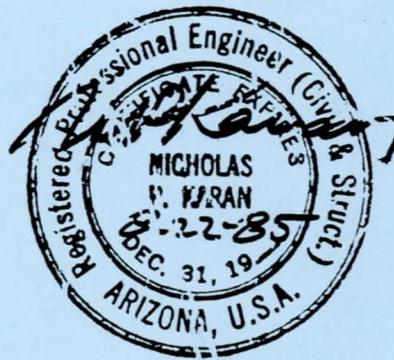


ENGINEERING DIVISION
LIBRARY

SPECIAL PROVISIONS
FOR

GUADALUPE AND POWER ROAD BRIDGES
AT RWCD FLOODWAY AND CANAL

CONTRACT NO. FCD 85-25



SUPPLEMENTARY TO MARICOPA ASSOCIATION OF GOVERNMENTS UNIFORM STANDARD
SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION EDITION OF 1978 AND REVISIONS
AND SUPPLEMENTS THERETO.

A121.512

CERTIFICATE OF INSURANCE

CONTRACT FCD 85-25

PROJECT TITLE

Guadalupe and Power Rd. Bridges
at RWCD Floodway and 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 D
	Company Letter E
	Company Letter F
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 \$1,000 each occurrence \$5,000 PROPERTY DAMAGE \$1,000 OR BODILY INJURY AND PROPERTY DAMAGE Combined \$5,000	
	<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

Addendum No. 1

DATE: September 6, 1985

FCD Contract No. 85-25

Page 1 of 1

TO CONTRACT DOCUMENTS

ENTITLED: Guadalupe and Power Road Bridges at RWCD Floodway and 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. CERTIFICATE OF INSURANCE: Page 1 of 2.

Some specifications have been released with an incorrect Certificate of Insurance. The Limits of Liability for this project are as indicated on the attached certificate of Insurance, Page 1 of 2.

Substitute this sheet for the sheet contained in your book of Special Provisions.

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

SPECIAL PROVISIONS
FOR
GUADALUPE AND POWER ROAD BRIDGES
AT RWCD FLOODWAY AND CANAL

CONTRACT NO. FCD 85-25



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 FCD 85-25

TABLE OF CONTENTS:

1. Invitation for Bids
2. Bid Form
3. No Collusion Affidavit
4. Construction Special Provisions
5. Contract
6. Statutory Payment Bond
7. Statutory Performance Bond
8. Certificate of Insurance
9. Drawings: Guadalupe and Power Road Bridges at
RWCD Floodway and Canal.
Sheets 1 through 45 of 45.

INVITATION FOR BIDS
(Construction Contract)

Ref. Invitation FCD 85-25
Date: August 19, 1985
Issued by: Flood Control District
of Maricopa County

Vicinity: The intersection of
Guadalupe Rd. and Power Rd.
Maricopa County, Arizona

SEALED BIDS, IN SINGLE COPY FOR THE WORK DESCRIBED HEREIN WILL BE RECEIVED UNTIL 2:00 PM, LOCAL TIME AT THE PLACE OF THE BID OPENING SEPTEMBER 10, 1985 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, CASHIER'S 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: The work consists of constructing three concrete bridges, approaches, a detour road and other miscellaneous items of work.

INVITATION FOR BIDS
NO. FCD 85-25

THE WORK SHALL COMMENCE WITHIN SEVEN (7) CALENDAR DAYS AND BE COMPLETED
WITHIN ONE HUNDRED EIGHTY (180) 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, EDITION OF
1979 (MAG) AND DRAWINGS LISTED UNDER THE CONTENTS WILL BE INCORPORATED IN
AND BECOME A PART OF THE RESULTANT CONTRACT.

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

INVITATION FOR BIDS
NO. FCD 85-25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
INVITATION FOR BIDS, FCD 85-25
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, specifications, 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. It is in the best interest of the bidders to attend the pre-bid conference. Bidders should visit the site and take such other steps as may be reasonably necessary to ascertain the nature and the location 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.

INVITATION FOR BIDS
NO. FCD 85-25

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 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 or paragraph number; however, in case of conflict, these instructions and Special Provisions supersede the Uniform Standard Specifications (MAG).

INVITATION FOR BIDS
NO. FCD 85-25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
INVITATION FOR BIDS, FCD 85-25
SPECIAL INSTRUCTIONS TO BIDDER

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 \$28.00 by check payable to the FLOOD CONTROL DISTRICT OF MARICOPA COUNTY. This payment will not be refunded.

APPROXIMATE QUANTITIES FOR PRINCIPAL ITEMS

<u>QUANTITY</u>	<u>UNIT</u>	<u>DESCRIPTION</u>
2,133	L.F.	24" Drilled Shafts
1,620	L.F.	30" Drilled Shafts
1,926	C.Y.	Class AA Concrete
1,410	C.Y.	Class A Concrete
779,946	Lbs.	Reinforcing Steel
628	L.F.	Precast Concrete Beams
1,015.5	L.F.	24" RGRCP, Class III
503	L.F.	36" RGRCP, Class II
2,084	Ton	Asphalt Concrete, C 3/4"

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.

Location of Work: The proposed work is located at the intersection of Guadalupe Road and Power Road, Maricopa County, Arizona.

INVITATION FOR BIDS
CONTRACT NO. FCD 85-25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
(Construction Contract)

BID FORM

Project: Guadalupe and Power Rd. Bridges
at RWCD Floodway and Canal

Invitation: FCD 85-25
Date: August 19, 1985

Location: The intersection of Guadalupe Rd.
and Power Rd.
Maricopa County, Arizona

To: Chief Engineer and General Manager
Flood Control District of Maricopa County
3335 West Durango Street
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 pled. 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: Guadalupe Road and Power Road Bridges
at Roosevelt Water Conservation District Floodway and Canal

Contract: FCD 85-25

Item No.	Approximate Quantity	Unit	Description	Unit Cost (in writing) and /100 dollars	Unit Cost	Extended Amount
201	2.3	Ac.	Clearing & Grubbing			
205	10,481	CY	Roadway Excavation			
210	438	CY	Borrow Excavation			
215	8,897	CY	Channel Excavation			
301	1.10	Mi.	Subgrade Prepration			
310-1	2,064	T	Select Material, Type A			
310-2	4,308	T	Aggregate Base			
315	7.4	T	Prime Coat			
321-1	2,084	T	A.C. (C 3/4")			
321-2	286	T	A.C. (C 3/8")			
334	255	Gal.	Preservative Seal			
340-1	102	S.F.	Concrete Sidewalk, 4"			
340-2	365	L.F.	Concrete Irrigation Ditch			
350-1	2	L.S.	Remove Existing Power Road Bridges			

BIDDING SCHEDULE

Project: Guadalupe Road and Power Road Bridges
at Roosevelt Water Conservation District Floodway and Canal

Contract: FCD 85-25

Item No.	Approximate Quantity	Unit	Description	Unit Cost (in writing) and /100 dollars	Unit Cost	Extended Amount
350-2	133	L.F.	Relocate Existing Fence			
350-3	102	L.F.	Remove Existing Sidewalk			
350-4	1,041	L.F.	Remove Concrete Irrigation Ditch			
350-5	3	Ea.	Remove & Reset Mailbox			
405	1	Ea.	Survey Marker, Type E			
410	500	L.F.	Precast Median Barrier, Type 2, Temporary			
415	50	L.F.	Bridge Guard Rail			
420	289	L.F.	Chain Link Fence			
501-1	440	L.F.	Steel Piles Furnished			
501-2	440	L.F.	Steel Piles Driving			
502-1	2,133	L.F.	24" Ø Drilled Shafts			
502-2	1,620	L.F.	30" Ø Drilled Shafts			

BIDDING SCHEDULE

Project: Guadalupe Road and Power Road Bridges
at Roosevelt Water Conservation District Floodway and Canal

Contract: FCD 85-25

Item No.	Approximate Quantity	Unit	Description	Unit Cost (in writing) and /100 dollars	Unit Cost	Extended Amount
505-1	1,926	C.Y.	Class AA Concrete (f'c=4000 psi)			
505-2	1,410	C.Y.	Class A Concrete (f'c=3000 psi)			
505-3	779,946	Lbs.	Reinforcing Steel			
506	628	L.F.	Precast Concrete Beams			
515	1 each	L.S.	Steel Deck Units Placement			
621-1	40	L.F.	12" CMP, 16 Ga.			
621-2	30	L.F.	18" CMP, 16 Ga.			
621-3	80	L.F.	24" CMP, Temporary			
621-4	84	L.F.	60" CMP, Temporary			
622-1	73	L.F.	18" RGRCP, Class III			
622-2	1	Ea.	18" RCP End Section			
622-3	1,015.5	L.F.	24" RGRCP, Class III			
622-4	503	L.F.	36" RGRCP, Class II			

BIDDING SCHEDULE

Project: Guadalupe Road and Power Road Bridges
at Roosevelt Water Conservation District Floodway and Canal

Contract: FCD 85-25

Item No.	Approximate Quantity	Unit	Description	Unit Cost (in writing) and /100 dollars	Unit Cost	Extended Amount
630-1	30	L.F.	Remove 15" CP			
630-2	245	L.F.	Remove 24" CP			
630-3	182	L.F.	Remove 18" CP			
630-4	1	Ea.	Remove Standpipe			
630-5	1	Ea.	Remove Irrigation Structure			
630-6	1	Ea.	Salvage Slide Gate			
630-7	1	Ea.	Salvage Slide Gate & 8" Discharge Pipe			
630-8	2	Ea.	48" Irrigation Standpipe			
630-9	1	Ea.	Irrigation Turnout Structure			
630-10	1	Ea.	Slide Gate (Salvaged)			
630-11	1	Ea.	Slide Gate & 8" Disc. Pipe (Salvaged)			
630-12	25	L.F.	Concrete Ditch Transition			

BIDDING SCHEDULE

Project: Guadalupe Road and Power Road Bridges
at Roosevelt Water conservation District Floodway and Canal

Contract: FCD 85-25

Item No.	Approximate Quantity	Unit	Description	Unit Cost (in writing) and /100 dollars	Unit Cost	Extended Amount
630-13	80	L.F.	Remove 2-48" RCP			
630-14	1	Ea.	Concrete Endwall			

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 Corporation was chartered and names, title, and business address of the President, Secretary, and Treasurer must be shown.

GUADALUPE ROAD AND POWER ROAD BRIDGES
AT RWCD FLOODWAY AND CANAL

CONSTRUCTION SPECIAL PROVISIONS
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FOR
CONTRACT FCD 85-25

PROPOSED WORK: The work consists of constructing three concrete bridges, approaches and other miscellaneous items of work required for the completion of the project.

LOCATION OF WORK: This project is located on Power Road at the RWCD Floodway and Canal, 500 feet south of Guadalupe Road, and on Guadalupe Road at the RWCD Floodway, 150 feet west of Power Road.

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 current revisions thereto, together with Maricopa County Highway Department Supplement to the Uniform Standard Specifications, adopted August 3, 1981 and October 19, 1981, and the Construction Special Provisions contained herein.

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 CFR Part 5).

CONTRACT TIME: The Contractor shall start work within seven (7) calendar days and complete all work on the project within one hundred eighty (180) 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.

RWCD CANAL DRY-UP SEASON: The Contractor shall coordinate the removal of the existing Power Road Bridge over the RWCD Canal with the Roosevelt Water Conservation District so that work as shown on plans is completed during the dry-up season. According to the RWCD, the dry-up season is from October 14, 1985 to October 24, 1985.

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

CONSTRUCTION SPECIAL PROVISIONS
CONTRACT NO. FCD 85-25

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

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 or other items.

MATERIAL: Select material, aggregate base and mineral aggregate shall be obtained from commercial sources. The Contractor shall pay all royalties or any other charges or expenses incurred in connection with the securing and hauling of the material. The Contractor will be required to furnish the Engineer with a list of his proposed commercial sources prior to use and shall present satisfactory evidence that the material produced from any commercial source will meet the specifications as noted and these Special Provisions for such material.

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.

SECTION 102 - ADDENDA & SUBMISSION OF BIDDING SCHEDULE: It shall be the responsibility of prospective bidders to determine, prior to submission of a bid, if any addenda have been issued. This may be accomplished by calling 602-262-1501. Any addenda issued, if not already bound into the Special Provisions, shall be included as a part of the Special Provisions, and any quantities on the Bidding Schedule requiring change shall be adjusted by pen and ink to the new figure.

Bids that do not include appropriate addenda and show appropriate changes to the Bidding Schedule shall be invalid and rejected.

SUBSECTION 102.5 - PREPARATION OF PROPOSAL: The bidder's Arizona State Contractor's License number and classifications need not be shown on the proposal. The possession of such a license is no longer a bidding requirement; however, the Contractor may be required to provide certification of prior satisfactory completion for similar construction.

SUBSECTION 103.6 - CONTRACTOR'S INSURANCE: Concurrently with the execution of the contract, the Contractor shall furnish a Certificate of Insurance. The types of insurance and the limits of liability shall be as indicated thereon, i.e.:

\$1,000,000	bodily injury per person
\$5,000,000	bodily injury each occurrence
\$1,000,000	property damage

SUBSECTION 104.2.4 - ALTERNATIVE DECK DESIGN: Any request for change in the design of any bridge member, i.e., use of precast slab with composite concrete slab on the canal bridge, requested by the Contractor must be accomplished by structural calculations indicating that the requested change conforms to the design standards as indicated by the plans. All such design calculations shall be stamped by an Arizona Professional Engineer (Structural).

SUBSECTION 105.2 - PLANS AND SHOP DRAWINGS: The number of copies of plans/shop drawings required for review and/or approval shall be as follows:

Initial submittal: Three (3) copies. One (1) copy will be returned to the Contractor.

Final submittal: Five (5) copies. Two (2) copies will be returned to the Contractor.

SUBSECTION 105.6 - COOPERATION WITH UTILITIES: An attempt has been made to determine the location of all underground utilities, drainage pipes, culverts and structures; however, it shall be the Contractor's sole responsibility to cooperate with pertinent utility companies so that any obstructing utility installation may be adjusted. Should the Contractor's operations result in damage to any utility, he shall assume full financial responsibility for such damage.

The contractor shall be responsible for de-energizing and re-energizing or raising any power lines required to safely complete this project. All costs for this activity are to be paid by the contractor. The contractor shall also be responsible for scheduling all utility pole relocations. Costs incurred for pole relocation shall be paid by Maricopa County Flood Control District.

The following phone numbers should put the Contractor in contact with the proper personnel.

Maricopa County Flood Control District	262-1501
Mountain Bell Telephone Company	263-3219
Salt River Project	236-2765
Arizona Public Service	271-7014

CONSTRUCTION SPECIAL PROVISIONS
CONTRACT NO. FCD 85-25

Location Staking (APS, Mtn. Bell, SRP) Blue Stake... 263-1100
 Roosevelt Water Conservation District 963-3414
 City of Mesa 834-2516
 Town of Gilbert 892-0956
 Maricopa County Highway Department 233-8647
 Southwest Gas Company 866-4297

See Exhibit A that is attached to these Special Provisions.

SUBSECTION 105.8 CONSTRUCTION STAKES, LINES AND GRADES: The project control line and bench mark elevation are shown on the drawings and will be established by the Engineer. The Contractor shall establish offset stakes and temporary bench marks for referencing the designated construction lines and grades. The Contractor shall provide all rough grade, fine grade, and structural reference lines and shall be responsible for their conformity with the plans and specifications.

Survey work shall be performed by a qualified and experienced surveyor under the supervision of a licensed land surveyor.

No separate payment will be made for construction surveying and the cost thereof shall be included in the price bid for related items of work.

SUBSECTION 107.2 - PERMITS: The Contractor shall be solely responsible for obtaining all permits and licenses, pay all charges, fees, taxes and give all notices necessary and incidental to the due and lawful prosecution of the work. Permits for earth moving may be obtained from the Bureau of Air Pollution Control, Maricopa County Department of Health Services, 1825 East Roosevelt, Phoenix, Arizona, telephone number 602-258-6381.

SUBSECTION 108.5 - LIMITATION OF OPERATIONS: Should the Contractor elect to perform and work after regular working hours, on weekends, or legal holidays, any charges incurred by the District directly or through agents, for inspection of the work, surveys, or tests of materials will be deducted from monies due or to become due to the Contractor.

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

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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 insured 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.

SUBSECTION 108.9 - FAILURE TO COMPLETE ON TIME: The actual cost per calendar day incurred by the District for Consultant, Administrative and Inspection Services on this project will be added to the daily charges as indicated by TABLE 108, LIQUIDATED DAMAGES, and will be deducted from monies due or to become due to the Contractor for each and every calendar day that work shall remain uncompleted after the time specified for the completion of the work in the proposal, or as adjusted by the Engineer. Nothing contained in this provision shall prohibit the District from deducting from monies due or to become due to the Contractor any costs incurred by the District for all delay and other costs directly attributable to the completion of this contract. Should the monies due or to become due to the Contractor be insufficient, the District will initiate action in a court of law to recover the full amount of these costs.

SECTION 205 - ROADWAY EXCAVATION: The work under this section consists of the excavation for the roadway in accordance with the plans and Section 205 of the Uniform Standard Specifications. The excavated material shall be used for roadway fill as shown on the plans. Volumes will be computed by the average end area method.

Payment for all work under this section will be made at unit price bid per cubic yard for roadway excavation.

SECTION 206 - STRUCTURE EXCAVATION AND BACKFILL: Structure excavation consists of the removal of material for the construction of the bridge abutments, wing walls and substructure units in accordance with the plans.

Structural excavation and backfill shall conform to Section 206 of the Uniform Standard Specifications. The limits of structural backfill placement shall be in accordance with ADOT Standard Drawing No. C-13-40 and as shown on plans. All structural backfill against the bridge abutments, wing walls and under the approach slabs shall consist of free-draining granular material. This material shall consist of sand and gravel and have no more than 12 percent passing the no. 200 sieve. This material should be nonplastic when tested in accordance with ASTM D422 and D423. Backfill shall be placed in horizontal lifts consistent with the maximum material size and type of compaction equipment in use and to a minimum of 95% of the maximum density at the optimum moisture content plus or minus 3% as determined in accordance with ASTM D1557. Large compaction equipment should be maintained at least two (2) feet away from the structure.

Aggregate Base under approach slabs shall conform to the requirements of Section 702 of the Uniform Standard Specifications.

No separate payment will be made for structure excavation and backfill or aggregate base used as backfill, as such, and the cost thereof shall be included in the price bid for the items to which they are appurtenant.

SECTION 210 - BORROW EXCAVATION: The work under this section consists of borrow excavation for the proposed roadway in accordance with the plans and Section 210 of the Uniform Standard Specifications. The excavated material shall be used for roadway fill as shown on the plans. Volumes will be computed by the average end area method.

Payment for all work under this section will be made at the unit price bid per cubic yard for borrow excavation.

SECTION 211 - FILL CONSTRUCTION: The work under this section consists of fill construction or embankment for the proposed roadway in accordance with the plans and Section 211 of the Uniform Standard Specifications.

Payment for all work under this section is included under Section 205-ROADWAY EXCAVATION, Section 210-BORROW EXCAVATION and Section 215-CHANNEL EXCAVATION.

SECTION 215 - CHANNEL EXCAVATION: The work under this section consists of the excavation for the proposed floodway channel in accordance with the plans and Section 215 of the Uniform Standard Specifications.

The excavated material shall be used for roadway fill as shown on the plans.

Volumes will be computed by the average end area method.

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Payment for all work under this section will be made at the unit price bid per cubic yard for CHANNEL EXCAVATION.

SECTION 310 - UNTREATED BASE: Select Material and Aggregate Base shall conform to the requirements of Section 702 of the Uniform Standard Specifications. Select Material and Aggregate Base shall be cured in accordance with Section 702.2. Select Material shall be Type "A".

The Contractor will be required to furnish the Engineer certified weight tickets covering all of the Select Material and Aggregate Base placed on the project. Final pay quantities will be based upon the scale tickets accepted by the Engineer.

SECTION 315 - BITUMINOUS PRIME COAT: The bituminous materials shall be Grade MC-70 or MC-250 liquid asphalt as determined by the Engineer. Prime coat shall be applied to the total width of the Aggregate Base Material at the rate of 0.12 gallon per square yard unless otherwise specified by the Engineer.

SECTION 321 - ASPHALT CONCRETE: The bituminous material to be used shall be AR-4000 Paving Asphalt and shall comply with Sections 710 and 711 of the Uniform Standard Specifications or AC-30 and shall comply with ADOT Table 705-1 as modified on October 16, 1981.

The mineral aggregate shall meet the grading requirements within the range of the specified tolerances for Mix-Designation C-3/4 in accordance with Section 710 of the Uniform Standard Specifications and Maricopa County Highway Department Supplement to the Uniform Standard Specifications.

The work shall fully comply with Section 321 except that no mineral filler or blending sand will be required.

In addition to pugmill type mixing plants, drum dryer mixers will be allowed in accordance with Standard Specifications 710.8. The moisture content of the bituminous mixture immediately behind the paver shall not exceed three percent. If a drum dryer is used, the type of oil shall be AR-8000 or AC-30 as specified above.

The proper proportioning of the material at the cold feed shall be determined by the Contractor and approved by the Engineer prior to the production of asphalt concrete. Production shall not commence until calibration tests indicate that an acceptable product can be obtained.

The correct proportions of each aggregate size introduced into the mixer shall be drawn from the storage bins by an approved type of continuous feeder which shall supply the correct amount of aggregate in proportion of each aggregate size can be separately adjusted. The continuous feeder for the aggregate may be mechanically or electrically activated.

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The plant shall be equipped with a sampling device to take representative composite samples of the cold feed. If tests indicate noncompliance with specifications, operation shall cease until proper corrections have been made.

The production of the plant shall be governed by the rate required to obtain a thorough and uniform mixture of the materials. Mixing shall continue until the uniformity of coating, when tested in accordance with the requirements of AASHTO T195, is at least 95 percent.

SUBSECTION 340.2 - CONCRETE IRRIGATION DITCH: The work under this item shall consist of constructing a new irrigation ditch along Guadalupe Road. Work shall be in accordance with Section 340 of the Standard Specifications and as shown on the plans. Payment shall be at the contract unit price per lineal foot of irrigation ditch.

SECTION 350 - REMOVAL OF EXISTING IMPROVEMENTS: The work under this section consists of removal and disposal of the existing Power Road Canal and Floodway bridges; relocation of the existing fence; removal of the existing sidewalk and concrete irrigation ditch; and any obstacle to construction, whether shown on the plans or not, unless specifically called out on the plans to be removed or relocated by other agencies.

If a Maricopa County landfill is selected for disposition of road construction waste and/or debris, a Maricopa County Landfill Use Permit will be required. Application for permit can be made at the Maricopa County Landfill Office. Charges will be levied on a volume basis for each load delivered to the landfill in accordance with the current fee schedule (see attachment). The nearest county landfill to this project is Queen Creek located at Hawes Road, 0.5 miles south of Chandler Heights Road.

Removal of the RWCD Canal Bridge shall be coordinated with the Roosevelt Water Conservation District so that work as shown on plans is completed during the dry-up season. The work for removal of the two existing concrete bridges shall be paid for at contract lump sum amount.

The existing barbed wire fence is to be removed and re-erected under this section. This work includes removing the existing barbed wire fence right station 218 on Power Road prior to construction of the detour. The fence shall be stockpiled and re-erected along the right-of-way line after the detour is removed. This work shall be paid for at the contract unit price per lineal foot to relocate existing fence.

SECTION 401 - TRAFFIC CONTROL: Traffic control shall conform to the applicable paragraphs of Section 401 of the MAG Uniform Standard Specifications with revisions, the County Supplement thereto, and these Special Provisions.

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The number and kind of barricades, signs, delineators, barriers and all other traffic control devices shall be subject to approval; however, approval of traffic control devices and the approval of the Contractor's method of application of all traffic control measures, shall not relieve the Contractor of the responsibility of protecting the work, the workmen and the traveling public.

The closure of Power Road is not authorized. Two lanes shall be open for traffic at all times and continuous access to adjacent residences and the RWCD Canal maintenance road shall be provided. The Contractor shall provide all necessary traffic control devices and measures for this construction to include the striping and the striping removal on the detour road. Paint striping is not authorized on the permanent pavement which will remain after construction. The County shall stripe the finished roads and bridges. The speed limit for the detour road shall be determined by ball banking the curves. All warning signs shall be standard 48 inches in size and mounted or wired down. A 150-foot line of vertical panels with lights and spaced at 30-foot intervals shall be placed on channels 2 feet of the edge of pavement leading to each initial approach to the detour road curve and to each approach to the detour bridge. Traffic shall not be placed on the detour road until all the detour road construction is completed and all traffic measures are installed.

The Contractor shall provide a detailed traffic control plan for approval at the pre-job conference. The plan shall show all measures to include types of signs and barricades and their placement. The Contractor shall designate an employee qualified in construction traffic control to be responsible for implementing, maintaining, inspecting and altering, as necessary, all traffic control measures for construction. A night time telephone number shall be provided. For planning purposes, some of the required measures needed are: road closed and detour signing (see figure 602 of the Manual on Uniform Traffic Control Devices); reduced speed signing; wide load restrictions; and all striping to include edge lines and the necessary existing striping removal.

The Contractor shall install and maintain deceleration sand berms (approximately five feet high and twenty-eight feet wide) on Guadalupe Road and Power Road in the path of through traffic prior to bridge excavation or construction. Sand berms shall remain until road is open to traffic or construction presents less of a hazard than the berms.

All necessary signs and barricades shall remain three working days beyond the acceptance of the project by the District.

Guadalupe Road is to be closed during construction of the new bridge over the RWCD Floodway, and no detour is needed.

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Cost for providing and maintaining traffic control shall be incidental to the contract and no additional payment will be allowed. Such costs shall include all traffic control devices and traffic control measures, such as warning and control signs, barricades, lighting devices, paint striping, delineators, flagmen and other appurtenant items related to traffic control and safety. Included in the cost shall be the maintenance of the detour pavement surface for the full length of the project, including prompt repair of all bumps and holes, and pavement striping of the detour.

SECTION 410 - PRECAST MEDIAN BARRIER, TYPE 2, TEMPORARY: This work shall consist of furnishing and erecting precast median barriers along the detour road shoulder as shown on the plans. Units shall conform to Detail C-10.14 of the ADOT Standard Details. Erection should be in accordance with Section 910 of the ADOT Standard Specifications. The barriers shall be removed and disposed of by the Contractor upon closure of the detour road. The contract unit price shall include all work necessary to furnish, erect, maintain and remove the barriers.

SECTION 415 - BRIDGE GUARD RAIL: The work under this section consists of constructing steel beam guard rail on the Detour Bridge in accordance with the plans and Section 415 of the Uniform Standard Specifications, and MAG detail sheets 135-1 through 135-2.

SECTION 420 - CHAIN LINK FENCE: The work under this section consists of constructing chain link fence on the bridge decks in accordance with the plans and Section 420 of the Uniform Standard Specifications.

SECTION 501 - STEEL PILES: The work under this section consists of constructing the steel piles for the detour road bridge in accordance with the plans and the applicable provisions of Section 501 of the Uniform Standard Specifications.

Payment for all other work under this section will be made at the unit price bid per linear foot for ITEM NO. 501-1 STEEL PILES FURNISHED, ITEM NO. 501-2 STEEL PILES DRIVING.

SECTION 502 - DRILLED SHAFT FOUNDATIONS:

Description: This item shall govern for the construction of foundations consisting of "reinforced concrete drilled shafts". Concrete shafts shall be placed in a drilled excavation. Foundations shall be constructed in accordance with this item and in conformance with the details and dimensions shown on the plans.

Materials: All concrete and materials shall be in accordance with the requirements of Section 505 of the Standard Specifications and the requirements herein. Concrete shall be $f'c=3000$ psi unless otherwise shown on the plans. The maximum size coarse

CONSTRUCTION SPECIAL PROVISIONS
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aggregate shall be 1-1/2 inches for cased shafts. A retarder or water reducing agent will be required in all concrete when casing is used. Reinforcing steel shall conform to the requirements of Section 727 of the Standard Specifications. The sizes and dimensions shall be as shown on the plans.

Construction Methods:

Excavation: The Contractor shall perform the excavation required for the shafts, through whatever materials encountered, to the dimensions and elevations shown on the plans or required by the site conditions.

Shaft alignment shall be within a tolerance of one inch per ten feet of depth. The axis of the shaft at the top elevation shall be within three inches of its plan location.

The plans indicate the expected depths and elevations where satisfactory bearing material will be encountered. This information will be used as a basis for the contract. If satisfactory material is not encountered at plan elevation, the footing may be raised or lowered as determined by the Engineer. Alteration of plan depth shall be made to satisfactorily comply with the design requirements. Casing will be required when necessary to prevent caving of the material or when necessary to exclude seepage water. Casing shall be metal of ample strength to withstand handling stresses, the pressure of concrete and of the surrounding earth or backfill materials, and shall be water-tight. The outside diameter of casing shall not be less than the specified size of shaft; otherwise, the size of casing and the size of drilled excavation in which it is to be placed will be left to the discretion of the Contractor, except as noted below. No extra compensation will be allowed for concrete required to fill an oversize casing or oversize excavation.

Where caving conditions and/or excess groundwater is encountered, no further drilling will be allowed until a construction method is employed which will prevent excessive caving that will make the excavation appreciably larger than the size of casing to be used. Drilling with a vibrating casing or other method which will control the size of excavation will be required.

Casing, if used in the drilling operation, shall be removed from the hole as concrete is placed herein.

Drilling slurry or chemical stabilizer shall not be used except when permitted by the Engineer. Surface water shall not be permitted to enter the hole, and all water which may have infiltrated into the hole shall be removed before placing concrete therein.

If the excavation of the top of shaft is below ground level at the time of concrete placement, a casing from ground elevation to a point below the top of the shaft will be required to control caving of any material into the freshly placed concrete.

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Where casing is not required, any excavation for the shafts beyond the lines required by the plans shall be filled with Class "A" concrete at the Contractor's expense. Where casings are used, the Contractor will be permitted to backfill around the upper portions of the casing with pea gravel or other granular material, but space shall be provided to allow for escape of muck or water displaced by the concrete.

When casing is used, it shall be smooth and well oiled and shall extend approximately to the top of the shaft.

Under normal operations, the removal of the casing shall not be started, until all concrete placement is completed in the shaft. Movement of the casing for short pulls of a few inches, rotating, exerting downward pressure and tapping it to facilitate extraction will be permitted. When unusual conditions warrant, the casing may be pulled in partial states. A sufficient head of concrete shall be maintained above the bottom of the casing to overcome hydrostatic pressure. Casing extraction shall be at a slow, uniform rate with the pull in line with the center of the shaft.

The elevation of the top of the steel cage shall be carefully checked before and after casing extraction. Generally, any upward movement of the steel not exceeding 2 inches, or any downward movement thereof not exceeding 6 inches per 20 feet of shaft length will be acceptable. Any upward movement of the concrete or displacement of the steel beyond the above limits will be cause for rejection.

Material excavated from shafts and not used in the backfill around the completed bents or piers shall be disposed of as directed by the Engineer.

The inspection contractor shall provide suitable access and lighting for proper inspection of the completed excavation to check the dimensions and alignments of shafts.

Any required lighting shall be electric. Any mechanical equipment used within the excavation shall be operated by air or electricity. The use of gasoline driven engines within the excavation for pumping or drilling will not be permitted.

The use of water for drilling operations or for any other purpose where it may enter the hole will not be permitted. Surface water shall not be permitted to enter the hole, and all water that may have infiltrated the hole shall be removed from the hole before concrete is placed therein. The bottom of the casing shall be maintained not less than one (1) foot below the top of the concrete during the withdrawal and placing operations, unless otherwise permitted by the Engineer.

Straight drilled pier excavations should be advanced with a single flight auger or bucket auger bits to the design depth.

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It should be verified by inspection and measurement that excavations are open to that depth. The auger should be placed back in the holes and two additional passes made to clean loose material present in the bottom of the holes.

All loose material should be cleaned from the base of drilled-and-belled piers so that undisturbed native soil is exposed throughout. Manual cleaning of belled piers will be necessary for adequate removal of loose disturbed material.

Reinforcing Steel: The reinforcing steel cage for the drilled shaft, consisting of longitudinal bars and spiral hooping shall be completely assembled and placed into the shaft as a unit. The reinforcing steel unit shall not be placed until immediately before concreting operations are to be started and shall be placed in accordance with the details shown on the project plans.

The cage shall be supported from the top to prevent slumping downward during concrete placement and/or extraction of the casing and for four (4) hours after completion of concrete placement. The support shall be concentric with the cage to prevent racking and distortion of the steel. A minimum of one-half of the vertical bars shall be supported.

In uncased shafts, concrete spacer blocks or steel chairs shall be used at sufficient intervals to insure concentric spacing for the entire length of the cage. In cased shafts, concrete spacer blocks shall not be used. Metal "chair" type spacers or bent pieces of steel bars shall be placed at sufficient intervals around the steel cage to insure concentric spacing inside the casing.

If the shaft is lengthened and the project plans indicate full depth reinforcement, the bars in the lower portion of the shaft shall be extended accordingly, as directed by the Engineer, to the bottom of the hole. These bars may be lap spliced or spliced by butt welding or other connecting procedures approved by the Engineer. The spiral reinforcement, if shown full depth on the project plans, shall be required full depth on the extensions.

Concrete: The work shall be performed in accordance with the provisions of the Standard Specifications and the requirements herein.

Concrete shall be placed as soon as possible after all excavation is complete and reinforcing steel is placed. All concrete shall be vibrated to insure that the concrete in the holes is dense and homogeneous.

Concrete placing shall be continuous in the shaft to the construction joint indicated on the plans.

Concrete shall be placed through a suitable tube or tremie to prevent segregation of materials. The tube or tremie shall be made in sections to provide proper discharge and permit raising it as the placement progresses. A non-jointed pipe may be used if sufficient openings of the proper size are provided to allow for the flow of concrete into the shaft.

The elapsed time from the beginning of concrete placement in the cased portion of the shaft, until extraction of the casing is begun, shall not exceed one hour.

Where an abutment cap or tie beam is required to be placed monolithically with the shaft, a time interval will be allowed for placing the required form and reinforcing after casing removal.

The top surface shall be cured and any construction joint area shall be treated as prescribed in the Standard Specification, Section 505.

The exposed portion of the drilled shaft shall be as shown on the drawing and shall have a Class II formed surface.

Measurement: Acceptable drilled shafts of the specified diameter complete in place, will be measured by the linear foot. Shafts will be measured from elevations or dimension indicated on the plans, unless the Engineer directs otherwise to meet unusual conditions.

Payment: Drilled shafts will be paid for at the unit price bid per linear foot of drilled shaft of the specified diameter for ITEM NO. 502-1 24" DIAMETER DRILLED SHAFT FOUNDATIONS and ITEM NO. 502-2 30" DIAMETER DRILLED SHAFT FOUNDATIONS. $f'c=3000$ psi concrete and reinforcing steel will be included in and paid for as items under Section 505 - CONCRETE STRUCTURES.

SECTION 505 - CONCRETE STRUCTURES: The work under this section consists of constructing, in place, the concrete portions of the bridges and approach slabs in accordance with the plans and Section 505 of the Uniform Standard Specifications. Other methods, as described in 505.8 will be allowed in place of water curing.

The use of fly ash will be permitted in all concrete mixes, in accordance with subsection 725.2.1. Payment of all work under this section will be made at the unit price bid per cubic yard for ITEM NO. 505-1 CLASS AA $f'c=4000$ psi CONCRETE, ITEM NO. 505-2 CLASS A $f'c=3000$ psi CONCRETE, and at the unit price bid per pound for ITEM NO. 505 -3 REINFORCING STEEL.

SECTION 506 - PRECAST PRESTRESSED CONCRETE MEMBERS: The work under this section consists of furnishing and placing prestressed concrete beams for the canal bridge in accordance with the plans and Section 506 of the Uniform Standards Specifications.

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Payment for all work under this section will be made at the unit price bid for ITEM NO. 506 - PRECAST CONCRETE BEAM, which price shall be full compensation for the item complete in place, including concrete and reinforcing steel.

SECTION 515 - STEEL STRUCTURES: The work under this section consists of placing the steel deck units for the Detour Bridge in accordance with the plans and the applicable provisions of Section 515 of the Uniform Standard Specifications.

The connections shall conform to Section 770 of the Uniform Standard Specifications.

The deck units are stored at the Maricopa County Avondale Yard, located on Van Buren Avenue, east of Dysart Road.

The Contractor will select ten of the units, rehabilitate and transport them to the project site, erect them and, after the detour road is removed, return them to the Avondale Yard.

Furnishing, placement, removal and salvage of the steel pile bents shall be by the Contractor. The bents shall become property of the Contractor.

Payment for all work under this section will be made at the unit price bid for ITEM NO. 515 - DECK UNITS, which price will be full compensation for the work entailed.

SECTION 525 - CANAL LINING AND IRRIGATION DITCH LINING: The work under this section consists of replacing the canal lining in accordance with the plans and Section 525 of the Uniform Standard Specifications.

Also included are those areas affected by the Detour Bridge pile bents.

Canal lining shall be 3 inches thick, pneumatically placed mortar, reinforced with wire mesh (W1.4xW1.4-6"x6").

SECTION 621 - CORRUGATED METAL PIPE, TEMPORARY: The work under this item shall consist of transporting, placing and salvaging corrugated metal pipe of the size and at the locations as called for on the plans. The necessary quantity of pipe, collars and bends are available at the Avondale Yard of the Maricopa County Highway Department, where they must be picked up by the Contractor for transporting to the job site.

At the completion of the project, all corrugated metal pipe shall be removed for salvage and, if deemed reusable by the Engineer, returned to the Avondale Yard. Any pipe deemed not reusable shall be disposed of by the Contractor.

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Payment for all work under this section will be made at the unit price bid for CORRUGATED METAL PIPE, TEMPORARY at the specified size, which price will be full compensation for the work entailed.

SECTION 622 - REINFORCED CONCRETE PIPE: The work under this item shall consist of furnishing and placing Rubber Gasket Reinforced Concrete Pipe of the size and at the locations as called for on the plans and conforming to the requirements of Section 735 of the Uniform Standard Specifications. Cost shall include headwall removal and all work necessary to connect the pipe to the existing RCP.

CONTRACT TIME: The Contractor shall complete all canal removals and canal work during the period of low flow in the canal and shall complete all work on the project within one hundred eighty (180) days after the date of Notice to Proceed.

SUGGESTED PROCEDURE FOR CONSTRUCTION OF
POWER ROAD AND GUADALUPE BRIDGES

Due to scheduling problems in adjusting to the dry-up dates for the RWCD Irrigation Canal (October 14-24, 1985), the sequence of doing Items 1 - 4 should be strictly followed.

1. Notify the Salt River Project for temporary relocation of the power line and pole bracing west of Power Road. Cost shall be absorbed by the Flood Control District.
2. Coordinate the dry-up time with the Roosevelt Water Conservation District.
3. Build detour road and other miscellaneous items included in the detour road. This should be completed by October 13, 1985.
4. Remove existing canal bridge and replace canal lining during the dry-up time. Follow this by constructing the new canal bridge at the same location.
5. Make arrangements with the Salt River Project for removal of any utility obstructions at Guadalupe Road. Cost for this request shall be absorbed by the contractor.
6. Notify Maricopa County Highway Department for the need to close Guadalupe Road to traffic.
7. Construct the floodway bridge at Power Road.
8. Construct the floodway bridge at Guadalupe Road.
9. Perform miscellaneous relocations.
10. Notify the Salt River Project to reestablish the power line on the west side of Power Road.
11. Install concrete barriers on each side of canal bridge at Guadalupe Road.
12. Pave roadway and approaches at Power Road and Guadalupe Road and restore area to original condition.

MARICOPA COUNTY LANDFILL FEE SCHEDULE AND PROVISIONS
EFFECTIVE - October 12, 1983

Maricopa County authorizes the Landfill Department to establish fees and maintain records for billing and proper disposal of liquids and solid non-hazardous wastes for Maricopa County. All fees, special assessments and charges are to be made payable to the "Maricopa County Landfill Department." The following fee schedule will apply to the size of the container, for solid or liquid wastes, full or partially filled, at all Maricopa County Sanitary Landfill operations.

CLASS I - Garbage:

1. Resident - No Charge
2. Commercial Garbage & Compactor Trucks

a. 0 to 3.8 CY	\$9.04	l. up to 55.0 CY	\$130.90
b. up to 7.5 CY	\$17.85	m. up to 60.0 CY	\$142.80
c. up to 10.0 CY	\$23.80	n. up to 65.0 CY	\$154.70
d. up to 15.0 CY	\$35.70	o. up to 70.0 CY	\$166.60
e. up to 20.0 CY	\$47.60	p. up to 75.0 CY	\$178.50
f. up to 25.0 CY	\$59.50	q. up to 80.0 CY	\$190.40
g. up to 30.0 CY	\$71.40	r. up to 85.0 CY	\$202.30
h. up to 35.0 CY	\$83.30	s. up to 90.0 CY	\$214.20
i. up to 40.0 CY	\$95.20	t. up to 95.0 CY	\$226.10
j. up to 45.0 CY	\$107.10	u. up to 100.0 CY	\$238.00
k. up to 50.0 CY	\$119.00		

(over 100.0 cubic yards in increments of 5 cubic yards @ \$11.90)

CLASS II - General Wastes:

NO CHARGE FOR THE FOLLOWING:

Residents hauling small loads of 1.5 cubic yards or less of Class II items (f), (g), (i), (n), and items (1) allowing one car, truck, boat, or trailer with registration, identification of owner and/or dumper and (m) allowing one household pet per dump. (No livestock)

CHARGES FOR LOADS OF GENERAL WASTE ARE AS FOLLOWS:

a. Tires	\$6.38
per cu yard includes a surcharge of \$4.00 per cubic yard	
b. Wire (cable, electrical wire, barbed wire etc.)	\$6.38
per cu yard includes a surcharge of \$4.00 per cubic yard	
c. Barrels: Whole	\$6.38
per cu yard includes a surcharge of \$4.00 per cubic yard for all capacities	
Quartered	\$2.38
per cu yard	
d. Tree stumps, branches, poles, large pipe over 3" diameter, logs...	\$5.38
per cu yard includes a surcharge of \$3.00 per cubic yard for all capacities	
e. Mattresses, box springs and appliances	\$2.38
per cu yard plus a surcharge of \$1.50 for each item	
f. Grass, palm fronds, tree leaves, brush	\$4.38
per cu yard includes a surcharge of \$2.00 per cubic yard. Capacities under 1.5 cu yards for residents only no charge	
g. Manure, barn yard and stable droppings consisting of livestock excretion, feed and straw combinations	\$6.38
per cu yard includes a surcharge of \$4.00 per cubic yard. Capacities under 1.5 cu yards for residents only no charge	

MARICOPA COUNTY
PROVISIONS & INFORMATION
EFFECTIVE - OCTOBER 12, 1983

FEES ARE APPLICABLE TO:

1. All business entities within Maricopa County.
2. All incorporated and unincorporated municipalities.
3. All agencies of the armed forces.
4. All agencies of the government (federal, state and local).
5. All agencies not under contract with Maricopa County.
6. All agencies listed herein outside the Maricopa County boundary or outside the State of Arizona.
7. All agencies not under an exclusion or exemption.
8. All agencies on Indian or tribal lands within or outside Maricopa County or the State of Arizona.
9. All non-profit, corporate, or non-corporate organizations.
10. All residents hauling other than garbage from their home. This includes but is not limited to; yard clean up, grass trimmings, tree fronds, building materials, dirt and Class II items not exempt.

FEE EXEMPTIONS:

1. Residents hauling garbage wastes only from their home.

Note: Residents will be charged for garbage wastes in excess of 1.5 cubic yards when hauled in bulk amounts for friends/neighbors, their mobile home or trailer courts, farm labor housing, apartment complexes, groups of homes, ranches and land development or as a commercial service.

2. Residents hauling waste categories listed in Class II (items (f), (g), (i), (l), (m), and (n) for 1.5 cubic yards or less.
3. Agencies under contract with Maricopa County.
4. Agencies of Maricopa County government under agreement.

RULES, SCHEDULES AND COLLECTION OF FEES:

1. A copy of the current fee schedule shall be posted near the landfill attendant's station and be available either at the Landfill office or through request by mail. Inspection of the fee schedule will be made available during the hours the landfill is open to the public and/or during the Landfill office hours, Monday through Friday 8:00 a.m. to 5:00 p.m.
2. Permits for dumping/solid and liquid wastes
 - a. Permits are issued from the Maricopa County Landfill Office, Monday through Friday except holidays, located at 3325 West Durango Street, Phoenix, Arizona 85009, through the hours 8:00 a.m. to 5:00 p.m.

Maricopa County Landfill Department
3325 West Durango Street
Phoenix, Arizona 85009

2. Note: No payments can be made at the landfill locations.
 3. Payments must be received on or before the 15th of each month. If the 15th of the month falls on a Saturday, Sunday or legal holiday, payment must be received by the end of the following working day.
- c. Delinquent Fees - A processing fee will be assessed for delinquent payment accounts in accordance with the following schedule:
1. Invoices not paid in full by the 15th of the month following the statement date:
 - (a) \$5.00 late fee for charges of \$200 or less
 - (b) 5% late fee for charges above \$200 but less than \$750
 - (c) 10% late fee for charges exceeding \$750
 2. Invoices not paid in full within 60 days after invoice date:
 - (a) 10% late fee added regardless of amount
 3. Invoices not paid in full within 90 days after invoice date:
 - (a) 10% late fee added regardless of amount
 - (b) Account will be referred to Revenue and Collections for recovery of charges due and landfill dumping privileges will be terminated
 - (c) Reopening of account after payment is received in full will require a new \$10.00 permit fee and \$50.00 trust fee
- d. Special Fees
1. There may be rare instances of the need for disposal of unusual shapes or materials for which a special analysis and fee may be appropriate. The Director of Public Works or his representative is authorized to negotiate, based upon the established fee schedule, a one-time fee arrangement in reasonable terms, to be confirmed in writing.
- e. Improper Disposal of Wastes
1. All too frequently improper disposal of wastes are found outside landfill gates, or along county roads. When these wastes are removed by the county, an attempt is always made to identify the origin of the wastes. Parties identified in this manner by license, name, company title, registration, or correspondence disposed of, will be assessed for the clean up and billed according to the current fee schedule plus charges for county labor and equipment usage.
4. Manifests:
- a. Manifests are to accompany medical, asbestos, animals, and liquid wastes upon disposal at the landfill.
 - b. All manifests must be signed, dated and time recorded with all information completed in full prior to dumping.
5. Schedule of Operations and Locations:

- f. Any human body organs, parts or contaminated wastes, including laboratory specimens and samples.
 - g. Any explosives, artillery, weapons and unspent cartridges.
 - h. Any hot coals, burning wood, or debris.
 - i. Any industrial sludges.
 - j. Any gaseous materials or pressurized containers.
 - k. Any livestock.
7. Areas served from outside the boundary of Maricopa County will be assessed a percentage rate in addition to the existing fee schedule for the following:
- + 10% assessed upon users outside Maricopa County or from Indian Reservations.
 - + 15% assessed upon users from outside the State of Arizona
8. Companies not applying for an annual permit after notice to obtain such a permit, will be assessed 20% over the existing fee schedule for two (2) dump loads until a Maricopa County Landfill Dumping Permit is obtained (limit of 2 dumps without an authorized permit).
9. Companies disposing of solid and/or liquid wastes found to be contaminated or mixed loads (with hazardous wastes) will be suspended from further disposal for a period not less than 30 days and assessed a fee of \$250.00 plus a laboratory and removal fee as well as possible environmental damages assessment.
10. Scavenging at Maricopa County Sanitary Landfills is prohibited. Violators will be referred to the Sheriff's office for appropriate action.
11. Because of the inability to predict all types of refuse that might be presented for disposal, the right to refuse dumping privileges, in the best interest of operating and prolonging the life of the landfill, is reserved to the discretion of the landfill operator.

SURCHARGES:

Surcharges may be assessed for special pit excavations, additional cover requirement, additional heavy equipment operation, additional handling or compaction, additional spreading, chemical spraying or lime treatment, extra water application, and manifest processing, testing and other administrative services.

NOTE: Please notify the Landfill Office of any changes that might affect your billing, e.g. company name change, address change, or additional or deleted vehicles. This will make billing more accurate and could prevent late fee charges being assessed. THANK YOU!

CONTRACT FCD 85-25

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 hereincontained, 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 85-25
Guadalupe and Power Road Bridges at RWCD Floodway and Canal
and to complete 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 con-
struction 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.

PARTY OF THE FIRST PART

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
PARTY OF THE 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: _____

LEGAL REVIEW

Approved as to form and within the powers and authority granted under the laws of the State of Arizona to the Flood Control District of Maricopa County.

By: _____

Date: _____

CONTRACT NO. FCD 85-25

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

BY: _____

AGENCY OF RECORD

SURETY SEAL

BY: _____

AGENCY ADDRESS

POWER OF ATTORNEY SEAL

BY: _____

CONTRACT NO. FCD 85-25
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____.

PRINCIPAL SEAL

AGENCY OF RECORD

BY: _____

AGENCY ADDRESS

SURETY SEAL

BY: _____

CONTRACT NO. FCD 85-25
PERFORMANCE BOND

POWER OF ATTORNEY SEAL

BY: _____

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CERTIFICATE OF INSURANCE

CONTRACT FCD 85-25

PROJECT TITLE Guadalupe and Power Rd. Bridges at RWCD Floodway and 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 D
	Company Letter E
	Company Letter F
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 _____

CERTIFICATE OF INSURANCE
CONTRACT FCD 85-25