

7th Ave + ACDC

SPECIAL PROVISIONS
PEDESTRIAN BRIDGE RELOCATION
OVER ARIZONA CANAL

Bid opening June 7, 1984 @ 2:30

A118.536

E.E. #30,000.00

BID SUMMARY & CHECKLIST

Pedestrian Bridge

2:30 PM

PROJECT: *Relocation over Ariz. Canal*

CONTRACT FCD: *B4-18*

DATE: *June 7, 1984*

Item	<i>HOKOKAM CONTRACTING</i>	<i>AMISIO CONSTR COMPANY</i>	<i>MICHAEL N. MEHURCH</i>	<i>JWJ CONTRACTING</i>	<i>ROYDEN CONSTR. CO.</i>
Schedule Complete	✓	✓	✓	✓	✓
Addenda Noted	✓	✓	✓	✓	✓
No Exceptions	✓	✓	✓	✓	✓
Changes Initialed	✓	✓	✓	✓	✓
Proposal Signed	✓	✓	✓	✓	✓
License Number	✓	✓	✓	✓	✓
Bid Security	✓	✓	✓	✓	✓
No Collusion Affidavit	✓	✓	✓	✓	✓
1					
2					
3					
TOTAL CONTRACT	<i>21,762⁰⁰</i>	<i>32,906⁰⁰</i>	<i>31,734²⁰</i>	<i>38,315⁰⁰</i>	<i>52,525⁰⁰</i>

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ADDENDUM NO. 1

DATE: May 25, 1984

FCD Contract No. 84-18

Page 1 of 1

TO CONTRACT DOCUMENTS

ENTITLED: Pedestrian Bridge Relocation over Arizona Canal

OWNER: FLOOD CONTROL DISTRICT of Maricopa County

The above documents are herein modified. The provisions of said documents applicable to these modifications remain unchanged unless specifically indicated otherwise herein. This Addendum forms a part of the Contract Documents and modifies them as follows:

1. Remove Sheet 2 of 4 from the plans and substitute the enclosed revised Sheet 2 of 4, dated May 25, 1984. Note the change in ramp grade from 4:1 on the original plan to 10:1 on the revised sheet. Also note the addition of 54.0 square yards of 2" A.C. paving.
2. Add the following to the BIDDING SCHEDULE, (Page 3 of 5 of the BID FORM):

<u>Item No.</u>	<u>Approximate Quantity</u>	<u>Unit</u>	<u>Description</u>
321	54.0	S.Y.	C-3/4, Asphalt Concrete

3. On the BIDDING SCHEDULE, (Page 3 of 5 of the BID FORM), change the quantity for item number 505-1 Class A concrete, from 41.0 C.Y. to 34.0 C.Y.

Breinhalt Contracting
5303 E. Fairview
Chandler, AZ 85224

JWJ Contracting Co.
4525 W. University
Phoenix, AZ 85034

Reliance Truck Co.
2500 N. 24th Ave.
Phoenix, AZ 85009

Eddie Givens Construction
533 W. McKellips
Mesa, AZ 85201

Cabrillo Crane Corp
1837 S. 19th Ave.
Phoenix, AZ 85009

B. L. Gustafson
3940 W. Cactus Dr.
Phoenix AZ 85308

Tiffany Construction
P. O. Box 6070
Phoenix, AZ 85005

Dodge Reports
5225 N. Central
Phoenix, AZ 85012

a constructors, Inc.
Parpet Contract
1018 E. Guadalupe
Tempe, AZ 85283
831-6616

Blue Streak
537 W. Lynwood
Phoenix, AZ 85003

Amigo Construction Co. Inc.
1101 W. Watkins Rd.
Phoenix, AZ 85007

254-7156

Parpet

Bob 831 6612

Lattimore Construction Co.
3711 E. Miami Ave
P. O. Box 21004
Phoenix, AZ 850036

KMK Company
P. O. Box 5236
Scottsdale, AZ 85216

Royden Construction
P.O. Box 3707
Phoenix, AZ 85030

Special Operations Group
3739 W. Fleetwood
Phoenix, AZ 85019

Builders Guild, Inc.
618 W. McKellips Rd.
Mesa, AZ 85201

HoHokam Contracting
P. O. Box 325
Coolidge, AZ 85228

Property of
Flood Control District of MC Library
Please Return to
2801 W. Durango
Phoenix, AZ 85009

SPECIAL PROVISIONS
FOR
PEDESTRIAN BRIDGE RELOCATION OVER
ARIZONA CANAL

CONTRACT NO. FCD 84-18



SUPPLEMENTARY TO MARICOPA ASSOCIATION OF GOVERNMENTS UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION EDITION OF 1979 AND REVISIONS AND SUPPLEMENTS THERETO.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CONTRACT NO. FCD 84-18

TABLE CONTENTS:

1. Invitation for Bids
2. Bid Form
3. Construction Special Provisions
4. No Collusion Affidavit
5. Contract
6. Statutory Payment Bond
7. Statutory Performance Bond
8. Certificate of Insurance
9. Drawings: Construction plans for pedestrian bridge,
Relocation over Arizona Canal.
Sheets 1 through 4 of 4.

INVITATION FOR BIDS
(Construction Contract)

Project: Pedestrian Bridge
Relocation over Arizona
Canal

Ref. Invitation FCD 84-18
Date: March 30, 1984
Issued by: Flood Control District
Maricopa County

Location: 47th Avenue at the Arizona
Canal. Phoenix, Arizona

SEALED BIDS, IN SINGLE COPY FOR THE WORK DESCRIBED HEREIN WILL BE RECEIVED UNTIL 2:30 p.m. LOCAL TIME AT THE PLACE OF THE BID OPENING, June 7, 1984 IN THE OFFICE OF THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY, 3335 WEST DURANGO STREET, PHOENIX, ARIZONA 85009, AND AT THAT TIME PUBLICLY OPENED.

BID SECURITY IN AN AMOUNT OF NOT LESS THAN FIVE PERCENT (5%) OF THE TOTAL BID PRICE MUST BE SUBMITTED WITH EACH BID. THE BID SECURITY MAY BE IN THE FORM OF A BID BOND, CASHIERS CHECK, POSTAL MONEY ORDER, OR CASH. THE BID SECURITY WILL BE MADE PAYABLE TO THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY AS A GUARANTEE THAT IF THE WORK IS AWARDED TO THE BIDDER, HE WILL WITHIN TEN (10) DAYS FROM THE DATE OF SUCH AWARD, ENTER INTO PROPER CONTRACT AND BOND CONDITIONS FOR THE FAITHFUL PERFORMANCE OF THE WORK. OTHERWISE, SAID AMOUNT WILL BE FORFEITED TO THE FLOOD CONTROL DISTRICT. BID SECURITY, WILL BE RETURNED AS PRESCRIBED BY MAG 103.

THE SUCCESSFUL BIDDER SHALL BE REQUIRED TO FURNISH PERFORMANCE AND PAYMENT BONDS IN PENAL SUMS NOT LESS THAN ONE HUNDRED PERCENT (100%) RESPECTIVELY, OF THE ORIGINAL AMOUNT OF THE CONTRACT.

DESCRIPTION OF WORK:

Removal of the existing pedestrian bridge beam over the abandoned Arizona Canal; modifications to the beam and resetting of the beam over the newly relocated Arizona Canal plus other incidental related work.

THE WORK SHALL COMMENCE WITHIN seven (7) CALENDAR DAYS AND BE COMPLETED WITHIN thirty (30) CALENDAR DAYS AFTER RECEIPT OF THE NOTICE TO PROCEED.

NOTICE: THE BID SCHEDULE, SPECIAL PROVISIONS, INSTRUCTIONS TO BIDDERS, UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1979 EDITION (MAG) AND REVISIONS AND SUPPLEMENTS THERETO, DRAWINGS LISTED UNDER THE CONTENTS, WILL BE INCORPORATED IN AND BECOME A PART OF THE RESULTANT CONTRACT.

CHERIE PENNINGTON, CLERK
BOARD OF DIRECTORS
FLOOD CONTROL DISTRICT OF
MARICOPA COUNTY

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
INVITATION FOR BIDS, FCD 84-18
INSTRUCTIONS TO BIDDERS

1. Explanation to Bidders. Any explanations desired by the bidder, questions, or items for clarification regarding the meaning or interpretation of the invitation for bids, drawings, specification, etc., may be addressed to the Chief Engineer and General Manager, preferably in writing, prior to the pre-bid conference. Any answers, interpretations or clarifications affecting the cost will be addressed to all bidders in an addendum to the invitation. The receipt of an addendum by the bidder must be acknowledged in the space provided on the bid form or by letter or telegram received before the time set for the bid opening. Oral explanations or instructions given before the award of the contract will not be binding.
2. Conditions Affecting the Work. Bidders should visit the site and take such other steps as may be reasonably necessary to ascertain the nature of the work, the general and local conditions which can affect the work and the cost thereof. Failure to do so will not relieve bidders from responsibility for estimating properly the difficulty or cost of successfully performing the work. (See MAG 102.4)
3. Bidder's Qualifications. Before a bid is considered for award, a bidder may be requested by the Chief Engineer and General Manager of the Flood Control District to submit a statement regarding his previous experience in performing comparable work, his business and technical organization, financial resources, and plant available to be used in performing the work.
4. Bid Guarantee. Where a bid guarantee is required by the invitation for bids, failure to furnish a bid guarantee in the proper form and amount, by the time set for opening of bids, may be cause for rejection of the bid.

If the successful bidder, upon acceptance of his bid by the Flood Control District with the period specified herein for acceptance (sixty days if no period is specified) fails to execute such further contractual documents, if any, and give such bond(s) as may be required by the terms of the bid as accepted within the time specified (ten days if no period is specified) after receipt of the forms by him, his contract may be terminated for default. In such event he shall be liable for any cost of procuring the work which exceeds the amount of his bid, and the bid guarantee shall be available toward offsetting such difference.

5. Preparation of Bids. Bids shall be submitted on the forms furnished, or copies thereof, and must be manually signed. If erasures or other changes appear on the forms, each erasure or change must be initialed by the person signing the bid. Unless specifically authorized in the invitation for bids, telegraphic bids will not be considered.

No bid will be considered unless all items in the bid schedule are priced. In case of an error in the extension of price, the unit price shall govern. The quantities listed on the bid schedule on which unit prices are requested are estimates only.

Unless called for, alternate bids will not be considered.

Modifications of bids already submitted will be considered if received at the office designated in the invitation for bids by the time set for opening bids.

6. Submission of Bids. Bids must be sealed, addressed to the Chief Engineer and General Manager, Flood Control District of Maricopa County, 3335 West Durango, Phoenix, Arizona 85009, and marked to identify the bid to the referenced Contract FCD Number. Failure to appropriately identify the bid may result in a premature opening of, or a failure to open, such bid. The name of the bidder shall be on the outside of the envelope. (See MAG 102.9).
7. Withdrawal of Bids or Modifications. Bids may be withdrawn by written request received from the bidder prior to the time set for the opening of bids.
8. Public Opening of Bids. Bids will be publicly opened at the time and place set for the opening in the invitation for bids. Their content will be made public for the information of bidders and others interested, who may be present either in person or by representative.
9. Award of Contract. Award and execution of a contract shall be in accordance with MAG Section 103.
10. Specifications. Specifications referred to herein shall include all revisions and amendments in effect on the date of issuance of the invitation for bids. These instructions, Special Instructions to Bidders, and the herein contained Construction Special Provisions supplement the Uniform Standard Specifications herein referred to by "MAG" section number of paragraph number; however, in case of conflict, these instructions and Special Provisions supersede the Uniform Standard Specifications (MAG).

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
INVITATION FOR BIDS, FCD
SPECIAL INSTRUCTIONS TO BIDDERS

Location of the Work

47th Avenue at the Arizona Canal. Phoenix, Arizona.

Contract Plans, Special Provisions and Contract Documents: Plans, Special Provisions, and forms for proposal, Bidding Schedule, Contract Agreement and Performance Bond may be obtained from the Flood Control District of Maricopa County, 3335 West Durango Street, Phoenix, Arizona, upon payment of \$7.00 by check payable to the FLOOD CONTROL DISTRICT OF MARICOPA COUNTY. This payment will not be refunded. Plans sheets may be purchased separately for a fee of \$2.00, not refundable.

APPROXIMATE QUANTITY

<u>QUANTITY</u>	<u>UNIT</u>	<u>DESCRIPTION</u>
1	L. S.	Removal of existing improvements.
41	L. F.	Concrete caissons
41	C. Y.	Class A Concrete
3610	lbs.	Reinforcing steel

and such other pertinent items as are necessary for the completion of the project as shown on the plans or as called for in the Special Provisions or in the Maricopa Association of Governments Uniform Standard Specifications for Public Works Construction.

CHERIE PENNINGTON, CLERK
BOARD OF DIRECTORS
FLOOD CONTROL DISTRICT OF
MARICOPA COUNTY

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
(Construction Contract)

BID FORM

Project: Pedestrian Bridge Relocation Invitation FCD 84-18
 over Arizona Canal Date: March 30, 1984

Location: 47th Avenue at the Arizona Canal,
 Phoenix , Arizona

To: Chief Engineer and General Manager
 Flood Control District of Maricopa County
 3335 West Durango
 Phoenix, Arizona 85009

The following Proposal is made on behalf of _____

_____ and no others. The Total contract
amount of this proposal is (in words) _____

_____ and _____/100 dollars, (in figures)

_____. This amount being the sum total of the extended
amount for each pay item on the Bidding Schedule.

Evidence of authority to submit the Proposal is herewith furnished. The Proposal is in all respects fair and is made without collusion on the part of any person, firm, or corporation mentioned above, and no member or employee of the Flood Control District Board of Directors is personally or financially interested, directly or indirectly in the Proposal, or in any purchase or sale of any materials or supplies for the work in which it relates or in any portion of the profits thereof.

The Undersigned certifies that the approved Plans, Uniform Standard Specifications for Public Works Construction, 1979 Edition (MAG) and revisions and supplements thereto, together with the Special Provisions, forms of Contract and Bond authorized by the Board of Directors and constituting essential parts of this Proposal, have been carefully examined, and also that the site of the work has been personally inspected.

The Undersigned declares that the amount and nature of the work to be done is understood and that at no time will misunderstanding of the Plans, Specifications, Special Provisions, or conditions to be overcome, be plead. On the basis of the Plans, Specifications, Special Provisions, the forms of Contract, and the Bond proposed for use, the Undersigned proposes to furnish all the necessary machinery, equipment, tools, apparatus, and other means of construction, to do all the work and to furnish all the materials in the manner specified and to finish the entire project within the time

hereinafter proposed and to accept, as full compensation therefor, the sum of various products obtained by multiplying each unit price, herein bid for work or materials, by the quantity thereof actually incorporated in the completed project, as determined by the Chief Engineer and General Manager, Flood Control District of Maricopa County.

The Undersigned understands that the quantities mentioned herein are approximate and are subject to increase or decrease and hereby proposes to perform all quantities of work, as either increased or decreased, in accordance with the provisions of the Specifications, at the unit price bid in the Bidding Schedule.

BIDDING SCHEDULE

PROJECT: PEDESTRIAN BRIDGE RELOCATION
 OVER ARIZONA CANAL
 CONTRACT: 84- 18

Item No.	Approximate Quantity	Unit	Description	Unit Cost (in writing) and /100 dollars	Unit Cost	Extended Amount
350	- -	L.S.	Removal of Existing Improvements			
502	41.0	L.F.	Concrete Caissons			
505-1	41.0	C.Y.	Class A Concrete			
505-2	3,610	Lbs.	Reinforcing Steel			

The Bidder hereby acknowledges receipt of and agrees his proposal is based on the following Addenda

TOTAL _____

The Undersigned further proposes to execute the Contract Agreement and furnish satisfactory Bonds within ten (10) days from the date of award, time being of the essence. The Undersigned further proposes to begin the work as specified in the Contract attached hereto, and to complete the work within the time limits as specified in the Special Provisions and maintain at all times a Contract Bond, approved by the Board of Directors, in an amount equal to one hundred percent (100%) of the total bid. This bond shall serve not only to guarantee the completion of the work on the part of the Undersigned, but also to guarantee the excellence of both workmanship and material and the payment of all obligations incurred, said Bond to be in full force and effect until the work is finally accepted and the provisions of the Plans, Specifications, and Special Provisions are fulfilled.

A Proposal guaranty in the amount and character named in the Invitation for Bids is enclosed amounting to not less than five percent (5%) of the total bid, which Proposal guaranty is submitted as a guaranty of the good faith of the Bidder and that the Bidder will enter into written contract, as provided, to do the work, if successful in securing the award thereof; and it is hereby agreed that if at any time other than as provided in the Proposal requirements and conditions the Undersigned should withdraw this Proposal, or if the Proposal is accepted and there should be failure on the part of the Undersigned to execute the Contract and furnish satisfactory Bond as herein provided, the Flood Control District of Maricopa County in either of such events, shall be entitled and is hereby given the right to retain the said Proposal guaranty as liquidated damages.

Date: _____, 19____.

IF BY AN INDIVIDUAL:

(Name)

(Address)

IF BY A FIRM OR PARTNERSHIP:

(Firm Name)

(Firm Address)

By: _____

*Name and Address of Each Member:

Date: _____, 19____.

IF BY A CORPORATION:

(Corporate Name) (Corporation Address)

By: _____

**Incorporated under the Laws of _____

Names and Addresses of Officers:

(President) (Address)

(Secretary) (Address)

(Treasurer) (Address)

*The name and post office address of each member of the firm or partnership must be shown.

**The name of the State under which the laws of the Corporation was chartered and names, title, and business address of the President, Secretary, and Treasurer must be shown.

CONSTRUCTION SPECIAL PROVISIONS
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FOR
PEDESTRIAN BRIDGE RELOCATION OVER ARIZONA CANAL
CONTRACT FCD 84-18

PROPOSED WORK: Removal of the existing pedestrian bridge beam over the abandoned Arizona Canal; modifications to the beam and resetting of the beam over the newly relocated Arizona Canal plus other incidental related work.

LOCATION OF WORK: 47th Avenue at the Arizona Canal.
Phoenix, Arizona

SPECIFICATIONS: The work embraced herein and as shown on the plans for the construction of this project shall be done in accordance with the Maricopa Association of Governments Uniform Standard Specifications for Public Works Construction dated 1979 and the Construction Special Provisions contained herein.

CONSTRUCTION SPECIAL PROVISIONS
CONTRACT NO. FCD 84-18

Page 1 of

WORK STANDARDS: The Contractor shall comply with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor Regulations (29 CFS Part 5).

CONTRACT TIME: The Contractor shall start work within seven (7) calendar days and complete all work on the project within thirty (30) calendar days after the date of Notice to Proceed.

WATER, LIGHT, POWER, HEAT, TELEPHONE: All water for construction purposes, drinking water, lighting, temporary electric power, heat and telephone service shall be arranged for and provided for the requirements of the work by the Contractor at his expense.

PROGRESS SCHEDULE: The Contractor shall submit his proposed work progress schedule to the Chief Engineer and General Manager for approval before starting the work.

ITEM CONTENTS: The herein contained Construction Special Provisions supplement the Uniform Standard Specifications; however, in case of conflict, these Special Provisions supersede the Uniform Standard Specifications.

GENERAL COMMENT: The cost of all work required under this contract as shown on the plans for which there are no specific items shown on the Bidding Schedule, shall be included in the prices bid for related items.

An attempt has been made to determine the location of all underground utilities and drainage pipes, culverts and structures; however, it shall be the Contractor's responsibility to cooperate with the pertinent utility companies so that any obstructing utility installation may be adjusted.

SUBSECTION 101.2 - DEFINITIONS AND TERMS: Change the definition of Budget Project to read as follows: A project financed by funds set aside in the annual budget or otherwise approved by the Board of Directors of the Flood Control District of Maricopa County.

Change the definition of Engineer to read as follows: The Chief Engineer and General Manager of the Flood Control District of Maricopa County acting directly or through his duly authorized representative.

Change the definition of Owner to read as follows: The Flood Control District of Maricopa County, acting through its legally constituted officials, officers or employees.

SUBSECTION 105.6 - COOPERATION WITH UTILITIES:

The following phone numbers as indicated should put the Contractor in contact with the proper personnel:

Mountain Bell Telephone Company	263-3219
Salt River Project	273-2202
Arizona Public Service	271-7014
Location Staking (APS, Mt. Bell, SRP) Blue Stakes	263-1100

SUBSECTION 103.6 (A) - CONTRACTOR'S INSURANCE: The contractor shall provide certified evidence of Public Liability and Property Damage Insurance as indicated.

SUBSECTION 108.7 - DETERMINATION AND EXTENSION OF CONTRACT TIME:

The contractor shall be responsible for having taken steps reasonably necessary to ascertain the nature and location of the work and the conditions which can affect the work and the cost thereof. Failure to do so will not relieve bidders from responsibility for successfully performing the work without additional expense to the Flood Control District. The Flood Control District assumes no responsibility for understandings, representations, or predictions concerning conditions of the work area during the period of the contract.

If performance of all or any part of the work is suspended, delayed, or interrupted by weather conditions or by a rise in the water level causing unstable ground conditions, an extension of the period for contract performance equal to the lost days will be granted by the Flood Control District. No claim for additional costs incurred because of such delay will be allowed.

If the contractor finds it impossible for reasons beyond his control to complete the work within the contract time as specified or as extended in accordance with the provisions of this subsection, he may, at any time prior to the expiration of the contract time as extended, make a written request to the Engineer for an extension of time setting forth therein the reasons which he believes will justify the granting of his request. If the Engineer determines that the contractor has proceeded with such diligence as would normally have ensured completion within the contract time, and that the reasons stated to justify a time extension are valid, he may extend the time for completion in such amount as conditions justify. The extended time for completion shall then be in full force and effect, the same as though it were the original time for completion.

SECTION 107.2 - PERMITS: Contractor shall be required to comply with the Salt River Valley Water Users' Association permits for crossing their facilities. A request has been submitted for these permits. Work in S.R.V.W.U.A. right-of-way is to be done only after securing a construction clearance from the Transmission Watermaster at 236-5461.

SECTION 109 - MEASUREMENTS AND PAYMENTS: Quantities shown on the plans, or stated or implied in the Specifications, are approximate only. The actual quantity required to complete the work of any item indicated in the proposal, including Lump Sum Items shall be furnished by the Contractor and measurement and payment will be in accordance with M.A.G. Specification, Section 109.

SECTION 206 - STRUCTURAL EXCAVATION AND BACKFILL: The area behind the abutments shall be backfilled where required and compacted in accordance with Section 211 of M.A.G. Specifications.

Approach ramp fill material shall be placed in accordance with Item 8 of the S.R.V.W.U.A. "General Bridge Specifications", included herein.

No payment will be made for structural excavation, backfill or placement of approach ramp fill. These costs are to be included in the price bid for other items.

SECTION 350 - REMOVAL OF EXISTING IMPROVEMENTS: The double-tee bridge beam in the existing pedestrian bridge in the vicinity of the project, is to be used in the new construction.

The Contractor shall remove the beam, with pipe fencing intact, from its present location, modify it, and install it in its new location in accordance with the details shown on the Contract Plans and these Special Provisions.

The existing foundations, except those portions removed in order to release the existing beam, shall remain in place.

Details of the Contractor's beam removal procedure shall be submitted to the Engineer for approval prior to beam removal. Plans of the existing pedestrian bridge are available for inspection at the office of:

HOFFMAN-MILLER ENGINEERS, INC.
3737 E. Indian School Road
Phoenix, Arizona 85018

As noted on Sheet 4 of the contract drawings, the fence end-posts are to be embedded in the new side walls. Placement of the end-posts at these locations will require a modification to the spacing of the vertical fence pipes at each end of the beam. The Contractor shall cut the horizontal fence pipes in order to make this modification and re-weld them after the end-posts are in place. Welds shall be ground flush with the pipe and painted with a zinc-rich paint after grinding.

The guard posts at each end of the bridge are to be salvaged from the existing bridge and placed as shown on Sheet 4.

The existing beam is to be modified in accordance with the details shown on Sheet 4 prior to placement in its new location. Prior to removal of the ends of the beam, a 1" deep saw-cut shall be made transversally across the top of the flange for the full flange width. The ends of the existing beam shall then be removed as closely as possible to the dimensions shown on the plans. Details of the removal of the beam ends shall be submitted to the Engineer for approval by the Contractor prior to starting removal operations. After the ends are removed, the removal surfaces shall be patched with grout to provide smooth surfaces.

Payment for beam removal, beam modification and installation and pipe fence modification shall be made at the Lump Sum price bid for Item 350 and no additional compensation will be made therefor.

S. R. V. W. U. A.

GENERAL BRIDGE SPECIFICATIONS

The term "Engineer" as used in these specifications shall mean the Assistant General Manager-Water or his duly authorized representative.

1. All work is to be in conformance with S.R.V.W.U.A. License issued for this project. If the plans and specification prepared by the Licensee differs from these specifications, these specifications shall take precedence.
2. S.R.V.W.U.A. License is for the express purpose of authorizing the construction, within the canal right of way.
3. Elevations of proposed bridge floor and underside of bridge deck to be verified by the Engineer prior to placing concrete.
4. No concrete will be placed without prior approval of the Engineer.
5. Exact alignment and length of retaining walls or wing walls, if required, will be established in the field by the Engineer prior to setting forms. If canal bank is disturbed during installation of retaining wall footings, bank to be reshaped and compacted, or lined, as directed by the Engineer.
6. All concrete, plaster or headwalls to be sprayed with a white pigmented curing compound, immediately after finishing or form removal.
7. Any material placed in canal or other Association facilities to be completely removed to the Engineer's satisfaction.
8. Approach ramp from new bridge approach apron to canal road to have a maximum slope of 4% parallel to the canal. The approach ramp or canal road is to be graded with a maximum 2% slope from the canal bank to the edge of the canal road to facilitate drainage away from the canal. Approach ramp material to be of reasonably well graded, screened gravel or broken rock with a good distribution of all sizes of material between the 1 inch and the #200 sieve size and to be thoroughly mixed with a minimum of 20% to a maximum of 40% fines (material that will pass the #200 sieve). Material to be moistened as directed by the Engineer and compacted to a minimum of 90% Proctor density.
9. All backfill to be carefully placed in 8" uncompacted lifts and compacted to a minimum of 90% Proctor density.

10. All damage to Association's facilities to be repaired by the Licensee or his Contractor to the Engineer's satisfaction. If emergency repair work is necessary or Licensee fails to complete all work covered by this License in a reasonable time as determined by the Engineer, this work will be performed by the Association and Licensee agrees to pay full cost of said work.

11. Work to be done only after securing a construction clearance from the Transmission Watermaster at 236-5461.

CONTRACT

THIS AGREEMENT, made and entered into this _____ day of _____, 19 __, by and between _____

of the City of _____, County of _____, State of _____, party of the first part, hereinafter designated the CONTRACTOR, and the FLOOD CONTROL DISTRICT OF MARICOPA COUNTY, acting by and through its BOARD OF DIRECTORS, a political subdivision of the State of Arizona, a body politic with corporate power, party of the second part, hereinafter designated OWNER.

WITNESSETH: That the said Contractor, for and in consideration of the sum to be paid him by the said Owner, in the manner and at the time hereinafter provided, and of the other covenants and agreements herein contained, and under the penalties expressed in the bonds provided, hereby agrees, for himself, his heirs, executors, administrators, successors, and assigns to as follows:

ARTICLE I-SCOPE OF WORK: The contractor shall furnish any and all labor, materials, equipment, transportation, utilities, services and facilities required to perform all work for the construction of Project No. FCD 84-18

and to completely and totally construct the same and install the material therein for the Owner, in a good and workmanlike and substantial manner and to the satisfaction of the Owner through its Engineers and under the direction and supervision of the Engineer, or his properly authorized agents and strictly pursuant to and in conformity with the Plans and Specifications prepared by the Engineers for the Owner, and with such modifications of the same and other documents that may be made by the Owner through the Engineer or his properly authorized agents, as provided herein.

ARTICLE II-CONTRACT DOCUMENTS: The Invitation for Bids, Plans, Standard Specifications and Details, Special Provisions, Addenda, if any, and Proposal, as accepted by the BOARD OF DIRECTORS, Performance Bond, Payment Bond, Certificates of Insurance, and Change Orders, if any, are by this reference made a part of this Contract to the same extent as if set forth herein in full.

ARTICLE III-TIME OF COMPLETION: The Contractor further covenants and agrees at his own proper cost and expense, to do all work as aforesaid for the construction of said improvements and to completely construct the same and install the material therein, as called for by this agreement free and clear of all claims, liens, and charges whatsoever, in the manner and under the conditions specified within the time, or times, stated in the proposal pamphlet.

ARTICLE IV-PAYMENTS: For and in consideration of the faithful performance of the work herein embraced as set forth in the Contract Documents, which are a part hereof and in accordance with the directions of the owner, through its Engineer and to his satisfaction, the Owner agrees to pay the said Contractor the amount earned, computed from actual quantities of work performed and accepted or materials furnished at the unit bid price on the Proposal made a part hereof, and to make such payment within forty (40) days after final inspection and acceptance of the work.

IN WITNESS WHEREOF: Four (4) identical counterparts of this contract each of which shall for all purposes be deemed an original thereof, have been duly executed by the parties hereinabove named, on the date and year first above written.

The Contractor agrees that this Contract, as awarded, is for the stated work, and understands that payment for the total work will be made on the basis of the indicated amount(s), as bid in the Proposal.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
PARTY OF SECOND PART

By: _____
Chairman, Board of Directors

Date: _____

RECOMMENDED BY:

ATTEST:

Chief Engineer and General Manager
Flood Control District
of Maricopa County

Clerk of the Board

Date: _____

STATUTORY PAYMENT BOND PURSUANT TO TITLE 34
CHAPTER 2, ARTICLE 2, OF THE ARIZONA REVISED STATUTES
(Penalty of this bond must be 100% of the Contract amount)

KNOW ALL MEN BY THESE PRESENTS:

That, _____
(hereinafter called the Principal), as Principal, and

_____ a corporation organized and existing under the laws of the State of _____
_____ with its principal office in the City of _____,
(hereinafter called the Surety), as Surety, are held and firmly bound unto the Flood
Control District of Maricopa County, State of Arizona (hereinafter called the Obligee)
in the amount of _____
dollars (_____), for the payment whereof, the said Principal and Surety
bind themselves, and their heirs, administrators, executors, successors and assigns,
jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the
Obligee, dated the _____ day of _____, 19____, for _____

_____ which contract is hereby referred to and made a part hereof as fully and to the same
extent as if copied at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said
Principal shall promptly pay all moneys due to all persons supplying labor or
materials to him or his subcontractors in the prosecution of the work provided
for in said contract, then this obligation shall be void, otherwise to remain in
full force and effect.

PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions of
Title 34, Chapter 2, Article 2, of the Arizona Revised Statutes, and all liabilities
on this bond shall be determined in accordance with the provisions, of said Title,
Chapter, and Article, to the extent as if it were copied at length herein.

The prevailing party or any party which recovers judgment on this bond shall
be entitled to such reasonable attorney's fees as may be fixed by the court or a
judge thereof.

Witness our hands this _____ day of _____, 19____.

PRINCIPAL SEAL

AGENCY OF RECORD

BY: _____

AGENCY ADDRESS

SURETY SEAL

BY: _____

POWER OF ATTORNEY SEAL

BY: _____

CONTRACT NO. FCD 84-18
PAYMENT BOND

STATUTORY PERFORMANCE BOND PURSUANT TO TITLE 34
CHAPTER 2, ARTICLE 2, OF THE ARIZONA REVISED STATUTES
(Penalty of this bond must be 100% of the Contract amount)

KNOW ALL MEN BY THESE PRESENTS:

That, _____
(hereinafter called the Principal), as Principal, and

_____ a corporation organized and existing under the laws of the State of _____
with its principal office in the City of _____

(hereinafter called the Surety), as Surety, are held and firmly bound unto the
Flood Control District of Maricopa County, in the County of Maricopa, State of
Arizona, in the amount of _____
dollars (\$ _____), for the payment whereof, the said Principal and
Surety bind themselves, and their heirs, administrators, executors, successors and
assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the
Flood Control District of Maricopa County, dated the _____ day of _____
_____, 19____, for _____

_____ which contract is hereby referred to and made a part hereof as fully and to the same
extent as if copied at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said
Principal shall faithfully perform and fulfill all the undertakings, covenants,
terms, conditions and agreements of said contract during the original term of
said contract and any extension thereof, with or without notice to the Surety,
and during the life of any guaranty required under the contract, and shall also
perform and fulfill all the undertakings, covenants, terms, conditions, and
agreements of any and all duly authorized modifications of said contract that
may hereafter be made, notice of which modifications to the Surety being hereby
waived; then the above obligation shall be void, otherwise to remain in full
force and effect;

PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions of
Title 34, Chapter 2, Article 2, of the Arizona Revised Statutes, and all
liabilities on this bond shall be determined in accordance with the provisions
of said Title, Chapter, and Article, to the extent as if it were copied at length
herein.

The prevailing party in a suit on this bond shall be entitled to such
reasonable attorney's fees as may be fixed by a judge of the court.

Witness our hands this _____ day of _____, 19____.

AGENCY OF RECORD

PRINCIPAL SEAL

By: _____

AGENCY ADDRESS

SURETY SEAL

CONTRACT NO. FCD 84-18
PERFORMANCE BOND

BY: _____

POWER OF ATTORNEY SEAL

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CERTIFICATE OF INSURANCE PEDESTRIAN BRIDGE RELOCATION

CONTRACT FCD 84-18 PROJECT TITLE OVER ARIZONA CANAL

NAME AND ADDRESS OF INSURANCE AGENCY	INSURANCE COMPANIES AFFORDING COVERAGES
	Company Letter A
	Company Letter B
	Company Letter C
	Company Letter D
	Company Letter E
	Company Letter F
NAME AND ADDRESS OF INSURED	Company Letter G

THIS IS TO CERTIFY THAT POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE AND ARE IN FORCE AT THIS TIME.

COMPANY LETTER	TYPE OF INSURANCE	POLICY NUMBER	EXPIRATION DATE	LIMITS OF LIABILITY IN \$1,000 MINIMUM each occurrence	
	<input checked="" type="checkbox"/> COMPREHENSIVE GENERAL LIABILITY FORM <input checked="" type="checkbox"/> PREMISES OPERATIONS <input checked="" type="checkbox"/> CONTRACTUAL <input checked="" type="checkbox"/> BROAD FORM PROPERTY DAMAGE <input checked="" type="checkbox"/> EXPLOSION & COLLAPSE <input checked="" type="checkbox"/> PRODUCTS/COMPLETED OPERATIONS HAZARD <input checked="" type="checkbox"/> UNDERGROUND HAZARD <input checked="" type="checkbox"/> INDEPENDENT CONTRACTORS <input checked="" type="checkbox"/> PERSONAL INJURY			BODILY INJURY per person \$500 each occurrence \$1,000 PROPERTY DAMAGE \$500 OR BODILY INJURY AND PROPERTY DAMAGE Combined \$1,000	
	<input checked="" type="checkbox"/> COMPREHENSIVE AUTO LIABILITY & NON-OWNED			SAME AS ABOVE	
	<input type="checkbox"/> EXCESS LIABILITY			NECESSARY IF UNDERLYING NOT ABOVE MINIMUM	
	<input checked="" type="checkbox"/> WORKERS' COMPENSATION and EMPLOYERS' LIABILITY			STATUTORY each accident	\$100
	<input type="checkbox"/> OTHER				

The Flood Control District of Maricopa County is added as an additional insured as respects work done for the District by the named insured as required by statute, contract, purchase order or otherwise requested. It is agreed that any insurance available to the named insured shall be primary of other sources that may be available. It is further agreed that no policy shall expire, be cancelled or materially changed to effect the coverage available to the District without fifteen days written notice to the District. THIS CERTIFICATE IS NOT VALID UNLESS COUNTERSIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE INSURANCE COMPANY.

NAME AND ADDRESS OF CERTIFICATE HOLDER
 FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
 3335 West Durango Street
 Phoenix, Arizona 85009

DATE ISSUED _____

 AUTHORIZED REPRESENTATIVE

It is further agreed that:

The Contractor hereby agrees to indemnify and save harmless the FLOOD CONTROL DISTRICT OF MARICOPA COUNTY, or any of its departments, agencies, officers or employees, from and against all loss, expense, damage or claim of any nature whatsoever which is caused by any activity, condition or event arising out of the performance or nonperformance of any of the provisions of this agreement. The Flood Control District of Maricopa County shall in all instances be indemnified against all liability, losses and damages of any nature for or on account of any injuries to or death of persons or damages to or destruction of property arising out of or in any way connected with the performance or nonperformance of this agreement, except such injury or damage as shall have been occasioned by the sole negligence of the Flood Control District of Maricopa County. The above cost of damages incurred by the Flood Control District of Maricopa County or any of its departments, agencies, officers or employees shall include in the event of an action, court costs, expenses for litigation and reasonable attorney's fees.

Date _____ Contractor _____