,431.40	0.00	10,903.90	3,527.50	
		30008	9,450.00	0.00	8,505.00	945.00	
		32242	6,000.00	0.00	0.00	6,000.00	
		32258	3,102.00	0.00	0.00	3,102.00	
		32241	2,500.00	0.00	0.00	2,500.00	
		22919	314,582.64	0.00	0.00	314,582.64	
LAS VEGAS	320,000.00	28880	320,000.00	0.00	0.00	320,000.00	320,000.00
NORTH LAS VEGAS	54,985.00	28144	54,985.00	13,862.00	38,294.00	16,691.00	16,691.00
HENDERSON	293,363.00	10	7,000.00	0.00	0.00	7,000.00	293,363.00
		11	16,000.00	0.00	0.00	16,000.00	
		12	20,000.00	0.00	0.00	20,000.00	
MESQUITE	49,430.20	29348	49,430.20	0.00	16,638.01	32,792.19	32,792.19
BOULDER CITY	90,000.00	30078	90,000.00	0.00	6,466.52	83,533.48	83,533.48
	1,332,778.20		982,481.24	13,862.00	80,807.43	901,673.81	1,251,970.77
TOTAL EXPENDITURES THIS PERIOD				13,862.00			

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REGIONAL FLOOD CONTROL DISTRICT
 CAPITAL IMPROVEMENT PROJECTS
 "PAY AS YOU GO" FUNDS (FUND 443)
 AS OF JUNE 1992

PROJECT NAME	PROJECT #	CURRENT ILA VALUE	SUPPLEMENTS OR NEW ILA'S
CLARK COUNTY:			
UPPER FLAMINGO WASH DETENTION BASIN & OUTFALL	CLA.01.A.87	7,713,000	
RAWHIDE CHANNEL EASTERN TO TOPAZ	CLA.02.D.90	1,265,000	
RAWHIDE CHANNEL McLEOD TO MTN. VISTA & PALM	CLA.02.E.91	180,000	
VAN BUSKIRK CHANNEL OUTFALL (FLAMINGO RD-FLAMINGO WASH)	CLA.03.B.90	3,760,000	
VAN BUSKIRK CHANNEL RIGHT-OF-WAY (DET. SITE E)	CLA.03.C.90	3,575,000	
VAN BUSKIRK CHANNEL SPENCER-ROCHELLE-TWAIN & UPSTREAM	CLA.03.D.91	650,000	200,000
FLAMINGO WASH BRIDGE AT EASTERN AVENUE	CLA.04.A.89	61,900	
FLAMINGO WASH BRIDGE AT ARVILLE	CLA.04.B.89	320,000	(25,181)
FLAMINGO WASH BRIDGES AT PARADISE AND PALOS VERDE	CLA.04.C.90	1,702,000	
DUCK CREEK BRIDGES AT TOMIYASU & LA CASITA	CLA.05.A.91	145,000	
RANGE WASH DETENTION BASIN FACILITIES	CLA.06.A.91	480,000	

		19,851,900	
OUTLYING AREAS:			
LAUGHLIN - UNNAMED WASH	LAU.01.A.89	350,000	
LAUGHLIN - MIKO SPRINGS	LAU.02.A.89	370,000	
LAUGHLIN - MIKO SPRINGS REMAP	LAU.02.B.92	9,500	
BUNKERVILLE CHANNEL(AKA WINDMILL WASH)	BUN.01.A.90	541,000	
MOAPA VALLEY - MUDDY RIVER WEST LEVEE	MOA.01.B.89	200,000	
MOAPA VALLEY - LOGAN WASH (AKA BENSON WASH)	MOA.02.A.89	340,000	
MOAPA VALLEY - LOGAN WASH CHANNEL	MOA.02.B.92	4,216,000	
GOODSPRINGS FLOOD CONTROL IMPROVEMENTS	GSP.01.A.88	99,000	
NELSON FLOOD CONTROL IMPROVEMENTS	NEL.01.A.88	70,000	
SEARCHLIGHT FLOOD CONTROL IMPROVEMENTS	SEA.01.A.88	172,000	

		6,367,500	
CITY OF HENDERSON:			
PITTMAN WASH CHANNEL (PHASE III)	HEN.01.A.87	937,000	
PITTMAN WASH CHANNEL (CONSTRUCTION-PHASE I)	HEN.01.C.90	3,000,000	
GREEN VALLEY PARKWAY BRIDGE	HEN.02.A.89	1,281,000	(152,486)
UPRR CHANNEL	HEN.03.A.91	150,000	
C-1 CHANNEL SYSTEM	HEN.04.A.91	600,000	
SUNSET DETENTION BASIN/COLLECTION SYSTEM & OUTFALL	HEN.05.A.92	1,385,000	

		7,353,000	
CITY OF LAS VEGAS:			
ANGEL PARK DETENTION BASIN STRUCTURE (CLVV-1)	LAS.01.A.87	400,300	
ANGEL PARK/GOWAN CONVEYANCE (AKA BUFF CHNL CLVV-2)	LAS.02.A.87	4,535,965	
ANGEL PK/GOWAN DET BSN(BUF CHL)SUMMERLIN-VEGAS DR	LAS.02.B.91	130,000	
ANGEL PK/GOWAN DET BSN(BUF CHL)WESTCLIFF-SUMMERLIN	LAS.02.C.91	588,898	
BUFFALO CHANNEL DESIGN (DOE-WESTCLIFF)	LAS.02.D.92	93,000	
GOWAN OUTFALL AND CONVEYANCE SYSTEM	LAS.03.B.89	5,401,000	
OAKEY BLVD DETENTION & CONVEYANCE SYSTEM	LAS.04.B.90	562,000	
OAKEY BLVD DETENTION & CONVEYANCE (DECATUR X-ING)	LAS.04.C.91	35,000	
ALTA STORM DRAIN	LAS.PENDING		954,800

REGIONAL FLOOD CONTROL DISTRICT
 CAPITAL IMPROVEMENT PROJECTS
 "PAY AS YOU GO" FUNDS (FUND 443)
 AS OF JUNE 1992

PROJECT NAME	PROJECT #	CURRENT ILA VALUE	SUPPLEMENTS OR NEW ILA'S

CAREY AVENUE/LAKE MEAD DET & CONVEYANCE SYSTEM	LAS.08.A.89	6,750,000	
WASHINGTON AVE CONVEYANCE SYSTEM (CLVV-9)	LAS.09.A.89	542,000	
WASHINGTON AVE SYSTEM - SANDHILL TO BRUCE	LAS.09.B.91	471,000	
WASHINGTON AVE SYSTEM - CONSTRUCTION	LAS.09.D.92	2,437,000	
GOWAN NORTH CHANNEL	LAS.10.A.91	100,000	
ANGEL PARK-PECCOLE 1 (RAMPART STORM DESIGN)	LAS.11.A.92	65,000	

		22,111,163	
CITY OF MESQUITE:			
TOWN WASH DETENTION BASIN (DSG)	MES.01.B.89	660,000	

		660,000	
CITY OF NORTH LAS VEGAS:			
L V WASH CRAIG-CIVIC CENTER(AKA KING CHARLES DIV)	NLV.01.B.87	2,380,600	
EAST RANGE WASH DETENTION BASIN	NLV.03.A.88	360,000	
WEST RANGE WASH DIVERSION DIKE	NLV.03.C.91	350,000	
GOWAN DETENTION BASINS 'OUTFALL (STIMSON EXTENSION)	NLV.04.A.89	13,420,000	
UPPER LAS VEGAS WASH DETENTION BASIN (DSND & ROW)	NLV.05.A.89	1,650,000	
KYLE CANYON DETENTION BASIN	NLV.06.A.91	450,000	

		18,610,600	
BOULDER CITY:			
HENENWAY WASH	BOU.01.A.87	4,489,000	
GEORGIA AVENUE CHANNEL	BOU.02.A.88	623,000	(9,410)

		5,112,000	

FUND 444 - FUND BALANCE REPORT
 REGIONAL FLOOD CONTROL DISTRICT
 JUNE 1992

BEGINNING FUND BALANCE		77,092,151
REVENUES:		
3550 - INTEREST EARNED	926	
9999 - INTEREST EARNED	183,303	
	-----	184,229
EXPENSES:		
EXPENSES IN MARCH	(1,339,914)	
	-----	(1,339,914)
ENDING FUND BALANCE (FUND 444)		75,936,466
		=====

CURRENT OBLIGATIONS AGAINST BOND FUNDS

ACCOUNTS PAYABLE	776,662	
BALANCE REMAINING ON PROJECT FUNDED TO DATE	46,611,395	
	-----	47,388,057

UNOBLIGATED BOND FUNDS		28,548,408
		=====

CURRENT FUNDING REQUESTS

ENTITY	SCOPE	FISCAL IMPACT
-----		-----
LAS.02.E.92	BUFFALO CHANNEL (SUMMERLIN - VEGAS)	2,245,500
LAS.03.C.91	GOWAN DETENTION BASIN	(3,400,000)

	TOTAL REQUESTS FOR FUNDING	(1,154,500)

	BALANCE	29,702,908
		=====

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MONTHLY EXPENDITURE REPORT
 REGIONAL FLOOD CONTROL DISTRICT
 FUND 444
 MONTH ENDING JUNE 1992

PROCESS DATE	VENDOR NAME	P.O. NUMBER	PROJECT NUMBER	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT
05.29.92	MEADOW VALLEY CONTRACTORS	31052	CLA02F92	1	05.18.92	2,677.50
06.02.92	COE & VAN LOO	28872	BOU01A87	39159	05.15.92	37,673.10
06.02.92	COE & VAN LOO	28872	BOU01A87	39101	05.15.92	10,298.09
06.16.92	FREHNER CONSTRUCTION	28879	HEN01D91	6	06.06.92	421,123.68
06.02.92	CITY OF LAS VEGAS	29351	LAS09C91	7907	05.21.92	129,459.50
06.16.92	CITY OF LAS VEGAS	29351	LAS09C91	7965	06.05.92	365,370.30
06.02.92	PROGRESSIVE CONTRACTING	29034	MES01B89	6	05.29.92	314,988.65
06.08.92	GRANITE CONSTRUCTION CO	31267	NLV05B92	1	05.30.92	58,323.60
						----- 1,339,914.42 -----

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ACCOUNTS PAYABLE FOR JUNE 1992
 REGIONAL FLOOD CONTROL DISTRICT
 FUND 444

PROCESS DATE	VENDOR NAME	P.O. NUMBER	PROJECT #/ EXP CLASS	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT
06.25.92	CITY OF LAS VEGAS	29351	LAS09C91	7993	06.22.92	336,379.70
06.25.92	CITY OF LAS VEGAS	29351	LAS09C91	7981	06.18.92	2,733.48
06.30.92	PROGRESSIVE CONTRACTING	29034	MES01B89	7	06.24.92	417,138.68
06.25.92	CITY OF NO. LAS VEGAS	30741	NLV05B89	AR2139	06.12.92	3,806.10
06.30.92	CITY OF NO. LAS VEGAS	30741	NLV05B92	AR2160	06.25.92	16,604.29

						776,662.25
						=====

PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT
 FUND 444
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT DATE	INTERLOCAL AGREEMENT AMOUNT	INTERLOCAL AGREEMENT EXPIRATION	GRAND TOTAL EXPENDED	AMOUNT REMAINING

CLARK COUNTY:						
CLA.02.F.91	RAWHIDE CHANNEL	02.13.92	1,391,000	03.31.93	2,678	1,982,808
		07.09.92	594,485			

			1,985,485			
CLA.03.E.92	VAN BUSKIRK SYSTEM (ROCHELLE-MCCLLOUD)	06.11.92	921,800	07.01.93		921,800
CLA.03.F.92	VAN BUSKIRK CHANNEL (PHASE V IMPROVEMENTS)	07.09.92	1,627,000	07.01.93		1,627,000
BOULDER CITY:						
BOU.01.A.87	Hemenway Wash	11.14.91	1,327,000	12.01.92		
BOU.01.A.87	Hemenway Wash	02.13.92	(460,000)			

			867,000		620,973	246,027
HENDERSON:						
HEN.01.D.91	Pittman Wash Chnl Phase II	11.14.91	2,520,000	07.31.92	1,420,738	1,099,262
HEN.03.B.91	UPRR Channel	03.12.92	2,600,000	01.31.93	0	2,600,000

PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT
 FUND 444
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT DATE	INTERLOCAL AGREEMENT AMOUNT	INTERLOCAL AGREEMENT EXPIRATION	GRAND TOTAL EXPENDED	AMOUNT REMAINING
LAS VEGAS:						
LAS.03.C.91	Gowan Detention Basin	11.14.91	10,900,000	03.31.94	20,224	10,879,776
LAS.04.D.92	Oakey Blvd Detention Basin	05.09.92	9,519,200	11.01.94	0	9,519,200
LAS.09.C.91	Washington Ave. System - Sandhill Outfall	11.14.91	1,700,000	07.01.94	498,466	1,201,534
MESQUITE:						
MES.01.B.89	Town Wash Detention Basin	11.14.91 04.09.92	5,448,304 (1,310,800)	07.01.93	2,712,706	1,424,798
			4,137,504			
NORTH LAS VEGAS:						
NLV.05.B.92	Upper Las Vegas Wash Detention Basin	01.09.92	12,900,000 (3,950,000)	07.30.93	58,324	8,891,676
			8,950,000			

PROJECT EXPENSE/INTERLOCAL AGREEMENT BALANCE REPORT
 FUND 444
 CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT NUMBER	PROJECT NAME	INTERLOCAL AGREEMENT DATE	INTERLOCAL AGREEMENT AMOUNT	INTERLOCAL AGREEMENT EXPIRATION	GRAND TOTAL EXPENDED	AMOUNT REMAINING

OUTLYING AREAS:						
LAU.01.A.89	Unnamed Wash	03.12.92	4,100,000	12.31.92	0	4,100,000

TOTALS			51,945,504		5,334,109	46,611,395

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BOND PROJECTS
FUND 444 OBLIGATIONS

AS OF 21-Jul-92

PROJECT NAME	PROJECT #	ORIG FUND ALLOCATION	OBLIGATED FUNDS	FUND BALANCE	DATE RFCD APPVD	CURRENT FUNDING REQUESTS
CLARK COUNTY						
EAST RANGE WASH DETENTION BASIN	CLA.06.A.91	8,620,000		8,620,000		
RAWHIDE CHANNEL IMPROVEMENTS	CLA.02.F.92	2,820,000	1,391,000		02/13/92	
RAWHIDE CHANNEL ANNIE OAKLEY-PALM	CLA.02.F.92		594,485	834,515	07/09/92	
VAN BUSKIRK SYSTEM IMPROVMENTS	CLA.03.D.91	7,078,200		7,078,200		
VAN BUSKIRK SYSTEM	CLA.03.E.92	921,800	921,800	0	06/11/92	
	CLA.03.F.92	0	1,627,000	(1,627,000)	07/09/92	
CLARK COUNTY OUTLYING AREAS						
UNNAMED WASH - LAUGHLIN	LAU.01.B.92	4,100,000	4,100,000	0	03/12/92	
CITY OF LAS VEGAS						
BUFFALO CHANNEL (SUMMERLIN PKWY)	LAS.02.B.91	1,500,000		1,500,000		
	LAS.02.E.92				PROPOSED	2,245,500
GOWAN DETENTION BASINS	LAS.03.C.91	10,240,000	10,900,000	(660,000)	11/14/91	
	LAS.03.C.91				PROPOSED	(3,400,000)
OAKLEY BLVD. DETENTION BASIN	LAS.04.D.92	7,970,000	9,519,200	(1,549,200)	05/09/92	
WASHINTON AVE/SANDHILL OUTFALL	LAS.09.C.91	1,700,000	1,700,000	0	11/14/91	
CITY OF HENDERSON						
C-1 CHANNEL SYSTEM	HEN.04.A.91	6,000,000		6,000,000		
PITTMAN WASH CHANNEL -PHASE 2	HEN.01.D.91	3,470,000	2,520,000	950,000	11/14/91	
PITTMAN WASH CHANNEL -PHASE 3	HEN.01.A.87	3,162,200		3,162,200		
UPRR CHANNEL	HEN.03.B.92	2,300,000	2,600,000	(300,000)	03/12/92	
CITY OF BOULDER CITY						
HENENWAY WASH	BOU.01.A.87	0	1,327,000	(1,327,000)	11/14/91	
			(460,000)	(867,000)	02/13/92	
CITY OF MESQUITE						
TOWN WASH DETENTION BASIN	MES.01.B.89	5,448,304	5,448,304	0	11/14/91	
			(1,310,800)	1,310,800	04/09/92	
CITY OF NORTH LAS VEGAS						
UPPER LAS VEGAS WASH DET BASIN	NLV.05.B.92	12,800,000	12,900,000	(100,000)	01/9/92	
			(3,950,000)	3,950,000	05/09/92	
WEST RANGE WASH DIVERSION DIKE	NLV.03.A.88	4,000,000		4,000,000		
		82,130,504	49,827,989	30,975,515		(1,154,500)

FUNDING REQUESTS AND PRIORITIES REPORT (FY 92/93)

4-Aug-92

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Requests Received		Project Description	Amount	Entity	Funding Priority Numbers		
#	Date				FY 92/93 List	Bond List	Comments/ Approval Date
1	9-Jun	Oakey Detention System - 2nd Suppl.	\$50,000	CLV	93-1		9-Jul-92
2	9-Jun	Rawhide Channel - 1st Suppl.	\$594,485	CC		93-1B	9-Jul-92
3	9-Jun	Sunset Detention Basin	\$1,385,000	HEND	93-2		9-Jul-92
4	9-Jun	Rampart Storm Drain	\$65,000	CLV	93-3		9-Jul-92
5	9-Jun	Buffalo Ch. (Westcliff - Doe)	\$93,000	CLV	93-4		9-Jul-92
6	9-Jun	Gowan Detention Basins - 7th Suppl.	\$26,000	CLV	93-5		9-Jul-92
7	9-Jun	Van Buskirk Phase V	\$1,627,000	CC		93-2B	9-Jul-92
8	14-Jul	Gowan Detention Basins - 1st Suppl.	(\$3,400,000)	CLV		93-3B	
9	14-Jul	Buffalo Channel; Summerlin to Vegas Dr.	\$2,245,500	CLV		93-4B	
10	14-Jul	Alta Storm Drain (Meadows Ph. 5)	\$954,800	CLV	93-6		
11	14-Jul	Logan Wash Channel/Diversion	\$0	CC	93-7		
12	14-Jul	Van Buskirk Channel - 2nd Suppl.	\$200,000	CC	93-8		
13	14-Jul	UPRR Channel - 1st Suppl.	\$0	HEND	93-9		
14	21-Jul	Las Vegas Wash (Craig - Civic) - 4th Suppl.	\$60,000	NLV	93-10		

NOTES:

- a - resubmit or hold funding request
- b - Master Plan Amendment required
- c - environmental clearances required
- d - right-of-way required
- e - engineering study required
- f - project presentation required
- g - Policies & Procedures not followed

FY 92/93 PROJECT LIST - FUNDING REQUEST SUMMARY THROUGH 7/22/92

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Facility Description	Amount Programmed	Funding Request	Program Amount Difference	
LAS VEGAS (Central Las Vegas Valley) :				
Carey Ave/Lake Mead Detention Basin [under construction]	Funded			
Oakey Detention Basin and Collection System [begin basin & outfall const./const. part of collection sys.]	Design funded/part of const. on Bond List \$1,099,200	\$50,000	\$1,049,200	
Oakey Detention Basin Outfall [begin construction]	Design funded/const. on Bond List			
Gowan Outfall Structure (Decatur - Tenaya Way) [under construction]	Funded			
Gowan Detention Basins [begin construction]	Funded	\$26,000	(\$26,000)	
Angel Park Detention Basin Expansion [complete expansion]	\$100,000		\$100,000	
Cheyenne Channel [complete channel from Buffalo to basin/upgrade bridges]	\$908,000		\$908,000	
Peccole Ranch Outfalls (Rampart Storm Drain) [design Rampart storm drain]	\$65,000	\$65,000	\$0	
Washington Ave. Ch. - Reach 1 (LV Wash - Honolulu) [const. from Las Vegas Wash to Virgil Street]	Des. funded/funding accelerated			
Washington Ave. Ch. - Reach 2 (Honolulu - Mojave Rd) [complete design]	Design funded			
Washington Ave. Ch. - Reach 3 (Mojave Rd - 24th St) [complete design]	Design funded			
Washington Ave Ch. Parallel Drain to F St. [ROW acquisition]	\$270,000		\$270,000	
Buffalo Channel (Vegas Dr - Charleston) [const. north of Westcliff/design south of Westcliff]	Part of design & const. funded \$188,000	\$93,000	\$95,000	
Gowan North Channel (Detention Basin - Lone Mountain) [complete predesign]	Predesign funded			
Gowan North Ch. (Lone Mountain - CAM-10 Det. Basin) [complete predesign]	Predesign funded			
CAM-10 Detention Basin (West Centennial) [predesign]	\$50,000		\$50,000	
Lone Mountain Detention Basin [predesign]	\$50,000		\$50,000	
Meadows Phase V, Alta Drive Storm Drain (Falcon to Jones) [construction]	\$954,800	\$954,800	\$0	
I-15 Freeway Channel (Sahara to Ivanhoe) [NDOT oversizing construction]	\$600,000	\$0	\$600,000	
Las Vegas FY 92/93 Total :		\$4,285,000	\$1,188,800	\$3,096,200

FY 92/93 PROJECT LIST - FUNDING REQUEST SUMMARY THROUGH 7/22/92

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Facility Description	Amount Programmed	Funding Request	Program Amount Difference
HENDERSON :			
UPRR Channel [under construction]	Funded		
Lower C-1 Channel (Lake Mead Dr. - Drake St.) [complete design/construction to begin]	Design funded/const. on Bond List		
Sunset Det. Basin, Collection Sys. & Outfall (incl. ROW) [predesign & ROW acquisition of basin]	\$1,385,000	\$1,385,000	\$0
Mission Hills Det. Basin & Collection System (incl. ROW) [complete design/construction to begin]	Design part funded/part of const. on Bond List		
Pittman Wash (Sunset - UPRR) & Pittman Park Det. Basin [channel under construction/complete basin predesign]	Design funded/channel const. funded		
Pittman Wash (Duck Creek - Stephanie St) [complete design]	Design funded		
Henderson FY 92/93 Total :		\$1,385,000	\$1,385,000 \$0
NORTH LAS VEGAS (Northern Las Vegas Valley) :			
Confluence Detention Basin (incl. ROW) [complete design/begin construction]	Design funded/construction on Bond List		
Upper Las Vegas Wash Interception Berm/Channel [under construction]	Funded		
Upper Las Vegas Wash Detention Basin [under construction]	Funded		
North Las Vegas Detention Basin (outlet modifications) [construct modifications]	\$30,000		\$30,000
West Range Wash Diversion Dike [begin construction]	Design funded/part of const. on Bond List \$1,200,000		\$1,200,000
Sloan Channel (Las Vegas Wash - Confluence Det. Basin) [design]	\$800,000		\$800,000
Kyle Canyon Detention Basin (incl. ROW) [complete design/ROW acquisition]	Design funded \$100,000		\$100,000
Las Vegas Wash (Craig to Civic) ,[complete construction]	\$60,000	\$60,000	\$0
North Las Vegas FY 92/93 Total :		\$2,190,000	\$60,000 \$2,130,000

FY 92/93 PROJECT LIST - FUNDING REQUEST SUMMARY THROUGH 7/22/92

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Facility Description	Amount Programmed	Funding Request	Program Amount Difference
CLARK COUNTY (Southwest Las Vegas Valley) :			
Van Buskirk Outfall (Flamingo Wash - Flamingo Rd) [under construction]	Funded		
Van Buskirk Channel Upgrades Detention Basin C [complete design/begin construction]	Design funded/const. on Bond List		
Van Buskirk - Twain, McLeod, Viking, & Tompkins Systems [complete design/begin construction]	Design funded/const. on Bond List \$1,000,000	\$200,000	\$800,000
Tropicana Detention Basin (incl. ROW) [pre-design/ROW acquisition]	\$500,000		\$500,000
Van Buskirk Detention Basin (ROW acq.) [complete ROW acquisition]	Funded		
Rawhide Channel (remaining system) [complete design/construction]	Design & part const. funded/ remaining const. on Bond List		
Flamingo Wash (Tropicana Wash to Decatur Blvd) [complete design/const. Winnick improvements]	Part of const. on June 1992 List \$1,500,000		\$1,500,000
Duck Creek (Mountain Vista to UPRR) [complete design/const. Tomiyasu & Pachuca bridges]	Design funded/const. on June 1992 List \$353,000		\$353,000
Clark County (SWLVV) FY 92/93 Total :		\$200,000	\$3,153,000
CLARK COUNTY (Outlying Areas) :			
Logan Wash Diversion [construct diversion]	Design funded \$800,000		\$800,000
Goodsprings - Phase 1 Improvements [begin construction]	Design funded \$303,000		\$303,000
Searchlight - Eastern portion improvements [begin construction]	Design funded \$346,000		\$346,000
Bunkerville [complete design]	Design funded		
West Levee - Muddy River [complete design]	Design funded		
Clark County (Outlying) FY 92/93 Total :		\$0	\$1,449,000
FY 92/93 Total :		\$2,833,800	\$9,828,200

BOND PROJECT LIST - FUNDING REQUEST SUMMARY THROUGH 7/22/92

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HYDROGRAPHIC BASIN	TOTAL OF BOND PROJECTS	FUNDING REQUESTS	PROGRAM AMOUNT DIFFERENCE
SOUTHWEST LAS VEGAS VALLEY			
Rawhide Channel	\$2,820,000	\$1,985,485	\$834,515
Van Buskirk System	\$8,000,000	\$2,548,800	\$5,451,200
TOTAL - SWLVV	\$10,820,000	\$4,534,285	\$6,285,715
OUTLYING AREAS (CLARK COUNTY)			
Laughlin (51% of Unnamed Wash)	\$4,100,000	\$4,100,000	\$0
TOTAL - OUTLYING AREAS	\$4,100,000	\$4,100,000	\$0
CENTRAL LAS VEGAS VALLEY			
Gowan Detention Basins Const	\$10,240,000	\$7,500,000	\$2,740,000
Oakey Blvd. Detention Basin	\$7,970,000	\$9,519,200	(\$1,549,200)
Washington Ave. System (Sandhill Outlet)	\$1,700,000	\$1,700,000	\$0
Buffalo Channel (Summerlin Prkway. to Vegas)	\$1,500,000	\$2,245,500	(\$745,500)
TOTAL - CLVV	\$21,410,000	\$20,964,700	\$445,300
NORTHERN LAS VEGAS VALLEY			
Upper Las Vegas Wash Detention Basin	\$12,800,000	\$8,950,000	\$3,850,000
West Range Wash Diversion Dike	\$4,000,000		\$4,000,000
East Range Wash Detention Basin	\$8,620,000		\$8,620,000
TOTAL - NLVV	\$25,420,000	\$8,950,000	\$16,470,000
HENDERSON			
Pittman Wash Channel (Phase II)	\$3,470,000	\$2,520,000	\$950,000
Pittman Wash Channel (Phase III)	\$3,162,200		\$3,162,200
UPRR Channel	\$2,300,000	\$2,600,000	(\$300,000)
Black Mtn Dam/C-1 Channel System	\$6,000,000		\$6,000,000
TOTAL - HENDERSON	\$14,932,200	\$5,120,000	\$9,812,200
MESQUITE			
Town Wash Detention Basin	\$5,448,304	\$4,137,504	\$1,310,800
TOTAL - MESQUITE	\$5,448,304	\$4,137,504	\$1,310,800
BOULDER CITY			
(no projects)	\$0		\$0
Hemenway Wash - 4th Suppl.		\$1,327,000	(\$1,327,000)
Hemenway Wash - 5th Suppl.		(\$460,000)	\$460,000
TOTAL - BOULDER CITY	\$0	\$867,000	(\$867,000)
Totals	\$82,130,504	\$48,673,489	\$33,457,015
Bond Fund	\$80,000,000		

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUTS

RECOMMENDATION SUMMARY

STAFF: Approve.

TECHNICAL COMMITTEE: Approve.

CITIZENS COMMITTEE: Approve.

**RFCD AGENDA
ITEM # 23
Date: 8/13/92**

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:
FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUTS
PETITIONER:
VIRGINIA BAX-VALENTINE, P.E., GENERAL MANAGER/CHIEF ENGINEER

RECOMMENDATION OF PETITIONER:
THAT THE BOARD ACCEPT THE FINAL ACCOUNTING REPORTS AND CLOSE OUT THE INTERLOCAL AGREEMENTS

FISCAL IMPACT:

\$228,876.87 to be transferred back into Fund 286 for future project use

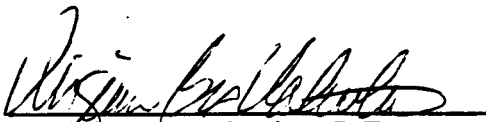
BACKGROUND:

Final accounting reports have been prepared for District funded projects which have either been completed or expired. The attached reports represent an accurate accounting of the charges and the remaining balances. Upon approval, no additional funds can be expended for these projects.

Final accounting reports have been prepared and approved by the corresponding entity for the following projects:

<u>PROJECT</u>	<u>ENTITY</u>	<u>BALANCE</u>
Oakey Blvd Detention & Conveyance at Decatur Crossing	City of Las Vegas	\$ 0.00
Green Valley Parkway Bridge	City of Henderson	152,486.22
Georgia Avenue Channel	Boulder City	\$9,409.77
Maintenance Work Plan 90/91	Clark County	41,799.49
Rawhide Channel Eastern Avenue Drainage Structure	Clark County	0.00
Flamingo Wash Bridge at Arville	Clark County	<u>25,181.39</u>
TOTAL		\$228,876.87

Respectfully submitted,


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

TAC AGENDA ITEM # 12 Date: 7/30/92	RFCD AGENDA ITEM # 23 Date: 8/13/92
--	---

CAC AGENDA ITEM # 10 Date: 8/3/92

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 7/22/92

FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUTS

See agenda item.

Staff Recommendation:

Approve.

Discussion By Technical Advisory Committee

AGENDA
12 Date: 7/30/92

Recommendation:

Approve.

Discussion By Citizens Advisory Committee

AGENDA
10 Date: 8/3/92

Recommendation:

Approve.

FINAL ACCOUNTING REPORT

AS OF 24-Jun-92

INTERLOCAL AGREEMENT: OAKLEY BLVD DETENTION & CONVEYANCE
 AT DECATUR CROSSING

PROJECT NUMBER: LAS.04.C.91

SCOPE OF WORK: STORM DRAIN CONSTRUCTION, CONSTRUCTION
 ENGINEERING & INSPECTION


ILA VALUE	AMOUNT ENCUMBERED	TOTAL UNENCUMBERED
35,000.00	35,000.00	0.00

OPEN PURCHASE ORDERS: VENDOR NAME	P.O. #	P.O. AMOUNT	AMOUNT SPENT	P.O. BALANCE
CITY OF LAS VEGAS	30081	35,000.00	33,313.80 35,000.00	1,686.20 &

pd invoices for 189.30
 6/25/92 1496.90
1686.20

TOTAL	<u>1,686.20</u> &
	1,686.20 &
	0.00
	1,686.20 &

PURCHASE ORDER BALANCE TO BE RETURNED TO FUND 286:
 ILA BALANCE TO BE RETURNED TO FUND 286:

OK
 ACCEPTED AND APPROVED: AS CHANGED


DIRECTOR OF PUBLIC WORKS

7-14-92
 DATE

concur with P balance
 Johnson 7/15/92

FINAL ACCOUNTING REPORT

AS OF 24-Jun-92

INTERLOCAL AGREEMENT: GREEN VALLEY PARKWAY BRIDGE
PROJECT NUMBER: HEN.02.A.89
SCOPE OF WORK: CONSTRUCTION, INSPECTION, TESTING SURVEY

ILA VALUE	AMOUNT ENCUMBERED	TOTAL UNENCUMBERED
1,281,000.00	1,201,830.00	79,170.00

OPEN PURCHASE ORDERS: VENDOR NAME	P.O. #	P.O. AMOUNT	AMOUNT SPENT	P.O. BALANCE
CITY OF HENDERSON	13504	204,485.27	131,169.05	73,316.22

TOTAL 73,316.22

PURCHASE ORDER BALANCE TO BE RETURNED TO FUND 286: 73,316.22
ILA BALANCE TO BE RETURNED TO FUND 286: 79,170.00

\$ 152,486.22

ACCEPTED AND APPROVED:
Mark G. Colborn
DIRECTOR OF PUBLIC WORKS

6/29/92
DATE



CITY OF HENDERSON

CITY HALL

240 WATER STREET

702/565-2323

HENDERSON, NEVADA 89015-7200

Gateway to Lake Mead Resorts

June 29, 1992

Mr. Dennis L. Johnson
Manager, Business and Finance
Regional Flood Control District
301 E. Clark, Suite 300
Las Vegas, NV 89102

Dear Mr. Johnson:

RE: HEN.02.A.89 Green Valley Parkway Bridge

Mark has reviewed the final accounting report and has signed same.

If you have any questions, please call me at 565-2339.

Sincerely,

A handwritten signature in cursive script, appearing to read "Pat".

Pat Swartzlander
Administrative Secretary

/ps

Enclosure

RECEIVED

JUL 6 1992

REGIONAL
FLOOD CONTROL DISTRICT

FINAL ACCOUNTING REPORT

AS OF 24-Jun-92

INTERLOCAL AGREEMENT: GEORGIA AVE CHANNEL
PROJECT NUMBER: BOU.02.A.88
SCOPE OF WORK: PREDESIGN/DESIGN, ENGINEERING/LOMR
CONSTRUCTION

ILA VALUE	AMOUNT ENCUMBERED	TOTAL UNENCUMBERED
----- 623,000.00	----- 614,858.84	----- 8,141.16

OPEN PURCHASE ORDERS: VENDOR NAME	P.O. #	P.O. AMOUNT	AMOUNT SPENT	P.O. BALANCE
----- KENNEDY/JENKINS	----- 21595	----- 21,000.00	----- 19,731.39	----- 1,268.61

TOTAL	----- 1,268.61 -----
-------	----------------------------

PURCHASE ORDER BALANCE TO BE RETURNED TO FUND 286:	1,268.61
ILA BALANCE TO BE RETURNED TO FUND 286:	8,141.16

	\$ 9,409.77

ACCEPTED AND APPROVED:
Oliver S. G...
DIRECTOR OF PUBLIC WORKS

June 30, 1992
DATE

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

Mr. John Murdock
Page 2
July 22, 1992

Project: 90/91 MAINTENANCE WORK PLAN
Value of ILA: \$500,000

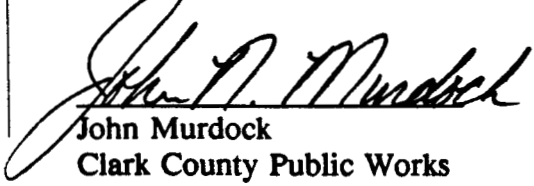
<u>Scope</u>	<u>I/L Value</u>	<u>PO Value</u>	<u>Balance</u>
Maintenance Costs	\$500,000.00	471,108.50	28,891.50
TOTALS	\$500,000.00	\$471,108.50	\$28,891.50

<u>Purchase Orders</u>	<u>PO#</u>	<u>Value</u>	<u>Expended</u>	<u>Balance</u>
BAT Rentals	15666	\$ 2,200.00	\$ 2,199.80	\$ 0.20
Boulder Construction	15665	9,950.00	9,950.00	-0-
Helena Chemicals	20492	123.50	123.50	-0-
Inter. Farmers	20491	941.00	941.00	-0-
Boulder Construction	22919	314,582.64	306,868.33	7,714.31
Clark County	22687	118,628.36	118,628.36	-0-
American Fence Co.	25801	24,683.00	19,489.52	5,193.48
TOTALS		\$471,108.50	\$457,226.98	\$12,907.79

Total unencumbered funds on 90/91 Interlocal Contract: **\$28,891.50**
 Total value of purchase orders remaining to be closed out: **\$12,907.99**
Total Funds to be Returned for Reallocation **\$41,799.49**

Final action required before close out (if any):

Acknowledged:


 John Murdock
 Clark County Public Works

7-23-92
 Dated

FINAL ACCOUNTING REPORT

AS OF 24-Jun-92

INTERLOCAL AGREEMENT: FLAMINGO WASH BRIDGE AT ARVILLE ✓

PROJECT NUMBER: CLA.04.B.89

SCOPE OF WORK: CONSTRUCTION ENGINEERING, CONTRACT ADMIN.
CONSTRUCTION

ILA VALUE	AMOUNT ENCUMBERED	TOTAL UNENCUMBERED
-----	-----	-----
320,000.00	304,033.80	15,966.20

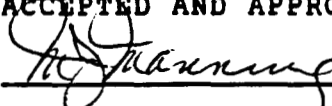
OPEN PURCHASE ORDERS:

VENDOR NAME	P.O. #	P.O. AMOUNT	AMOUNT SPENT	P.O. BALANCE
-----	-----	-----	-----	-----
WELLS CARGO	12554	291,033.80	290,933.80	100.00
CC PUBLIC WORKS	17140	13,000.00	3,884.81	9,115.19

TOTAL 9,215.19

PURCHASE ORDER BALANCE TO BE RETURNED TO FUND 286: 9,215.19
 ILA BALANCE TO BE RETURNED TO FUND 286: 15,966.20

 \$ 25,181.39

ACCEPTED AND APPROVED:


 DIRECTOR OF PUBLIC WORKS

7-29-92

 DATE

FINAL ACCOUNTING REPORT

AS OF 24-Jun-92

INTERLOCAL AGREEMENT:

RAWHIDE CHANNEL EASTERN AVE
DRAINAGE STRUCTURE

PROJECT NUMBER:

CLA.02.B.90

SCOPE OF WORK:

CONSTRUCTION

ILA VALUE	AMOUNT ENCUMBERED	TOTAL UNENCUMBERED
155,540.00	155,540.00	0.00

OPEN PURCHASE ORDERS:

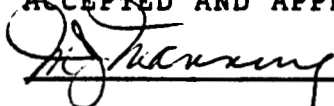
VENDOR NAME	P.O. #	P.O. AMOUNT	AMOUNT SPENT	P.O. BALANCE
CC PUBLIC WORKS	10596	155,540.00	155,540.00	0.00

TOTAL 0.00

PURCHASE ORDER BALANCE TO BE RETURNED TO FUND 286:
ILA BALANCE TO BE RETURNED TO FUND 286:

0.00
0.00
\$ 0.00

ACCEPTED AND APPROVED:



DIRECTOR OF PUBLIC WORKS

7-29-92
DATE