

CONSTRUCTION SPECIFICATIONS

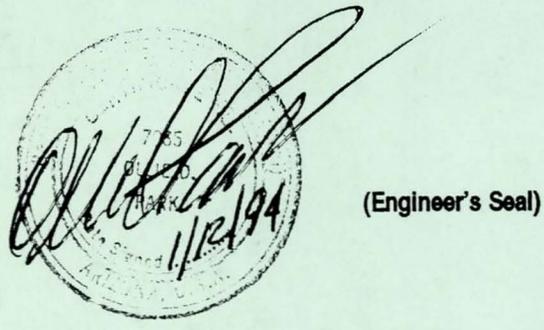
FOR

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

FCD CONTRACT NO. 93-48
PLATING OF ACCESS ROAD AND BANK PROTECTION FOR
EAST MARICOPA FLOODWAY REACH-4

Prepared By:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY



Recommended By: Edward A. Raleigh Date: 1/12/94
Edward A. Raleigh, P.E., Chief
Engineering Division

Issued for Public Bidding By:
~~Approved~~ By: Neil S. Erwin Date: 1/14/94
Neil S. Erwin, P.E.
Chief Engineer and General Manager

SUPPLEMENTARY TO MARICOPA ASSOCIATION OF GOVERNMENTS UNIFORM STANDARD SPECIFICATIONS
FOR PUBLIC WORKS CONSTRUCTION EDITION OF 1992 AND REVISIONS AND SUPPLEMENTS THERETO.

A121.519

MARICOPA COUNTY
 MINORITY/WOMEN-OWNED BUSINESS OFFICE
 LIST OF CERTIFIED FIRMS SORTED BY BUSINESS TYPE

01/11/94

Business Type	Firm Contact Name	Phone M/WRE Status	Address
ACCESS CTRL/CCTV/SECURITY SYSTEMS	ASSI SECURITY OF ARIZONA MICHAEL K. LIEBECK	(602) 581-0101 MBE	2401 W. BEHREND DR., #87-89 PHOENIX, AZ 85027-
ACCOUNTING - CERTIFIED PUBLIC	NANCY M GUY CPA NANCY M GUY, CPA	(602) 991-1413 WBE	9832 N HAYDEN #203 SCOTTSDALE, AZ 85258-
ADVERTISING AGENCY	LA CRESTA, INC. OLIVIA S. ESCOBAR	(602) 458-6472 MBE	35 SCHOOL DR. NE SIERRA VISTA, AZ 85635-
ADVERTISING AGENCY	MEDIA BUYING SERVICES INC. KATHY MUNSON	(602) 996-2232 WBE	4545 E. SHEA BLVD. #125 PHOENIX, AZ 85028-
ADVERTISING IN EL SOL NEWSPAPER	PREMIER COMMUNICATIONS RAY FLORES	(602) 234-3464 MBE	4001 N. 3RD STREET #465 PHOENIX, AZ 85012-
ADVERTISING, MARKETING PUBLIC RELATIONS	MUNOZ Y ASOCIADOS JOE F. MUNOZ	(602) 939-1626 MBE	5126 W. OLIVE AVE. BOX 216 GLENDALE, AZ 85302-
ADVERTISING, MARKETING, PUBLIC RELATIONS	TOPETE/STONEFIELD CONSULTANTS LIZ TOPETE STONEFIELD	(602) 254-8780 WBE	325 WEST ENCANTO BOULEVARD PHOENIX, AZ 85003-
AGGREGATE & LANDSCAPE MATERIALS	FORT McDOWELL SAND & GRAVEL JOHN C. KIRK	(602) 837-2358 MBE	P.O. BOX 17150 FOUNTAIN HILLS, AZ 85269-
AIR FILTER CLEANING SERVICE	AMERICAN AIR FILTER SERVICE CORPORATION CONSTANCE L. ROHRER	(602) 966-8588 WBE	1615 W. UNIVERSITY DR., #133 TEMPE, AZ 85281-
AIR PLACED CONCRETE	FISHER SHOTCRETE, INC. JANICE FISHER	(602) 897-7824 WBE	13721 E. MORGAN DR. GILBERT, AZ 85234-
ANESTHESIOLOGY	ALBERTA MAZZEI M.D DR. ALBERTA MAZZEI	(602) 267-5141 WBE	P.O. BOX 5099 PHOENIX, AZ 85010-
ANESTHESIOLOGY	CHANDRA KANT B. PATEL, M.D. DR. CHANDRA KANT B. PATEL	(602) 267-5141 MBE	P.O. BOX 5099 PHOENIX, AZ 85010-
ANESTHESIOLOGY	DANIEL T. TILLMAN, M.D DR. DANIEL T. TILLMAN	(602) 267-5141 MBE	P.O. BOX 5099 PHOENIX, AZ 85010-
ANESTHESIOLOGY	DEBORAH M. VERNASCO, M.D. DR. DEBORAH M. VERNASCO	(602) 267-5141 WBE	P.O. BOX 5099 PHOENIX, AZ 85010-
ANESTHESIOLOGY	INA G. LIEBERMAN, M.D. DR. INA G. LIEBERMAN	(602) 267-5141 WBE	P.O. BOX 5099 PHOENIX, AZ 85010-
ANESTHESIOLOGY	MOHAMMAD J. KHAN, M.D. DR. MOHAMMAD J. KAHN	(602) 267-5141 MBE	P.O. BOX 5099 PHOENIX, AZ 85010-
ANESTHESIOLOGY	PAUL LIN, M.D. DR. PAUL LIN	(602) 267-5141 MBE	P.O. BOX 5099 PHOENIX, AZ 85010-

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ANESTHESIOLOGY	ROBIN L. PRENTICE-BERKSETH, M.D. DR. PRENTICE-BERKSETH	(602) 267-5141 WBE		P.O. BOX 5099 PHOENIX, AZ 85010-
ANESTHESIOLOGY	WILLIAM MURRY SMITH, M.D. DR. WILLIAM MURRY SMITH	(602) 267-5141 MBE		P.O. BOX 5099 PHOENIX, AZ 85010-
ANESTHESIOLOGY	WILLIAM T. JOHNSON, M.D. DR. WILLIAM T. JOHNSON	(602) 267-5141 MBE		2601 E. ROOSEVELT PHOENIX, AZ 85254-
ARCHAEOLOGICAL SURVEY, TESTING	ARCHAEOLOGICAL CONSULTING SERVICES, LTD MARGERIE GREEN, PH.D	(602) 894-5477 WBE		P.O. BOX 27294 TEMPE, AZ 85285-
ARCHAEOLOGY, CULTURAL RESOURCE CONSLT.	KINLANI ARCHAEOLOGY CULTURAL RESOURCE DEBORAH S, DOSH	(602) 556-9797 WBE		2101 N. 4TH STREET, #220 FLAGSTAFF, AZ 86004-
ARCHAEOLOGY/ENVIRONMENTAL CONSULTING	CULTURAL & ENVIRONMENTAL SYSTEMS MARY LOU HEUETT	(602) 622-2782 WBE		P.O. BOX 2324 TUCSON, AZ 85702-
ARCHITECT	ROBERT GOMEZ ARCHITECT, A.I.A. ROBERT GOMEZ	(602) 263-0329 MBE		77 EAST WELDON SUITE 289 PHOENIX, AZ 85012-
ARCHITECTURAL DESIGN	SALAZAR ASSOCIATES ARCHITECTS LTD. LUIS A. SALAZAR	(602) 274-0846 MBE		313 E. THOMAS RD., #208 PHOENIX, AZ 85012-
ARCHITECTURAL FIRM	FOREMAN WENGER ARCHITECTS LISA FOREMAN	(602) 244-2475 WBE		426 N. 44TH STREET, #252 PHOENIX, AZ 85008-6595
ARCHITECTURAL INTERIORS	MCCARTHY NORDBURG, LTD. JUDITH NORDBURG	(602) 955-4499 WBE		3333 E. CAMELBACK RD. #180 PHOENIX, AZ 85018-
ARCHITECTURAL MILLWORK	LADY WOODRUFF CABINENTRY, INC. PABLO D. GARCIA	(602) 237-4224 MBE		4812 S. 43RD AVE PHOENIX, AZ 85041-
ARCHITECTURAL SERVICE	VEHR/WEBB STUDIO MARET WEBB	(602) 957-6294 WBE		4118 E. VERNON AVE. PHOENIX, AZ 85008-
ARCHITECTURAL SIGNS	TENCO CAROL S. THOMPSON	(602) 277-4713 WBE		1702 W. CAMELBACK RD., #284 PHOENIX, AZ 85015-
ART APPRAISER AND CONSULTANT	CORINNE CAIN LTD CORINNE CAIN	(602) 279-2167 WBE		5726 N. 10TH ST., #6 PHOENIX, AZ 85014-
ASPHALT/OIL APPLICATION & TRANSPORT	CACTUS TRANSPORT, INC. J.R. DOMENY	(602) 242-9983 WBE		P.O. BOX 11605 PHOENIX, AZ 85013-
ATTENDANT CARE	VALLEY WIDE ATTENDANT CARE MICHELLE J. BRUNE	(602) 917-0009 WBE		497 W. RAY RD., #D CHANDLER, AZ 85224-
AUDIO/VISUAL RETAIL SALES	ENTERPRENEUR VENTURES RODERIC L. WEBB	(602) 276-5516 MBE		1843 E. ALTA VISTA RD. PHOENIX, AZ 85040-

MARICOPA COUNTY
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Business Type	Firm Contact Name	Phone M/WBE	Status	Address
AUDITS, PERFORMANCE & LOSS PREVENTION	CSE-CUSTOMER SATISFACTION EVALUATIONS SYLVIA F. TAKEUCHI	(602) 870-0396 WBE		7028 N. 11TH AVENUE PHOENIX, AZ 85021-
AUTO BODY REPAIR & REFINISHING	TOM'S AUTO BODY, INC. TOM S. OCANO	(602) 252-4134 MBE		1327 E. BUCKEYE RD PHOENIX, AZ 85034-
AUTO UPHOLSTERY	LOPEZ AUTO TOPS ANNIE LOPEZ	(602) 242-4096 MBE		5410 N. 27TH AVE. PHOENIX, AZ 85017-
BACKFLOW PREVENTION, TEST & REPAIRS	ARIZONA CROSS CONECTION SUEO MURAKAMI	(602) 842-9405 MBE		4116 W. NORTHERN AVE PHOENIX, AZ 85051-
BUILDING & MASONRY SUPPLIES	PREACH BUILDING SUPPLY PHILLIP PREACH	(602) 944-4594 MBE		1601 W. HATCHER PHOENIX, AZ 85021-
CAMERA READY ART, DESIGN & PRODUCE	MCCOMB & ASSOCIATES, INC. PATRICIA MCCOMB-STOWE	(602) 248-9255 WBE		4700 N. 12TH ST., #206 PHOENIX, AZ 85014-
CARPET AND FLOOR TILE INSTALLATION	B & C FLOOR COVERING BENJAMIN R. CASTILLO	(602) 955-8044 MBE		3920 E. INDIAN SCHOOL RD., #15 PHOENIX, AZ 85018-
CASISSON DRILLING, PILE DRIVING	INTRA-AMERICAN FOUNDATION & DRILLING CO. SALVADOR ALTAMIRANO	(602) 256-2843 MBE		502 W. WATKINS RD. PHOENIX, AZ 85003-
CERTIFIED PUBLIC ACCOUNTANTS	FLORENTINO J. GONZALES, CPA, P.C. FLORENTINO J. GONZALES	(602) 941-1950 MBE		1805 N. SCOTTSDALE RD., #3 TEMPE, AZ 85281-
CHEMICAL & ENVIRONMENTAL ENGINEERING	GUTIERREZ/PALMENBERG GILBERT GUTIERREZ	(602) 234-0696 MBE		2922 W. CLARENDON PHOENIX, AZ 85017-
CHILD CARE SERVICES	SUMMA ASSOCIATES KAREN WOODFORD	(602) 820-9844 WBE		735 E. GUADALUPE TEMPE, AZ 85283-
CIVIL & ENVIRONMENTAL ENGINEERING	DAMON S. WILLIAMS ASSOCIATES DAMON S. WILLIAMS	(602) 265-5400 MBE		645 E. MISSOURI AVE. # 270 PHOENIX, AZ 85012-
CIVIL & STRUCTURAL ENGINEERING	BKS ENGINEERS, INC BAL K. SANAN, PH.D	(602) 864-8995 MBE		8433 N. BLACK CANYON HWY.#152 PHOENIX, AZ 85021-
CIVIL AND STRUCTURAL	SUNDARAM ENGINEERING SHAN SUNDARAM	(602) 839-3445 MBE		833 WEST PORTOBELLO MESA, AZ 85210-
CIVIL ENGINEER	BAY CITY ENGINEERS RUTH FRANKLIN	(602) 788-5595 WBE		4631 E. ACOMA DR. PHOENIX, AZ 85032-4897
CIVIL ENGINEERING	ENGINEERING ALLIANCE JIT S. PEGANY	(602) 954-8344 MBE		4120 N. 20TH STREET, #B PHOENIX, AZ 85016-
CIVIL ENGINEERING & LAND SURVEYING	AZTEC ENGINEERING HERMANT K. PATEL	(602) 943-7986 MBE		1334 E. PUGET AVE. PHOENIX, AZ 85020-

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CIVIL ENGINEERING & SURVEYING	ALPHA ENGINEERING DINKAR GANGWAL	(602) 795-8600 MBE	3131 E. SECOND STREET TUCSON, AZ 85716-
CIVIL ENGINEERING CONSULTING SERVICES	STEVE CORRALES ENGINEERING CORP. STEVEN CORRALES, JR.	(602) 622-2553 MBE	1008 W. ST. MARY'S RD., BLDG.1 TUCSON, AZ 85745-
CIVIL ENGINEERING SERVICES	COLLINS-PINA CONSULTING ENGINEERS, INC. JERRY A. COLLINS	(602) 264-7505 MBE	3800 N. CENTRAL AVE., #530 PHOENIX, AZ 85012-
CIVIL ENGINEERING, LAND SURVEYOR	PROJECT ENGINEERING CONSULTANTS, LTD. LARRY MALDONADO	(602) 484-7691 MBE	3130 N. 35TH AVE., #1 PHOENIX, AZ 85017-
CIVIL ENGINEERS	URBAN ENGINEERING, INC. FORREST L. METZ	(602) 220-0004 MBE	4146 N. 12TH ST. PHOENIX, AZ 85014-
CIVIL ENGINEERS, DESIGN, CONSTR.MGMT.	R S ENGINEERING, INC. ROBERT M. SUAREZ	(602) 791-3933 MBE	595 S. MEYER AVE. TUCSON, AZ 85701-
CIVIL, HYDROLOGY & LAND SURVEYING	WOOD, PATEL & ASSOCIATES, INC. ASHOK C. PATEL	(602) 234-1344 MBE	1550 E. MISSOURI PHOENIX, AZ 85014-
CIVIL/STRUCTURAL ENGINEERING SERVICES	A. K. ENGINEERING A. K. NARASIMHAN	(602) 839-3747 MBE	936 W. MESETO MESA, AZ 85210-
CLEANING SUPPLIES	DYNAMIC PROGRAM PLANNING, INC. THOMAS WILSON, III	(602) 276-6550 MBE	P.O. BOX 8280 PHOENIX, AZ 85066-
CLEANING/DEGREASING CHEMICALS	SOO ENVIROMENTAL TECHNOLOGY OLABISI CARLTON-CAREW	(602) 838-5564 MBE	2413 E. MANHATTON DR. TEMPE, AZ 85282-
COMMERCIAL ART	JO HALTERMON DESIGN JO HALTERMON	(606) 384-3311 WBE	1409 MT. ZION ROAD UNION, KY 41091-
COMMERCIAL FURNITURE REPAIR	MIST SYSTEMS LYDIA AVALOS	(602) 759-0595 MBE	16422 SOUTH 46TH PLACE PHOENIX, AZ 85044-
COMMUNICATIONS INSTALLATION	ADKINS CABLING SYSTEMS TAD ADKINS	(602) 889-2206 MBE	1010 E. PENNSYLVANIA st., #201 TUCSON, AZ 85714-
COMMUNITY RELATIONS	ACW & ASSOCIATES ANNE C. WARNER	(602) 743-8866 WBE	4901 W. HARRIS HAWK PLACE TUCSON, AZ 85745-
COMPUTER CONSULTING	RB BALCH AND ASSOCIATES ROCHELLE BALCH	(602) 561-9366 WBE	22504 N. 61ST DR. GLENDALE, AZ 85310-
COMPUTER HARDWARE SALES, SOFTWARE	TAYLORD COMPUTER MARKETING, CROP. JEANETTE HENDRICKS	(602) 569-0011 WBE	P.O. BOX 54310 PHOENIX, AZ 85024-
COMPUTER RESELLER	BOTTOMLINE ENTERPRISES, INC. TANDY HAMILTON	(602) 892-4436 MBE	8433 N. BLACK CANYON .HY., #156 PHOENIX, AZ 85021-

MARICOPA COUNTY
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COMPUTER SALES & SERVICE	TRANSOURCE COMPUTERS LEE TING	(602) 997-8101 MBE	2033 W. NORTH LANE, #18 PHOENIX, AZ 85021-
COMPUTER SALES & TECH.SUPPORT	J.J. CRONEY & ASSOCIATES JERRY CRONEY	(602) 894-6068 WBE	1635 W. UNIVERSITY #125 TEMPE, AZ 85281-
COMPUTER SUPPORT SERVICES, ENG., ARCH	COLE FINANCIAL SERVICES JOSODA A. COLE	(313) 962-7055 MBE	65 CADILLAC SQUARE, #2215 DETROIT, MI 48226-
COMPUTER SYSTEMS INTEGRATION	REALSOFT CONSULTING, INC. YATO ADEYEMI	(602) 996-3722 MBE	4320 E. SHEA BLVD, #109 PHOENIX, AZ 85028-
COMPUTER TRAINING	MICRO PROFESSIONALS, INC. NIKKI CAPETZ	(602) 945-0992 WBE	6991 E. CAMELBACK RD., #D-300 SCOTTSDALE, AZ 85251-
CONCRETE COMPANY	RAY-D-CONCRETE, INC RAY ORTEGA	(602) 566-6151 MBE	22624 N. 83RD AVENUE PEORIA, AZ 85382-
CONCRETE CONSTRUCTION	3-D DEVELOPMENT DAVID DAVIS	(602) 895-8506 MBE	953 E. JUANITA, #C-5 CHANDLER, AZ 85204-
CONSTRUCTION PHOTOGRAPHY	PAMELA ROBERTS PHOTOGRAPHY PAMELA ROBERTS LEVITT	(716) 248-9100 WBE	32-1/2 SOUTH MAIN STREET PITTSFORD, NY 14534-
CONSTRUCTION STEEL REINFORCEMENT	PARADISE REBAR JOEL L. RASCHKE	(602) 516-9056 MBE	P.O. BOX 86458 PHOENIX, AZ 85080-
CONSTRUCTION UNDERGROUND PIPELINE	TIERRA PIPELINE, INC. RICHARD JIAREZ	(602) 780-9374 MBE	22233 N. 23RD AVE. PHOENIX, AZ 85027-
CONSTRUCTION, PRE-CAST CONCRETE	STONE RIVER, INC. LOUIS HAMILTON	(505) 281-9484 MBE	905 STATE ROAD 344 SANDIA PARK, NM 87047-
CONSTRUCTION, REMODEL HOMES, ETC.	ARIZONA BUILT RITE, LTD. AL GUTIERREZ	(602) 877-1799 MBE	P.O. BOX 1584 AVONDALE, AZ 85323-
CONSTRUCTION, UTILITIES	JOE PEREZ CONSTRUCTION JOE S. PEREZ	(602) 940-1575 MBE	P.O. BOX 1437 GILBERT, AZ 85229-
CONSULTANT	SIMON'S CONSULTING SERVICES AMAECHE AKPA	(602) 981-4010 MBE	234 N. 75TH ST., #219 MESA, AZ 85207-
CONSULTING - RESEARCH AND BUSINESS	UNITED MANAGEMENT SYSTEMS BERNARD STEWART	(602) 263-0896 MBE	221 EAST INDIANOLA, #216 PHOENIX, AZ 85012-
CONSULTING STRUCTURAL ENGINEERS	NABAR STANLEY BROWN, INC. SATEESH J. NABOR, PH.D	(602) 265-7030 MBE	745 E. MARYLAND AVE., #203 PHOENIX, AZ 85014-1524
CONTRACT ENGINEERING FIRM	ETS/CDRL SERVICES, INC. MARTHA S. ALBERTI	(602) 423-0000 WBE	5717 E. THOMAS RD., #3 SCOTTSDALE, AZ 85251-

MARICOPA COUNTY
 MINORITY/WOMEN-OWNED BUSINESS OFFICE
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CONTRACTORS BOOKS, NEWSPAPERS	CASA FENIX MERCHANDISING, INC. YOLANDA COLLAZOS KIZER	(602) 252-4050 M/WBE	1033 E. JEFFERSON, #500 PHOENIX, AZ 85034-
COUNSELING SERVICES	DAWSON COUNSELING SERVICES EUGENE DAWSON, Ph.D.	(602) 954-6255 MBE	P.O. BOX 80352 PHOENIX, AZ 85060-
DATA PROCESSING	CIERRA CONSULTING COMPANY CLAUDIA A. BENNETT	(602) 596-1366 WBE	8687 E. VIA DE VENTURA, #200 SCOTTSDALE, AZ 85258-
DECAL & SIGN SILKSCREEN PRINTING	STEVENS DECAL COMPANY BETH SOPKO	(602) 269-7758 WBE	3336 W. McDOWELL RD. PHOENIX, AZ 85009-
DESIGN ENGINEER, ELECTRONIC COMPUTERS	VALTRONICS ENGINEERING & MANUFACTURING LORENZO J. VALENZUELA	(602) 937-0373 MBE	6602 N. 58TH DR. GLENDALE, AZ 85301-
DESIGN OF TELECOMMUNICATION PRODUCTS	FANS TELECOM, INC. DR. YUAN-NENG FAN	(602) 948-4928 MBE	7850 E. EVENS RD., #103 SCOTTSDALE, AZ 85260-
DIAMOND TIPPED CUTTING TOOLS	SPECIALTY SALES, INC. E.J. CRUICKSHANK	(612) 453-3087 MBE	8629 JEFFERSON HWY. OSSEO, MN 55369-
DISTRIBUTOR OF MANUFACTURED PRODUCTS	UNIVERSAL PRODUCTS DISTRIBUTION, INC. MICHAEL R. PICONE	(602) 437-4250 MBE	4022 E. BROADWAY, #120 PHOENIX, AZ 85040-
DISTRIBUTOR OF PLAYING CARDS & GAMES	DAVIS DISTRIBUTORS, INC. CYNTHIA DAVIS	(305) 558-1161 WBE	2450 WEST 82ND STREET #202 HIALEAH, FL 33016-
DRAFTING SERVICE	CHANDLER DRAFTING SERVICE TRACY D. CHANDLER	(602) 582-4892 WBE	20626 N. 4TH AVE. PHOENIX, AZ 85027-
ELECTRICAL CONTRACTOR	C-3 ENERGY CORP. MARIO CORRAL	(602) 968-1515 MBE	1440 S. PRIEST, #101 TEMPE, AZ 85281-
ELECTRICAL CONTRACTOR	NEW RIVER ELECTRIC, INC. JEANIE EISCHENS	(602) 780-9516 WBE	2007 W. ROSE GARDEN LN. PHOENIX, AZ 85027-
ELECTRICAL CONTRACTOR, COMMER & INDUSTR.	HERNANDEZ ELECTRICAL, INC. AUGUSTIN HERNANDEZ	(602) 997-7271 MBE	101 W. HATCHER ROAD PHOENIX, AZ 85021-
ELECTRICAL DESIGN FOR AIRPORTS	A.J. REITER ELECTRICAL DESIGN ALMA J. REITER	(602) 992-1091 DBE	15609 N. 21ST STREET PHOENIX, AZ 85022-
ELECTRICAL/MECHANICAL ENGINEERING	JODDELL ASSOCIATES JOSEPH OGUNDIJI, P.E.	(602) 949-8901 MBE	6720 E. BELLEVIEW ST. SCOTTSDALE, AZ 85257-3225
ELECTRONIC COMMUN. SALES & SERV.	CHAMBERS ELECTRONIC COMMUNICATIONS ROXANNE R. CHAMBERS	(602) 275-7575 WBE	313 S. 36TH ST. PHOENIX, AZ 85034-
ENGINEERING & MANAGEMENT CONSULTANT	SNI INTERNATIONAL RESOURCES, INC. LUPE CARBAJAL	(602) 285-1331 MBE	4041 N. CENTRAL AVE., #1470 PHOENIX, AZ 85012-3314

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ENGINEERING SERVICES	TRANSPORTATION ASSOCIATES, INC. ED HALL	(505) 275-0228 MBE	1000 EURANK N.E., #D ALBUQUERQUE, NM 87112-
ENGINEERING, CIVIL/STRUCTURAL & SURVEY	MOREA-HALL ENGINEERING, INC. CLAUDIA MOREA	(602) 246-8969 WBE	1820 W. MARICOPA FREEWAY PHOENIX, AZ 85007-
ENGINEERING, ELECTRICAL/MECHANICAL	NP ENGINEERING, INC. ANDREW PANOPLO	(602) 265-1559 MBE	3831 N. 15TH AVE. PHOENIX, AZ 85015-
ENGINEERING, FULL SERVICE	KULKARNI ENGINEERING CO., INC. YASHAVANT V. KULKARNI	(602) 993-0474 MBE	123 W. PINE VALLEY DR. PHOENIX, AZ 85023-
ENGINEERING, CIVIL, STRUCTURAL, ASBESTOS	IAE, INC. CONSULTING ENGINEERS ARTHUR LORING	(602) 224-9590 MBE	4120 N. 20TH STREET, #B PHOENIX, AZ 85016-
INTERNAL THERAPIES	CREATIVE HEALTH CARE SERVICES, INC JUDY M. LEWIS	(602) 838-1315 MBE	3280 S. COUNTRY CLUB WAY, #112 TEMPE, AZ 85282-
ENVIRONMENTAL ENGINEERING	YOUNG'S ENVIRONMENTAL SERVICES CO., INC. STEPHEN YOUNG	(714) 891-4322 MBE	P.O. BOX 884 WESTMINSTER, CA 92684-0884
ENVIRONMENTAL ASSESSMENTS, TECH. WRITING	PSM 2 JULIA E. FLLGOOD	(602) 277-7884 WBE	3030 N. CENTRAL AVE. #1017 PHOENIX, AZ 85012-
ENVIRONMENTAL PLANNING SERVICES	JAC PLANNING, CORP. JEAN A. CELENDER	(516) 487-4549 WBE	8 BOND STREET, #300 GREAT NECK, NY 11021-
ESCROW SERVICES	NETWORK ESCROW & TITLE AGENCY, INC. SUSAN M. BUDNIK	(602) 951-7575 WBE	3225 N. CENTRAL AVE. #100 PHOENIX, AZ 85012-
EXCAVATING & GRADING	M-D EXCAVATING & GRADING MONICA DAHLQUIST	(602) 275-5865 WBE	P.O. BOX 2625 APACHE JUNCTION, AZ 85217-
EXCAVATING AND GRADING	EARTHMOVERS, INC. JODY TRENTER	(602) 998-5406 WBE	8604 E. JENAN DR. SCOTTSDALE, AZ 85260-
EXCAVATION, GRADING, OIL SURFACING	CAMINO DURO, INC. LUPE D. FRUETT	(602) 963-8283 MBE	P.O. BOX 895 CHANDLER, AZ 85244-
FENCE, GUARDRAIL CONSTRUCTION	PHILLIPS THREE, INC. PATSY M. CRANDALL	(602) 772-1332 WBE	1012 STIRRUP HIGH DRIVE WEST DEWEY, AZ 86327-
FENCES, GUARDRAILS, SIGNS-FURNISH/INSTALL	FIVE B INC. GAIL GRAY	(602) 437-0201 WBE	3801 EAST SUPERIOR AVENUE PHOENIX, AZ 85040-
FENCING GUARDRAIL CONTRACTING	FENCE ERECTORS, INC. CAROL ENRIQUEZ,	(602) 252-1195 MBE	P.O. BOX 15857 PHOENIX, AZ 85060-5857
FIRE PROTECTION CHEMICALS	ARIZONA FIRE BRAKE DIANE BRADY	(602) 924-8528 WBE	614 N. LOS ALAMOS MESA, AZ 85213-

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Business Type	Firm Contact Name	Phone M/WBE	Status	Address
FLOOR & WINDOWCOVERINGS, INTERIOR DECOR.	DESIGNS OF TODAY RONALD GOMEZ	(602) 759-5757 MBE		2921 E. REDWOOD LN. PHOENIX, AZ 85048-
FLOOR COVERING CONTRACTOR	M & J INDUSTRIES, INC. JAMES BACA	(602) 256-2699 MBE		P.O. BOX 2415 PHOENIX, AZ 85002-
FLOOR COVERING INSTALLING	RAMIREZ FLOOR COVERING, INC. JOHN Y. RAMIREZ	(602) 275-7571 MBE		3308 E. MADISON ST. PHOENIX, AZ 85034-
FLOOR COVERING SALES & INSTALLATION	APPLE DISCOUNT CARPET NILESH C. HINCOHA	(602) 829-8239 MBE		1525 E. APACHE BLVD. TEMPE, AZ 85281-
FLOORING TERRAZZO INSTALLATION	ARIZONA TERRAZZO COMPANY DAVID F. COTA	(602) 278-3778 MBE		2715 W. LINCOLN ST. PHOENIX, AZ 85009-
FULL SVC. VENDING, CATERING, CONCESSION	L/K SERVICES EDWARD L. KNOX	(602) 470-0474 MBE		P.O. BOX 17882 PHOENIX, AZ 85011-
GENERAL BUILDING CONTRACTOR	BARCON CORPORATION FRED BARCON	(602) 473-3531 MBE		P.O. BOX 370 MIAMI, AZ 85539-
GENERAL CONSTRUCTION	JIM CASTANEDA CONSTRUCTION JIM CASTANEDA	(602) 899-8503 MBE		401 N. ALMA SCHOOL RD., #9 CHANDLER, AZ 85224-
GENERAL CONSTRUCTION	P.P.E.G., INC. NICANOR C.R. ORTEGA	(602) 461-9816 MBE		240 S. COUNTRY CLUB DR. MESA, AZ 85210-
GENERAL CONTRACTING	MALCOM CONSTRUCTION RUDY MALDONADO	(602) 243-1278 MBE		3029 E. SOUTHERN AVE PHOENIX, AZ 85040-
GENERAL CONTRACTING CO.	VALCO CONSTRUCTION CO., INC. RAFAEL VALENZUELA JR.	(602) 937-2042 MBE		6602 N. 58TH DR. GLENDALE, AZ 85301-
GENERAL CONTRACTOR	DAV CONTRACTING, INC. DANIEL A. VILLA	(602) 245-2121 MBE		5861 N. 55TH AVE., #1 GLENDALE, AZ 85301-
GENERAL CONTRACTOR	SUN EAGLE CORPORATION MARTIN ALVAREZ	(602) 961-0004 MBE		461 N. DEAN AVE, CHANDLER, AZ 85226-
GENERAL CONTRACTOR	THE POLOTE CORPORATION BENJAMIN R. POLTE, SR.	(912) 232-1188 MBE		P.O. BOX 1486 SAVANNAH, GA 31498-1486
GENERAL CONTRACTOR, BUILDINGS	JMS CONSTRUCTION CO. JOE SANCHEZ	(602) 249-3494 MBE		6628 N. 16TH DRIVE PHOENIX, AZ 85015-
GENERAL CONTRACTOR, MANAGEMENT & HIGHWAY	SWENGEL-ROBBINS INC. S.K. SWENGEL	(602) 268-1724 MBE		837 E. SOUTHERN AVE. PHOENIX, AZ 85040-3144
GENERAL CONTRACTOR, RESID/COMMERCIAL	McINTYRE CONSTRUCTION, INC. SUSAN B. MCINTYRE	(602) 820-6907 MBE		2533 W. LOUGHLIN DR. CHANDLER, AZ 85224-

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GENERAL ENGINEERING CONSTRUCTION	ESKY BENAVIDEZ CORPORATION	(209) 728-2073 MBE	P.O. BOX 96 DOUGLAS FLAT, CA 95229-
GENERAL ENGINEERING, HYDROELECTRIC	SITE CONSTRUCTORS, INC. HOWARD S. HORN	(916) 342-8545 MBE	P.O. BOX 6254 CHICO, CA 95927-
GEOGRAPHIC INFORMATION SYSTEMS	SANDRA M. WEIR AICP SANDRA M. WEIR	(602) 483-6749 WBE	7520 E. VIA ESTRELLA AVE. SCOTTSDALE, AZ 85258-
GEOGRAPHIC INFORMATION SYSTEMS CONSULT.	BIS SOUTHWEST, INC. LEENA RAVAL	(602) 266-5080 MBE	1245 E. TOPEKA DR. PHOENIX, AZ 85024-
GEOTECHNICAL ENGIN. & MATERIAL TEST	ATL TESTING LABORATORIES FRANK C. RIVERA	(602) 241-1097 MBE	2922 WEST CLARENDON PHOENIX, AZ 85017-
GEOTECHNICAL ENGINEERING	DESERT LAND ENGINEERING RICK GUTIERREZ	(602) 265-5320 MBE	4621 N. 16TH ST., #A115 PHOENIX, AZ 85016-
GEOTECHNICAL MATERIALS TESTING	ARIZONA STRUCTURAL INSPECTION, INC. JOHN C. SAVOIA	(602) 273-6310 WBE	1835 E. 6TH ST., #23 TEMPE, AZ 85281-
GLASS, GLAZING	GLENDALE GLASS, INC. RAYMOND E. NUNEZ	(602) 937-1621 MBE	5412 W. GLENDALE GLENDALE, AZ 85301-
GLASS/GLAZING SALES SERVICE	BILLY'S GLASS WILLIAM CHVARIA	(602) 268-8652 MBE	416 W. McNIEL PHOENIX, AZ 85041-
GRADING AND PAVING CONTRACTOR	INCA CONTRACTING CO. JOSE CASTILLO	(602) 821-0715 MBE	95 N. ARIZONA PL., # 4 CHANDLER, AZ 85225-
HARDWARE STORE, RETAIL	STEVE'S TRUE VALUE HARDWARE STEVE YEE	(602) 788-1980 MBE	731 E. UNION HILLS RD. PHOENIX, AZ 85022-
HERBICIDE APPLICATION, WEED CONTROL	EVERGREEN SPRAY SERVICE, INC. PAULA D. GROSS	(602) 258-5041 WBE	279 SHADOW VALLEY RANCH ROAD PRESCOTT, AZ 86301-
HOME REPAIR & REHABILITATION	TAS HOME IMPROVEMENTS & REPAIRS ANTONIO S. AMAYA	(602) 547-1794 MBE	3766 W. ACOMA DR. PHOENIX, AZ 85023-
HUMAN RELATIONS TRAINING	A+ TRAINING CYNTHIA D. HAMMOND	(602) 833-4876 WBE	P.O. BOX 30612 MESA, AZ 85275-
HUMAN SERVICES/PROGRAM CONSULTING	B.J. TATRO CONSULTING B.J. TATRO	(602) 494-9848 WBE	3420 E. SHEA BLVD. SUITE 199 PHOENIX, AZ 85028-
HVAC/AIR CONDITIONING SALES & SERVICE	SABER AIR CONDITIONING, INC. MANUEL GAONA	(602) 268-9409 MBE	6509 S. 28TH STREET PHOENIX, AZ 85040-
HYDRAULIC ENGINEER	WEST CONSULTANTS, INC. DAVID T. WILLIAMS	(619) 431-8113 MBE	2111 PALOMAR AIRPORT ROAD #180 CARLSBAD, CA 92009-

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HYDROLOGY	HSS HYDROLOGY SUPPORT SERVICES FREDDY E. ARTIAGA	(602) 839-4015 MBE	3309 S. HAZELTON LN. TEMPE, AZ 85282-
INTERIOR CONSULTANT	FABRIC WORKS LAUREEN ABBOTT	(602) 273-6662 WBE	1727 N. 32ND STREET PHOENIX, AZ 85008-
INTERIOR DECORATING /WINDOW TREATMENT	ALL ABOUT DESIGN, INC. PAMELA MILLIKAN	(602) 977-0471 WBE	6812 WEST CARON DRIVE PEORIA, AZ 85345-
INTERIOR DESIGN & FLOOR COVERING	INTERIOR DESIGN AND SUPPLY JANET LA PLANTE	(602) 863-1218 WBE	641 W. PORT AU PRINCE PHOENIX, AZ 85023-
INTERIOR DESIGN AND FURNISHINGS	HABITAT INTERIORS CAROL A. VETRANO	(602) 797-1175 WBE	10713 N. POMEGRANATE DR. TUCSON, AZ 85737-
INTRASTATE DELIVERY OF GEN. FREIGHT	OJC TRANSFER & DELIVERY SERVICES, INC. JAMES L. WAGONER	(602) 730-9076 MBE	P.O. BOX 56965 PHOENIX, AZ 85017
JANITOR SUPPLIES	R-B ENTERPRISES GARY L. RAFF	(310) 673-6208 MBE	1034 W. I STREET, #200 ONTARIO, CA 91762-
JANITORIAL SERVICE	CATHAYAN MAINTENANCE SHELLY WONG	(818) 793-3041 M/WBE	620 S. RAYMOND AVE., #2 PASADENA, CA 91105-
JANITORIAL SERVICE	PATTERSON JANITORIAL SERVICE COMPANY RAYMOND PATTERSON	(602) 944-0804 MBE	7602 N. 12TH ST. APT #238 PHOENIX, AZ 85020-
JANITORIAL SERVICES, HOSPITAL HOUSECLEAN	TELTARA, INC. MICHAEL CAMPBELL	(602) 451-7000 MBE	9700 N. 91ST. STREET, #119 SCOTTSDALE, AZ 85258-
JANITORIAL SUPPLIES & SERVICES	CROWN INTERNATIONAL TREVOR GRIFFITHS	(602) 834-9136 MBE	2303 N. 44TH ST. #14-113 PHOENIX, AZ 85088-
JANITORIAL SUPPLIES, WIPING CLOTHS	A-1 WIPING MATERIALS LINDA MENDOZA HEROLD	(602) 252-3334 MBE	702 E. JACKSON STREET PHOENIX, AZ 85036-
LAND RIGHTS, ACQUISITIONS	DIVERSIFIED R/W SERVICES JOANNE D. ROORSMA	(602) 265-5540 WBE	444 W. CAMELBACK RD. #303 PHOENIX, AZ 85013-
LAND SURVEYING	ALCOCKER LAND SURVEYORS RICHARD ALCOCKER	(602) 263-7846 MBE	3501 N. 16TH STREET PHOENIX, AZ 85016-
LANDSCAPE ARCHITECT	RECON CONSULTANTS, INC. LORI JONES WOODS	(602) 325-9977 WBE	3443 N. CAMPBELL AVE., #100A TUCSON, AZ 85719-
LANDSCAPE ARCHITECTS	SAKATO & SAKATO LANDSCAPE ARCHITECTS GARY M. SAKATO	(602) 258-7777 MBE	2828 N. CENTRAL AVE., # 755 PHOENIX, AZ 85004-
LANDSCAPE ARCHITECTURE	BOWDEN DESIGN GROUP, INC. LAURA BOWDEN	(602) 443-0223 WBE	7100 E. LINCOLN DR., # A-106 SCOTTSDALE, AZ 85253-

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LANDSCAPE ARCHITECTURE	C.F. SHULER INC. CAROL F. SHULER	(602) 483-0535 WBE	13901 N. 73RD ST., # 207 SCOTTSDALE, AZ 85260-
LANDSCAPE ARCHITECTURE/PLANNING	LOGAN SIMPSON & DYE CARYN LOGAN HEAPS	(602) 967-1343 WBE	398 SOUTH MILL AVE. #300 TEMPE, AZ 85281-
LANDSCAPE ARCHITECTURE/URBAN PLANNING	WHEAT-GALLAHER & ASSOCIATES JOANNE GALLAHER	(602) 884-7911 WBE	377 S. MEYER AVE. TUCSON, AZ 85701-
LANDSCAPE LAWN MAINTENANCE	CURBSIDE LANDSCAPING, INC. MANUEL D. DOMINQUEZ	(602) 937-7797 MBE	8334 N. 58TH AVE. GLENDALE, AZ 85302-
LANDSCAPE MAINTENANCE	BARROW'S ENVIRONMENTAL INDUSTRIES KELLY K. BARROW	(602) 494-9094 WBE	13617 N. 49TH STREET SCOTTSDALE, AZ 85254-
LANDSCAPING & DESIGN	DESERT GREEN LANDSCAPING & DESIGN, INC. JAMES SHIEH	(602) 961-1915 MBE	638 N. POPLAR COURT CHANDLER, AZ 85226-
LASER ENGRAVING	LEACH LASER TRACY NORRIS	(602) 998-3336 WBE	7662 E. GRAY RD, #102 SCOTTSDALE, AZ 85260-
LASER PRINTER CARTRIDGE REBUILDER	CARTRIDGE CARE, INC. IRENE CONLAN	(602) 998-3359 WBE	1444 N. 73RD ST. SCOTTSDALE, AZ 85260-
LEASE/PURCHASE EQUIPMENT	COMMERCIAL LEASING SERVICES RICHARD F. POLANCO	(602) 461-9280 MBE	520 N. STAPLEY, #192 MESA, AZ 85203-7266
LEGAL SERVICES	AARON KIZER, ATTORNEY AT LAW ARRON KIZER	(602) 253-2523 MBE	320 E. MCDOWELL RD., #315 PHOENIX, AZ 85004-
LEGAL SERVICES	AMY S. FISHER, P.C. AMY S. FISHER	(602) 395-9075 WBE	7301 N. 16TH ST. #103 PHOENIX, AZ 85020-
LEGAL SERVICES	GADNA & HAYNES, P.C. FRANCES J. HAYNES, ESQ.	(602) 230-2636 M/WBE	3101 N. CENTRAL, #720 PHOENIX, AZ 85012-
MACHINING AND CUSTOM WORK	J.H. CUSTOM MACHINE WORK JESUS HERRERA	(602) 272-5686 MBE	3127 W. VIRGINIA, #9 PHOENIX, AZ 85009-
MANAGEMENT CONSULTANT	KOLBE CONCEPTS, INC. KATHY KOLBE	(602) 840-9770 WBE	3421 N. 44TH STREET PHOENIX, AZ 85018-
MANAGEMENT CONSULTANT	SUAREZ ENTERPRISES VICTOR SUAREZ	(602) 931-3166 MBE	4226 W. BARBARA AVE. PHOENIX, AZ 85051-
MANAGEMENT CONSULTANT	SUNRISE TECHNOLOGIES, INC. KIMANH A. DAVIS	(602) 575-9200 M/WBE	7400 N. ORACLE RD., #366 TUCSON, AZ 85704-6342
MANAGEMENT CONSULTANT & HUMAN SERVICES	FOX SYSTEMS, INC. SUSAN J. FOX	(602) 968-1170 WBE	1730 S. JENTILLY LN., #D 103 TEMPE, AZ 85281-5704

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MANAGMENT & ADMINISTRATIVE SERVICES	THE WRITE SOURCE PAULETTE POHLMANN	(602) 967-9304 WBE	124 W. ALAMEDA DR. TEMPE, AZ 85282-3506
MANAGMENT & TRAINING SERVICES	MEDICAL BUSINESS RESOURCE CENTER MARILYN C. DUPONT	(602) 279-2655 WBE	1221 E. OSBORN RD., #101 PHOENIX, AZ 85014-
MANFT.,INSTALL, FIBER OPTIC NETWORKS	FIBER SPECIALIST, INC. MITZI D. DOOLEY	(602) 585-5069 WBE	P.O. BOX 30426 PHOENIX, AZ 85046-
MANHOLES -INSTALL PRECAST	PREACH MASONRY, INC PHILLIP L. PREACH	(602) 242-2007 MBE	1601 W. HATCHER PHOENIX, AZ 85021-
MASONRY CONTRACTING	F.G. MABANTE MASONRY, INC. FRANK G. MABANTE	(602) 978-2886 MBE	4311 W. SANDRA CIRCLE GLENDALE, AZ 85308-
MASONRY CONTRACTOR	JIM CELAYA & SONS MASONRY JIM CELAYA	(602) 276-1930 MBE	638 W. CHIPMAN PHOENIX, AZ 85041-
MASONRY CONTRACTORS	RIVERA MASONRY, INC. ALBERTO RIVERA	(602) 252-3113 MBE	1704 W. LINDEN ST. PHOENIX, AZ 85007-2025
MASS TRANSIT PLANNING	MANUEL PADRON & ASSOCIATES SUE McCLUSKEY	(404) 873-3206 MBE	1175 PEACHTREE ST.,NE,#414 ATLANTA, GA 30361-
MECHANICAL & UTILITY CONSTRUCTION	DALLAGO CORPORATION DAVID DALLAGO, JR.	(505) 722-6638 MBE	2411 EAST AZTEC GALLUP, NM 87301-
MECHANICAL,PLUMBING,ELETRICAL CONTR.	NORTHRIDGE MECHANICAL, INC. DANIEL A. ORTEGA	(602) 861-2511 MBE	601 W. BELMONT AVE. PHOENIX, AZ 85021-
MECHANICAL/HVAC	RAMIREZ MECHANICAL SYSTEMS, INC. CARLOS Y. RAMIREZ	(602) 244-8994 MBE	3308 E. MADISON PHOENIX, AZ 85034-
MEDICAL & PERSONAL CARE SUPPLIER	AGINCOURT JANET HEANEY	(516) 538-8735 WBE	368 HAMILTON AVE WEST HEMPSTEAD, NY 11552-
MEDICAL EMERGENCY MEDICINE	PATRICIA A. BAYLESS, M.D. DR. PATRICIA A. BAYLESS	(602) 267-5418 WRE	P.O. BOX 5099 PHOENIX, AZ 85019-
MEDICAL EMERGENCY MEDICINE	SUSAN GIN-SHAW, M.D. DR. SUSAN GIN-SHAW	(602) 957-4044 M/WRE	2345 E. THOMAS RD., #310 PHOENIX, AZ 85016-
MEDICAL GENERAL	VLADIMIR TROCHE, M.D. MARY MENCHACO	(602) 561-8636 MBE	6525 W. SACK DR., #208 GLENDALE, AZ 85308-
MEDICAL OB/GYN	GLENN KISHI, M.D. DR. GLENN KISHI	(602) 244-1659 MBE	2255 N. 44TH ST. PHOENIX, AZ 85008-
MEDICAL OB/GYN	LINDA CHAMBLISS, M.D. DR. LINDA CHAMBLISS	(602) 244-1659 WRE	2255 N. 44TH ST. PHOENIX, AZ 85008-

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MEDICAL OB/GYN	PATRICIA AGRAHAM, M.D. DR. PATRICIA AGRAHAM	(602) 244-1659 WBE		2255 N. 44TH STREET PHOENIX, AZ 85008-
MEDICAL PATHOLOGIST	JEAN S. MUYAKC, M.D. DR. JEAN S. MUYAKC	(602) 267-5501 WBE		P.O. BOX 5099 PHOENIX, AZ 85010-
MEDICAL PATHOLOGY	R.GEELHA NAIR, M.D. DR. R.GEELHA NAIR	(602) 265-5946 M/WBE		2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL PEDIARTICS	SUSAN STEPHENS-GROFF, M.D. DR. SUSAN STEPHENS-GROFF	(602) 267-5404 WBE		2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL PEDIATRIC SERVICES	JULIA KELLY, M.D. DR. JULIA KELLY	(602) 267-5404 WBE		2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL PEDIATRICS	EMILY POLLACK, M.D. DR. EMILY POLLACK	(602) 267-5404 WBE		2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL PEDIATRICS	LOUANNE HUDGINS, M.D. DR. LOUANNE HUDGINS	(602) 267-5404 WBE		2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL PEDIATRICS	MARY RIMSZA, M.D. DR. MARY RIMSZA	(602) 267-5404 WBE		2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL PEDIATRICS	REBECCA WOOD, M.D. DR. REBECCA WOOD	(602) 267-5404 WBE		2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL PEDIATRICS	ROXANNE HECHT, M.D. DR. ROXANNE HECHT	(602) 267-5404 WBE		2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL PEDIATRICS	SHEILA GAHAGAN, M.D. DR. SHEILA GAHAGAN	(602) 267-5404 WBE		2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL PEDIATRICS	SURESH LAL, M.D. DR. SURESH LAL	(602) 267-5404 MBE		2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL PEDIATRICS	SUSAN GEREN, M.D. DR. SUSAN GEREN	(602) 267-5404 WBE		2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL PEDIATRICS	SYLVIA STRICKLAND, M.D. DR. SYLVIA STRICKLAND	(602) 267-5404 WBE		2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL PSYCHIATRY	MARLIES VORSTEN, M.D. DR. MARLIES VORSTEN	(602) 376-3025 WBE		P.O. BOX 17915 FOUNTAIN HILLS, AZ 85269-
MEDICAL PSYCHIATRY	MARTA BUNUEL - JORDANA, M.D. DR. MARTA BUNUEL - JORDANA	(602) 267-5281 M/WBE		3601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL PULMONARY MEDICINE	SAHBA E. MA'ANI, M.D. DR. SAHBA E. MA'ANI	(602) 225-5660 MBE		2601 E. ROOSEVELT PHOENIX, AZ 85008-

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MEDICAL SERVICE CARDIOLOGY	RAJUL PATEL, M.D. DR. RAJUL PATEL	(602) 225-5660 MBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL SERVICES	ADELE M. O'SULLIVAN, M.D. DR. ADELE M. O'SULLIVAN	(602) 956-5219 WBE	3445 N. 36TH ST., #37 PHOENIX, AZ 85018-
MEDICAL SERVICES	ANA ELIZABETH ORTIZ DE VALDEZ, M.D. ANA ELIZABETH ORTIZ DE VALDEZ	(602) 371-1665 MBE	1749 W. BUTLER DR. PHOENIX, AZ 85021-
MEDICAL SERVICES	ANN LAFOND YOUNG M.D., P.C. ANN LAFOND YOUNG	(602) 994-0322 WBE	4116 N. 65TH ST. SCOTTSDALE, AZ 85251
MEDICAL SERVICES	CLAUDIO C. SABAL, M.D. P.C. DR. CLAUDIO C. SABAL	(602) 431-1453 MBE	2700 W. BASELINE RD., #129 TEMPE, AZ 85282-
MEDICAL SERVICES	FRANCISCO PENA, M.D. DR. FRANCISCO PENA	(602) 248-8342 MBE	5040 N. 15TH AVE, #301 PHOENIX, AZ 85015-
MEDICAL SERVICES	GALE STEINHAUSER, M.D. GALE STEINHAUSER	(602) 256-5533 WBE	225 W. MADISON ST. PHOENIX, AZ 85003
MEDICAL SERVICES	JANA ROHANAN MANGALAT, M.D. DR. JANA ROHANAN MANGALAT	(602) 225-5660 MBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL SERVICES	KIM HOOVER, M.D. DR. KIM HOOVER	(602) 267-5333 WBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL SERVICES	TERE BUCKSTEIN, M.D. DR. TERE BUCKSTEIN	(602) 267-5404 WBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL SERVICES CYTOLOGY	ARLENE H. STONEY, M.D. DR. ARLENE STONEY	(602) 464-1394 WBE	12401 N. 37TH WAY PHOENIX, AZ 85032-
MEDICAL SERVICES DERMATOLOGY	GOSIA NOWAK, M.D. DR. GOSIA NOWAK	(602) 225-5660 WBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL SERVICES DIAGNOSTIC	RENATO M. SANTOS, M.D. DR. RENATO M. SANTOS	(602) 267-5361 MBE	P.O. BOX 5099 PHOENIX, AZ 85010-
MEDICAL SERVICES ENDOCRINOLOGY	SYDNEY WESTPHAL, M.D. DR. SYDNEY WESTPHAL	(602) 225-5660 WBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL SERVICES INFECTIOUS DISEASES	VIPUL SINGH, M.D. DR. VIPUL SINGH	(602) 225-5660 MBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL SERVICES INTERNAL MEDICINE	JAYNE PETERSON, M.D. DR. JAYNE PETERSON	(602) 225-5660 WBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL SERVICES INTERNAL MEDICINE	LORNA RODRIGUES, M.D. DR. LORNA RODRIGUES	(602) 225-5660 M/WBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-

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MEDICAL SERVICES INTERNAL MEDICINE	MARCELA MOFFTT, M.D. DR. MARCELA MOFFITT	(602) 225-5660 WBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL SERVICES PSYCHIATRY	CAROL J. KLINE, M.D. DR. CAROL KLINE	(602) 340-8010 WBE	101 N. 7TH ST., #262 PHOENIX, AZ 85034-
MEDICAL SERVICES PSYCHOLOGY	LYDIA J. COHAN, M.D. DR. LYDIA J. COHAN	(602) 267-5281 M/WBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL SERVICES RADIOLOGY	ELIZABETH ANN PEARCY, M.D. DR. ELIZABETH ANN PFARCY	(602) 267-5361 WBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL SERVICES RADIOLOGY	PETRONIO T. LERONA, M.D. DR. PETRONIO T. LERONA	(602) 267-5333 MBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL SERVICES RHEUMATOLOGY	CATHERINE HARMON, M.D. DR. CATHERINE HARMON	(602) 255-5660 WBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL TEMPORARY PERSONEL	TEMPORARY TECHS OF ARIZONA GARNET ISREAL	(602) 990-8629 WBE	3260 N. HAYDEN RD., #201 SCOTTSDALE, AZ 85251-
MEDICAL, PATHOLGY	FELIPE U. LIN, M.D. FELIPE U. LIM	(602) 267-5501 MBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL, PATHOLOGY	HARLLCRISNA R. DAVE, M.D. DR. HALLCRISNA R. DAVE	(602) 267-5501 MBE	2601 E. ROOSEVELT PHOENIX, AZ 85008-
MEDICAL, PATHOLOGY SERVICES	GLORIA E. CASTRO, M.D. DR. GLORIA E. CASTRO	(602) 267-5501 MBE	P.O. BOX 1913 LICHFIELD PARK, AZ 85340-
MEDICAL, PSYCHIATRIC SERVICES	ELIZABETH YAGER, M.D., P.C. DR. ELIZABETH YAGER	(602) 267-5946 WBE	1917 E. LA VIEVE LN. TEMPE, AZ 85284
MEDICAL, PSYCHIATRIC SERVICES	HILDA S. AMATO, M.D. DR. HIDA S. AMATO	(602) 840-5845 WBE	4519 E. PALO VERDE DR. PHOENIX, AZ 85018
MEDICAL, PSYCHIATRIC SERVICES	MARY ANN PICARDO, D.O. DR. MARY ANN PICARDO	(602) 231-6909 WBE	P.O. BOX 39985 PHOENIX, AZ 85069
MEDICAL, PSYCHIATRIC SERVICES	REGINA LAWLESS, M.D. DR. REGINA LAWLESS	(602) 954-7899 WBE	7119 E. FIRST AVE. SCOTTSDALE, AZ 85251
MEDICAL, PSYCHIATRIC SERVICES	SANDRA FIGUEROA, M.D. DR. SANDRA FIGUEROA	(602) 371-8225 WBE	7219 N. 23RD PLACE PHOENIX, AZ 85020-
MEDICAL, PSYCHOLOGICAL SERVICES	NAEEM PATHAN, M.D. DR. NAEEM PATHAN	(602) 935-2476 MBE	5862 E. KATHLEEN SCOTTSDALE, AZ 85254-
MEDICAL, PSYCHOLOGICAL SERVICES	PERLA GABUYA, M.D. DR. PERLA GABUYA	(602) 276-0163 MBE	4420 S. 32ND STREET PHOENIX, AZ 85040

MARICOPA COUNTY
 MINORITY/WOMEN-OWNED BUSINESS OFFICE
 LIST OF CERTIFIED FIRMS SORTED BY BUSINESS TYPE

01/11/94

Business Type	Firm Contact Name	Phone M/WBE Status	Address
MEDICAL/PSYCHIATRY	LEONARDO GARCIA-BUNUEL, M.D. LEONARDO GARCIA-BUNUEL	(602) 256-5302 MBE	437 E. MARIFOLD LN. TEMPE, AZ 85281
MESSENGER SERVICE	AERO MESSENGER, INC. KAREN NEES	(602) 253-2229 WBE	P.O. BOX 25369 PHOENIX, AZ 85002-
MICROCOMPUTER TRAINING & COURSE DEVELOP.	TRAINING A LA CARTE JANET CORBOSIERO	(602) 224-9912 WBE	2111 E. HIGHLAND #250 PHOENIX, AZ 85016-
MICROGRAPHIC PRODUCTS	MIPRO INTERNATIONAL, CORP. JANET ROTTENBERG	(602) 991-3673 WBE	7360 E. ACOMA DR. #7 SCOTTSDALE, AZ 85260-
MOBILE FLEET CLEANING	CLARK'S JESSIE CLARK	(602) 273-7407 MBE	1363 E. STEPHENS DR. TEMPE, AZ 85283-
NEWSPAPER	ARIZONA INFORMANT CHARLES CAMPFELL	(602) 257-9300 MBE	1746 EAST MADISON STREET #2 PHOENIX, AZ 85034-
NEWSPAPER ADVERT., PUBLISH., ART DESIGN	EL SOL DE ARIZONA RAY R. FLORES	(602) 234-3464 MBE	4001 N. 3RD ST. #465 PHOENIX, AZ 85012-
OFFICE ADMINISTRATION	PATRICIA BROWN BUSINESS SERVICES PATRICIA BROWN	(602) 946-3732 WBE	8338 E. MEDOWBROOK SCOTTSDALE, AZ 85251-
OFFICE FURNITURE SALES	D & R OFFICE FURNITURE LAURA RUIZICH	(602) 271-9721 MBE	525 E. McDOWELL RD. PHOENIX, AZ 85004-
OFFICE FURNITURE SALES & SERVICE	VALDEZ OFFICE ENVIRONMENTS, INC. ERNEST J. SALAZAR	(602) 437-0999 MBE	2850 S. 36TH. STREET PHOENIX, AZ 85034-
OFFICE SUPPLIES	ALL AMERICAN OFFICE PRODUCTS, INC. ANTONIA M. GUTIERREZ	(602) 979-9570 MBE	8301 W. WASHINGTON PEORIA, AZ 85345-
OFFICE SUPPLIES	OASIS OFFICE PRODUCTS, INC. STEPHEN L. GLOVER	(213) 938-6211 MBE	P.O. BOX 19069 LOS ANGELES, CA 90019-
PAINTING CONTRACTOR	LUCERO PAINTING ELI LUCERO	(602) 491-4737 MBE	2942 E. NORCROFT ST. MESA, AZ 85213-
PAINTING, COMMERCIAL/INDUSTRIAL	SERRANO PAINTING OSCAR SERRANO	(602) 962-9088 MBE	535 W. IRON AVE., STE 108 MESA, AZ 85210-
PAINTING, SANDBLASTING	COLORCOR PAINTING, INC. MARK A. BONG	(602) 352-0055 MBE	301 N. 37TH DR., #109 PHOENIX, AZ 85009-
PARATRANSIT AUTOMATED SCHEDULING SYS.	ON LINE DATA PRODUCTS, INC. MARSHA L. MOORE	(602) 483-3822 WBE	14255 N. 79TH STREET #7 SCOTTSDALE, AZ 85260-
PAVEMENT MARKING	TRAFFIC MARKING & STRIPING, INC. KATHLEEN C. SWANSTON	(602) 968-2504 WBE	P.O. BOX 1977 TEMPE, AZ 85280-

MARICOPA COUNTY
 MINORITY/WOMEN-OWNED BUSINESS OFFICE
 LIST OF CERTIFIED FIRMS SORTED BY BUSINESS TYPE

01/11/94

Business Type	Firm Contact Name	Phone M/WBE Status	Address
PAVING & GRADING	EAGLE ASPHALT & OIL, INC. MANUEL M. SAVALA	(602) 934-9893 MBE	P.O. BOX 3576 GLENDALE, AZ 85311-3576
PAVING & GRADING	GLENDALE PAVING CORP. FRANK LOZANO	(602) 939-2215 MBE	5719 W. MCLELLAN GLENDALE, AZ 85301-
PAVING & GRADING GEN. CONTRACTING	ARIZONA BITUMALS MIGUEL MIRANDA	(602) 936-8708 MBE	P.O. BOX 48714 PHOENIX, AZ 85075-
PAVING AND GRADING CONSTRUCTION	PUEBLO GRANDE CONSTRUCTION CO. JOSEPH AVINA	(602) 566-1469 MBE	8855 W. AVENIDA DEL SOL PEORIA, AZ 85382-
PAVING ASPHALT, EXCAVATION & CHIP SEAL	A & S PAVING, INC. SAL PEDREGON	(602) 622-6603 MBE	527 W. 29TH STREET TUCSON, AZ 85713-
PEDIATRIC CRITICAL CARE	PAUL H. LIO, M.D. DR. PAUL H. LIO	(602) 239-3563 MBE	1111 E. MCDOWELL RD. PHOENIX, AZ 85201-
PEST CONTROL SERVICE	NO BUGS ALLOWED TERMITE & PEST EDDIE MANCIET	(602) 863-4408 MBE	P.O. BOX 32422 PHOENIX, AZ 85029-
PHARMACY RELIEF SERVICE (TEMP PERSNL.)	SCRIPTS RELIEF, INC. MICHELLE MCCARVILLE	(602) 952-8604 WBE	4424 E. OSBORN, #1 PHOENIX, AZ 85018-
PHOTOCOPIER, FAX, FURNITURE & SUPPLIES	CACTUS COPIER SUPPLIES LINDA THRASHER	(602) 994-8624 WBE	14435 N. SCOTTSDALE RD. STE # SCOTTSDALE, AZ 85254-
PLUMBING SERVICE AND REMODELING	APACHE PLUMBING SERVICES, INC. PAUL A. GARCIA	(602) 381-1525 MBE	2807 N. 24TH STREET PHOENIX, AZ 85008-
POLICE OFFICERS FOR TRAFFIC CONTROL	RIGHT CHOICE PAULINE ROYRAL	(602) 375-5323 WBE	P.O. BOX 37011 PHOENIX, AZ 85069-
POLICE OFFICERS FOR TRAFFIC CONTROL	RIGHT CHOICE TOO PAULINE ROYRAL	(602) 875-5323 WBE	P.O. BOX 3711 PHOENIX, AZ 85069-
POWER SWEEPING, ASPHALT REPAIRS & INSTALL.	B & B POWER SWEEPING BILLY J. BRYANT	(602) 899-1442 MBE	P.O. BOX 788 CHANDLER, AZ 85224-
PRINTER, OFFSET, GRAPHICS	MOUNTAIN STATES PRINTING SUSAN BUSHMAKER	(602) 269-3219 WBE	1408 N. 27TH LANE PHOENIX, AZ 85009-
PRINTING & BINDING	MULTI-NATIONAL PRINTING PAUL BRANT	(602) 274-4515 MBE	6009 N. 16TH ST. PHOENIX, AZ 85016-
PRINTING PRODUCTS -BLUE PRINTING	ACME BLUEPRINT & PHOTOCRAFT CO. INC. G. MICHAEL MCQUEEN	(602) 254-6171 WBE	1425 N. FIRST STREET PHOENIX, AZ 85004-
PRODUCTION GRAPHICS	COMPUTER COUNTRY, INC. ANTOINETTE MOSBY	(602) 451-7765 WBE	11343 N. 129TH WAY SCOTTSDALE, AZ 85259-

MARICOPA COUNTY
 MINORITY/WOMEN-OWNED BUSINESS OFFICE
 LIST OF CERTIFIED FIRMS SORTED BY BUSINESS TYPE

01/11/94

Business Type	Firm Contact Name	Phone M/WRE Status	Address
PROJECT MANAGEMENT SOFTWARE	ORIGINAL SOLUTIONS, INC. J.P. NARDIN	(602) 894-5415 WBE	1969 E. BROADWAY, #2 TEMPE, AZ 85282-
PSYCHOLOGICAL COUNSELING	MARGARET E. MARSHALL, P.C. MARGARET MARSHALL, PHD.	(602) 264-5678 WBE	777 E. MISSOURI, #121 PHOENIX, AZ 85014-
PSYCHOLOGICAL SERVICES	JANET MILLARD, PH.D. DR. JANET MILLARD	(602) 730-6720 WBE	955 E. WATSON TEMPE, AZ 85283-
PSYCHOLOGICAL SERVICES	JEFFREY M. ESTRADA, PH.D. DR. JEFFREY M. ESTRADA	(602) 954-5667 MBE	P.O. BOX 17564 PHOENIX, AZ 85011
PSYCHOLOGICAL SERVICES	ZELDA HITTEL P.C. DR. ZELDA HITTEL	(602) 955-3482 WBE	5249 N. 37TH PLACE PARADISE VALLEY, AZ 85253
PSYCHOLOGIST	ANNE E. HARRIS, PHD DR. ANNE E. HARRIS	(602) 548-3937 WBE	1201 S. ALMA SCHOOL RD., #6950 MESA, AZ 85210-
PUBLIC INFORMATION RELATIONS	RH & ASSOCIATES RENEE L. HOEKSTRA	(602) 493-1947 WBE	4001 E. BELL RD., #114 PHOENIX, AZ 85032-
PUBLIC RELATIONS CONSULTANT	KATHERINE CHRISTENSEN & ASSOCIATES KATHERINE CHRISTENSEN	(602) 759-7883 WBE	3239 E. COTTONWOOD LN., #100 PHOENIX, AZ 85044-
PUBLIC RELATIONS FIRM	APPLIED MANAGEMENT & PLANNING GROUP	(310) 820-0741 WBE	12300 WILSHIRE BLVD., #430 LOS ANGELES, CA 90025-
PUBLIC RELATIONS SERVICES	ARIZONA CONSTRUCTION SERVICES TERRI SMITH	(602) 264-4611 WBE	738 E. FLYNN LANE, #A PHOENIX, AZ 85014-
PUBLIC RELATIONS SPECIALIST	PROJECT INFORMATION ASSOCIATES GARETH D. LEWIS	(602) 241-1818 MBE	77 E. COLUMBUS AVE. #202 PHOENIX, AZ 85012-
PUBLIC RELATIONS, MARKETING	VILLICANA & ASSOCIATES REBECCA VILICANA	(602) 265-7350 MBE	716 E. CLAREMONT PHOENIX, AZ 85014-
REAL ESTATE APPRAISAL & CONSULTATION	DENNIS LOPEZ & ASSOCIATES DENNIS L. LOPEZ	(602) 838-7332 MBE	4703 S. LAKESHORE DR., #1 TEMPE, AZ 85282-
REAL ESTATE BROKERAGE	PROPERTY DIMENSIONS, LTD. CATH HAIRE-WILKINSON	(602) 241-1404 WBE	6520 N. 7TH ST. #185 PHOENIX, AZ 85014-
REAL ESTATE BROKERAGE, PROPERTY MANAGE	ENTERPRISE 2000, INC. DANIEL VALENZUELA	(602) 254-1800 MBE	809 N. FIFTH AVE PHOENIX, AZ 85003-
REAL ESTATE SERVICES	E.D. REAL ESTATE E. DARLENE GRIEGER	(602) 964-4277 WBE	P.O. BOX 5580 MESA, AZ 85211-
REAL ESTATE SPECIALIST	G.H. BENAVIDES CONSULTANTS SERVICE GED H. BENAVIDES	(602) 930-1312 MBE	6822 N. 58TH AVE. GLENDALE, AZ 85301-

MARICOPA COUNTY
 MINORITY/WOMEN-OWNED BUSINESS OFFICE
 LIST OF CERTIFIED FIRMS SORTED BY BUSINESS TYPE

01/11/94

Business Type	Firm Contact Name	Phone M/WBE Status	Address
REBAR PLACEMENT	SUNDANCE REBAR, INC. LEAH E. WINCHESTER	(602) 926-3341 WBE	1520 W. WARNER RD. #106/127 GILBERT, AZ 85234-
REBAR STEEL PLACEMENT	ENDO STEEL, INC. GARY WERLINGER	(602) 969-4571 MBE	P.O. BOX 30516 MESA, AZ 85275-
RECORDS MANAGEMENT SERVICE	ARMSTRONG DATA SERVICES, INC. JACK C. PRISTER	(602) 527-7969 MBE	2 N. CENTRAL AVE., #1250 PHOENIX, AZ 85004-
RESPIRATORY THERAPY PERSONNEL	PROFESSIONAL RESPIRATORY CARE SVS., INC. JEAN MATHEWS	(602) 277-0753 WBE	2255 N. 44TH ST., #160 PHOENIX, AZ 85008-
RUBBER STAMPS SALES & SERVICE	EAGLE RUBBER STAMP CO. LUD KAMRADT	(602) 842-9323 WBE	8021 N. 43RD AVE., #1 PHOENIX, AZ 85051-5700
SALES & SERVICE OF OUTDOOR POWER EQUIP.	EVERGREEN BIKE & LAWN EQUIPMENT PAT RITCHEY	(602) 932-0060 WBE	880 E. VAN BUREN Suite #102 GOODYEAR, AZ 85338
SALES OF AUTO REFINISHING PRODUCTS	FIESTA AUTOMOTIVE PAINT & SUPPLY, INC. ALBERT G. RUIZ	(602) 829-8896 MBE	2090 E. UNIVERSITY, #106 TEMPE, AZ 85281-
SALES OF TELEPHONE EQUIPMENT	J.M.H. COMMUNICATIONS, INC. JOAN HOWARD	(602) 966-7298 WBE	325 E. SOUTHERN AVE. #111 TEMPE, AZ 85282-
SALES, DESIGN OF SECURITY SYSTEMS	CENTRON SECURITY SYSTEMS, INC. KAREN KING	(908) 968-1143 WBE	P.O. BOX 4322 DUNELLEN, NJ 08812-
SHORING & SCAFFOLDING CONTRACTOR	SUN-SET FALSEWORK ROLANDO TANNOYA	(602) 949-9246 MBE	2643 N. GRANITE REEF RD. SCOTTSDALE, AZ 85257-
SHOTCRETE PLACEMENT	SHOTCRETE SPECIALTIES MICKEY M. GARNER	(602) 838-7412 WBE	14901 S. 48TH ST. PHOENIX, AZ 85044-
SIGNS MANUFACTURER	ALL SIGN SYSTEMS TINA LOCKWOOD	(602) 230-0614 WBE	4029 N. 31ST AVE. PHOENIX, AZ 85017-
SIGNS, FRAMES, SCREENPRINTING	SIGN CITY DEBRA J. HEIDRICH	(602) 881-8443 WBE	2727 E. GRANT RD. TUCSON, AZ 85716-
SILK-SCREEN PRINTING	BUCK-SHIRTS TRAVIS BENTON	(602) 264-5696 MBE	130 W. PIERSON PHOENIX, AZ 85013-
SNACK FOOD WHOLESALER & MANUFACTURER	ROCKING JC SOUTHWEST FOODS SUSAN CARRASCO	(602) 596-0014 MBE	7441 E. BUTHERUS #500 SCOTTSDALE, AZ 85260-
SPORTING GOODS RETAIL/WHOLESALE	WAREHOUSE SPORTS & RECREATION IRENE ECHEVESTE	(602) 820-8533 MBE	3415 S. McCLINTOCK, #6 TEMPE, AZ 85282-
STORYTELLER, PERFORMING ARTS	PAT MAHIN, MASTER STORYTELLER PATRICIA MAHIN	(602) 860-4123 WBE	8995 E. CAPTAIN DREYFUS SCOTTDALE, AZ 85260-

MARICOPA COUNTY
 MINORITY/WOMEN-OWNED BUSINESS OFFICE
 LIST OF CERTIFIED FIRMS SORTED BY BUSINESS TYPE

01/11/94

Business Type	Firm Contact Name	Phone M/WBE Status	Address
STRATEGIC PLANNING CONSULTANTS	PARTNERS FOR STRATEGIC ACTION PEGGY A. FIANDACA	(602) 786-3583 WBE	1990 N. ALMA SCHOOL RD., #371 CHANDLER, AZ 85224-
SUPPLIER OF INDUSTRIAL EQUIPMENT	INDUSTRIAL SALES & SERVICE, CO. JOANNE P. FEEMAN	(702) 456-5357 WBE	12 SUNSET WAY #B-206 HENDERSON, NV 89014-
SUPPLIER OF NATIVE SEEDS	WILD SEED, INC. RITA JO ANTHONY	(602) 345-0669 WBE	2073 EAST ASU CIRCLE TEMPE, AZ 85284-
SURVEYING, AERIAL CONTROL	VALCO SURVEYING CORP. VALENTINE M. PADILLA	(602) 990-2412 MBE	6426 E. VIRGINIA AVENUE SCOTTSDALE, AZ 85257-
SURVEYING; CIVIL, STRUCTURAL ENGINEERING	LOUIS C. WARNER & COMPANY LOUIS C. WARNER	(602) 990-3008 MBE	4422 N. CIVIC CENTER PLAZA #10 SCOTTSDALE, AZ 85251-
TAXI SERVICE	ALPHA CAB COMPANY JAMES AMOAKO	(602) 936-7007 MBE	8826 W. ENCANTO BLVD. PHOENIX, AZ 85037-
TEMP. EMPLOYMENT SERVICE	PRIORITY STAFFING RICK SCHULTE	(602) 491-2191 MBE	4600 S. MILL AVE., #275 TEMPE, AZ 85282-
TRAFFIC ENGINEERING	SOLAEGUI ENGINEERS, LTD. PAUL W. SOLAEGUI	(702) 358-1004 MBE	2100 CAPURRO WAY, #F 2ND FL. SPARKS, NV 89431-
TRAINING AND MANAGEMENT CONSULTING	VICKI ROMERO & ASSOCIATES, INC. VICKI ROMERO	(602) 483-8722 WBE	P. O. Box 5167 SCOTTSDALE, AZ 85261-
TRAINING SYSTEMS DESIGN	RICKENBACKER AVIATION, INC. JACQUELINE RICKENBACKER	(602) 396-4067 WBE	P.O. BOX 20517 MESA, AZ 85277-0517
TRANSPORTATION PLANNING	TRANSPORTATION CONSULTING MDA, INC. MARSHA D. ANDERSON	(404) 813-0882 WBE	3400 McCLURE BRIDGE BLD.#6C DULUTH, GA 30136-
TRASP.PLANNING,COMMUNITY PARTICIPATION	PM:A/PLANNING & MANAGMENT APPLIED FIL A. CHAVEZ	(602) 885-9283 MBE	1150 N. EL DORADO PLACE, #245 TUCSON, AZ 85715-
TRAVEL AGENCY	ALL WAY TRAVEL KAREN ROSE ROICE	(602) 866-9297 WBE	13601 N. 19TH AVE. PHOENIX, AZ 85029-
TRAVEL AGENCY, FULL SERVICE	MOON VALLEY TRAVEL SERVICE, INC DEBRA L MARTIN	(602) 866-1950 WBE	13240 N. 7TH ST E-2 PHOENIX, AZ 85022-
TRAVEL SERVICE	NATIVE AMERICAN TRAVEL SERVICE TANDY C. YOUNG	(602) 945-0771 MBE	4130 N. GOLDWATER BLVD. #114 SCOTTSDALE, AZ 85251-
TREE CUTTING	THE MARCHAND COMPANY SUSAN E. TASSO	(602) 981-7365 WBE	761 N. REGENT ST. MESA, AZ 85205-
TRUCKING	HARRIS & SONS TRUCKING ETHEL R. HARRIS	(602) 892-9009 WBE	P.O. BOX 741 GILBERT, AZ 85234-

MARICOPA COUNTY
 MINORITY/WOMEN-OWNED BUSINESS OFFICE
 LIST OF CERTIFIED FIRMS SORTED BY BUSINESS TYPE

01/11/94

Business Type	Firm Contact Name	Phone M/WBE Status	Address
TRUCKING	M & P CONTRACTING, INC. ANN HARDIN	(602) 278-7877 WBE	3425 N. 29TH AVE. PHOENIX, AZ 85017-
TYPESETTING, LAYOUT & DESIGN	DUOTYPE SERVICES, INC. ROSANNE ARMIJO	(602) 222-9494 MBE	3030 N. CENTRAL AVE., #101 PHOENIX, AZ 85012-
TYPING, WORD PROCESSING, REPORT PREP.	MACWORD PRO DEBBIE N. CLIFFORD	(602) 844-1648 WBE	816 N. STANDAGE MESA, AZ 85201-
UNDERGROUND UTILITIES, CONTRACTOR	BANNER CONSTRUCTION COMPANY, INC. RUTH G. JUAREZ	(602) 936-1931 MBE	6805 W. VAN BUREN PHOENIX, AZ 85043-
URBAN & LAND PLANNING, CIVIL ENGINEERING	DAVA & ASSOCIATES, INC. DAVA Z. HOFFMAN	(602) 778-7587 WBE	310 E. UNION STREET PRESCOTT, AZ 86303-
URBAN ECONOMIST, MARKET, FISCAL ANALYSIS	GRUEN GRUEN + ASSOCIATES CLAUDE GRUEN	(415) 989-4224 MBE	564 HOWARD STREET SAN FRANCISCO, CA 94105-
VENDING EQUIPMENT	TRIPLE J. UNITED VENDING COMPANY JULIA Z. TSAO	(602) 940-8634 M/WBE	4553 E. THISTLE LANDING DR. PHOENIX, AZ 85044-
WATER SEWER DRAINS	ALL TERRAIN PIPELINE CONSTRUCTION L.L.C. SANDRA L. LAKE	(602) 257-1737 WBE	2646 S. 19TH AVE. PHOENIX, AZ 85009-
WELDING CONTRACTOR	MORENO WELDING DANIEL MORENO	(602) 276-9508 MBE	P.O. BOX 8096E PHOENIX, AZ 85040-
WELDING SUPPLIES & GASES	TRI-M WELDING SUPPLY CORP., ACC BARBRA A. MARTIN	(602) 435-2622 WBE	P.O. BOX 14176 PHOENIX, AZ 85063-
WHOLESALE DISTRIBUTOR OF MECH.FASTENERS	SOUTHWEST FASTENER DISTRIBUTION CO. CATHERINE E. FILIPPONE	(602) 272-2658 WBE	4035 W. VAN BUREN PHOENIX, AZ 85009-
WINDOW COVERING	DESERT BLINDS & WINDOW DESIGNS ANNE MICHALS	(602) 940-8385 WBE	4909 W. JOSHUA BLVD, #1013 CHANDLER, AZ 85226-
WINDOW COVERING CLEANING	DESERT BLIND CLEANING ANNE MICHALS	(602) 273-5822 WBE	4009 W. JOSHUA BLVD., #1013 CHANDLER, AZ 85226-
WINDOW COVERINGS	BLIND IDEAS & INTERIORS, INC. TAMARA L SNIDER	(602) 246-1913 WBE	P.O. BOX 42646 PHOENIX, AZ 85080-
WORD PROCESSING SUPPLIES	CASCADE BUSINESS SUPPLY MEL MEEKS	(602) 897-2431 MBE	999 E. BASELINE #1204 TEMPE, AZ 85283-

ATTENTION

ALL PROSPECTIVE BIDDERS

A.R.S. Sec. 34-201 now requires that construction bid proposals be accompanied by a certified check, cashier's check or surety bond for ten percent (10%) of the total amount of the bid.

All bonds must be executed solely by a surety company or companies holding a certificate of Authority to transact surety business in Arizona, issued by the Director of the (State) Department of Insurance.

Bonds (bid, payment and performance) executed by an individual surety or sureties are not in compliance with the Arizona Revised Statutes.

Bids received containing bid bonds not in compliance with the Arizona Revised Statutes will be considered as being non-responsive. The use of County-supplied bond forms is encouraged, but is not mandatory.

Please submit your bids accordingly.

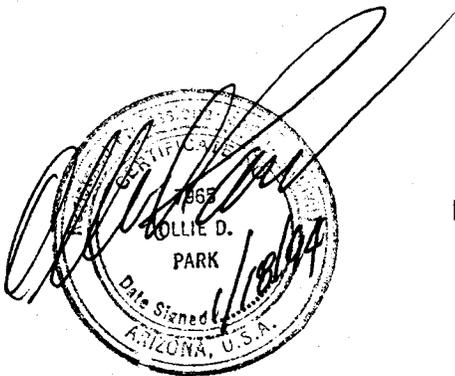
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FCD CONTRACT 93-48

PLATING OF ACCESS ROAD AND BANK PROTECTION FOR EAST MARICOPA FLOODWAY REACH-4

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(Area to left reserved for
Engineer's Seal)

**FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
INVITATION TO BID**

BID OPENING DATE:

February 10, 1994

LOCATION:

East Maricopa Floodway (EMF) Reach 4 from Queen Creek Road to Williams Field Road.

PROPOSED WORK:

This project provides for Gravel Plating of Operation and Maintenance Roads on both sides of EMF Reach 4; furnishing and placing crushed gravel cover on the channel slopes.

BIDS:

SEALED BIDS for the proposed work will be received by the Flood Control District of Maricopa County, 2801 West Durango Street, Phoenix, Arizona 85009 until 2:00 p.m. (Phoenix time) on the above date and then publicly opened and read at 2801 West Durango Street, Phoenix, Arizona 85009. No bids will be received after the time specified for bid opening. All bids must be submitted on proposal forms furnished by the Flood Control District and included in the Proposal Pamphlet. The Board of Directors reserves the right to reject any and all bids and to waive any informality in any bid received.

ELIGIBILITY OF CONTRACTOR:

It is the policy of Flood Control District of Maricopa County to endeavor to ensure in every way possible that minority and women-owned business enterprises have every opportunity to participate in providing professional services, purchased goods, and contractual services without being discriminated against on the grounds of race, religion, sex, age, disability, or national origin.

The bidder shall be required to certify that it has the appropriate "A" Contractor's license in the State of Arizona to perform the before-mentioned type of work. Verification shall be on the form provided herein.

The bidder may be required to furnish an affidavit as evidence of previous satisfactory performance in the above-mentioned type of work.

CONTRACT TIME:

All work on this Contract is to be completed within SIXTY OF (60) calendar days after the effective date of the Notice to Proceed.

MBE/WBE PARTICIPATION:

For this contract, a MBE/WBE has not been established for Minority/Women-Owned Business Enterprises. Although a contract may not have a stated MBE/WBE goal, the utilization of MBE/WBE subcontractors/suppliers is governed by the MBE/WBE Program Contracting Requirements; instructions and required forms are included in the Minority and Women-Owned Business Enterprise Program Contracting Requirements section. The Maricopa County Minority and Women-Owned Business Enterprise Program, effective January 1, 1992, is incorporated by reference.

PRE-BID CONFERENCE:

A Pre-bid conference will be held on January 26, 1994 at 1:00 p.m. in the Flood Control District Adobe Room, 2801 West Durango Street, Phoenix, Arizona 85009. It is in the best interest of prospective bidders to attend the Pre-bid Conference.

Questions or items for clarification may be addressed to the Chief, Contracting Branch, in writing, at least ten (10) days prior to bid opening date. Where appropriate, any answers or clarifications affecting the cost may be addressed to all bidders in an addendum. Verbal interpretations, unless specifically addressed by addendum, shall not be binding nor have any legal effect.

PROJECT PLANS, SPECIAL PROVISIONS AND CONTRACT DOCUMENTS:

Plans and Construction Specifications may be obtained from Flood Control District of Maricopa County, 2801 West Durango Street, Phoenix, Arizona 85009 upon payment of \$10.00 by check, payable to the FLOOD CONTROL DISTRICT of MARICOPA COUNTY. This payment will not be refunded. Mail orders for project documents must include an additional \$7.50 for first class U.S. postage and handling. The total \$10.00 will not be refunded. Regardless of circumstances, we cannot guarantee mail delivery. Each bid must be accompanied by a Bid Bond, cashier's or certified check or postal money order equal to 10 percent (10%) of the bid, made payable to the FLOOD CONTROL DISTRICT OF MARICOPA COUNTY as a guarantee that if the work is awarded to the bidder, the bidder will within ten (10) days of receipt of the Proposal Acceptance, enter into proper contract and bond condition for the faithful performance of the work, otherwise, said amount may be forfeited to the said BOARD OF DIRECTORS as liquidated damages. The use of the District-supplied Bid Bond Form contained in the Specifications is required.

All bids are to be marked in accordance with Section 102.9 of the Uniform Standard Specifications and addressed to the Chief Engineer and General Manager, Flood Control District of Maricopa County, 2801 West Durango Street, Phoenix, Arizona 85009.

PRINCIPLE ITEMS AND APPROXIMATE QUANTITIES

QUANTITY	UNIT	DESCRIPTION
57,500	SY	GRAVEL ROAD SURFACING
135,500	SY	CRUSHED AGGREGATE COVER ON CHANNEL SLOPES

PROPOSAL

TO THE BOARD OF DIRECTORS
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
PHOENIX, ARIZONA

Gentlemen:

The following Proposal is made for TYPE OF PROJECT TO BE DONE, FCD 93-48, Plating of Access Road and Bank Protection for East Maricopa Floodway Reach-4 in the County of Maricopa, State of Arizona.

The following Proposal is made on behalf of

and no others. 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 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, Supplementary General Conditions, Special Provisions, Forms of Contract, Bonds, and Sureties 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, Construction Specifications, Special Provisions, Supplementary General Conditions, or conditions to be overcome, be pled. On the basis of the Plans, Construction Specifications, Special Provisions, Supplementary General Conditions, the Forms of Contract, Bonds, and Sureties 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 therefore, the sum of various products obtained by multiplying each unit price, herein bid for the work or materials, by the quantity thereof actually incorporated in the complete project, as determined by the Engineer or Architect.

The Undersigned understands that the quantities mentioned herein are approximate only 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.

The Undersigned further proposes to perform all extra work that may be required on the basis provided in the Specifications and to give such work personal attention and to secure economical performance.

The Undersigned further proposes to execute the Contract Agreement and furnish satisfactory Bonds and Sureties within ten (10) days of receipt of Notice of Proposal acceptance, **TIME BEING OF THE ESSENCE**. The Undersigned further proposes to begin work as specified in the Contract attached hereto, and to complete the work within **SIXTY DAYS (60) calendar days** from the effective date specified in the Notice to Proceed, and maintain at all times a Payment and Performance Bond, approved by the Board of Directors, each in an amount equal to one hundred percent of the contract amount. 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 Bonds and Sureties to be in full force and effect until the work is finally accepted and the provisions of the Plans, Specifications, and Special Provisions fulfilled.

A Proposal Guaranty in the amount and character named in the Invitation to Bid is enclosed amounting to not less than ten (10) percent of the total bid, which Proposal Guaranty is submitted as a guaranty of the good faith of the Bidder and 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 its Proposal, if the Proposal is accepted and there should be failure on the part of the Undersigned to execute the Contract and furnish satisfactory Bonds and Sureties 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.

The Undersigned acknowledges receipt of the following addenda, attached these to the bid package, and has included their provisions in the proposal:

Addendum No. _____ Dated _____
Addendum No. _____ Dated _____

The Undersigned has enclosed the required bid security to this Proposal.

IF BY AN INDIVIDUAL:

(NAME - PRINTED)

(SIGNATURE)

DATE

(ADDRESS)

(CITY, STATE, ZIP)

(PHONE)

IF BY A FIRM OR PARTNERSHIP:

(FIRM NAME)

(SIGNATURE/TITLE)

DATE

(FIRM ADDRESS)

(CITY, STATE, ZIP)

(PHONE)

* Name and Address of Each Member:

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

IF BY A CORPORATION:

(CORPORATE NAME)
BY: _____
TITLE: _____
DATE: _____

(CORPORATION ADDRESS)

(CITY, STATE, ZIP)

(PHONE)

** Incorporated under the Laws of the State of Aizona
Names and Addresses of Officers:

(PRESIDENT)

(SECRETARY)

(TREASURER)

(ADDRESS)

(ADDRESS)

(ADDRESS)

**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.

SUBCONTRACTOR LISTING

As required in Section 102.6 of the Supplementary General Conditions, the following is a listing of Subcontractors and material suppliers that are to be used in the event the undersigned should enter into contract with the Owner. No change in the subcontractors and material suppliers listed will be made unless first approved by the Owner.

(Signature) _____

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, _____, as Principal, (hereinafter called the Principal), and the _____, a corporation duly organized under the laws of the State of _____, as Surety, (hereinafter called the Surety), are held and firmly bound unto the Flood Control District of Maricopa County as Oblige, in the sum of **ten percent (10%)** of the total amount of the bid of Principal, submitted by him to the Flood Control District of Maricopa County, for the work described below, for the payment of which sum, well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, and administrators, successors and assigns, jointly and severally, firmly by these presents, and in conformance with the Arizona Revised Statutes.

WHEREAS, the said Principal is herewith submitting its proposal for FCD 93-48, Plating of Access Road and Bank Protection for East Maricopa Floodway Reach-4;

NOW, THEREFORE, if the Oblige shall accept the proposal of the Principal and the Principal shall enter into a contract with the Oblige in accordance with the terms of the proposal and give the Bonds and Certificates of Insurance as specified in the Standard Specifications with good and sufficient Surety for the faithful performance of the contract and for the prompt payment of labor and material furnished in the prosecution of the contract, or in the event of the failure of the Principal to enter into the contract and give such Bond and Certificates of Insurance, if the Principal pays to the Oblige the difference not to exceed the penalty of the bond between the amount specified in the proposal and such larger amount for which the Oblige may in good faith contract with another party to perform the work covered by the proposal then this obligation is void. Otherwise it remains in full force and effect, provided, however, that this bond is executed pursuant to the provisions of Section 34-201, Arizona Revised Statutes, and all liabilities on this bond shall be determined in accordance with the provisions of the section to the extent as if it were copied at length herein.

Signed and sealed this ____ day of _____, A.D., 1994.

AGENCY OF RECORD, STATE OF ARIZONA

PRINCIPAL

AGENCY ADDRESS

BY: _____

TITLE: _____

SURETY

BY: _____

TITLE: _____

BOND NUMBER _____

ATTACH SURETY POWER OF ATTORNEY

CERTIFICATION OF LICENSE

Pursuant to A.R.S. Sec. 32-1169, I hereby state that I hold a current contractor's license, duly issued by the office of the Registrar of Contractors for the State of Arizona, said license has not been revoked, that the license number is:

_____ that my privilege license number (as required by A.R.S. Sec. 42-1305) is:
_____ ; and that, if any exemption to the above licensing requirements is claimed;

(1) The basis for the claimed exemption is: _____
_____ and;

(2) The names(s) and license number(s) of any general, mechanical, electrical, or plumbing contractor(s) to be employed on the work are:

IT IS UNDERSTOOD THAT THE FILING OF AN APPLICATION CONTAINING FALSE OR INCORRECT INFORMATION CONCERNING AN APPLICANT'S CONTRACTOR'S LICENSE OR PRIVILEGE LICENSE WITH THE INTENT TO VOID SUCH LICENSING REQUIREMENTS IS UNSWORN FALSIFICATION PUNISHABLE ACCORDING TO A.R.S. SEC. 13-2704.

DATE: _____

SIGNATURE OF LICENSEE: _____

COMPANY: _____

**MINORITY AND WOMEN-OWNED BUSINESS ENTERPRISE PROGRAM
CONSTRUCTION CONTRACTING REQUIREMENTS**

A. The following conditions will apply in the calculation of the percentage attainment:

1. All MBE/WBE firms used in attainment of the goal must be certified with the Maricopa County Minority Business Office (MBO). The MBO is located at 100 West Clarendon, Suite 1420, Phoenix, Arizona 85013, telephone 506-8653. In addition, only those firms certified prior to the bid opening will be considered in the attainment of the goal.
2. Prime contractor subcontracts to MBE or WBE:
The MBE/WBE amount to be applied to the goal will be based on that portion (dollar value) of the contract that the MBE/WBE performs. For example, if a prime contractor subcontracts work amounting to \$100,000 of a contract for which the total project cost is \$1,000,000. the MBE/WBE participation will be credited as 10 percent.
3. Prime Minority Contractor:
An MBE/WBE prime contractor will be credited with the MBE/WBE participation for that portion of the contract which they themselves perform plus that portion subcontracted to other MBE/WBE firms. For example, if an MBE/WBE prime contractor proposes to perform 50 percent of a project quoted at \$1,000,000 and subcontracts 25 percent to an MBE firm and 25 percent to a non-MBE/WBE firm, MBE/WBE participation will be credited as 75 Percent, or \$750,000.
4. Minority-Non-Minority Joint Venture:
A joint venture consisting of MBE/WBE participation and non-MBE/WBE business enterprises, functioning as a prime contractor, will be credited with minority participation on the basis of the percentage of profit accruing to the MBE/WBE firm. For example, if a MBE/WBE and non-MBE/WBE joint venture proposes to perform 50 percent of a \$1,000,000 project and 50 percent of the joint venture profits (\$500,000) are to accrue to the MBE/WBE partner in the joint venture, MBE/WBE participation will be credited at 25 percent or \$250,000.
5. Lower Tier Non-MBE/WBE Participation:
MBE/WBE subcontractors proposing to further subcontract to non-MBE/WBE contractors shall not have that portion of subcontracting activity considered when determining the percentage of MBE/WBE participation.
6. MBE/WBE Suppliers:
Any MBE/WBE supplier that performs a commercially useful function, manufactures or substantially alters the material or product it supplies will have that portion of activity considered when determining the percentage of MBE/WBE participation.
7. MBE/WBE Trucking:
Credit for trucking by MBEs or WBEs will be the amount to be paid when the MBE or WBE trucker will perform the trucking with his/her trucks, tractors, and employees or when a MBE or WBE trucking broker has signed agreements with MBE and WBE truckers.

B. Required forms:

Two Affidavits are included as part of this section. The first form, the "MBE/WBE Assurances Affidavit", must be completed and submitted with the bid-- FAILURE TO DO SO SHALL BE CAUSE FOR REJECTION OF THE BID.

A SAMPLE of the "Actual MBE/WBE Participation Affidavit", that must be completed and returned by the first and second bidders to the Minority Business Office by 4:00 p.m. on the seventh calendar day after bid opening, if M/WBE goals have been established, is provided for information purposes. A copy of the sample or the sample form itself may also be used. The affidavit will list the MBE/WBE participation by MBE/WBE firm name and the relative dollar value of the MBE/WBE contract. The information in this

affidavit is binding on the contractor, to the extent that any amounts may be increased and not decreased, and that if any listed MBE/WBE's are unable to enter into a subcontract with contractor, the contractor **must** provide a written report to the Procurement Officer, through the Owner's representative in accordance with instructions provided elsewhere in this document.

C. Good Faith Efforts:

Bids which fail to meet MBE or WBE minimum goals at levels which equal or exceed established goals may be considered nonresponsive unless good faith efforts can be determined. Only MBE and WBE firms certified by Maricopa County prior to the bid submittal date, and which will perform a commercially useful function will be counted toward meeting the participation goals. Any portion of the work that a proposed MBE or WBE firm will subcontract to other than a certified firm, regardless of tier, will not be counted toward the applicable goals.

The apparent first and second low bidders who do not fulfill the established MBE and WBE goals must demonstrate, through detailed and comprehensive documentation, that "good faith" efforts have been made to solicit, assist and utilize MBE and WBE firms to meet participation goals.

The County Minority Business Office (MBO) will assist prime contractors in identifying possible qualified and interested MBE and WBE subcontractors to meet designated MBE and WBE goals. **A M/WBE listing will be furnished with the bidding documents**, which contractors must utilize in identifying M/WBE firms. It will be the responsibility of the prime contractors to obtain the MBE and WBE firms necessary to meet the MBE and WBE goals.

FAILURE TO CONTACT THE MBO FOR ASSISTANCE IN COMPLYING WITH THESE GOALS MAY RESULT IN NOT HAVING IMPLEMENTED "GOOD FAITH" EFFORTS. Contact may be in writing, by telephone, or in person. If by phone or in person, name of MBO person spoken to should be obtained and written within the **"CONTRACTOR CERTIFICATE OF GOOD FAITH" SUBMITTAL FORM** (supplied if a contract has M/WBE goals).

(The Minority Business Office is located at 100 W. Clarendon, Suite 1420, Phoenix, Arizona 85013. Telephone number is 506-8653).

FAILURE TO IMPLEMENT "GOOD FAITH" EFFORTS IN ACCORDANCE WITH THE MARICOPA COUNTY MINORITY BUSINESS ENTERPRISE PROGRAM TO THE SATISFACTION OF MARICOPA COUNTY MAY RESULT IN THE REJECTION OF THE BID.

If information submitted by a prime contractor indicates that established MBE and WBE goals have not been met, the contractor must be required to provide sufficient documentation to demonstrate that he/she has complied with MBE and WBE requirements or good faith efforts. Good faith efforts will be determined by both quality and intensity of these efforts. Documentation provided to the Minority Business Office (MBO) must include:

1. The date bidder requested assistance in writing, in person, or by telephone from the MBO. The bidder should request assistance from the MBO office in order for a determination to be made. **As Maricopa County M/WBE listings are updated frequently, bidders shall contact the MBO to ensure that they have the most recent edition.**
2. Names, addresses and telephone numbers; and dates of notification of Maricopa County certified MBEs and WBEs solicited by direct mail for this project; and dates and methods used for follow up of initial solicitations to determine with certainty whether MBEs or WBEs were interested in subcontracting. (SEE FOLLOWING NOTE)
3. Items of work for which bidder requested subbids, proposals or materials to be supplied by MBEs and WBEs; information furnished to interested MBEs and WBEs such as specifications and requirements of the work; plans; and any breakdown of items of work into economically feasible units to facilitate MBE and WBE participation.

4. Names of MBEs and WBEs who submitted bids for any of the work indicated above and were not accepted by the prime contractor. An explanation of why MBEs or WBEs contacted will not be awarded subcontracts. If price was the reason for rejection of the bid, the price bid of rejected MBEs or WBEs and price bid of the selected subcontractor shall be submitted. Since utilization of available MBEs and WBEs is the program objective, price differences will not automatically be considered as cause for a prime contractor's rejection of MBE and WBE bids.

5. Documentation of written notices or telephone calls to a reasonable number of M/WBEs soliciting their participation in sufficient time to allow M/WBEs to participate effectively. All M/WBEs listed on the Maricopa County Certification list which provide applicable goods and services for subject procurement/project should be contacted.

NOTE: THE ABOVE GOOD FAITH EFFORTS MUST HAVE BEEN CONDUCTED DURING THE BIDDING PERIOD AND PRIOR TO THE BID OPENING WITH SUBSTANTIAL TIME IN ORDER TO ALLOW FOR A RESPONSE FROM POTENTIAL M/WBE SUBCONTRACTORS. ORIGINAL CONTACT BY A PRIME CONTRACTOR JUST PRIOR TO OR ON THE BID OPENING WILL NOT BE CONSTRUED AS HAVING PROVIDED SUFFICIENT RESPONSE TIME FOR SUBMISSION OF SUBCONTRACT BIDS.

The following efforts can also be utilized in demonstrating "Good Faith" in soliciting M/WBE participation.

1. A description of the efforts made to assist MBEs and WBEs whose bids were rejected to be more competitive in their subcontracting bids. These efforts could include assistance in meeting bonding or insurance requirements.
2. Names and dates of advertisement of each newspaper, trade paper, and minority focus paper in which a request for MBE and WBE participation for this project was placed by the bidder.

Contractors are encouraged to seek M/WBEs in the same geographical area in which the work is to be performed or goods provided. If the bidder cannot meet the established goals using M/WBEs from the geographical area, the bidder should expand its search to a reasonable wider geographical area.

The MBO will make the final decision as to whether good faith efforts were met, based on the information submitted.

D. Appeal Process for Bid Award:

If the Owner is considering award of a contract to a bidder other than the low bidder because of failure to meet MBE and WBE participation goals or good faith efforts, the low bidder will be notified and given an opportunity to protest the decision. This protest will be made in accordance with the Maricopa County Procurement Code, Article 9, MCI-905, which is incorporated by reference.

E. Contract Compliance:

Failure of any bidder, contractor or subcontractor to comply with any of the requirements of the Maricopa County Minority and Women-Owned Business Program shall be a material breach of contract. During the term of an awarded contract, the prime contractor shall:

1. Fulfill the MBE and WBE participation commitments submitted with their bid;
2. Continue to make every effort to utilize MBEs and WBEs;
3. Require that their subcontractors make every effort to utilize MBEs and WBEs;
4. Maintain records necessary for monitoring their compliance with provisions contained in the M/WBE Program.

The primary responsibility for assuring contractor's compliance with these M/WBE contract requirements after award rests with the Owner's designated representative. The Owner's designated representative should ascertain that no one other than the approved MBE or WBE contractors or subcontractors are performing the work, and that MBE and WBE subcontractor substitutes have been approved in advance. The prime contractor shall not perform any MBE or WBE contract work items without prior approval by the Owner's Procurement Officer, through the Owner's designated representative.

The Owner's Procurement Officer shall advise the Minority Business Office immediately of any circumstances where a contractor appears to be in violation of the MBE and WBE contract requirements. An investigation will be held by the MBO and a recommendation for corrective action shall be forwarded to the Owner's Procurement Officer. Intentional noncompliance with the MBE and WBE requirements may result in withholding funds on the items already completed, in termination of the contract, and/or formal debarment from future contracts. The Maricopa County Minority Business Office (MBO) reserves the right to inspect all records of the contractor, MBEs and WBEs concerning this project.

The MBO will conduct MBE and WBE compliance reviews on a regular basis.

F. Substitution of Subcontractors:

The prime contractor shall request approval to replace an approved MBE or WBE subcontractor that is unable or unwilling to perform successfully on a contract with another MBE or WBE. This failure does not remove the contractor's responsibility for meeting the MBE and WBE participation goals on the contract. A written request for substitution must be made to the Owner's Procurement Officer, through the designated Owner's representative, of the Procurement Agency. The substitute MBE or WBE, obtained to perform an equal or greater dollar value of work, must be approved by the Owner's Procurement Officer, through the designated Owner's representative, prior to beginning of any work by the substitute MBE or WBE. The request for substitution must include, but is not limited to the following:

1. Reason for substitution.
2. Name, address, and telephone number of the approved MBE or WBE.
3. Name, address and telephone number of the MBE or WBE substitute.
4. Item, numbers, description of work and the proposed MBE and/or WBE dollar amount.
5. Good faith effort documentation if the substitute subcontractor is not an MBE or WBE.

G. Requests for Pay:

Each Request for Pay must be accompanied by a Maricopa County Minority/Women-Owned Business Enterprise Program "MBE/WBE PARTICIPATION REPORT" in the form as provided by the Flood Control District of Maricopa County.

The final pay request shall include a listing of total contract MBE/WBE participation. Line numbers and a description of actual work performed shall also be included. If, at the time of contract completion, the MBE and WBE commitments are not actually attained, the report is to provide an explanation of failure to comply. These reports shall be submitted within thirty (30) days of contract completion, PRIOR TO RELEASE OF ANY REMAINING CONTRACT RETENTION.

CONTRACTOR CERTIFICATE OF GOOD FAITH*

The intent of this certification is to document the good faith efforts implemented by the apparent low bidder in soliciting and utilizing M/WBE firms to meet the established M/WBE goals for County contracts. This certificate will assist Maricopa County in determining whether the apparent low bidder has implemented "good faith" efforts in accordance with the Maricopa County Minority Business Program. The burden of proof rests with the apparent low bidder.

(NOTE: Prior to filling out this certificate it is important that contractors review the "good faith" efforts requirements in the M/WBE section of the project specification booklet.)

Failure to implement "good faith" efforts to the satisfaction of Maricopa County will result in rejection of the proposal.

I, _____ do hereby acknowledge that I am the
_____ of _____
who has been identified as the selected contractor on Flood Control District Contract FCD No. 93-48.

Provide a brief summary of why the established M/WBE goal for this project has not been met. (Attach additional sheets if necessary.)

I hereby certify that I have made comprehensive "good faith" efforts to solicit and utilize County certified M/WBEs to meet the established M/WBE goal of this project as demonstrated by my responses to the following questions:

A. IDENTIFYING SUBCONTRACTOR WORK ITEMS

Contractors are encouraged to select portions of work to be subcontracted in a manner which will increase the likelihood of meeting the established M/WBE goal for the project. In selecting work to be performed, contractors will consider, where appropriate, breaking down the project into economically feasible units to facilitate M/WBE participation. Contractors are reminded that only M/WBE certified by the County can be used as participants towards meeting the project goals. A County M/WBE Certification listing will be provided to all contractors interested in submitting bids for projects. This listing is the only authorized source from which to select M/WBEs for project participation. Current copies of this listing may be obtained by calling the Minority Business Office at (602) 506-4068.

1. Which portions of the contract proposal, in terms of the nature of the work were selected to be subcontracted to M/WBE firms?

B. NOTIFYING M/WBE FIRMS OF CONTRACTING OPPORTUNITIES

1. Solicitations by mail/fax must be made to all M/WBE firms identified on the M/WBE Certification Listing that perform the type of work which is proposed for subcontracting. Following this initial solicitation, at least one follow-up telephone call must be made to any of the M/WBE firms who have not responded to the mailing.

2. In the spaces provided below, indicate which firms received written notification of work items to be subcontracted. In the appropriate space, also indicate when the M/WBE firms received subsequent telephone solicitations. Please attach additional sheets so that all firms contacted are listed and attach photo copies of all written/fax solicitations to M/WBEs to this documentation.

M/WBE Firm Contacted	Name	Date	Tel. No.	Date

3. Were the services of the County Minority Business Office used to assist the contractor in the recruitment of M/WBEs or to assist in solving other problems?

Yes _____ No _____
Contact was made by: telephone _____ written correspondence _____
Date contacted _____ Staff person contacted _____

C. PROVIDING M/WBEs WITH ASSISTANCE

1. Explain any efforts undertaken to provide M/WBEs with information regarding project plans, specifications and requirements of the project:

2. Describe any efforts initiated to provide special assistance to M/WBE firms interested in participating in this project:

3. Describe any efforts undertaken to assist M/WBE firms in obtaining bonding, lines of credit, or insurance required by the County for this project:

4. Was solicitation for M/WBEs advertised in local papers, ethnic periodicals, or trade journals? If YES, please list the name of the periodical and dates advertised.

D. SOLICITING QUOTES FROM M/WBE FIRMS

Contractors must solicit quotes in good faith with interested M/WBE firms. Quotes and bids from interested M/WBEs must not be rejected by bidders without sound justification based upon a thorough investigation of the capabilities of the M/WBE firms.

1. Indicate in the space provided below, which M/WBE firms submitted quotes on the project proposal. Also provide a brief explanation of why any of these M/WBE quotes were rejected. If price was a determining factor, provide documentation showing the non-minority quotes. Please attach additional sheets if necessary.

Name of M/WBE Firm	Explanation for rejecting quote
--------------------	---------------------------------

* To be included in contract documents or those procurements which have M/WBE contract goals.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
MINORITY/WOMEN-OWNED BUSINESS ENTERPRISE PROGRAM
MBE/WBE ASSURANCES AFFIDAVIT

NOTE: FAILURE TO COMPLETE AND SUBMIT THIS AFFIDAVIT WITH THE BID PROPOSAL SHALL BE CAUSE FOR REJECTION OF THE BID.

The undersigned, fully cognizant of the Flood Control District of Maricopa County MBE/WBE Program requirements and of the goal established, hereby certifies that in the preparation of this bid,

(the entity submitting the bid)

(CHECK ONE)

Will meet the **established** goal for participation by Minority/Women-Owned Business Enterprises.

Will provide the necessary documentation to Minority Business Office to establish that a good faith effort was made.

The first and second low bidders will specify their MBE/WBE participation on the Actual Participation Affidavit or provide documentation of their good faith efforts not later than 4:00 p.m., the seventh calendar day following the bid opening. If participation is "None", the Affidavit will be completed and returned with "None" so stated therein, together with the documentation of bidder's good faith efforts to obtain the participation. This documentation will be reviewed by the MBO to determine whether in fact a comprehensive "good faith" effort has been implemented. The required affidavit shall be obtained by the apparent first and second low bidders from the Minority Business Office, 100 West Clarendon, Suite 1420, Phoenix, Arizona 85013, Telephone 506-8653, following the bid opening and verbal notification from the Procurement Officer of the Procurement Agency; a SAMPLE affidavit form for reference purposes follows.

Name of Firm

Signature

Title

STATE OF ARIZONA)

)ss.

County of Maricopa)

Subscribed and sworn to before me this _____ day of _____, 199__.

BY: _____

Notary Public

**MARICOPA COUNTY
MINORITY/WOMEN-OWNED BUSINESS ENTERPRISES PROGRAM**

**MBE/WBE PARTICIPATION REPORT
(To be attached with Request for Pay)**

Date: _____
Contractor: _____
Contact Person: _____
Address: _____
Telephone: _____

Project: Plating of Access Road & Bank Protection for EMF Reach-4
Contract Number: FCD 93-48
For Pay Period of: _____

Subcontractor: _____
Person to Contact: _____
Address: _____
Telephone Number: _____

Type of Firm: _____
Class of Work: _____

Subcontract Amount: _____
Amount Earned
(Commission) This Period: _____

Total Earned by This Subcontractor: _____
Total MBE/WBE Contract Goal, %: N/A
Total Cumulative MBE/WBE _____

Participation on This Contract, %: _____
MBE/WBE subcontract payment made
during this reporting period (yes or no): _____

cc: **Minority Business Office**
100 West Clarendon, Suite 1420
Phoenix, Arizona 85013

CONTRACT AGREEMENT

THIS AGREEMENT, made and entered into this ____ day of _____, 1994 by and between FLOOD CONTROL DISTRICT OF MARICOPA COUNTY, hereinafter called the OWNER, acting by and through its BOARD OF DIRECTORS, and _____ hereinafter called the CONTRACTOR.

WITNESSTH: That the said CONTRACTOR, for and in the consideration of the sum of _____ (DOLLARS) to be paid to it by the OWNER, in the manner and at the times hereinafter provided, and of the other covenants and agreements herein contained, hereby agrees for himself, heirs, executors, administrators, successors, and assigns as follows:

ARTICLE I - SCOPE OF WORK: The CONTRACTOR shall construct, and complete in a workmanlike and substantial manner and to the satisfaction of the Chief Engineer and General Manager, a project for the OWNER, designated as FCD Contract 93-48, and furnish at its own cost and expense all necessary machinery, equipment, tools, apparatus, materials, and labor to complete the work in the most substantial and workmanlike manner according to the Plans and Construction Specifications on file with the OWNER, 2801 West Durango Street, Phoenix, Arizona, and such modifications of the same and other directions that may be made by the OWNER as provided herein.

ARTICLE II - CONTRACT DOCUMENTS: The Construction Specifications (Invitation to Bid, Plans, Standard Specifications and Details, Supplementary General Conditions, Special Provisions, Addenda, if any, Proposal, Affidavits, Performance Bond, Payment Bond, Certificates of Insurance, and Change Orders, (if any,)) are by this reference made a part of this Contract and shall have the same effect as though all of the same were fully inserted herein.

ARTICLE III - TIME OF COMPLETION: The CONTRACTOR further covenants and agrees at its 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 its 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 in accordance with the requirements of A.R.S. Sec. 34-221, as amended. The CONTRACTOR agrees to discharge its obligations and make payments to its subcontractors and suppliers in accordance with A.R.S. Sec. 34-221.

ARTICLE V - TERMINATION: The OWNER hereby gives notice that pursuant to A.R.S. Sec. 38-511(A) this contract may be cancelled without penalty or further obligation within three years after execution if any person significantly involved in initiation, negotiation, securing, drafting or creating a contract on behalf of the OWNER is, at any time while the contract or any extension of the contract is in effect, an employer agent of any other party to the contract in any capacity or a consultant to any other party of the contract with respect to the subject matter of the contract. Cancellation under this section shall be effective when written notice from the Chief Engineer and General Manager of the OWNER is received by all of the parties to

the contract. In addition, the OWNER may recoup any fee for commission paid or due to any person significantly involved in initiation, negotiation, securing, drafting or creating the contract on behalf of the OWNER from any other party to the contract arising as a result of the contract.

ARTICLE VI - NEGOTIATION CLAUSE: Recovery of damages related to expenses incurred by the CONTRACTOR for a delay for which the OWNER is responsible, which is unreasonable under the circumstances and which was not within the contemplation of the parties to the contract, shall be negotiated between the CONTRACTOR and the OWNER. This provision shall be construed so as to give full effect to any provision in the contract which requires notice of delays, provides for arbitration or other procedure for settlement or provides for liquidated damages.

ARTICLE VII - COMPLIANCE WITH LAWS: The CONTRACTOR is required to comply with all Federal, State and local ordinances and regulation. The CONTRACTOR's signature on this contract certifies compliance with the provisions of the I-9 requirements of the Immigration Reform Control Act of 1986 for all personnel that the CONTRACTOR and any subcontractors employ to complete this project. It is understood that the OWNER shall conduct itself in accordance with the provisions of the Maricopa County Procurement Code.

ARTICLE VIII - MBE/WBE PROGRAM: The Flood Control District of Maricopa County will endeavor to ensure in every way possible that minority and women-owned business enterprises shall have every opportunity to participate in providing professional services, purchased goods, and contractual services to the Flood Control District of Maricopa County without being discriminated against on the grounds of race, religion, sex, age, handicap, or national origin. The Maricopa County Minority Business Program implemented January 1, 1992, is incorporated by reference.

ARTICLE IX - ANTI-DISCRIMINATION PROVISION: The CONTRACTOR agrees not to discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, age, or disability and further agrees not to engage in any unlawful employment practices. The CONTRACTOR further agrees to insert the foregoing provision in all subcontracts hereunder.

IN WITNESS WHEREOF: Five (5) 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.

PARTY OF THE FIRST PART

BY: _____
Printed Name

BY: _____
Signature

Title

DATE: _____

Tax Identification Number

RECOMMENDED BY:

CHIEF ENGINEER AND GENERAL MANAGER
FLOOD CONTROL DISTRICT OF
MARICOPA COUNTY

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: _____
GENERAL COUNSEL, FLOOD CONTROL
DISTRICT OF MARICOPA COUNTY

DATE: _____

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
PARTY OF THE SECOND PART

BY: _____

CHAIRMAN, BOARD OF DIRECTORS

DATE: _____

ATTEST:

CLERK OF THE BOARD

**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, in the County of Maricopa, State of Arizona (hereinafter called the Oblige), 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 Flood Control District of Maricopa County, dated the _____ day of _____, 1994 for FCD Contract 93-48 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 monies due to all persons supplying labor or materials to the Principal or the Principal's subcontractors in the prosecution of the work provided for in the contract, this obligation is void. Otherwise it remains 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, conditions and limitations of Title 34, Chapter 2, Article 2, Arizona Revised Statutes, to the same extent as if it was copied at length in this Agreement.

The prevailing party in a suit on this bond shall recover as part of the judgement reasonable attorney's fees that may be fixed by the court or a judge thereof.

Witness our hands this ____ day of _____, 1994.

PRINCIPAL SEAL

BY: _____

AGENT OF RECORD, STATE OF ARIZONA

AGENT ADDRESS

SURETY SEAL

BY: _____

BOND NUMBER. _____

ATTACH SURETY POWER OF ATTORNEY

**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 Flood Control District of Maricopa County, dated the _____ day of _____, 1994, for FCD Contract 93-48, 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 was 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 _____, 1994.

PRINCIPAL SEAL

BY: _____

AGENT OF RECORD, STATE OF ARIZONA

AGENT ADDRESS

BOND NUMBER. _____

SURETY SEAL

BY: _____

ATTACH SURETY POWER OF ATTORNEY

CERTIFICATE OF INSURANCE

CONTRACT FCD 93-48

PROJECT TITLE

Plating of Access Road & Bank Protection for Eastern Maricopa Floodway Reach 4

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	
	COMMERCIAL GENERAL <input checked="" type="checkbox"/> 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	2,000
	COMPREHENSIVE AUTO <input checked="" type="checkbox"/> LIABILITY & NON-OWNED			SAME AS ABOVE	
	<input checked="" 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"/> ENGINEERS PROFESSIONAL LIABILITY			EACH CLAIM AND ANNUAL AGGREGATE	
	<input checked="" type="checkbox"/> OTHER Add Maricopa as Additional.	Insured in addition to Flood Control District			

Except for Professional Liability Insurance and Workers' Compensation Insurance, the Flood Control District of Maricopa County is added as an additional insured in respect to liability arising in any manner out of the performance of any contract entered into between the insured and the Flood Control District or liability arising out of any services provided or duty performed by any party as required by statute, law, purchase order, or otherwise required. 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 thirty (30) days written notice to the District. THIS CERTIFICATE IS NOT VALID UNLESS COUNTERSIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE INSURANCE COMPANY.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
 2801 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, and Maricopa County, or any of their 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, and 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 negligence of the Flood Control District of Maricopa County, or Maricopa County.

The above cost of damages incurred by the Flood Control District of Maricopa County and Maricopa County or any of their departments, agencies, officers or employees, or others aforesaid shall include in the event of an action, court costs, expenses for litigation and reasonable attorney's fees.

Firm

Date

Principal

Title

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

**CONTRACT FCD 93-48
PLATING OF ACCESS ROAD AND BANK PROTECTION FOR
EAST MARICOPA FLOODWAY REACH-4**

SUPPLEMENTARY GENERAL CONDITIONS

SPECIFICATIONS:

Except as otherwise required in these Supplementary General Conditions and the Construction Special Provisions, construction of this project shall be in accordance with all applicable Maricopa Association of Governments (MAG) Uniform Standard Specifications and Uniform Standard Details, latest revision.

PRECEDENCE OF CONTRACT DOCUMENTS

In case of a discrepancy or conflict, Project Plans will govern over the MAG Standard Specifications and Details. The Supplementary General Conditions and Construction Special Provisions will govern over the MAG Standard Specifications and Details and the Project Plans.

PAYMENT

Payment will be made for only those items listed in the proposal. All material and work necessary for completion of this project are included in proposal items. Any work or material not specifically referred to in these items is considered incidental to the item and included in the unit price.

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) Contractor shall also comply with all applicable provisions of the Americans with Disabilities Act (Public Law 101-336, 42 U.S.C. 12101-12213) and all applicable federal regulations under the Act, including 28 CFR Parts 35 and 36.

CONTRACT TIME:

The Contractor shall commence work within seven (7) calendar days after the date of the Notice to Proceed and complete all work within sixty (60) calendar days from the effective date specified in the Notice to Proceed. In the event the Contractor elects to work overtime, second shifts, weekends, or legal holidays, to complete the work required by the Project Plans and these Supplementary General Conditions or Construction Special Provisions, the Contractor will bear the additional costs that may be incurred by the Owner including engineering, inspections, testing, surveying and construction administration all in accordance with Section 108.5. These costs will be deducted from the monies due to the Contractor.

NEGOTIATION CLAUSE:

Recovery of damages related to expenses incurred by the Contractor for delays for which the Owner is responsible, which are unreasonable under the circumstances and which were not within the contemplation of the parties to the contract, shall be negotiated between the Contractor and the Owner. This provision shall not be construed to void any provisions in the contract which requires notice of delays, provides for arbitration or other procedure for settlement, or provides for liquidated damages.

WATER, LIGHT, POWER, HEAT, TELEPHONE:

All water for construction purposes, drinking water, lighting, temporary electric power, heat and telephone service shall be arranged and provided for as per requirements of the work by the Contractor at his expense.

PROGRESS SCHEDULE:

The Contractor shall submit a proposed work progress schedule to the Engineer for review before starting work. Weekly updates shall be submitted to the Owner's Inspector at the weekly coordination meeting.

MATERIALS SOURCES:

Select Material, Aggregate Base, Mineral Aggregate, concrete, steel products and pipe 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 its proposed commercial sources prior to use, and shall present certificates stating that the material produced from any commercial sources is in accordance with the Uniform Standard Specifications and these Supplementary General Conditions.

Subsection 101.2 - Definitions and Terms:

1. Change the definition of the phrase "Board of Supervisors" to being the Board of Directors acting under the authority of the laws of the State of Arizona and in their capacity of the Board of Directors of the Flood Control District of Maricopa County.
2. Change the definition of the phrase "Budget Project" to being a project financed by funds set aside in the annual budget or otherwise approved by the Flood Control District of Maricopa County Board of Directors.
3. Add to the definition of the phrase "Contract Documents", the phrase "Supplementary General Conditions".
4. Change the definition of the term "Engineer" to being the person appointed by the Flood Control District of Maricopa County Board of Directors to the office of Chief Engineer and General Manager of the Flood Control District of Maricopa County acting directly or through its authorized representative, the Chief of the Flood Control District of Maricopa County Construction and Operations Division.
5. Change the definition for the phrase "Notice of Award" to a letter from the Flood Control District of Maricopa County advising the Contractor that it is the successful bidder and the Flood Control District of Maricopa County has accepted its proposal.
6. Change the definition of the term "Owner" to the Flood Control District of Maricopa County, acting through its legally constituted officials, officers, or employees.
7. Add the definition for Maricopa County Minority Business Office (MBO); the office responsible for administering the Maricopa County Minority and Women Owned Business Enterprise Program.
8. Add the definition for the Maricopa County Minority and Women Owned Business Enterprise Program as being the Program adopted by the Board of Supervisors effective January 1, 1992.

Subsection 102.5 - Preparation of Proposal: Add the following:

Proposals, including the Bidding Schedule, must be legibly written in ink or typed.

It shall be the responsibility of prospective bidders to determine, prior to submission of a bid, if any addenda have been issued by the Flood Control District. This may be accomplished by calling 602-506-1501. Any addendum issued, if not already bound into the Special Provisions, must be attached and included as part of the Special Provisions and any quantities on the Bidding Schedule requiring change shall be adjusted to the new figure by pen and ink.

Bids which do not have appropriate addenda attached and show appropriate changes to the Bidding Schedule, and receipt of addenda acknowledged in the Proposal shall be invalid.

The bidder's Arizona State Contractor's License number and the classification under which it proposes to perform the work shall be shown on the proposal. An A **General Engineering** License is required for this contract. The two lowest bidders may be required to provide certification of prior satisfactory completion for similar construction and to furnish a copy of their license and the renewal certificate.

Subsection 102.6 - Subcontractors' List: Add the following:

A list of subcontractors to be employed on the project shall be submitted with the bid, on the form provided in the Proposal. No change of the subcontractors named therein will be made unless first approved in writing by the Owner.

Subsection 102.7 - Irregular Proposals: Add the following :

(F) If bidder fails to complete and submit the Maricopa County Minority and Women-Owned Business Enterprises Assurances Affidavit, the bid will be considered nonresponsive and rejected.

(G) If bidder fails to acknowledge AND attach any addendum issued, if addendum is not already bound into the Special Provisions, the bid will be considered nonresponsive and rejected.

(H) If bidder fails to utilize the Owner's bond forms, the bid will be considered nonresponsive and rejected.

(I) If bidder fails to return the entire specifications document, the bid will be considered nonresponsive and rejected.

Subsection 103.6 - Contractor's Insurance: Add the following:

A statement from bidder's insurance carrier shall be included in the proposal certifying that it will furnish the specified kind and amounts of insurance to the bidder if it is awarded the contract. As required by law, the statement will be from an insurance carrier or carriers authorized to do business in the State of Arizona, or countersigned by an agent of the carrier authorized to do business in the State of Arizona. Concurrently with the execution of the contract, the Contractor shall furnish a Certificate of Insurance using the included Certificate or one of equal wording, that names the additional insureds as set out in the Certificate. The Certificate shall also name the additional insureds as Certificate Holders. The types of insurance and the limits of liability shall be as indicated on the included form.

Subsection 103.6.1(D) - Contractor's Insurance: Add additional insureds as indicated on the included Certificate of Insurance.

Subsection 103.6.2 - Indemnification of the Contracting Agency Against Liability: Replace with Indemnification on Page 28 of 28 of the Contract Documents.

105.1.1 - Engineer's Evaluation: Add this provision to 105.1:

Engineer will be allowed a reasonable time within which to evaluate each proposal or submittal made pursuant to subsections 105.3.1 and 106.4. Engineer will be the sole judge of acceptability. No "or-equal" or substitute will be ordered, installed or utilized without Engineer's prior written acceptance which will be evidenced by either a Change Order or an approved Shop Drawing. Owner may require Contractor to furnish at Contractor's expense a special performance guarantee or other surety with respect to any "or-equal" or substitute. Engineer will record time required by Engineer and Engineer's Consultants in evaluating substitutes proposed or submitted by

Contractor pursuant to subparagraphs 105.3.1 and 106.4(B) and in making changes in the Contract Documents (or in the provisions of any other direct contract with Owner for work on the project) occasioned thereby. Whether or not Engineer accepts a substitute item so proposed or submitted by Contractor, Contractor shall reimburse Owner for the charges of Engineer and Engineer's Consultants for evaluating each such proposed substitute item.

105.3.1 - Substitute Construction Methods or Procedures: Add the following:

If a specific means, method, technique, sequence or procedure of construction is shown or indicated and expressly required by the Contract Documents, Contractor may furnish or utilize a substitute means, method, technique, sequence or procedure of construction acceptable to Engineer. Contractor shall submit sufficient information to allow Engineer, in Engineer's sole discretion, to determine that the substitute proposed is equivalent to that expressly called for by the Contract Documents. The procedure for review by Engineer will be similar to that provided in subparagraph 106.4(B).

Subsection 105.6 - Cooperation with Utilities: Add the following:

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(s) may be adjusted. Should the Contractor's operations result in damage to any utility the location of which has been brought to its attention, he shall assume full responsibility for such damage. The Contractor shall contact Arizona Blue Stake (telephone number 263-1100) a minimum of two (2) working days before beginning any underground work. In addition, Blue Stake notification(s) shall be maintained on a current basis.

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

Flood Control District.....	506-1501
US West Communications.....	831-4647
Roosevelt Water Conservation District.....	963-3414
Location Staking (A.P.S. , U.S. West, S.R.P.).....	263-1100
Maricopa County Department of Transportation.....	506-8600

Subsection 105.8 - Construction Stakes, Lines, and Grades: Add the following:

- A. The Engineer will furnish the project survey control line together with a Bench Mark which the construction contractor will use to set line and grade for all construction. All other surveying required for the project shall be the contractor's responsibility. The Engineer will not set any construction stakes.
- B. Before any construction work is started, the Engineer shall perform all base surveys and cross sections of existing conditions that may be required as a basis for quantity determination.

Subsection 106.4 - Trade Names and Substitutions: Replace with the following:

Whenever an item of material or equipment is specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular Supplier, the specification or description is intended to establish the type, function and quantity required. Unless the specification or description contains or is followed by words reading that no like, equivalent or "or-equal" item or no substitution is permitted, other items of material or equipment of other Suppliers may be accepted by Engineer under the following circumstances:

A) "Or-Equal": If in Engineer's sole discretion an item of material or equipment proposed by Contractor is functionally equal to that named and sufficiently similar so that no change in related Work will be required, it may be considered by Engineer as an "or-equal" item, in which case review and approval of the proposed item may, in Engineer's sole discretion, be accomplished without compliance with some or all of the requirements for acceptance of proposed substitute items.

B) Substitute Items: If in Engineer's sole discretion an item does not qualify as an "or-equal" item under subparagraph 106.4 (A), it will be considered a proposed substitute item. Contractor shall submit sufficient information as provided below to allow Engineer to determine that the item of material or equipment proposed is essentially equivalent to that named and an acceptable substitute therefor. The procedure for review by the Engineer will include the following and may be supplemented in the Special Provisions and as Engineer may decide is appropriate under the circumstances. Requests for review of proposed substitute items of material or equipment will not be accepted by Engineer from anyone other than Contractor. If Contractor wishes to furnish or use a substitute item of material or equipment, Contractor shall first make written application to Engineer for acceptance thereof, certifying that the proposed substitute will perform adequately the functions and achieve the results called for by the general design, be similar in substance to that specified and be suited to the same use as that specified. The application will state the extent, if any, to which the evaluation and acceptance of the proposed substitute will prejudice contractor's achievement of completion on time, whether or not acceptance of the substitute for use in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Owner for work on the project) to adapt the design to the proposed substitute and whether or not incorporation or use of the substitute in connection with the Work is subject to payment of any license fee or royalty. All variations of the proposed substitute from that specified will be identified in the application and available maintenance, repair and replacement service will be indicated. The application will also contain an itemized estimate of all costs or credits that will result directly or indirectly from acceptance of such substitute, including costs of redesign and claims of other contractors affected by the resulting change, all of which will be considered by the Engineer in evaluating the proposed substitute. Engineer may require Contractor to furnish additional data about the proposed substitute.

C) Contractor's Expense: All data to be provided by Contractor in support of any proposed "or-equal" or substitute item will be at Contractor's expense.

Subsection 107.2 - Permits: The Contractor shall be responsible for being aware of and 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.

Subsection 107.2.1 - NPDES Permit Requirements: Add the following:

A. This project is subject to the National Pollutant Discharge Elimination System (NPDES) Stormwater requirements for construction sites under the Environmental Protection Agency (EPA) General Permit for Arizona. Under provisions of that permit, the contractor shall be designated as permittee, and shall take all necessary measures to assure compliance with the NPDES General Permit for Arizona as well as all other applicable Federal, State and local laws, ordinances, statutes, rules and regulations pertaining to stormwater discharge. As the permittee, the contractor is responsible for preparing, in a manner acceptable to the EPA, all documents required by this regulation, including but not necessarily limited to:

1. Stormwater Pollution Prevention Plan (SWPPP) for the project, including certification of compliance form. Contractor shall be required to develop, implement, update and revise the SWPPP, as necessary, in order to assure compliance with the EPA permit requirements. The SWPPP shall be retained on the project site at all times during construction.

2. Notice of Intent (NOI) to assure compliance with the NPDES General Permit for Arizona, including certification of signatures.

3. Notice of Termination (NOT) of coverage under NPDES General Permit for Arizona.

- B. Preliminary copies of the NOI and the SWPPP shall be submitted to the Owner during the preconstruction meeting and shall be subject to review by the Owner prior to implementation.
- C. Contractor shall submit the completed and duly signed NOI forms no later than forty-eight (48) hours prior to the initial start of construction on the project to the following agencies:

EPA Stormwater Notice of Intent
P.O. Box 1215
Newington, VA 22122

A copy of the completed NOI form shall be submitted to the following:

Stormwater Coordinator
Arizona Department of Environmental Quality
P.O. Box 600
Phoenix, AZ 85001-0600

Failure by the contractor (or subcontractors of any tier) to submit NOI's within the mandated time frame shall result in delay of the construction start date, and no claim for extension of time will be granted for such delay. A copy of the completed NOI shall be posted at the construction site.

- D. Inspections of all stormwater pollution control devices on the project shall be performed by the Contractor on a monthly basis and following each rainfall of 0.50 inches or more in a 24-hour period at the project site as required under provisions of the NPDES General Permit for Arizona. Contractor shall prepare reports on such inspections and retain the reports for a period of three years following the completion of the project. Inspection reports shall be submitted monthly to the Owner along with progress payment requests. Additionally, contractor shall maintain all stormwater pollution control devices on the project in proper working order, which shall include cleaning and/or repair during the duration of the project.

- E. Contractor warrants that its employees and subcontractors of any tier and their employees shall at all times comply with all applicable laws, ordinances, statutes, rules and regulations set forth by all federal, state and local governments and the Environmental Protection Agency in connection with NPDES Permitting requirements and laws and regulations pertaining to air, groundwater and surface water quality.

Fines and penalties imposed by the EPA against the Owner or the contractor, for contractor's failure to comply with any of the requirements of NPDES General Permit of Arizona, shall be borne by the contractor.

- F. Upon project completion, acceptance and demobilization, contractor shall submit its completed, duly executed NOT form to the EPA, with a copy to the Arizona Department of Environmental Quality (and the appropriate municipality), at the address listed in Section (B) above, thereby terminating all NPDES permit coverage for the project. Contractor shall then surrender to the Owner copies of the SWPPP, inspection information and all other documents prepared and maintained by the contractor in compliance of the NPDES General Permit. Contractor shall retain the originals of such documents for a period of three (3) years following the completion of the project.
- G. The Lump Sum price for the SWPPP shall include all material, labor, and all other costs relating to the preparation, installation and maintenance of the SWPPP during project construction, including assuring proper operation of the pollution control devices installed, and all maintenance, cleaning, and disposal costs associated with clean-up and repair following storm events, runoff or releases on the project. The Lump Sum price for the SWPPP shall be inclusive of all costs, and no additional claims shall be made by the Contractor under any other specification provision of these documents, including Change Conditions. Payment for this bid item shall be upon final completion and acceptance of the project, as per Section 109.1.
- H. Copies of all required forms and guidance for preparing the SWPPP are available in the "Drainage Design Manual for Maricopa County, Volume III Erosion Control". The manual is available at the Flood Control District, 2801 West Durango, Phoenix, Arizona 85009.

Subsection 107.5.2 - Compliance with the Arizona Communication Standard: Add the following:

The Owner will provide the Contractor with Material Safety Data Sheets (MSDS) for any products known to exist on the site that are deemed health hazards. The Contractor will provide a copy of Owner-provided MSDS to all subcontractors.

The Contractor will provide the Owner and all subcontractors with MSDS for any products that have or are deemed health hazards that will be brought onto the site or created on the site by either the Contractor or by any subcontractors.

The Contractor will provide the Owner with a statement certifying that all personnel (Contractor and subcontractor) employed by the Contractor or by a subcontractor on the job site have received the required Hazard Communication Standard training.

Subsection 108.2 - Subletting of Contract: Add the following:

For this project, the Contractor shall perform, with its own organization, work amounting to 50 percent or more of the total contract cost.

Subsection 108.5 - Limitation of Operations: Add the following:

Should Contractor elect to perform any work after regular working hours, on weekends, or legal holidays, any charges incurred by the Owner for inspection of the work, surveys or tests of materials will be deducted from monies due or to become due to Contractor.

Subsection 108.9 - Failure to Complete on Time:

The actual cost per calendar day incurred by the Owner 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 incomplete 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 Owner from deducting from monies due or to become due to the Contractor for any other costs incurred by the Owner directly attributable to the delay in completing this contract.

Subsection 109.1 - Measurement of Quantities: Add the following:

Measurement for payment shall be made for the actual work completed as determined by the Engineer. Payment will be made at the bid unit price, which price shall include the cost of all labor, materials, tools, equipment, transportation, permits, and incidentals required for performing the work as specified. Measurements of thickness and width of the plating material for the road surfacing and side slopes will be made after completion of the project to determine compliance with the specifications. Any deficiencies in thickness or width shall be corrected by Contractor before acceptance by the Owner. Payment will be made only on final completion and final acceptance of the project.

The specified width for the roadway is fourteen (14) feet and the specified thickness is four (4) inches of Crushed Aggregate or Processed Natural Material. The specified thickness for the gravel cover for the side slopes is two (2) inches.

The minimum roadway thickness allowable is three and one-half (3-1/2) inches. The minimum allowable thickness for the gravel cover on the slopes is one and one-half (1-1/2) inches.

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.

Subsection 109.2 - Scope of Payment: Add the following:

In addition to the contained provisions, the work under this section shall consist of preparatory work and operations, including but not limited to, the movement of personnel, equipment, supplies and incidentals to the project site; the establishment of all offices, buildings and other facilities necessary for work on the project, and for all other work operations that must be performed and costs incurred prior to beginning work on the various items on the project site.

Subsection 109.7 - Payment for Bond Issue and Budget Projects: Add the following.

- C. The final pay estimate will be initially processed by the Owners's Construction and Operations Division on a Tuesday, Tuesdays being the only day the Contractor may submit a pay estimate.

**CONTRACT FCD 93-48
CONSTRUCTION SPECIAL PROVISIONS**

SECTION 225 - WATERING

Watering shall conform to Section 225 of MAG, except as modified herein. Watering shall consist of sprinkling the crest of the structure prior to the grading operation and after the placing and spreading of the untreated base material. The final application of water shall be such that the untreated base will be thoroughly wetted prior to the rolling operation. No separate payment will be made for this item; the cost of watering will be included in the bid price for the items listed.

The contractor shall be responsible for all required dust control measures as per MAG Subsection 104.1.3 and 225.1. No separate payment will be made for dust control or clean-up of the site.

SECTION 301 - SUBGRADE PREPARATION

Subgrade preparation shall be in accordance with Section 301 of MAG and shall consist of grading the existing road surface. The grading will be done for the purpose of smoothing the surface only and not for any extensive excavation or filling operation. Line and grade control will not be required; however, the completed work shall be centered, as near as practicable, on the existing road.

Relative compaction shall be in accordance with MAG Subsection 301.3 (B). No separate payment will be made for this item.

SECTION 310 - UNTREATED BASE

Gravel Road Surfacing shall conform to Section 310 of MAG, except as modified herein.

Materials for Gravel Road Surfacing shall comply with MAG Subsection 702.2 Crushed Aggregate, or with MAG Subsection 702.3, Processed Natural Material.

Material gradation for Gravel Road Surfacing shall be in accordance with MAG TABLE 702, Aggregate Base.

The Gravel Road Surfacing shall be placed in the locations indicated on the plans in accordance with Subsection 310.2. The nominal compacted thickness shall be four (4) inches. The minimum allowable compacted thickness is three and one half (3½) inches. The nominal width of the gravel road is fourteen (14) feet.

Subsection 310.3, delete TABLE 310.

Measurement for payment will be made in accordance with Section 109, Supplementary General Conditions herein. Payment will be made at the price bid per square yard for bid item 310 - GRAVEL ROAD SURFACING.

SECTION 430 - LANDSCAPING AND PLANTING

Add the following new Subsection to Section 430:

Subsection 430.4.1 - CRUSHED AGGREGATE COVER

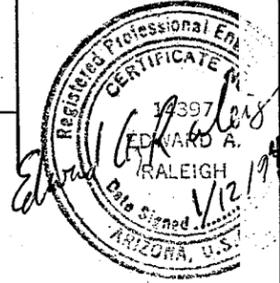
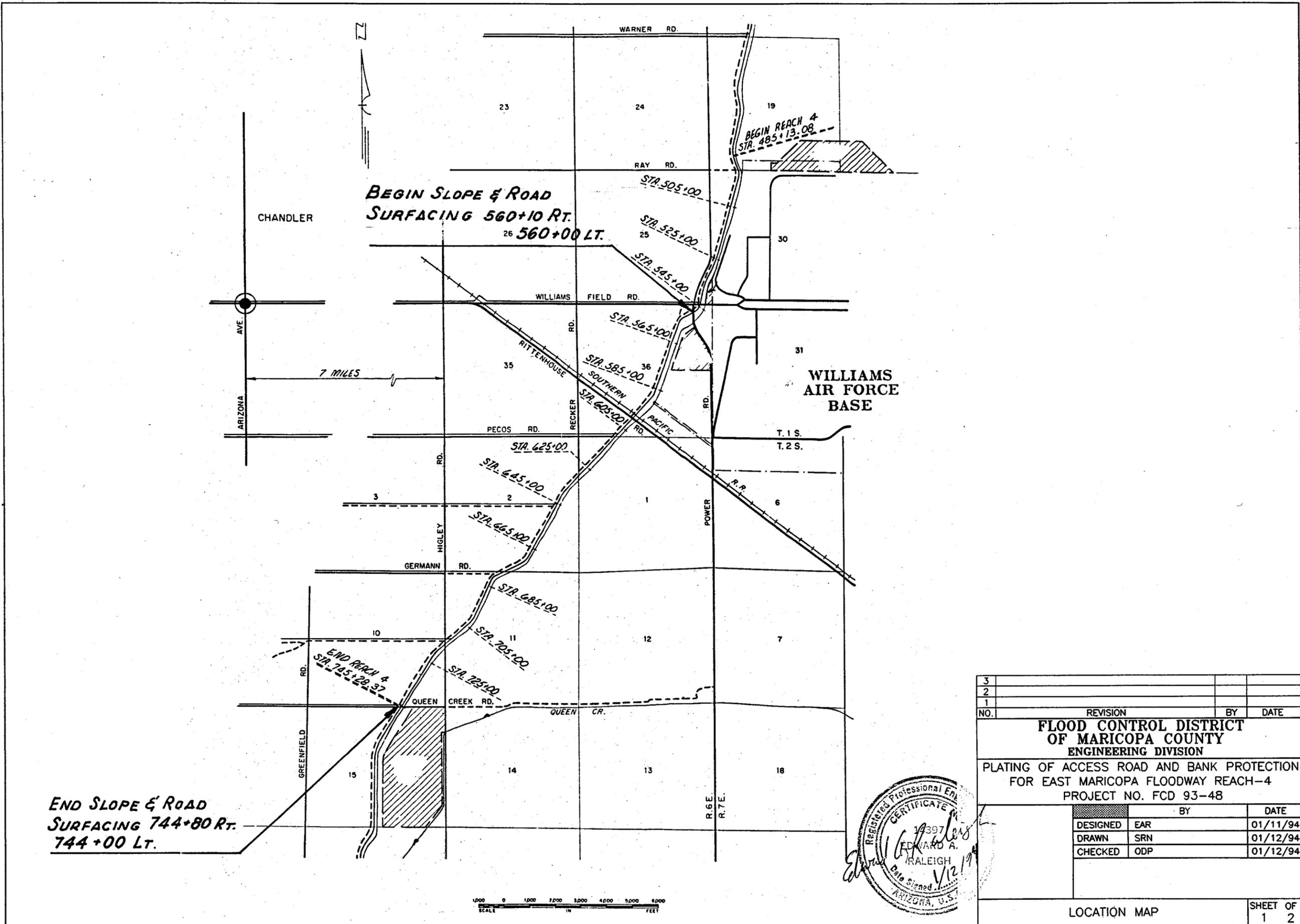
This item consists of furnishing and placing crushed aggregate cover on the left and right channel slopes, ~~and shoulders between the O&M road and fence~~ from Sta. 560+00 to Sta. 744+80, as shown on the drawings.

Crushed aggregate cover shall be placed at a nominal thickness of two (2) inches. Rills shall be filled with crushed aggregate, and the remaining aggregate shall be spread uniformly over the entire surfaces. Crushed aggregate shall be a minimum of one and one half (1½) inches thick over all specified surfaces. The cover thickness of the aggregate cover shall be determined by physical measurement by the Engineer at random locations.

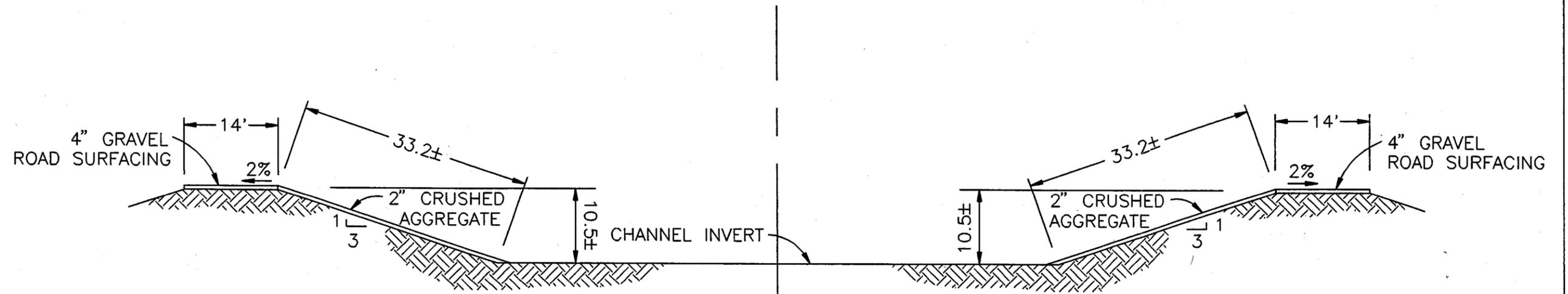
The crushed aggregate cover materials shall be crushed rock, in accordance with Section 702.2, and shall be graded as follows per ASTM C 136:

<u>SIEVE SIZE</u>	<u>PERCENT PASSING</u> (by Dry Weight)
1 1/2"	100
3/4"	10 - 20
#4	0 - 10

Measurement for payment will be made in accordance with Section 109, Supplementary General Conditions herein. Payment will be made at the price bid per square yard for bid item 430 - CRUSHED AGGREGATE COVER ON SIDE SLOPES.



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NO.	REVISION	BY	DATE
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY ENGINEERING DIVISION			
PLATING OF ACCESS ROAD AND BANK PROTECTION FOR EAST MARICOPA FLOODWAY REACH-4 PROJECT NO. FCD 93-48			
		BY	DATE
DESIGNED	EAR		01/11/94
DRAWN	SRN		01/12/94
CHECKED	ODP		01/12/94
LOCATION MAP			SHEET OF 1 2



BOTTOM WIDTH VARIES
150' + 200'

TYPICAL SECTION

RIGHT SLOPE & ROAD SURFACING STA. 560+10 TO STA. 744+80
 LEFT SLOPE & ROAD SURFACING STA. 560+00 TO STA. 744+00
 OMIT STA. 675+08 TO STA. 677+03.50 LT. & RT. AT WIER

Edward R. Ruler
1/12/94

3			
2			
1			
NO.	REVISION	BY	DATE
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY ENGINEERING DIVISION			
PLATING OF ACCESS ROAD AND BANK PROTECTION FOR EAST MARICOPA FLOODWAY REACH-4 PROJECT NO. FCD 93-48			
		BY	DATE
	DESIGNED	EAR	01/11/94
	DRAWN	SRN	01/12/94
	CHECKED	ODP	01/12/94
TYPICAL SECTION			SHEET OF
APPROXIMATE STA. 560+00 TO STA. 744+80			2 2