



BAX PROJECT NAME : PHILLIPS 66 PERUQUE CROSSING  
 BAX PROJECT NO. : 00-11282M  
 DESIGN DATE : 9-20-06  
 DESIGNED BY : SWR  
 SUBMITTED: 9-21-06 FILENAME: 11282M

UPP STR	LOW STR	L	DIA	UPPER FL LN	LOWER FL LN	PS	UPPER ST EL	DEPTH HY GR	UPPER HY EL	LOWER HY EL	HYDR GRADE	FR HEAD	VEL HEAD	JUNC LOSS	TURN LOSS	CURVE LOSS	STR GRADE	INL CAP	DR AREA	PI	Q	TQ	PIPE CAP	REMARKS
DCI110	CI105	150	12	556.81	555.31	1.00	561.92	4.55	557.37*	556.31	.00350	0.53	2.70	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.12	3.56	1
DIS-2	CI109	7	12	556.68	555.09	22.71	560.68	3.78	556.90*	556.09	.00180	0.01	1.95	0.06	0.00	0.00	0.00	0.00	0.00	0.00	3.07	1.53	16.98	2
CI109	CI108	104	12	554.89	553.85	1.00	562.10	6.25	555.85	554.85	.00740	0.77	3.91	0.24	0.23	0.04	0.00	0.00	0.00	0.00	3.07	3.07	3.56	3
CI108	GI107	117	15	553.65	552.48	1.00	560.89	6.58	554.31*	553.73	.00300	0.35	2.88	0.13	0.00	0.00	0.00	0.00	0.00	0.00	3.53	6.46	4	
GI107	CI106	101	15	552.28	551.27	1.00	562.43	9.33	553.10	552.52	.00450	0.45	3.51	0.19	0.13	0.06	0.00	0.00	0.00	0.00	4.31	6.45	5	
CI106	CI105	92	15	551.07	550.15	1.00	562.10	9.79	552.31	551.40	.00760	0.70	4.58	0.33	0.21	0.04	0.00	0.00	0.00	0.00	5.62	6.46	6	
CI105	AI104	220	18	548.02	531.85	7.36	562.40	13.82	548.58*	533.35	.00620	1.35	4.66	0.34	0.36	0.41	0.00	0.00	0.00	0.00	8.24	28.49	7	
AI104	MH103	67	24	531.65	530.98	1.00	542.16	3.06	533.10	532.98	.00180	0.12	3.07	0.15	0.00	0.00	0.00	0.00	0.00	0.00	9.53	22.57	8	
MH103	FE102	73	24	522.00	519.80	3.03	539.00	16.18	522.82*	521.80	.00370	0.27	4.35	0.29	0.21	0.04	0.00	0.00	0.00	0.00	13.68	39.38	9	

\* INDICATES CRITICAL DEPTH  
 STORM PIPING MUST HAVE AT LEAST 1% SLOPE FOR PIPES.  
 ALL SEWER PIPING MUST HAVE AT LEAST 36" OF COVER ON TOP OF PIPE.

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE LOCATED PRIOR TO ANY GRADING OR CONSTRUCTION OF THE IMPROVEMENTS.

E:\DWC\A11000PLUS\11282M-MIKE JONES PERUQUE CROSSING\CONSTRUCTION\11282MCON.DWG, PROFILES 9, 11/15/2006 9:03:59 AM, 1:1, Sta 36 SWR