INVITATION FOR BIDS Duncan Waterline Crossing Duncan, Arizona

The Town of Duncan will be accepting bids for a Bore under Highway 70 and the Eastern Arizona Railroad track. Specifications can be obtained by contacting Town Hall located at 506 SE Old West Hwy, Duncan, AZ. (928) 359-2791. Bids are due at 1:00 PM on June 30, 2025.

Run twice

ADOT GENERAL NOTES - MINIMUM REQUIREMENTS:

- ALL WORK SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH ADOT 2021 EDITION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, MAY 2012 CONSTRUCTION STANDARD DRAWINGS, SIGNING & MARKING STANDARD DRAWINGS. TRAFFIC SIGNALS & LIGHTING STANDARD DRAWINGS ALONG WITH ALL CURRENT REVISIONS, THE CURRENT ADOT GUIDELINE FOR ACCOMMODATING UTILITIES ON MIGHWAY RIGHTS-OF-WAY MANUAL AND ALL PERMIT REQUIREMENTS FROM THE APPROVED PERMIT PACKAGE
- ALL WORK NOT IN CONFORMANCE WITH THESE PLANS AND ADOT SPECIFICATIONS SHALL BE REMOVED AT THE CONTRACTOR'S EXPENSE.
- TRAFFIC SHALL BE PROTECTED IN ACCORDANCE WITH THE LATEST VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE ARIZONA SUPPLEMENT MODIFICATIONS DATED JANUARY 13, 2012, AND THE ADOT TEMPORARY TRAFFIC CONTROL DESIGN GUIDELINES 2019.
- D. THE PERMITTEE/CONTRACTOR SHALL COMPLY WITH ALL ENVIRONMENTAL LAWS. COLLECTIVELY TO ANY AND ALL FEDERAL, STATE OR LOCAL STATUTE, LAW ORDINANCE, CODE, AND RULE OF REGULATION.
- E. A VALID PERMIT WILL BE REQUIRED TO BE ON SITE FOR ANY WORK TAKING PLACE IN ADOT RIGHT OF WAY
- ADOT MAY MAKE PERIODIC SITE INSPECTIONS AND RESERVES THE RIGHT TO REVISE THE LOCATION OF ANY PROPOSED ENCROACHMENTS, SEDIMENT TRAPPING DEVICES AND THE TYPES OF STRUCTURAL CONTROLS AS THE FIELD CONDITIONS DICTATE. THE CONTRACTOR AGREES TO IMPLEMENT ANY SUCH REVISIONS AT ADOT REQUEST.
- 6. BLUE STAKE LAWS AND SECTION 107-15 OF THE SPECIFICATIONS, REQUIRES ANYONE PERFORMING ANY EXCAVATION ACTIVITY TO CONTACT BLUE STAKE. PERMITTEE SHALL CALL 811 OR 1-800-STAKE-IT TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, OR PERMITTEE MAY CREATE AN ONLINE E-STAKE TICKET AT WWW.ARIZONA611, ORG TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION. PLEASE PROVIDE YOUR ADOT PERMIT NUMBER TO THE BLUE STAKE OPERATOR.



	Sheet List Table										
NO.	SHEET TITLE										
1	COVER SHEET										
2	SYMBOLS										
3	ABBREVIATIONS AND GENERAL NOTES										
4	BORING DETAILS										
5	SITE PLAN										
6	PLAN AND PROFILE										
7	SWPP DETAILS										

VICINITY MAP NOT TO SCALE





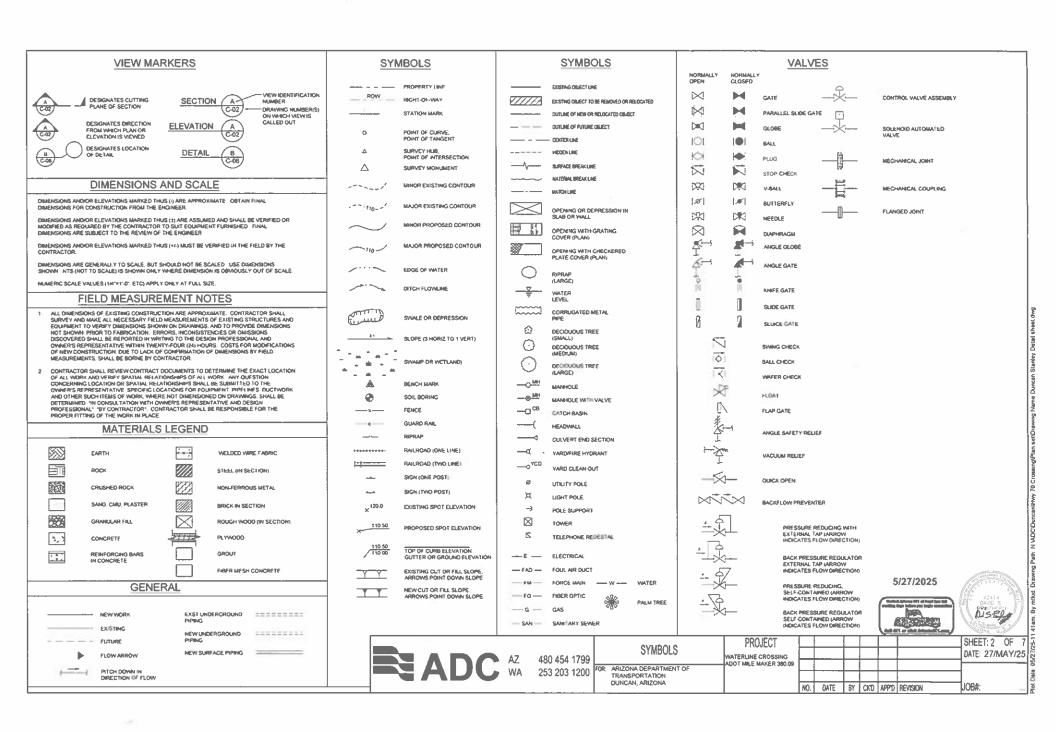
COVER SHEET DUNCAN, ARIZONA

PROJECT WATERLINE CROSSING

DATE: 27/MAY/25 JOB#: NO. DATE BY CKD APPD REVISION

5/27/2025

SHEET: 1 OF

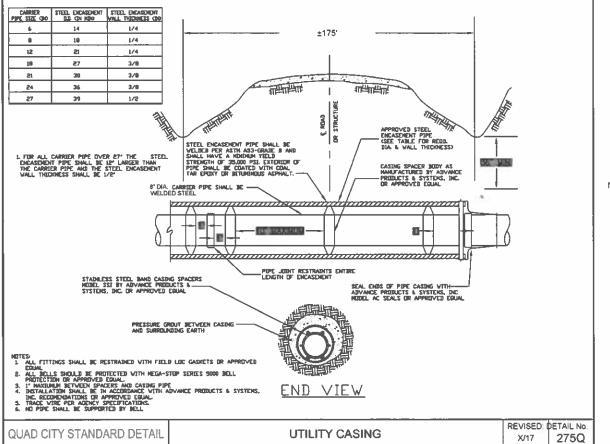


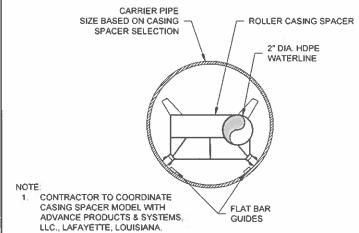
THE THREE THREE			TEBLETIATION			<u> </u>					
12,	Y-STRAINER		FLANGED JOINT	AAC	ARIZONA ADMINISTRATIVE CODE	ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND PER THE MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) "LINFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS.	19 THE ENGINEER IS NOT RESPONSIBLE FOR ANY COSTS IN COORDINATION OF UTILITY RELOCATION ACTIVITIES.				
Y	DRAIN	f-h		ARS ASPH	ARIZONA REVISED STATUTES ASPHALT	CONSTRUCTION: - 2020 EDITION WITH 2021 REVISION (OR NEWER EDITION IF APPLICABLE)	20 WHERE APPLICABLE, THE CONTRACTOR WILL COMPLY WITH CHAPTER 181. ARTICLE 6.4 OF THE ARIZONA REVISED STATUTES ARS 40-380.41-45 RELATED TO OVERHEAD POWERLINE SAFETY LAW.				
ı			MECHANICAL JOINT	AVV	AIR VACUUM VALVE	2 A PRE-CONSTRUCTION MEETING VILL BE HELD AT THE JOB SITE A MINIMUM OF 48-HOURS PRIOR TO CONSTRUCTION COMMENCEMENT	21 THE CONTRACTOR WILL MAINTAIN ACCESS TO EXISTING LINDERGROUND AND				
\prec	SPRAY NOZZLE		PUSH-ON JOINT	BEP	BLIND FLANGE BACK FLOW PREVENTOR	3 THE CONTRACTOR WILL ALWAYS MAINTAIN A COPY OF THESE PROJECT PLANS AND SPECIFICATIONS AT THE JOB SITE.	ABOVE GROUND UTILITY STRUCTURES THAT LOCAL UTILITY COMPANIES MAY NEED TO PERIODICALLY ACCESS				
$\overline{\mathcal{A}}$	CENTRIFUGAL PUMP			COP	CONCRETE CITY OF PRESCOTT	4 THE CONTRACTOR IS ENCOURAGED TO MAKE AN ON-SITE VISIT TO VERIFY THE SITE CONDITIONS PRIOR TO BIDDING THE PROJECT. THE SUBMISSION OF A	22. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS REQUIRED FOR CONSTRUCTION OF THE PROJECT UNLESS OTHERWISE NOTED				
			WELDED JOINT	DEMO DIA Ø	DEMOLISH DIAMETER	FORMAL BID SHALL SERVE AS ACKNOWLEDGENEN! THAT THE CONTRACTOR IS SATISFIED THA! HE CAN PERFORM THE WORK BASED UPON THE EXISTING	23. EXISTING UNDERGROUND LITELTY SEPARATION WILL COMPORM TO THE APPROPRIATE SECTIONS OF THE MAG STANDARD SPECIFICATIONS AND				
T	INLINE PUMP		GROOVED END MECHANICAL COUPLING	OIP	DUCTILE IRON PIPE	FIELD CONDITIONS 5 PRIOR TO COMMENCING WORK, THE CONTRACTOR WILL FULLY SATISFY	DETAILS (DETAILS 403, 404, AND 405) AND THE REQUIREMENTS OF THE ARIZONA DEPARTMENT DE ENVIRONMENTAL QUALITY (ADEC) BULLETINS 10 & 11				
$-\bigcirc$				Et.	EACH FACE		24. ALL NEWLY INSTALLED BURGED PIPING WALL HAVE A MINIMUM COVER OF 3 FEET WALES OFFICEMISE SHOWN IN THE PROJECT PLANS AND WILL BE COMPACTED TO THE REQUIREMENTS OF THE MAS PROFICEFICATIONS AND SUPPLEMENTED BY				
	BLIND FLANGE		SLEEVE TYPE WECHANICAL COUPLING	EAA EF	ELEVATION EACH WAY	6 THE CONTRACTOR WILL INMEDIATELY NOTIFY THE ENGINEER OF ANY UNUSUAL	ANY PROJECT RELATED GEOTECHNICAL REPORT,				
—D	WELDED CAP	_ ^		EXST FAD	EXISTING FOUL AIR DUCT	DISCREPANCIES (FIELD OR PLANS) THAT COULD BE PROBLEMATIC DURING CONSTRUCTION	25. TRENCH EXCAVATIONS AND CUT BLOPES WILL COMPLY WITH ALL APPLICABLE OSHA STANDARDS AND WILL HAVE SAFETY FENCING OR BARRICADES INSTALLED TO PROTECT PEDESTRIANS AND THE PUBLIC DURING				
-]	THREADED CAP		RESTRAINED SLEEVE TYPE MECHANICAL COUPLING	हरू	FINISH FLOOR	7 UNLESS ÖTHERWISE NOTED. THE WORKING HOURS FOR THIS PROJECT ARE 7 00AM TO 4 00PM MONDAY THROUGH FRIDAY, EXCLUDING LEGAL HOUDAYS	NON-CONSTRUCTION HOURS.				
	PIPE PLUG		FLANGED COUPLING	FM FO	FIBER OPTIC	AND WEDGENOS 8 ALL CONTRACTOR AND/OR SUBCONTRACTORS PERFORMING WORK ON OR	28. SUBSURFACE VALVE VALUES, MANHOLES, AND UTILITY STRUCTURES WILL BE CONSTRUCTED WITHOUT RUNGS OR STEPS				
D	CONCENTRIC REDUCER		ADAPTER	G HEX	GAS HEXAGON	RELATED TO THESE PLANS WILL CONDUCT THEIR OPERATIONS SO THAT EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THAT THE PUBLIC IS PROTECTED. THE CONTRACTOR FURTHER AGRESS THAT HESSHE WILL ASSUME	27. TRAFFIC CONTROL WILL BE HASED UPON THE "MANUAL OF LINFORM TRAFFIC CONTROL DEVICES". LATEST EDITION, THE CURRENT CITY OF PHODENIX TRAFFIC BARRICAGE MANUAL," AND ANY APPLICABLE LOCAL MUNICIPAL.				
۵	ECCENTRIC REDUCER		RESTRAINED FLANGED COUPLING ADAPTER	HORZ HWL	HORIZONTAL HIGH WATER LINE	SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS THROUGHOUT THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING	GUIDHLINES				
		# -11 H	and an arrangement of the second	IE INV	INVERT ELEVATION INVERT	THE SAFETY OF ALL PERSONS AND PROPERTY. THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND ARE NOT LIMITED TO "NORMAL WORKING HOURS".	28 THE CONTRACTOR WILL UTILIZE FLAGMEN DURING WORKING HOURS WHEN DEEMED NECESSARY BY THE DWNER				
<u>u</u>	METER		EXPANSION JOINT	LWL	LOW WATER LINE	9 THE CONTRACTOR SHALL DEFEND: INDEMNEY, AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ALL LABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THEIR WORK ON THIS PROJECT, UNLESS ARISING	29. TRAFFIC SIGNAL SHATDOWNS 172-HOUR ADVANCE MOTICE) SMALL BE COORDINATED WITH THE OWNER AND MAY REQUIRE THE PRESENCE OF UNKNORMED POLICE! OFFICERS TO DIRECT TRAFFIC. ALL RELATED COSTS FOR				
G	90" BEND PIPE TURN DOWN	<u> </u>		MAG	MARICOPA ASSOCIATION OF GOVERNMENTS MAXIMUM	FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.	THE USE OF POLICE OFFICERS WILL BE BORNE BY THE CONTRACTOR				
o—	90° BEND PIPE TURN UP			MH	MANIQLE	10. TWO WORKING DAYS BEFORE CONSTRUCTION COMMENCEMENT, THE CONTRACTOR WALL CONTACT - ARZONA BLUESTAKE FOR THE MARKING OF EXISTING UNDERGROUND LITELTIES. LITELTIES THAT ARE NOT PART OF THE	 INE CONTRACTOR WILL MAINTAIN ACCESS TO PRIVATE RESIDENCES AND COMMERCIAL BUSINESSES THROUGHOUT THE INFE OF THE PROJECT USING STEEL TRENCH PLATES WHERE AND WHE WAS CESSARY. 				
-::	45" BENO			N NO	NORTHING MUMBER	ARIZONA BLUESTAKE SYSTEM WILL BE CONTACTED DIRECTLY BY THE CONTRACTOR TO COORDINATE UTILITY MARKING PRIOR TO COMMENCING ANY LINGERGROUND EXCAVATION WORK.	31. CONSTRUCTED WATERLINE DISINFECTION WALL COMPLY WITH ADEQ BULLETIN 8 TRISING FICTION OF WATER BYSTEMS - 1978*				
	UNION			NSF O.C	NATIONAL SCIENCE FOUNDATION ON CENTER	11 THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTORS	32. ALL NEW UTILITY PRESSURE AND/OR LEAKAGE TESTING WILL BE PERFORMED IN				
=	PIPE GUIDE			PVC	POLYVINYL CHLORIDE	CONSTRUCTION MEANS AND METHODS, SCHEDULING, TECHNIQUES, SAFETY, OR ANY DTHER PROGRAMS NEEDED TO CARRY OUT THE PERFORMANCE OF THE WORK.	THE PRESENCE OF CITY STAFF, THE ENGINEER, OR THE OWNERS DESIGNATED AGENT				
				REINF	REINFORCING RESTRAINED FLANGE COUPLING ADAPTOR	12. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY CHANGES MADE TO THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN AUTHORIZATION BY THE	33. THE CONTRACTOR IS RESPONSIBLE FOR THE IMPLEMENTATION OF STORMMATER, DRAINAGE, AND EROSKON CONTROL MEASURES FOR THE DURATION OF CONSTRUCTION				
				SAN	SANITARY SEWER SQUARE	OWNER OR DESIGN ENGINEER.					
				\$\$/\$\$T \$WPPP	STAIMLESS STEEL STORM WATER POLLUTION PREVENTION PLAN	13. NOTHING IN THESE CONTRACTUAL DOCUMENTS WILL CREATE OR BE CONSTITUED TO CREATE A CONTRACTUAL RELATIONSHIP BET PHÉNT THE ENGINEER AND THE CONTRACTOR OR ANY CONSTRUCTION SUBCONTRACTOR					
				יירן או	TYPICAL WATER	 ALL CONSTRUCTION ELEVATIONS ARE BASED UPON THE PROJECT BENCHMARK AS DEFINED ON THE COVER SHEET OF THESE DOCUMENTS. 					
					WITH AT	 THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY EXISTING SURVEY MONUMENT DAMAGED DURING THE PROGRESSION OF THEIR WORK. 					
						18. THE CONTRACTOR WILL MAINTAIN A NEAT AND TIDY APPEARANCE OF THE JOB SITE AND SHALL REMOVE ALL RUBBISH LINUSED MATERIALS, DEMOLITION DEBRIS, OVER EXCAVATED SOILS, AND DESTROYED VEGETATION AS SOON AS PRACTICAL DURING CONSTRUCTION ACTIVITIES					
						17 EXISTING LITELITY INFORMATION (HORIZONTAL & VERTICAL) HAS BEEN OBTAINED FROM YARDUS LITELITIES. THE ENGINEER ASSUMES NO RESPONSIBILITY AS TO THE ACCURACY OF THESE COLLECTIVE "AS-BURLT DRAWMED."	The state of the s				
						18. ALL UT-LITIES (UNDERGROUND AND OVERHEAD) WILL BE PROTECTED FROM	5/27/2025				
						OMAKGE THROUGHOUT THE DURATION OF THIS PROJECT WORK, ANY UTILITY DAMAGE BY THE CONTRACTOR'S PERFORMANCE OF HIS WORK WAIL SE REPARED OR REPLACED BY THE CONTRACTOR (OR THEIR ENGAGED SUBCONTRACTOR) TO THE SATISFACTION OF THE CORRESPONDING UTILITY COMPANY OR PRIVATE PROPERTY OWNER	(Cardy of USE)				
						ABBREVIATIONS AND GENERA	L PROJECT SHEET: 3				
					■ AD		WATERLINE CROSSING DATE: 27/MA				
					TAU	WA 253 203 1200 FOR ARIZONA DEPARTMENT OF TRANSPORTATION DUNGAN, ARIZONA					
				1		CONTRACT, AVIETORS	NO. GATE BY CKD APPT REVISION JOB#:				

NOTES

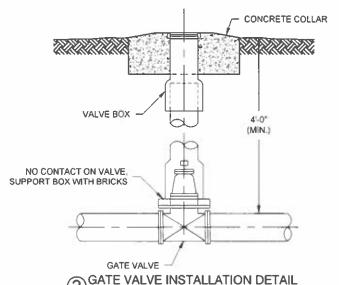
ABBREVIATIONS

PIPE AND FITTINGS





CASING PIPE WITH ROLLER CASING SPACER NOT TO SCALE



NOT TO SCALE

CONSTRUCTION NOTES:

1... DISINFECTION AND PRESSURE TEST (ADEQ)

CASING INSTALL

CASING SPACERS INSTALL

4. BAC-T SAMPLING



	PROJECT WATERLINE CROSSING						_
R: ARIZONA DEPARTMENT OF TRANSPORTATION DUNCAN, ARIZONA	ADO™MILE MAKER 380.09	NO.	DATE	BY	CKD	APP'D	REVISI

5/27/2025 SHEET: 4 OF DATE: 27/MAY/25

JOB#:

