

City of Phoenix - Water Services Dept / Planning & Development Dept
Vertical Realignment of 12" and Smaller Water Mains **Standard Detail DCE-D01**

PROJECT NAME:	DJECT NAME: LOCATION:		
PROJ / KIVA / CCPR / CSPR/ WSPR #:			
BEGIN STA 0+00 AT NEAREST PLATTED STREET (ML) INTERSECTION:		&	
Q.S.#:			
PAVEMENT OR GROUND SURFACE			
\$22000			
OFFSET/STA	I	OFFSET/STA	
INVERT		PE INVERT	
COP VALVE #			
\	IIMUM INVERT	45° BEND (TYP.)	
6' MIN EACH	I SIDE		
EXIST W/L	2' MIN.	_ 🗱 🚻	
	T ENTER A FULL 18' PIPE LENGT	H VALVE #	
MTRL			
OFFSET/STA		OFFSET/STA	
INVERT		INVERT	
Λ TOTAL RESTRAINED DISTANCE D.I.P			
- V			
90°		RECORD DRAWING CERTIFICATION: I HEREBY CERTIFY THAT THE "RECORD DRAWING" MEASUREMENTS AS SHOWN HEREON WERE MADE UNDER MY SUPERVISION OR AS NOTED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.	
		REGISTERED ENGINEER DATE	
		REGISTRATION #	
√			
CROSSING ANGLE		ENGINEER:	
INDICATE NORTH		CONTACT:	
	CALL TWO WORKING DAYS	ADDRESS:	
	BEFORE YOU DIG 602-263-1100		
	1-800-STAKE-IT	PHONE #:	
For City Use Only:			
Approved By: Date:	_		
Dept. Approval P&D WSD			
Plan Reviewer			
eet 1 of 2 Refer to Sheet 2 of 2 for Construction Notes	ENGINEER'S SEA	L AS-BUILT SEAL	



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VERTICAL REALIGNMENT CONSTRUCTION NOTES

ALL CONSTRUCTION SHALL BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE UNIFORM STANDARD DETAILS AND SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) AND THE CITY OF PHOENIX (COP) SUPPLEMENTAL(SUPPL) STANDARD (STD) DETAILS (DTL) AND SPECIFICATIONS.

APPROVED RESTRAINT JOINTS SHALL BE PER COP SUPPL SUBSECTION 750.3 AND MAG STD DTL 303-1 AND 303-2.

RESTRAIN ALL PIPE JOINTS, SEPARATION AND CLEARANCE PER COP STD DTL P1370.

ALL ELEVATIONS SHOWN HERE ARE RELATIVE TO EACH OTHER.

TRAFFIC REGULATIONS SHALL BE PER CITY OF PHOENIX "TRAFFIC BARRICADE POLICY".

COMPACTION SHALL COMPLY WITH MAG SPEC 601- 95% MINIMUM IN A PUBLIC STREET.

A PAVEMENT CUT SURCHARGE MAY BE ASSESSED TO PROJECTS TRENCHING IN NEWLY PAVED OR OVERLAID PAVEMENT.

PAVEMENT REPLACEMENT THICKNESS AND TYPE ARE TO BE PER MAG SEC. 336, COP STD. DTL P1200 - TYPE B. CURB AND GUTTER REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION, PER MAG STD DTL 220. SIDEWALK REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL PANEL PER COP DTL P1230. AT THE DISCRETION OF THE COP INSPECTOR, TUNNELING UNDER EXISTING CURB AND GUTTER, IN COP ROW, WILL BE ALLOWED. TUNNELING UNDER EXISTING SIDEWALK WILL NOT BE ALLOWED IN THE COP ROW.

PLAN APPROVAL IS VALID FOR 180 DAYS. PRIOR TO PLAN APPROVAL EXPIRATION, ALL ASSOCIATED PERMITS SHALL BE PURCHASED OR THE PLANS SHALL BE RESUBMITTED FOR EXTENSION OF PLAN APPROVAL. THE EXPIRATION, EXTENSION, AND REINSTATEMENT OF CIVIL ENGINEERING PLANS AND PERMITS SHALL FOLLOW THE SAME GUIDELINES AS THOSE INDICATED IN THE PHOENIX BUILDING CODE ADMINISTRATIVE PROVISIONS SECTION 105.3 FOR BUILDING PERMITS.

PER THE CITY OF PHOENIX ORDINANCE G-4396, THIS PLAN IS FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX.

THE FOLLOWING DISCLAIMER CAN ONLY BE USED FOR LOCAL OR RESIDENTIAL STREETS. FOR MAJOR AND COLLECTOR STREETS, UTILITY CONFLICT NOTICES SHALL BE PROVIDED:

I HEREBY CERTIFY THAT ALL UTILITY COMPANIES WITH FACILITIES IN THE AREA OF THIS PROJECT HAVE BEEN CONTACTED AND THE DATA PROVIDED IS SHOWN ON THIS PLAN. I AGREE TO INDEMNIFY, DEFEND, SAVE AND HOLD HARMLESS THE CITY OF PHOENIX, ITS OFFICERS, OFFICIALS, AGENTS, EMPLOYEES AND VOLUNTEERS FROM ANY AND ALL CLAIMS, DEMANDS, ACTIONS, LIABILITIES, DAMAGES, LOSSES, OR EXPENSES INCURRED FOR ANY UTILITY CONFLICTS THAT MAY ARISE.

ENGINEER'S SIGNATURE, SEAL AND DATE