

YREKA WATERLINE MODIFICATION PROJECT
YREKA PIPELINE

SEGMENT #:	OPTION:	PIPE DIAMETER & WALL THICKNESS DATA										PIPE JOINT DATA				PIPE COATING AND LINING DATA				PIPE STICK DATA	
		PIPE MATERIAL GROUP NO.	FROM STATION #:	TO STATION #:	~ SEGMENT LENGTH	LOCATION	STEEL SHELL OUTSIDE DIAM	STEEL SHELL INSIDE DIAM	MIN. WALL THICKNESS	MIN REQ'D STEEL YIELD STRESS	HYDRO STATIC PRESSURE	MIN. HYDRO-STATIC TEST PRES.	JOINT TYPE	INSIDE JOINT WELD REQ'D?	OUTSIDE JOINT WELD REQ'D?	RESTRAINED JOINT?	PIPE LINING SYSTEM	PIPE COATING SYSTEM	HANDHOLE REQ'D?	SWABBING REQ'D	MIN. REQUIRED STICK LENGTH
		(NOTE 1)	(NOTE 1)	(NOTE 1)	(FT)		(INCHES)	(INCHES)	(INCH, NOTE 2)	(KSI)	(PSIG)	(PSIG, NOTE 3)									(FT)
1	A	6 (ASTM A53, LONG. WELD)	00+00	21+77	2,177	SOUTH TIE IN LOCATION TO SOUTH EDGE OF BRIDGE	24	23.3	0.3750	36	300	375	BUTT WELD - SINGLE OUTSIDE BEVEL (DETAIL C703)	NO	YES	YES	LIVID EPOXY PER AWWA C210	CONCRETE MORTAR PER AWWA C205 OR FUSION BONDED EPOXY AWWA 213	YES	NO	40
	B	8 (AWWA C200, SPIRAL WELD)					25	24.4	0.3125	42							CONCRETE MORTAR PER AWWA C205	CONCRETE MORTAR PER AWWA C205	YES	YES	40
2			21+77	24+40	263	BRIDGE CROSSING: SOUTH EDGE OF BRIDGE TO NORTH EDGE OF BRIDGE					300	375	FLANGED JOINT - ANSI B16.5 CLASS 300 STEEL FLANGES	NO	NO	YES					
	B	8 (AWWA C200, SPIRAL WELD)					25	23.5	0.750	42							LIVID EPOXY PER AWWA C210	LIVID EPOXY PER AWWA C210	NO	NO	40
3	A	6 (ASTM A53, LONG. WELD)	24+40	32+67	827	NORTH EDGE OF BRIDGE TO NORTH TIE IN LOCATION	24	23.3	0.3750	36	300	375	BUTT WELD - SINGLE OUTSIDE BEVEL (DETAIL C703)	NO	YES	YES	LIVID EPOXY PER AWWA C210	CONCRETE MORTAR PER AWWA C205 OR FUSION BONDED EPOXY AWWA 213	YES	NO	40
	B	8 (AWWA C200, SPIRAL WELD)					25	24.4	0.3125	42							CONCRETE MORTAR PER AWWA C205	CONCRETE MORTAR PER AWWA C205	YES	YES	40
				TOTALS:	3,267																

NOTES:

- CONTRACTOR'S PIPE SUPPLIER SHALL VERIFY ALL EXACT STATION VALUES W/ THAT OF CONTRACT DRAWING PLAN & PROFILES AND THE APPROVED SHOP DRAWINGS, & PROVIDE EXACT LENGTHS AS REQ'D.
- CONTRACTOR'S PIPE SUPPLIER SHALL VERIFY REQ'D PIPE WALL THICKNESSES TO MEET ALL REQUIREMENTS OF SPEC SECTION 40 23 15 ASTM A53 & 33 11 11 AWWA C200. WALL THICKNESSES SHALL NOT BE LESS THAN THOSE SHOWN IN TABLE.
- MIN. HYDROSTATIC TEST PRESSURES INCLUDES A 75 PSIG TESTING/SURGE ALLOWANCE ABOVE THE MAX. STATIC PRESSURE OF SECTION BEING TESTED. HYDROSTATIC TEST PRESSURE SHALL BE MEASURED AT THE LOWEST SECTION OF THE PIPELINE REACH BEING TESTED. (SEE SPEC SECTION 01 74 30-PRESSURE PIPELINE TESTING).

REV	DATE	BY	DESCRIPTION
1	6/10/22	JAL	REVISED - ISSUED FOR CONSTRUCTION
0	5/25/22	JAL	ISSUED FOR CONSTRUCTION

WARNING
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.



KLAMATH RIVER RENEWAL CORPORATION
CITY OF YREKA WATER LINE

PIPE OPTION SUMMARY

DESIGNED J. BURNS
DRAWN R. WOOD
CHECKED J. LOWY
PROJECT DATE 5/25/22

DRAWING
G008