NOTICE OF PUBLIC MEETING

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

MAY 11, 1989
8:45 A.M.

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

FOR ADDITIONAL INFORMATION CONTACT:
VIRGINIA BAX-VALENTINE, P.E., GENERAL MANAGER
301 EAST CLARK STREET, SUITE 300
LAS VEGAS, NEVADA 89101
455-3139

POSTED: May 5, 1989
CITY OF NORTH LAS VEGAS
CLARK COUNTY BRIDGER BUILDING
CITY OF LAS VEGAS CITY HALL
REGIONAL FLOOD CONTROL DISTRICT

BY: [signature]
BRD: NOTICE
AGENDA

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
May 11, 1989

ACTION ITEMS:

1) ACTION TO APPROVE THE AGENDA

2) APPROVAL OF MINUTES
   a. Regular meeting of April 13, 1989

3) ACTION TO APPROVE AN INTERLOCAL AGREEMENT WITH THE CITY OF NORTH LAS VEGAS TO FUND THE PREDESIGN AND DESIGN OF THE GOWAN SYSTEM OUTFALL STRUCTURE FROM DECATUR BOULEVARD TO COMMERCE STREET AND AUTHORIZE THE CHAIRMAN TO SIGN

4) ACTION TO SELECT A CONSULTANT TO PREPARE A MASTER PLAN UPDATE OF THE BRIDGE CANYON AREA OF LAUGHLIN, NEVADA AND AUTHORIZE STAFF TO NEGOTIATE A CONTRACT

5) ACTION TO APPROVE AN INTERLOCAL AGREEMENT WITH CLARK COUNTY FOR THE CONSTRUCTION OF THE MUDDY RIVER CROSSING AND AUTHORIZE THE CHAIRMAN TO SIGN

6) ACTION TO APPROVE AN INTERLOCAL AGREEMENT WITH CLARK COUNTY TO FUND PREDESIGN, DESIGN AND RIGHT-OF-WAY ENGINEERING FOR THE WEST MUDDY RIVER LEVEES AND AUTHORIZE THE CHAIRMAN TO SIGN

7) ACTION TO AMEND THE MASTER PLAN TO INCLUDE A CLOSED CONDUIT ALONG DURANGO ROAD FROM WEST OAKEY NORTH TO THE ANGEL PARK DETENTION BASIN IN PLACE OF THE DIKE PRESENTLY IDENTIFIED ON THE MASTER PLAN (THIS IS A PUBLIC HEARING)

8) CITIZENS ADVISORY COMMITTEE REPORT

9) PROJECT STATUS REPORTS
   a) Projects managed by the District - April 19, 1989
   b) City of Henderson - March 29, 1989
   c) Clark County - April 3, 1989
   d) City of Las Vegas - April 12, 1989
   e) City of Mesquite - April 3, 1989
   f) City of Boulder City - April 24, 1989
   g) City of North Las Vegas - April 24, 1989

10) FINANCIAL REPORTS
   a) Monthly Expenditure Report (286)
   b) Fund Balance Reports (286 & 443)
   c) Project Expense Summary Fund (443)
   d) Sales Tax Revenue Report
TO: Board of Directors, Regional Flood Control District

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

SUBJECT: Meeting of May 11, 1989

DATE: May 5, 1989

ACTION ITEMS:

1) ACTION TO APPROVE THE AGENDA:

2) APPROVAL OF MINUTES:
Staff recommends that the Board approve the minutes of the regularly scheduled meeting of April 13, 1989.

3) ACTION TO APPROVE AN INTERLOCAL AGREEMENT WITH THE CITY OF NORTH LAS VEGAS TO FUND THE PREDESIGN AND DESIGN OF THE GOWAN SYSTEM OUTFALL STRUCTURE FROM DECATUR BOULEVARD TO COMMERCE STREET AND AUTHORIZE THE CHAIRMAN TO SIGN:
The City of North Las Vegas has requested an Interlocal Agreement for $480,000 to fund the predesign and design of the Gowan Detention System Outfall Structure from Decatur Boulevard to Commerce Street. The Gowan Detention System Pre-design report, approved last month, included a recommendation to proceed with the outfall in conjunction with the design of the South Gowan Detention Basin.

A copy of the Agreement, submitted by the City of North Las Vegas, is included with the backup materials for this item. Staff recommends that the Board approve the Agreement and authorize the Chairman to sign.

4) ACTION TO SELECT A CONSULTANT TO PREPARE A MASTER PLAN UPDATE OF THE BRIDGE CANYON AREA OF LAUGHLIN, NEVADA AND AUTHORIZE STAFF TO NEGOTIATE A CONTRACT:
At their March 9, 1989, meeting, the Board authorized staff to solicit proposals for a Master Plan update of Laughlin, Nevada. A selection committee comprised of representatives of the District, Clark County Public Works, Clark County Comprehensive Planning, and the Clark County Sanitation District reviewed the proposals submitted by engineering firms. A copy of the evaluation forms used to rank the firms Board Members

Bruce L. Woodbury, Chairman, Clark County • Chris Christensen, Vice-Chairman, City of Boulder City
Carlton Lawrence, Secretary, City of Henderson • Paul J. Christensen, Clark County • Theron Goynes, City of North Las Vegas
Craig Pulsipher, City of Mesquite • Ron Lurie, City of Las Vegas • Bob Nolen, City of Las Vegas
is included in the backup up for your review along with a draft scope of work. The four top-ranked firms are listed alphabetically below:

1) Boyle Engineering
2) Coe and Van Loo
3) Simons and Lee
4) The Mark Group

We recommend that the Board select a consultant and authorize staff to negotiate a contract with the selected firm.

5) ACTION TO APPROVE AN INTERLOCAL AGREEMENT WITH CLARK COUNTY FOR THE CONSTRUCTION OF THE MUDDY RIVER CROSSING AND AUTHORIZE THE CHAIRMAN TO SIGN:

Clark County has requested an Interlocal Agreement for $185,000 to fund the construction of the Muddy River Crossing. Design of this facility was funded with flood control bond interest earnings. A copy of the Agreement is included in the backup for your review.

We recommend that the Board approve the Agreement and authorize the Chairman to sign.

6) ACTION TO APPROVE AN INTERLOCAL AGREEMENT WITH CLARK COUNTY TO FUND PREDESIGN, DESIGN AND RIGHT-OF-WAY ENGINEERING FOR THE WEST MUDDY RIVER LEVEES AND AUTHORIZE THE CHAIRMAN TO SIGN:

Clark County has requested approval of an Interlocal Agreement for $200,000 to fund the predesign, design, and right-of-way engineering of the West Muddy River levees. The levee was recommended in the original Master Plan and has been further refined in the recently approved Master Plan Update of the Moapa Valley. A copy of the Agreement is included in the backup for your review.

We recommend that the Board approve the Agreement and authorize the Chairman to sign.

7) ACTION TO AMEND THE MASTER PLAN TO INCLUDE A CLOSED CONDUIT ALONG DURANGO ROAD FROM WEST OAKLEY NORTH TO THE ANGEL PARK DETENTION BASIN IN PLACE OF THE DIKE PRESENTLY IDENTIFIED ON THE MASTER PLAN (THIS IS A PUBLIC HEARING):

The City of Las Vegas has proposed amending the Master Plan to include a closed conduit along Durango Road from West Oakey north to the Angel Park Detention Basin. Information supporting the amendment submitted by the City of Las Vegas is included in the backup material for your review.

This amendment has been publically noticed in compliance with NRS.543. We recommend that the Board approve the Master Plan Amendment.
8) CITIZENS ADVISORY COMMITTEE REPORT:
Members of the Citizens Advisory Committee will report on their activities during the past month and their planned activities for Flood Awareness Week.

9) PROJECT STATUS REPORTS:
The following monthly Project Status reports are included in the backup for your review:
   a) Projects managed by the District - April 19, 1989
   b) City of Henderson - March 29, 1989
   c) Clark County - April 3, 1989
   d) City of Las Vegas - April 12, 1989
   e) City of Mesquite - April 3, 1989
   f) City of Boulder City - April 24, 1989
   g) City of North Las Vegas - April 24, 1989

10) FINANCIAL REPORTS:
The following monthly financial reports are included for your review:
   a) Monthly Expenditure Report (286)
   b) Fund Balance Reports (286 & 443)
   c) Project Expense Summary Fund (443)
   d) Sales Tax Revenue Report

VIRGINIA BAX-VALENTE, P.E.
General Manager, Chief Engineer
MEETING NOTICES: Public Notices of this meeting were posted April 7, 1989, by Mr. A.J. Myles of the Clark County Regional Flood Control District in the following locations: Las Vegas City Hall, North Las Vegas City Hall, Clark County Bridger Building and the Regional Flood Control District Offices.

CALL TO ORDER: The meeting was called to order at 9:05 a.m. by Chairman Bruce Woodbury in the City of Las Vegas Council Chambers with the following members present:

MEMBERS PRESENT: Bruce Woodbury, Chairman, Clark County
Ron Lurie, City of Las Vegas
Paul Christensen, Clark County
Bob Nolen, City of Las Vegas
Carlton Lawrence, City of Henderson
Craig Pulsipher, City of Mesquite
Theron Goynes, City of North Las Vegas

STAFF:
Virginia Bax-Valentine, P.E., General Manager/Chief Engineer
Gale Fraser, Assistant General Manager
Deborah Costa, Management Analyst II
Ellen Keller, Assistant to the General Manager
Chris Figgins, Deputy District Attorney

MEMBERS ABSENT: Chris Christensen, City of Boulder City

INTERESTED PARTIES: Charles Kajkowski, City of Las Vegas
Mark Calhoun, City of Henderson
M.J. Harvey, Citizens Advisory Committee

APPROVAL OF MINUTES: Upon a motion by Mr. Lurie, the minutes of the regularly scheduled meeting of March 9, 1989 were unanimously approved.

AUTHORIZE STAFF TO SOLICIT PROPOSALS FOR A MASTER PLAN UPDATE OF BOULDER CITY, NEVADA: Ms. Bax-Valentine stated that the draft scope of work and the Request for Proposals were included in the backup. The City of Boulder City reviewed the draft scope of work and will be working closely with District staff to select a consultant and to negotiate a contract. She said that staff recommends that the Board authorize staff to solicit proposals for the Master Plan Update of Boulder City.

Mr. Lurie made the motion to follow staff's recommendation.

Vote: 7 Ayes, 0 Nays.
Motion Carried.

PRESENTATION BY THE CITY OF LAS VEGAS ON THE GOWAN SYSTEM PRE-DESIGN REPORT AND ACTION TO ACCEPT THE REPORT: Ms. Bax-Valentine stated that Mr. Charlie Kajkowski, City of Las Vegas, would make a presentation on the Gowan System Predesign Report.

Mr. Kajkowski approached the Board. He showed the location of the project on a map. He stated that the system is designed to intercept the flows from the mountains and to protect the concentrated flows along the expressway and into the City of North Las Vegas. The City intends to phase the project over a five-year period, in coordination with the City of North Las Vegas. The City of North Las Vegas constructed the outfall. The entire system will cost a total of $40 million. In order to minimize the expense of the detention basin, the City is working with the Nevada Department of Transportation to allow them to use the basin as a borrow pit for construction of the interchanges and overpasses along the Oran K. Gragson Highway.
Ms. Bax-Valentine stated that the City of Las Vegas staff did an excellent job of coordinating the project, which also impacts parts of the City of North Las Vegas and Clark County. She said that staff recommends approval of the predesign report.

Mr. Nolen made the motion to follow staff's recommendation.

Vote: 7 Ayes, 0 Nays.
Motion Carried.

Ms. Bax-Valentine stated that the memorandum to the agenda incorrectly stated that the amount of the Interlocal Agreement for the Pittman Wash Bridge at Green Valley Parkway was $1,186,000. The $95,000 designated in the Interlocal Agreement for engineering and construction inspection was not included. The correct amount of the Agreement is $1,281,000. She stated that staff recommends approval of the Interlocal Agreement.

Mr. Mark Calhoun, City of Henderson, approached the Board. He stated that this bridge is located on Green Valley Parkway, which is one of the major routes through the Green Valley Area. It will be the only all-weather crossing in this area of the City. The design was funded and completed by the City of Henderson. The estimated cost for construction is $1,186,000 and $95,000 for construction engineering. This project will replace the fair-weather crossing that presently exists at the project site.

Mr. Lawrence made the motion to follow staff's recommendation.

Vote: 7 Ayes, 0 Nays.
Motion Carried.

Ms. Bax-Valentine stated that the Board, at its last meeting, authorized staff to negotiate a contract with WRC Engineering for the preparation of a Hydrologic Criteria and Drainage Design Manual. This Manual will be used to establish County-wide criteria for flood studies, design standards for flood control improvements, and will summarize some of the policies and law requirements required of the District.

The negotiated amount of the agreement with WRC Engineering is $148,490. She said that the copy of the Agreement included in the backup is stamped "Draft" and dated March 23, 1989. The District Attorney's office has requested that this be deleted from the Agreement prior to approval by the Board. She said that with the exception of the Draft and date notation, staff recommends approval of the Agreement.

Mr. Lurie made the motion to approve the Agreement with the removal of the Draft and the date notations.

Mr. Nolen asked if the District Attorney's office reviewed the Agreement. Mr. Figgins responded that he had already reviewed the Agreement.

A vote was held on the motion.

Vote: 7 Ayes, 0 Nays.
Motion Carried.
PROJECT STATUS REPORTS:
Ms. Bax-Valentine stated that the monthly project status reports were included in the backup material. She stated that Ms. M.J. Harvey, Citizens Advisory Committee (CAC), would give an oral status report on Flood Awareness Week.

Ms. Harvey approached the Board. She gave an overview of the status of plans for Flood Awareness Week. She gave an update on the flood warning brochure, the winning poster, and the press coverage planned for Flood Awareness Week. She said that a speakers bureau is being formulated and the CAC may be asking assistance from some of the Board members in that regard.

No action was taken on this item.

FINANCIAL REPORTS:
Ms. Bax-Valentine reported that the monthly expenditure report and fund balance reports were included in the backup for review. A list of projects funded to date was included along with a project expense summary. A summary report of revenues collected to date was also included for review.

Mr. P. Christensen made the motion to approve the financial reports.

Vote: 7 Ayes, 0 Nays.
Motion Carried.

ADJOURNMENT:
The meeting adjourned at 9:14 a.m.

Respectfully submitted,

VIRGINIA BAX-VALENTINE, P.E.
General Manager/Chief Engineer

ATTEST: ________________, 1989

BRUCE WOODBURY, Chairman

FCWD:FL300-1:cla
Subject: INTERLOCAL AGREEMENT FOR THE PREDESIGN AND DESIGN OF THE GOWAN ROAD DETENTION BASIN OUTFALL STRUCTURE FROM DECATUR BOULEVARD TO COMMERCE STREET

Petitioner:
GARY W. HOLLER, P.E.
DIRECTOR OF PUBLIC WORKS

Recommendation:

IT IS RECOMMENDED THAT THE CCRFCD BOARD APPROVE THE SUBJECT INTERLOCAL AGREEMENT.

Fiscal Impact:

$480,000.

Background:

The City of Las Vegas has completed its design study of the Gowan Road Detention Basin system and has proposed a phased program for its construction.

In order to receive the outflow from the Gowan Road Detention Basin system it will be necessary to construct channels, pipes, box structures and bridges to convey the water to the Las Vegas Wash. The subject interlocal agreement will provide the funds for the design of the necessary conveyance system.
INTERLOCAL AGREEMENT

THIS AGREEMENT made and entered into as of the _______ day of __________, 19__ by and between the Clark County Regional Flood Control District hereinafter referred to as "DISTRICT", the County of Clark hereinafter referred to as "COUNTY", the City of North Las Vegas, A municipal corporation hereinafter referred to as "CITY", the City of Las Vegas, a municipal corporation, and the City of Henderson, a municipal corporation.

WITNESSETH

WHEREAS, Pursuant to Chapter 543 of the Nevada Revised Statutes a project for the predesign and design of the Gowan Road Detention Basin Outfall Structure from Decatur Boulevard and Commerce Street located totally within the CITY and the City of Las Vegas has been approved by the DISTRICT; and,

WHEREAS, the CITY desires to proceed with the design of the flood structure; and,

WHEREAS, the project is a regional facility described in the Master Plan; and,

WHEREAS, the project is located in a hydrographic area common to the CITY, COUNTY and the city of Las Vegas and the city of Henderson; and,

WHEREAS, the project is a priority project approved by the Board of Directors of the DISTRICT on the current fiscal year project list; and,

WHEREAS, the CITY, will perform those functions identified in the DISTRICT's Policies and Procedures and in the Regulations for the control of drainage; and,

WHEREAS, the CITY, as the administering agency agrees to provide the DISTRICT with the information required in NRS 543.580.

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

SECTION I - SCOPE OF PROJECT

This INTERLOCAL AGREEMENT applies to the improvement of the Gowan Road Detention Basin Outfall Structure from Decatur Boulevard to Commerce Street. These improvements to be designed are identified
as structure numbers 2009, 2010, and 2011 in the Master Plan of the DISTRICT (also known as a portion of the Northern Las Vegas Valley Project Number 1) and shall consist of excavation and backfill, channel lining, fences, debris control devices, energy dissipaters, pipes, box structures, inlet and outlet structures, stabilized transitions, bridges, utility relocations, necessary pavement construction and related appurtenances. The design will be funded by the DISTRICT as herein described.

SECTION II - PROJECT-COST

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

1. Preparation of right-of-way drawings, descriptions, title reports, right-of-way engineering, surveys, appraisals and negotiations at a cost not to exceed $30,000.

2. Engineering predesign, engineering design, drafting, preparation of contract documents, surveys and geotechnical investigations at a cost not to exceed $450,000.

If it becomes necessary to increase any of the amounts specified above, a written request with justification will be submitted to the DISTRICT. If approved, a supplemental to this agreement will be executed. In any event, however, the maximum amount to be funded by the DISTRICT shall not exceed the sum of $480,000.

SECTION III - GENERAL CONDITIONS

1. The CITY will provide the DISTRICT with project schedule indicating the anticipated dates for right-of-way acquisition; completion of final plans; specifications and estimates.

2. The CITY at its own discretion may use the services of a consultant in the design and construction of this project and the DISTRICT will not be a party to such agreement. However, the use of consultants will not entitle the CITY to additional funds beyond that specified in Paragraphs 1 and 2 in SECTION II - PROJECT COSTS as hereinabove set forth.
3. The CITY is responsible for the design of the subject project and will insure all work as accomplished in accordance with professionally recognized standards.

4. The CITY will provide the DISTRICT with preliminary plans, specifications and estimates for review and comments to determine the DISTRICT's requirements associated with the aforementioned improvements.

5. It is the intent of the DISTRICT that drainage projects in general and Master Plan projects specifically be coordinated among the entities. In those cases where Master Plan approved and DISTRICT-funded projects have regional flood control significance impacting more than one jurisdiction, all impacted entities will be afforded opportunities to participate on the project management team.

6. The design, construction, right-of-way acquisition and contract administration of the project shall comply with all of the laws, regulations, ordinances, and standards applicable to the proposed project.

7. The applicable portions of the current edition of the Policies and Procedures adopted by the DISTRICT will apply in developing this project unless specifically addressed by the agreement.

8. The CITY shall comply with the Local Government Purchasing Act, Chapter 332 of the Nevada Revised Statutes.

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

11. DISTRICT will make a payment to the CITY each month for project costs as outlined in SECTION II - PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:
   a. Administration
   b. Right-of-way
      1. Engineering
      2. Appraisals
      3. Negotiations
      4. Land acquisition
      5. Legal fees, escrow, stamps, recording fees, etc.
   c. Construction
      1. Inspection
      2. Supervision
      3. Contractor payments
   d. Materials Testing
      1. Exploration and investigation
      2. Quality control
   e. Surveying
      1. Location, topographic, alignment, cross sections, (All work prior to award of contract.)
      2. Construction stakeout and control
   f. Engineering
      1. Planning activities related to design engineering
      2. Design and predesign reports
      3. Design and specifications
      4. Drafting and plan preparation
      5. Review and checking
6. Identifiable project reproduction and printing costs

g. Force Accounts
   1. Labor
   2. Equipment
   3. Materials

h. Overhead

12. The CITY shall require appropriate performance bonds for construction projects.

13. The DISTRICT reserves the right to review and/or audit all records pertaining to this project both during and after project completion. Accurate documentation of all work done and payments made will be maintained by the CITY for a period of three (3) years after final project approval and payment.

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

15. Following completion of construction of this project, the CITY will assume responsibility for maintenance and/or repairs that are necessary to protect the improvements and to provide a safe and functional facility. This provision, however, can be modified at any time if the DISTRICT and CITY should enter into a separate maintenance agreement.

16. In the event the items covered herein have not been completed to the satisfaction of the DISTRICT prior to July 1, 1994, the DISTRICT may at any time thereafter, terminate this INTERLOCAL AGREEMENT and the CITY agrees to repay all funds advanced therefor.
17. Any costs found to be improperly allocated to this project will be refunded by the CITY to the DISTRICT.

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CLARK COUNTY

Date of Commission Action: __________________________

By: BRUCE WOODBURY, Chairman

ATTEST:

LORETTA BOWMAN, County Clerk

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CITY OF NORTH LAS VEGAS

Date of Council Action: __________________________

By: JAMES K. SEASTRAND, Mayor

ATTEST:

ESTHER V. BORDEN, City Clerk

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CITY OF LAS VEGAS

Date of Council Action: __________________________

By: RON LURIE, Mayor

ATTEST:

KATHLEEN M. TIGHE, City Clerk

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CITY OF HENDERSON

Date of Council Action: __________________________

By: LORNA KESTERSON, Mayor

ATTEST:

DOROTHY VONDENBRINK, City Clerk

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CLARK COUNTY REGIONAL FLOOD CONTRL DISTRICT

Date of District Action: __________________________

By: BRUCE WOODBURY, Chairman

ATTEST:

VIRGINIA BAX VALLENTINE

ATTEST AS TO FORM:

MELVIN R. WHIPPLE

Deputy District Attorney
GOWAN OUTFALL
PROJECT LOCATION MAP

* PROPOSED MASTER PLAN ALIGNMENT
* ALTERNATE ROUTE MAY BE RECOMMENDED
OF
CLARK COUNTY
AGENDA ITEM

Subject: 
CONSULTANT SELECTION FOR THE MASTER PLAN UPDATE FOR LAUGHLIN

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

Recommendation: 
THAT THE BOARD SELECT A CONSULTANT AND AUTHORIZE STAFF TO NEGOTIATE A CONTRACT WITH THE SELECTED FIRM

Fiscal Impact: 
$100,000 (estimated)

Background:
NRS 543.596 requires the District to update the Master Plan every five (5) years, taking into consideration any new information which is relevant to the Plan. At its March 9, 1989 meeting, the Regional Flood Control District Board authorized the General Manager to solicit proposals for the preparation of a Master Plan update for Laughlin.

Staff has received seven proposals from consulting firms to prepare the Update. An alphabetical listing of the firms submitting proposals is attached for your review. The proposals were evaluated by a selection committee made up of representatives of Comprehensive Planning, Public Works, the Sanitation District and District staff. The top-ranked firms are listed below in alphabetical order:
1) Boyle Engineering Corporation
2) Coe & Van Loo Consulting Engineers, Inc./Hefner Engineering
3) The Mark Group/WRC Engineering, Inc.
4) Simons, Li and Associates/Summit Engineering Corporation

T.C. AGENDA | FCD AGENDA
ITEM # 9 | ITEM # 4
Date: 4-27-89 | Date: 5-11-89
The following is a list of all the firms which responded to the request for proposals:

1) Boyle Engineering Corporation
2) Church Engineering Inc./Resource Consultants Inc.
3) Coe & Van Loo Consulting Engineers, Inc./Hefner Engineering
4) The Mark Group/WRC Engineering, Inc.
5) SEA, Inc.
6) Simons, Li & Associates/Summit Engineering
7) VTN-Nevada

Respectfully submitted,

VIRGINIA BAX-VALENTINE, P.E.
General Manager/Chief Engineer
Subject:
MOAPA VALLEY/MUDDY RIVER AT COOPER AVENUE CROSSING

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

Recommendation:
THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE COOPERATIVE AGREEMENT FOR CONSTRUCTION OF THE MUDDY RIVER AT COOPER AVENUE CROSSING IN MOAPA VALLEY.

Fiscal Impact:
$185,000

Background:
The Muddy River at Cooper Avenue Crossing improvements are identified in the Flood Control Master Plan Moapa Valley update. Funds for Flood Control Improvements in Moapa Valley were identified in the 1987/1988 ten year construction program for fiscal year 1988/1989.

Clark County Public Works is proposing to begin the construction for this project.

Respectfully submitted,

M. J. MANNING
DIRECTOR OF PUBLIC WORKS

T.C. AGENDA
ITEM # 10
Date: 4-27-89

FCD AGENDA
ITEM # 5
Date: 5-11-89
INTERLOCAL AGREEMENT
MUDDY RIVER AT COOPER AVENUE CROSSING
IN MOAPA VALLEY

THIS AGREEMENT, made and entered into this ____ day of __________, 1953,
by and between the County of Clark, a political subdivision, hereinafter
referred to as "COUNTY," and the Clark County Regional Flood Control District,
hereinafter referred to as "DISTRICT."

WITNESSETH

WHEREAS, a District Master Plan project to perform construction inspection
and construct flood control improvements for the Muddy River at Cooper Avenue
Crossing, hereinafter collectively referred to as PROJECT, being located wholly
within the unincorporated area of Clark County, has been approved by the
DISTRICT.

WHEREAS, the COUNTY will perform those functions identified in DISTRICT's
Policies and Procedures and in the Regulations for the control of drainage; and

WHEREAS, the COUNTY as the administering agency will provide the DISTRICT
with the information required in NRS 543.580.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements,
and promises of the parties hereto, the DISTRICT authorizes the construction of
this project as it is mutually understood and agreed as follows:

SECTION I - SCOPE OF PROJECT

This cooperative agreement applies to improvements associated with the Muddy
River at Cooper Avenue Crossing identified in the Master Plan update for Moapa
Valley.

SECTION II - PROJECT COSTS

The DISTRICT agrees to provide funding for project costs within the limits
specified below:
1. The total cost of construction and construction inspection shall not exceed $185,000 which will include all change orders and supplemental agreements.

2. The total cost of this agreement shall not exceed $185,000.

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

SECTION III - GENERAL

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

2. Preliminary engineering, design and right-of-way engineering shall be performed by the COUNTY or by a consultant employed by the COUNTY.

3. The construction and contract administration of the PROJECT shall comply with all applicable laws, regulations, ordinances, standards, and the current Policies and Procedures adopted by the DISTRICT unless specifically superseded by this Agreement.

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

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

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

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

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

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

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

a) Administration
b) Right-of-Way
   1) Engineering
   2) Appraisals
   3) Negotiations
   4) Land Acquisition
   5) Legal Fees, Escrow, Stamps, Recording Fees, etc.
c) Construction
   1) Inspection
   2) Supervision
   3) Contractor Payments
d) Materials Testing
   1) Exploration and Investigation
   2) Quality Control
e) Surveying
   1) Location, Topographic, Alignment, Cross Sections, all work prior to award of contract.
   2) Construction Stakeout and Control
f) Engineering
   1) Planning activities related to design engineering
   2) Design and Predesign Reports
   3) Design and Specifications
   4) Drafting and Plan Preparation
   5) Review and Checking
   6) Identifiable Project Reproduction and Printing Costs
g) Force Accounts
   1) Labor
   2) Equipment
   3) Materials
h) Overhead
11. Accurate documentation of all work done and payments made will be main-
tained by the COUNTY for a period of three (3) years after final project
approval and payment.

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

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

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

15. The items covered in paragraphs one and two of SECTION II - PROJECT COSTS
must be completed to the satisfaction of the DISTRICT prior to July 1, 1990.
The DISTRICT may, at any time thereafter, terminate this agreement and
require all sums advanced to the COUNTY be repaid.

ATTEST:

CLARK COUNTY
BOARD OF COUNTY COMMISSIONERS

BY:

LORETTA BOWMAN, County Clerk
Date of Commission Action:

BRUCE L. WOODBURY, Chairman

REGIONAL FLOOD CONTROL DISTRICT

BY:

CARLTON LAWRENCE, Secretary
Date of District Action:

BRUCE L. WOODBURY, Chairman

Approved as to Legality and Form:

BY:__________________________

CHRIS FIGGINS
Deputy District Attorney
# REGIONAL FLOOD CONTROL DISTRICT
## OF
### CLARK COUNTY

**AGENDA ITEM**

**Subject:**

MOAPA VALLEY - MUDDY RIVER WEST LEVEE

**Petitioner:**

M. J. MANNING, DIRECTOR OF PUBLIC WORKS

**Recommendation:**

THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE COOPERATIVE AGREEMENT FOR PRELIMINARY DESIGN, DESIGN, AND RIGHT OF WAY ENGINEERING FOR THE MUDDY RIVER WEST LEVEE.

**Fiscal Impact:**

$200,000

**Background:**

The Muddy River West Levee is identified in the Flood Control Master Plan Moapa Valley update. Funds for Flood Control Improvements in Moapa Valley were identified in the 1987/1988 ten year construction program for fiscal year 1988/1989.

Clark County Public Works is proposing to begin the preliminary design, design, and right-of-way engineering for this project.

Respectfully submitted,

M. J. MANNING
DIRECTOR OF PUBLIC WORKS

T.C. AGENDA | FCD AGENDA
---|---
ITEM # 11 | ITEM # 6
Date: 4-27-89 | Date: 5-11-89
INTERLOCAL AGREEMENT
MUDDY RIVER WEST LEVEE
MOAPA VALLEY

THIS AGREEMENT, made and entered into this ___ day of __________, 1999,
by and between the County of Clark, a political subdivision, hereinafter
referred to as "COUNTY," and the Clark County Regional Flood Control District,
hereinafter referred to as "DISTRICT."

WITNESSETH

WHEREAS, a District Master Plan project to preliminary design, design, and
perform right-of-way engineering for flood control improvements for the Muddy
River West Levee in Moapa Valley, hereinafter collectively referred to as
PROJECT, being located wholly within the unincorporated area of Clark County,
has been approved by the DISTRICT.

WHEREAS, the COUNTY will perform those functions identified in DISTRICT'S
Policies and Procedures and in the Regulations for the control of drainage; and

WHEREAS, the COUNTY as the administering agency will provide the DISTRICT
with the information required in NRS 543.580.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements,
and promises of the parties hereto, the DISTRICT authorizes the preliminary
design, design, and right-of-way engineering of this project as it is mutually
understood and agreed as follows:

SECTION I - SCOPE OF PROJECT

This cooperative agreement applies to improvements associated with the Muddy
River West Levee identified in the Master Plan update for Moapa Valley.

SECTION II - PROJECT COSTS

The DISTRICT agrees to provide funding for project costs within the limits
specified below:
1. The preliminary engineering and engineering design shall not exceed $150,000 or 15 percent of the construction cost, whichever is less.

2. Preparation of right-of-way drawings, descriptions, title reports of the right-of-way required, and obtain the appraisals at a cost not to exceed $50,000.

3. The total cost of this agreement shall not exceed $200,000 which includes all the items described in paragraphs one and two above.

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

SECTION III - GENERAL

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

2. Preliminary engineering, design and right-of-way engineering shall be performed by the COUNTY or by a consultant employed by the COUNTY.

3. The preliminary design and design of the PROJECT shall comply with all applicable laws, regulations, ordinances, standards, and the current Policies and Procedures adopted by the DISTRICT unless specifically superseded by this Agreement.

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

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

6. The COUNTY will comply with the Local Government Purchasing Act, Chapter 332 of the Nevada Revised Statutes.
7. Purchases of right-of-way in excess of that actually needed for construction will not be allowed unless a comparison between the cost of excess acquisition and needed acquisition, including damages indicates benefit from such a transaction would result. Title to residual property will be vested in the COUNTY. Revenues derived from the sale of these properties will be forwarded to the DISTRICT.

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

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

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

   a) Administration
   b) Right-of-Way
      1) Engineering
      2) Appraisals
      3) Negotiations
      4) Land Acquisition
      5) Legal Fees, Escrow, Stamps, Recording Fees, etc.
   c) Construction
      1) Inspection
      2) Supervision
      3) Contractor Payments
   d) Materials Testing
      1) Exploration and Investigation
      2) Quality Control
   e) Surveying
      1) Location, Topographic, Alignment, Cross Sections, all work prior to award of contract.
      2) Construction Stakeout and Control
   f) Engineering
      1) Planning activities related to design engineering
      2) Design and Predesign Reports
      3) Design and Specifications
      4) Drafting and Plan Preparation
      5) Review and Checking
      6) Identifiable Project Reproduction and Printing Costs
g) Force Accounts
   1) Labor
   2) Equipment
   3) Materials

h) Overhead

11. Accurate documentation of all work done and payments made will be maintained by the COUNTY for a period of three (3) years after final project approval and payment.

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

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

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

15. The items covered in paragraphs one and two of SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to December 31, 1990. The DISTRICT may, at any time thereafter, terminate this agreement and require all sums advanced to the COUNTY be repaid.
16. The COUNTY at its own discretion may use the services of a consultant for
the preliminary engineering, design and right-of-way engineering on the
PROJECT and the DISTRICT will not be a party to such agreement. However,
the use of any consultant will not entitle the COUNTY to additional funds
beyond that specified in SECTION II PROJECT COSTS as hereinabove set forth.

ATTEST:

CLARK COUNTY
BOARD OF COUNTY COMMISSIONERS

BY:
BRUCE L. WOODBURY, Chairman

LORETTA BOWMAN, County Clerk
Date of Commission Action:

REGIONAL FLOOD CONTROL DISTRICT

BY:
BRUCE L. WOODBURY, Chairman

CARLTON LAWRENCE, Secretary
Date of District Action:

Approved as to Legality and Form:

BY:
CHRIS FIGGINS
Deputy District Attorney
# Regional Flood Control District

## Clark County

### Agenda Item

#### Subject:

**Revision of Master Plan/Facility No. 44, Structure No. 1000**

| Petitioner: | Richard D. Goecke, Director  
Department of Public Works  
City of Las Vegas |
|-------------|--------------------------------------------------|

#### Recommendation:

The Department of Public Works recommends that the Board adopt this amendment revising the Master Plan.

#### Fiscal Impact:

None

#### Background:

See Attached

Respectfully submitted,

[Signature]

RICHARD D. GOECKE, DIRECTOR  
DEPARTMENT OF PUBLIC WORKS

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T.C. AGENDA  
ITEM#: 12  
Date: 1-27-89  
FCD AGENDA  
ITEM#: 7  
Date: 5-11-80

CK5/047
ATTACHMENT
REGIONAL FLOOD CONTROL DISTRICT
OF CLARK COUNTY
AGENDA ITEM

RE: REVISION OF MASTER PLAN/FACILITY NO. 44, STRUCTURE NO. 1000

Background:

The Master Plan proposes, as a Phase II project, the construction of a 12' x 24' x 5' high trapezoidal dike to convey flows south of Angel Park to Angel Park Detention Basin along an alignment paralleling Durango Road. It is proposed that this facility be deleted and a Phase I closed conduit system substituted in its place. The cost of the original dike facility is estimated to be $1,300,000.

The proposed Master Plan Amendment project is an underground pipe system ranging in size up to 84-inch pipe that will be constructed within the roadway right-of-way for Durango Road between West Charleston Boulevard and Angel Park. The hydrographic area for the proposed facility amendment is, essentially, the same as for the current master plan facility. Right-of-way is being acquired by: (1) a condition of zoning or development, and (2) purchase funded by roadway project.

Consequently, there is no right-of-way cost for the flood control project. The proposed pipe system poses no unusual grade problem (as is the case with the dike) for the road construction or adjacent properties. It should be noted that the cost of right-of-way for the dike would probably include severance damages because the dike, depending on its location, would block access to Durango Road and/or sever parcels. The dike, as proposed in the Master Plan, crosses West Charleston Boulevard which would have a high cost impact on road construction and adjacent property development.

The estimated cost of the proposed amendment project is estimated to cost approximately $1,200,000.

Current RTC and Clark County Road Bond Issue projects, namely: Durango Road between Sahara Avenue and Charleston Boulevard and West Charleston Boulevard between Antelope Way and Hualpai Way, will construct the portion of the stormdrain collection system that will replace the Master Plan proposed dike south of Charleston Boulevard.

In summary, the proposed Amendment is to replace the original Master Planned dike (Facility 44, Structure 1000) with a pipe system. The original system's total cost is estimated to be $1,324,000. The proposed pipe system, located in the Durango Road right-of-way between West Charleston Boulevard and Angel Park, will cost $1,200,000. The pipe system's Charleston Boulevard crossing will be funded by the Charleston Boulevard road project. Similarly, the pipe system south of West Charleston Boulevard will be funded by the Durango Road project. This Amendment proposes no change to the hydrologic area.
The estimated cost of the Master Plan proposed dike:

**Dike Construction**

- 12' wide top with 3:1 side slopes $486,000
- 5' high, 42' at base

**Right-of-Way**

- Acquisition $443,500
- Severance Damages 221,700

**Engineering and Administrative - 15%**

- 173,000

**Total Project** $1,324,250

---

**COST ESTIMATE**

**PROPOSED MASTER PLAN AMENDMENT PROJECT**

**Pipeline Construction** $1,200,000

- 72" to 84" RCP

**Right-of-Way Acquisition** -0

**Engineering and Administration** 180,000

**Total Project** $1,380,000
COST ESTIMATE
MASTER PLAN FACILITY NO. 44
STRUCTURE NO. 1000

The estimated cost of the Master Plan proposed dike:

Dike Construction

- 12' wide top with 3:1 side slopes
- 5' high, 42' at base

$ 486,000

Right-of-Way

- Acquisition
  $ 443,500
- Severance Damages
  221,700

$ 665,250

Engineering and Administrative - 15%

173,000

Total Project

$ 1,324,250
### Agenda Item

**Subject:**
CITIZENS ADVISORY COMMITTEE REPORT

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

**Recommendation:**
NONE

**Fiscal Impact:**
NONE

**Background:**
A representative of the Citizens Advisory Committee will report on the Committee's activities during the past month and the activities they have planned for Flood Awareness Week, June 9-16, 1989.

Respectfully submitted,

VIRGINIA BAX-VALENTINE, P.E.
General Manager/Chief Engineer

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REGIONAL FLOOD CONTROL DISTRICT
OF CLARK COUNTY
AGENDA ITEM

Subject:
PROJECT STATUS REPORTS

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

Recommendation:
ACCEPT REPORTS

Fiscal Impact:
NONE

Background:
The following monthly status reports are included in the backup for your review:
a) Projects managed by the District - April 19, 1989
b) City of Henderson - March 29, 1989
c) Clark County - April 3, 1989
d) City of Las Vegas - April 12, 1989
e) City of Mesquite - April 3, 1989
f) City of Boulder City - April 24, 1989
g) City of North Las Vegas - April 24, 1989

Respectfully submitted,

[Signature]

VIRGINIA BAX-VALENTINE, P.E.
General Manager/Chief Engineer
MONTHLY PROJECT STATUS REPORT

PROJECT DESCRIPTION: Hydrologic Criteria and Drainage Design Manual

LEAD ENTITY: CCRFCO DATE OF STATUS REPORT 4-19-89

PROJECT CONSISTS OF: (Check appropriate boxes)
- [ ] PRE-DESIGN
- [ ] DESIGN
- [ ] RIGHT-OF-WAY
- [X] CONSTRUCTION
- [ ] OTHER Development of Drainage Design Manual

INTERLOCAL AGREEMENT: DATE N/A AMOUNT
SUPPLEMENTAL AGREEMENT(S): DATE N/A AMOUNT
SUPPLEMENTAL AGREEMENT(S): DATE N/A AMOUNT
SUPPLEMENTAL AGREEMENT(S): DATE N/A AMOUNT

LIST OTHER FUNDING SOURCES AND AMOUNTS: N/A

CONSULTANT: ENTITY WRC Engineering, Inc.
CONSULTANT AGREEMENT: DATE 4-13-89 AMOUNT $148,490

LIST SUBCONSULTANT(S): 1) 
2) 
3) 
SUBCONSULTANT AGREEMENT(S): DATE N/A AMOUNT
SUBCONSULTANT AGREEMENT(S): DATE N/A AMOUNT
SUBCONSULTANT AGREEMENT(S): DATE N/A AMOUNT

CONTRACTOR: N/A
CONSTRUCTION CONTRACT: DATE N/A AMOUNT

PROJECT STATUS:
1) Progress to date: Issued Notice To Proceed - 4-14-89

2) Problems and/or changes required: 

3) Estimated amount expended to date: N/A

4) Estimated next month's progress and expenditures: Meetings with Review Committee

5) Anticipated project completion date: January, 1990

6) Other: 

STATUS-REP
MONTHLY PROJECT STATUS REPORT

PROJECT DESCRIPTION: Flood Control Master Plan EIS

LEAD ENTITY: CCRFCD DATE OF STATUS REPORT 4-19-89

PROJECT CONSISTS OF: (Check appropriate boxes)
- PRE-DESIGN
- RIGHT-OF-WAY
- DESIGN
- CONSTRUCTION

INTERLOCAL AGREEMENT: DATE AMOUNT

SUPPLEMENTAL AGREEMENT(S): DATE AMOUNT $10,018

LIST OTHER FUNDING SOURCES AND AMOUNTS:

CONSULTANT: ENTITY Dames & Moore
CONSULTANT AGREEMENT: DATE 8-18-88 AMOUNT $327,018

LIST SUBCONSULTANT(S):
1) DATE AMOUNT
2) DATE AMOUNT
3) DATE AMOUNT

SUBCONSULTANT AGREEMENT(S) 1) DATE AMOUNT
2) DATE AMOUNT
3) DATE AMOUNT

CONTRACTOR:

CONSTRUCTION CONTRACT: DATE AMOUNT

PROJECT STATUS:
1) Progress to date: The consultant is preparing the administrative draft of the EIS. Project is 4-5 weeks behind schedule due to difficulties accessing land-use data.

2) Problems and/or changes required:

3) Estimated amount expended to date: $241,000

4) Estimated next month's progress and expenditures: $22,000

5) Anticipated project completion date: October, 1989

6) Other:

STATUS-REP
PROJECT NUMBER: ASSIGNED BY THE DISTRICT

MONTHLY PROJECT STATUS REPORT

PROJECT DESCRIPTION: Hiko Springs and Unnamed Wash, Laughlin, Facilities Development Plan

LEAD ENTITY: CCRFCD DATE OF STATUS REPORT 4-19-89

PROJECT CONSISTS OF: (Check appropriate boxes)

- [ ] DESIGN
- [ ] RIGHT-OF-WAY
- [ ] CONSTRUCTION

INTERLOCAL AGREEMENT: DATE AMOUNT
SUPPLEMENTAL AGREEMENT(S): DATE AMOUNT
LIST OTHER FUNDING SOURCES AND AMOUNTS: A.B. 494 - $300,000

CONSULTANT: ENTITY OTHER Boyle Engineering Corporation
CONSULTANT AGREEMENT: DATE April 14, 1988 AMOUNT $205,014
LIST SUBCONSULTANT(S): 1) 
2) 
3) 
SUBCONSULTANT AGREEMENT(S): 1) DATE AMOUNT
2) DATE AMOUNT
3) DATE AMOUNT

CONTRACTOR: 
CONSTRUCTION CONTRACT: DATE AMOUNT

PROJECT STATUS:

2) Problems and/or changes required: The final report is being prepared.

3) Estimated amount expended to date: $195,900

4) Estimated next month's progress and expenditures: $5000

5) Anticipated project completion date: May, 1989

6) Other: 

STATUS-REP
MONTHLY PROJECT STATUS REPORT

PROJECT DESCRIPTION: Data Collection/Flood Warning System

LEAD ENTITY: CCRFCD DATE OF STATUS REPORT 4-19-89

PROJECT CONSISTS OF: (Check appropriate boxes)
- PRE-DESIGN
- RIGHT-OF-WAY
- DESIGN
- CONSTRUCTION
- OTHER

INTERLOCAL AGREEMENT: DATE AMOUNT
SUPPLEMENTAL AGREEMENT(S): DATE AMOUNT

LIST OTHER FUNDING SOURCES AND AMOUNTS:

CONSULTANT: ENTITY OTHER
CONSULTANT AGREEMENT: DATE AMOUNT

LIST SUBCONSULTANT(S):
1) DATE AMOUNT
2) DATE AMOUNT
3) DATE AMOUNT

SUBCONSULTANT AGREEMENT(S):
1) DATE AMOUNT
2) DATE AMOUNT
3) DATE AMOUNT

CONTRACTOR:
CONSTRUCTION CONTRACT: DATE AMOUNT

PROJECT STATUS:
1) Progress to date: We have received clearance to locate a repeater on Mt. Potosi and will be installing it in the near future. We are also working with the Water District, Federal Agencies and private developers to identify locations for rain gauges.

2) Problems and/or changes required:

3) Estimated amount expended to date:

4) Estimated next month's progress and expenditures:

5) Anticipated project completion date:

6) Other:

STATUS-REP
March 29, 1989

Virginia Bax-Valentine, P. E.
Clark County Regional Flood Control District
301 E. Clark Avenue, Suite 300
Las Vegas, Nevada  89101

Re: Progress on City of Henderson Flood Control Projects

Dear Ms. Bax-Valentine:

The following is the status report on the flood control projects within the City of Henderson for the month of March, 1989.

1. Warm Springs Road at Pittman Wash (A2-09-31, 2608)
   
   **A. Description** - Bridge 72 feet long and 8 feet deep across Pittman Wash Channel with a capacity of 6780 cfs.
   
   **B. Cost of Project** - $389,000
   
   **C. Percent Complete** - 20%
   
   **D. Schedule for Completion** - Engineering has been completed by the City of Henderson. Construction bids will be solicited after approval by Clark County Regional Flood Control District. Completion of the bridge should be by late summer 1989.
   
   **E. Consultant or Contractor** - Engineering performed for City of Henderson by MEA Consultants. No contractor has been selected for construction pending final approval of plans.
   
   **F. Construction plans** have been received by the City and approved.

2. Stephanie Street Bridge at Pittman Wash (A2-09-17 2612)

   **A. Description** - Four reinforced, concrete boxes 10 feet wide by 8 feet deep with a capacity of 6780 cfs
   
   **B. Cost of Project** - $691,500
   
   **C. Percent Complete** - 20%
   
   **D. Schedule for Completion** - Engineering has been completed by the City of Henderson. Construction bids will be solicited after approval by the Clark County Regional Flood Control District. Completion of the bridge should be by late summer 1989.
   
   **E. Consultant or Contractor** - Engineering has been performed for the City of Henderson by VTN. No contractor has been selected for construction.
F. Construction plans have been received by the City and approved. Approval has been received from all affected utilities. Construction estimates from the design engineers have increased from $558,000 to $691,500 as the result of the need to construct additional channel in conjunction with the bridge. A supplemental interlocal agreement has been approved by the Flood Control District to fund the increased cost. The required right-of-way has been transferred to the City from NDOT. Construction plans have been submitted to the Flood Control District for approval. The District comments are being addressed.

3. **Pittman Wash Channel (A2-09-16, 2610)**

A. **Description** - A 70 foot wide, lined channel approximately 3 miles long with a capacity of 7660 cfs. The channel extends from the vicinity of the UP RR crossing of Pittman Wash to Duck Creek.

B. **Cost of Project** - $522,000 (includes right-of-way drawings, land acquisition, and engineering)

C. **Percent Complete** - 7%

D. **Schedule for Completion** - Aerial mapping is complete. The channel alignment has been approved by the Clark County Regional Flood Control District and the right-of-way acquisition process has begun. Engineering will require six months, bidding and contracting three months, and construction one year for a total of approximately two years.

E. **Consultant or Contractor** - Engineering will be performed by the City of Henderson. Aerial mapping has been prepared by Trans Map. Some rough excavation has been performed by Nevada Rock and Sand to provide highway construction fill.

F. Appraisals for the remaining right-of-way required have been received. The appraisals are in excess of the amount available under the interlocal agreement; however, property owners have requested an alternative alignment for the channel. The proposed alignment is acceptable to the City, and will be submitted to the Flood Control District. The appraisals for the remaining right-of-way to be purchased are being forwarded to the District for approval, so that purchases may begin. Work is proceeding on the design of the channel.

If you have any questions concerning this report, please give me a call at 565-2329.

Sincerely,

W. Curtis Chandler, P. E.
Land Development Manager

cc: Mark T. Calhoun, Director of Public Works
Councilman Carlton Lawrence
Enclosed please find the monthly project status reports for the Regional Flood Control District.
MONTHLY PROJECT STATUS REPORT

PROJECT DESCRIPTION: NELSON FLOOD CONTROL

LEAD ENTITY: CLARK COUNTY

DATE OF STATUS REPORT: 4-3-99

PROJECT CONSISTS OF: (Check appropriate boxes)
- [ ] PRE-DESIGN
- [ ] DESIGN
- [ ] RIGHT-OF-WAY
- [ ] CONSTRUCTION
- [ ] OTHER Right-of-way engineering & appraisals

INTERLOCAL AGREEMENT: DATE: ___________ AMOUNT: $70,000.00

SUPPLEMENTAL AGREEMENT(S): DATE: ___________ AMOUNT: 

DATE: ___________ AMOUNT: 

DATE: ___________ AMOUNT: 

LIST OTHER FUNDING SOURCES AND AMOUNTS: N/A

CONSULTANT:  

CONSULTANT AGREEMENT: DATE: ___________ AMOUNT: 

LIST SUBCONSULTANT(S):  

1)  

2)  

3)  

SUBCONSULTANT AGREEMENT(S):  

1) DATE: ___________ AMOUNT: 

2) DATE: ___________ AMOUNT: 

3) DATE: ___________ AMOUNT: 

CONTRACTOR: N/A

CONSTRUCTION CONTRACT: DATE: N/A AMOUNT: 

PROJECT STATUS:
1) Progress to date: Drainage study has been submitted to CCFCD for review

2) Problems and/or changes required:

3) Estimated amount expended to date:

4) Estimated next month's progress and expenditures:

5) Anticipated project completion date:

6) Other:

STATUS-REP
MONTHLY PROJECT STATUS REPORT

PROJECT DESCRIPTION: VAN BUSKIRK CHANNEL

LEAD ENTITY: CLARK COUNTY DATE OF STATUS REPORT 4-3-89

PROJECT CONSISTS OF: (Check appropriate boxes)
☐ PRE-DESIGN ☐ DESIGN
☐ RIGHT-OF-WAY ☐ CONSTRUCTION
☐ OTHER Right-of-way engineering & appraisals

INTERLOCAL AGREEMENT: DATE 5/17/88 AMOUNT $150,000.00

SUPPLEMENTAL AGREEMENT(S): DATE AMOUNT

LIST OTHER FUNDING SOURCES AND AMOUNTS: N/A

CONSULTANT: ENTITY OTHER James M. Montgomery Consulting Engineers
CONSULTANT AGREEMENT: DATE 12/20/ AMOUNT $114,557.00

LIST SUBCONSULTANT(S): 1) Converse Consultants
2) Roper & Associates
3)

SUBCONSULTANT AGREEMENT(S) 1) DATE N/A AMOUNT N/A
2) DATE N/A AMOUNT N/A
3) DATE N/A AMOUNT N/A

CONTRACTOR: N/A

CONSTRUCTION CONTRACT: DATE N/A AMOUNT

PROJECT STATUS:
1) Progress to date: Engineer has been given Notice to Proceed on 12/27/88. A draft report is scheduled to be submitted in April, 1989 for review.

2) Problems and/or changes required:

3) Estimated amount expended to date:

4) Estimated next month's progress and expenditures:

5) Anticipated project completion date:

6) Other:

STATUS-REP
MONTHLY PROJECT STATUS REPORT

PROJECT DESCRIPTION: UPPER FLAMINGO WASH DETENTION BASIN

LEAD ENTITY: CLARK COUNTY DATE OF STATUS REPORT 4-3-89

PROJECT CONSISTS OF: (Check appropriate boxes)
- [ ] PRE-DESIGN
- [ ] DESIGN
- [ ] RIGHT-OF-WAY
- [ ] CONSTRUCTION
- [x] OTHER Right-of-way engineering & appraisals

INTERLOCAL AGREEMENT: DATE 7-9-87 AMOUNT $440,000.00

SUPPLEMENTAL AGREEMENT(S):

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LIST OTHER FUNDING SOURCES AND AMOUNTS:

CONSULTANT: [ ] ENTITY [ ] OTHER Black & Veatch Engineers/Architects

CONSULTANT AGREEMENT: DATE 2-16-88 AMOUNT $370,000.00

LIST SUBCONSULTANT(S):
1) Surveyors Incorporated
2) J. H. Kleinfelder & Associates
3) Others

SUBCONSULTANT AGREEMENT(S):

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CONTRACTOR: N/A

CONSTRUCTION CONTRACT: DATE N/A AMOUNT

PROJECT STATUS:
1) Progress to date: Pre-design 100% complete, Design 70% complete
   Right-of-way engineering is complete, starting the appraisal process

2) Problems and/or changes required:

3) Estimated amount expended to date: $253,000.00

4) Estimated next month's progress and expenditures: $27,000.00

5) Anticipated project completion date:
   Design is scheduled to be completed in May, 1989

6) Other:

STATUS-REP
MONTHLY PROJECT STATUS REPORT

PROJECT DESCRIPTION: SEARCHLIGHT FLOOD CONTROL

LEAD ENTITY: CLARK COUNTY DATE OF STATUS REPORT 4-3-89

PROJECT CONSISTS OF: (Check appropriate boxes)
- [ ] PRE-DESIGN
- [X] DESIGN
- [ ] RIGHT-OF-WAY
- [ ] CONSTRUCTION
- [ ] OTHER Right-of-way engineering & appraisals

INTERLOCAL AGREEMENT: DATE AMOUNT $172,000.00
SUPPLEMENTAL AGREEMENT(S): |

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LIST OTHER FUNDING SOURCES AND AMOUNTS: N/A

CONSULTANT: [ ] ENTITY [ ] OTHER
CONSULTANT AGREEMENT: DATE AMOUNT

LIST SUBCONSULTANT(S):
1) |
2) |
3) |

SUBCONSULTANT AGREEMENT(S): |
1) DATE AMOUNT |
2) DATE AMOUNT |
3) DATE AMOUNT |

CONTRACTOR: N/A
CONSTRUCTION CONTRACT: DATE AMOUNT

PROJECT STATUS:
1) Progress to date: Drainage study has been submitted to CCRFCD for review
2) Problems and/or changes required:
3) Estimated amount expended to date:
4) Estimated next month's progress and expenditures:
5) Anticipated project completion date:
6) Other:

STATUS-REP
MONTHLY PROJECT STATUS REPORT

PROJECT DESCRIPTION: RAWHIDE CHANNEL PRE-DESIGN REPORT

LEAD ENTITY: CLARK COUNTY DATE OF STATUS REPORT 4-3-89

PROJECT CONSISTS OF: (Check appropriate boxes)
- [ ] PRE-DESIGN
- [ ] DESIGN
- [ ] RIGHT-OF-WAY
- [ ] CONSTRUCTION

INTERLOCAL AGREEMENT: DATE 5/17/88 AMOUNT $70,000.00

SUPPLEMENTAL AGREEMENT(S):
- [ ] DATE AMOUNT
- [ ] DATE AMOUNT
- [ ] DATE AMOUNT

LIST OTHER FUNDING SOURCES AND AMOUNTS: N/A

CONSULTANT: [ ] ENTITY [ ] OTHER G. C. WALLACE INC.

CONSULTANT AGREEMENT: DATE 1/3/89 AMOUNT $68,000.00

LIST SUBCONSULTANT(S):
1)  
2)  
3)  

SUBCONSULTANT AGREEMENT(S):
1) DATE AMOUNT
2) DATE AMOUNT
3) DATE AMOUNT

CONTRACTOR: N/A

CONSTRUCTION CONTRACT: DATE AMOUNT

PROJECT STATUS:
1) Progress to date: Approximately 20% complete.

2) Problems and/or changes required: Project progress halted by G. C. Wallace due to unavailability of McCarran Airport outflow hydrograph information

3) Estimated amount expended to date: $13,809.63

4) Estimated next month's progress and expenditures: unk

5) Anticipated project completion date: 4/20/88 (original completion date)

6) Other:

STATUS-REP
MONTHLY PROJECT STATUS REPORT

PROJECT DESCRIPTION: GOODSPRINGS FLOOD CONTROL

LEAD ENTITY: CLARK COUNTY DATE OF STATUS REPORT 4-3-89

PROJECT CONSISTS OF: (Check appropriate boxes)
☐ PRE-DESIGN ☐ DESIGN
☐ RIGHT-OF-WAY ☐ CONSTRUCTION
☐ OTHER Right-of-way Engineering; Appraisals

INTERLOCAL AGREEMENT:
SUPPLEMENTAL AGREEMENT(S): DATE AMOUNT $99,000.00

LIST OTHER FUNDING SOURCES AND AMOUNTS: N/A

CONSULTANT: ☐ ENTITY ☐ OTHER
CONSULTANT AGREEMENT: DATE AMOUNT

LIST SUBCONSULTANT(S):
1) __________________________ AMOUNT __________________________
2) __________________________ AMOUNT __________________________
3) __________________________ AMOUNT __________________________

SUBCONSULTANT AGREEMENT(S):
1) DATE AMOUNT __________________________
2) DATE AMOUNT __________________________
3) DATE AMOUNT __________________________

CONTRACTOR:
CONSTRUCTION CONTRACT: DATE N/A AMOUNT

PROJECT STATUS:
1) Progress to date: Drainage study has been submitted to CCRFCD for review.

2) Problems and/or changes required:

3) Estimated amount expended to date:

4) Estimated next month's progress and expenditures:

5) Anticipated project completion date:

6) Other:

STATUS-REP
**PROJECT NO.**

**ASSIGNED BY THE DISTRICT**

---

**PROJECT DESCRIPTION:** OCRFCD, CLVU, PHASE 1, PROJECTS 1 & 2

**ANGEL Pk OUTFALL & CONVEYANCE TO GOVAN, SOUTHEAST**

**LEAD ENTITY:** City of Las Vegas

**DATE OF STATUS REPORT:** 4-12-89

---

**PROJECT CONSISTS OF:**

- [ ] Pre-Design
- [x] Right-of-Way
- [ ] Construction
- [ ] Other

---

**INTERLOCAL AGREEMENT:**

- **DATE:** 1/12/89
- **AMOUNT:** $237,400

---

**SUPPLEMENTAL AGREEMENT(S):**

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**CONSULTANT:**

- [ ] ENTITY
- [ ] OTHER

**G.C. WALLACE INC.**

**CONSULTANT AGREEMENT DATE:** 1/12/89

**AMOUNT:** $184,800

**LIST SUBCONSULTANT(S):**

1. **WESTERN TECHNOLOGIES INC. - SOILS**

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**CONTRACTOR:**

**CONSTRUCTION CONTRACT DATE:**

**AMOUNT:**

---

**PROJECT STATUS:**

1. **Progress to date:** NOTICE TO PROCEED ISSUED 3/31/89. PROJECT KICK-OFF MEETING HELD 4/1/89.

2. **Problems and/or changes required:**

3. **Estimated amount expended to date:** 10% or $164,800

4. **Estimated next month's progress and expenditures:** $35,000

5. **Anticipated project completion date:** 7/31/89

6. **Other:**

---

**STATUS-REP**

**APR 12 1989**

**REGIONAL NUGGET CONTROL, DIST.**

**MONTHLY PROJECT STATUS REPORT**

---

**RECEIVED**

Signature: [Signature]

Date: [Date]

[Stamp: RECEIVED]

[Stamp: PROJECT NO. ASSIGNED BY THE DISTRICT]
MONTHLY PROJECT STATUS REPORT

PROJECT DESCRIPTION: CERTCD. CENTRAL LAS VEGAS VALLEY PHASE 1

PROJ. 1243: GOVERN SYSTEM FROM ANGLE PARK

LEAD ENTITY: CITY OF LAS VEGAS DATE OF STATUS REPORT APRIL 12, 1989

PROJECT CONSISTS OF: (Check appropriate boxes)
- [x] PRE-DESIGN
- [ ] RIGHT-OF-WAY
- [ ] CONSTRUCTION
- [ ] OTHER

INTERLOCAL AGREEMENT: DATE 8-4-87 AMOUNT $317,900

SUPPLEMENTAL AGREEMENT(S): DATE AMOUNT

LIST OTHER FUNDING SOURCES AND AMOUNTS:

CONSULTANT: [ ] ENTITY [ ] OTHER G.C. WALLACE INC
CONSULTANT AGREEMENT: DATE 1-20-88 AMOUNT $274,950

LIST SUBCONSULTANT(S):
1) 
2) 
3) 

SUBCONSULTANT AGREEMENT(S): 1) DATE AMOUNT
2) DATE AMOUNT
3) DATE AMOUNT

CONTRACTOR:

CONSTRUCTION CONTRACT: DATE AMOUNT

PROJECT STATUS:
1) Progress to date: PROJECT IS COMPLETE. FINAL REPORT DELIVERED 4/10. FINAL BILLING TO CONSULTANT AUTHORIZED FOR PAYMENT 4/10/89

2) Problems and/or changes required: NO

3) Estimated amount expended to date: 100% $274,950

4) Estimated next month's progress and expenditures: Final Consultant Bill $11,848.14, Plus C.L.V. Staff $500

5) Anticipated project completion date: Project Complete 4/10/89

6) Other: CERTCD TECH COMMITTEE APPROVED FINAL REPORT 3/23/89

STATUS-REP

C/8-3
MONTHLY PROJECT STATUS REPORT

PROJECT DESCRIPTION: TOWN WASH DETENTION BASIN

LEAD ENTITY: CITY OF MESQUITE DATE OF STATUS REPORT 4/3/89

PROJECT CONSISTS OF: (Check appropriate boxes)
☐ PRE-DESIGN ☐ DESIGN
☒ RIGHT-OF-WAY ☐ CONSTRUCTION
☐ OTHER

INTERLOCAL AGREEMENT: DATE 3/1/88 AMOUNT $10,000

SUPPLEMENTAL AGREEMENT(S):
DATE DATE AMOUNT

LIST OTHER FUNDING SOURCES AND AMOUNTS: None

CONSULTANT: ☐ ENTITY ☒ OTHER Bulloch Brothers Engineers

CONSULTANT AGREEMENT: DATE

LIST SUBCONSULTANT(S):
1) AMOUNT
2)
3)

SUBCONSULTANT AGREEMENT(S):
1) DATE AMOUNT
2) DATE AMOUNT
3) DATE AMOUNT

CONTRACTOR: ----

CONSTRUCTION CONTRACT: DATE ---- AMOUNT ----

PROJECT STATUS:

2) Problems and/or changes required: None

3) Estimated amount expended to date: Total of $9600.50

4) Estimated next month's progress and expenditures:

5) Anticipated project completion date:

6) Other:

STATUS-REP
MEMORANDUM

TO: Virginia Bax-Valentine, P.E., General Manager
Clark County Regional Flood Control District

FROM: Alan F. Gove, P.E., Director of Public Works

DATE: 4-24-89

SUBJECT: FLOOD CONTROL PROJECT STATUS REPORT

1. Hemenway Wash Improvements (4113)

This work consists of debris/detention basins, three major street crossings and extensive channel work to contain flows within the Hemenway Valley.

A. Design - This work is under contract to James M. Montgomery Engineers with plan completion due August, 1989. This design work will provide for 60% of Phase One project work.

B. Construction - To be phased over year 3, 4 & 5 when plans completed.

C. Estimated Construction Cost - $2,500,000.00

2. Bootleg Canyon Diversion Dike (4100)

This work consists of construction of a diversion dike to direct Bootleg Canyon flows into a detention basin currently being excavated as part of a gravel pit operation. This will prevent Bootleg Canyon discharge into Hemenway Valley. The detention basin will stabilize flows through the Business Park north of Boulder Highway and provide protection for the new airport facility and existing wastewater treatment facility in this drainage basin.

A. Design - Complete

B. Construction - Scheduled September 1989

C. Estimated Construction Cost - $54,000.00

continued...
3. Georgia Avenue Channel (4108)

This work consists of construction of approximately 5,000 ft. of concrete lined channel. 2,500 ft. of channel has recently been constructed along the Georgia Avenue alignment and this work will complete the drainage system upstream and downstream in a very active development area.

A. Design - Complete
B. Construction - Scheduled for July 1989
C. Estimated Construction Cost - $300,000.00

4. Buchanan Boulevard Channel (4107)

This work consists of construction of approximately 5,000 ft. of concrete lined channel. 1,000 ft. of channel has recently been constructed along the Buchanan Boulevard alignment and this work will complete the drainage system upstream and downstream in an active development area. This work is also required prior to the Buchanan Boulevard reconstruction project from El Camino to Georgia Avenue.

A. Design - Complete
B. Construction - Scheduled for July 1989
C. Estimated Construction Cost - $300,000.00

cc: Dick Renshaw
    George Forbes
    file (7)
April 19, 1989

Virginia Bax-Valentine, P.E.
General Manager
Clark County Regional Flood Control District
301 East Clark Avenue, Suite 300
Las Vegas, Nevada 89101

Dear Virginia:

The following is a current status report of CCRFCD projects in progress in the City of North Las Vegas:

A. LAS VEGAS WASH, I-15 TO PECOS ROAD

1. Description: Hydrologic analysis, sediment yield analysis, development alternatives for the best facilities to control drainage contributing to the Las Vegas Wash.

2. Status: A modified contract with Black and Veach was entered into in October 1988. The entire study should be complete by May 1989.

3. Cost: Not to exceed $324,000.

4. Funding:

   $20,000 - NLV Revenue Sharing Funds.

B. LAS VEGAS WASH, CRAIG ROAD TO CIVIC CENTER DRIVE (King Charles Diversion)

1. Description: Flood channel from Craig Road to Las Vegas Wash parallel to the UPRR.

2. Status: Phase 1 from the UPRR bridge to the Las Vegas Wash is complete. The UPRR bridge is substantially complete. CALNEV pipe line lowering is complete.
Phase 2 - James M. Montgomery Engineers Inc. is in the process of completing the improvement plans and bid documents. The plans are being routed to local entities and the UPRR for final review.

3. Cost: The cost of Phase 2 is estimated at $866,450.

4. Funding:

$1,575,000 - Clark County Bond Issue, interlocal dated December 18, 1984, to fund this project and the "N" Channel improvements.

$1,000,000 - CCRFCD interlocal dated September 15, 1987.

$ 600,000 - Clark County Bond Issue, supplemental interlocal dated March 3, 1987.

C. WESTERN TRIBUTARY TO THE LA8 VEGAS WASH, CRAIG RANCH GOLF COURSE TO CRAIG ROAD.

1. Description: A concrete lined flood control channel from the northeast corner of the Craig Ranch Golf Course southeasterly to Craig Road.

2. Status: Bids have been received. The CCRFCD awarded the bid to the low bidder, Max Riggs Construction Company, at its March 9, 1989 meeting. The NLV City Council awarded the bid on March 15, 1989. The low bid was $1,499,390.

The preconstruction meeting is planned for April 21, 1989. Notice to proceed has been authorized by the EDA. North Las Vegas will issue a notice to proceed based after the April 21 preconstruction meeting.

3. Cost: $1,499,390

4. Funding:

$ 643,200 - EDA grant.


No Change - CCRFCD supplemental dated May 3, 1988 to allocate more for engineering design.


D. WESTERN TRIBUTARY TO THE LAS VEGAS WASH, CRAIG ROAD TO ALEXANDER ROAD

1. Description: Concrete lined channel from Craig Road to Alexander Road.

2. Status: The CCRFCD awarded the contract for the construction of this project to Max Riggs Construction Company at its meeting of March 9, 1989. The low bid was $1,170,245. The NLV City Council awarded the contract on March 15, 1989. Notice to proceed will be issued after a preconstruction meeting that is scheduled for April 21, 1989.

3. Cost: $1,170,245

4. Funding:
   $1,000,000 - CCRFCD interlocal dated December 1, 1987.
   No Change - CCRFCD supplemental dated May 3, 1988 to allocate more for engineering design.

E. WEST RANGE WASH DETENTION BASIN PREDESIGN

1. Description: Hydrologic analysis, sediment yield analysis, development alternatives for the best facilities to control drainage from the West Range Wash.

2. Status: A contract with Boyle Engineers was entered into on January 18, 1989. The predesign study is to be complete within 180 days.

3. Cost: Not to exceed $245,000 ($215,000 for this study and $30,000 for the study of the East Range Wash Detention Basin system).

4. Funding:

F. EAST RANGE WASH DETENTION BASIN PREDESIGN

1. Description: Hydrologic analysis, sediment yield analysis, development alternatives for the best facilities to control drainage from the East Range Wash.
2. Status: A contract with Boyle Engineers was entered into on January 18, 1989. The predesign study is to be complete within 180 days.

3. Cost: Not to exceed $245,000 ($30,000 for this study and $215,000 for the study of the West Range Wash Detention Basin system).

4. Funding:


G. Gowan Road Outfall Structure Predesign and Redesign

1. Description: Predesign and design of the outfall structure for the Gowan Road detention basin system. The project will consist of the construction of box structures, pipes, open channels, bridges, etc., from Decatur Boulevard northeasterly to the point at which the channel intersects Commerce Street.

2. Status: An interlocal agreement was submitted to the CCRFCD on April 19, 1989 for consideration by the technical committee on April 27, 1989. A request for proposals has been sent to qualified engineering companies.

3. Cost: Not to exceed $480,000.

4. Funding:

$480,000 - CCRFCD by interlocal agreement.

Very truly yours,

[Signature]

Gary W. Holler, P.E.
Director of Public Works

GH:CCRFCD#4.RPT
Subject: FINANCIAL REPORTS

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

Recommendation: THAT THE BOARD ACCEPT THE REPORTS

Fiscal Impact: NONE

Background:

The following financial reports are submitted for your review:

a) Fund Balance Reports (286 & 443)
b) Monthly Expenditure Report (286)
c) Project Expense Summary
d) Revenue Report

Respectfully submitted,

VIRGINIA BAX-VALENTINE, P.E.
General Manager/Chief Engineer

<table>
<thead>
<tr>
<th>T.C. AGENDA</th>
<th>FCD AGENDA</th>
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</thead>
<tbody>
<tr>
<td>ITEM # 14</td>
<td>ITEM 10</td>
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<tr>
<td>Date:</td>
<td>Date:</td>
</tr>
<tr>
<td>4-27-89</td>
<td>5-11-89</td>
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**CURRENT ASSETS**

Beginning Cash Balance $16,857,035.00

<table>
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<tbody>
<tr>
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<td>2. Interest Earnings</td>
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<td>3. Sale of Materials</td>
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<td>4. Ad Valorem Taxes</td>
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**TOTAL ASSETS** $18,425,238.96

**CURRENT LIABILITIES**

Payments: March 1989

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<td>1. RTC Payroll</td>
<td>1,080.44</td>
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<td>2. Administrative Expenditures</td>
<td>36,556.15</td>
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<td>3. Professional Services</td>
<td>69,007.43</td>
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<tr>
<td>4. Transfer to Fund 443</td>
<td>1,820,000.00</td>
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**TOTAL LIABILITIES** $1,926,644.02

**FUND BALANCE** $16,498,584.94

Add: RTC Payroll $1,080.44

**FUND BALANCE TOTAL** $16,589,675.38

*Other Notes:*

Cost Sharing Earned Account Balance as of March 31, 1989 $10,000,014
CURRENT ASSETS

Beginning cash balance March 1 $8,097,151.47

Receipts:

1. Transfers from Fund 286 1,820,000.00

TOTAL ASSETS MARCH 31 $9,917,151.47

CURRENT LIABILITIES

Payments: March 1989

1. Comptroller's Payments $678,472.37

TOTAL LIABILITIES MARCH 31 $678,472.37

FUND BALANCE TOTAL $9,238,679.10
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**TOTAL:** $10,119.02

**PROFESSIONAL SERVICES:**

| 7210 | 22-Feb-89 | The Mark Group | PO65336 | 818.37 |
| 7210 | 27-Feb-89 | Comptroller    | 3QR-PY89 | 4,910.00 |
| 7210 | 09-Feb-89 | Dream Merchant | RFCD Logo | 700.00 |
| 7210 | 06-Mar-89 | Comp.Planning  | PO73921  | 20,000.00 |
| 7210 | 20-Mar-89 | Dames & Moore  | PO71212  | 2,560.55 |
| 7210 | 20-Mar-89 | Boyle Engineer | PO70960  | 2,123.18 |
| 7210 | 24-Mar-89 | Boyle Engineer | PO70960  | 12,892.33 |

**TOTAL:** $69,087.43

**31-Mar-89**

| 31-Mar-89 | Payroll | 23,879.45 |
| 31-Mar-89 | Insurance & Benefits | 5,707.60 |

**TOTAL:** $8,647.15

**TOTAL:** $105,563.58
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<th>PROJECT NAME</th>
<th>INTERLOCAL AGREEMENT AMOUNT</th>
<th>PURCHASE ORDER AMOUNT</th>
<th>INTERLOCAL AGREEMENT BALANCE</th>
<th>VENDOR</th>
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<th>TOTAL EXPENDED</th>
<th>PURCHASE ORDER BALANCE</th>
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THE LAKES AT LAS VEGAS

67,700.00  0.00  0.00

Harza Engineer  44,999.26  44,999.26  22,700.74

678,530.34
### CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
### SALES TAX REVENUES REPORT

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<th>MONTH</th>
<th>REVENUE GENERATED</th>
<th>SALES TAX RECEIVED</th>
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<th>SALES TAX REVENUES</th>
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<th>FY TOTAL</th>
<th>ALL FY'S CUMULATIVE TOTAL</th>
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| SUBTOTAL-FY 68-69 | $14,710,800.00 | $11,486,813.72 |