PROJECT REFERENCE NO.	SHEET NO.
R-5861	3D-14

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
REGIONAL TIER

Note: Invert Elevations indicated are for Information Purposes only and should be verified by the contractor for project construction stakeout.

LIST OF TEMPORARY PIPES, ENDWALLS, ETC. (FOR PIPES 54" & OVER)

STATION	OFFSET	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	% MINIMUM REQUIRED SLOPE	R.C. PIPE (CLASS NOTED) 54" RCP-III	60" RCP-III	66" RCP-III	72" RCP-III	66" RCP-IV		C.S. PIPE (UNLESS NOTED OTHERWISE) 54" SHOP ELON-GATED .109	.138	60" .138	.168	66" .138	.168	TEMPORARY PIPE (TYPE AS NOTED) 60" CSP	60" RCP	66" RCP	TRENCHLESS INSTALLATION (PIPE AS NOTED) 60" WELDED STEEL	66"	72"	REINFORCED ENDWALLS WITH R.C. - C.Y.	WITH C.S. - C.Y.	MASONRY DRAINAGE STRUCTURES CUBIC YARDS	C.B. STD. 840.01 OR 840.02	FRAMES, GRATES & HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	CONCRETE TRANSITIONAL SECTION DROP INLET	CATCH BASIN	OTCB	J.B. STD. 840.31 OR 840.32		G.D.I. TYPE "A" STD. 840.17 OR 840.26	TB.JB STD. 840.34	M.H. FRAME AND COVER STD. 840.54	SPECIAL DETAIL JB	SPECIAL DETAIL 2GIA	SPECIAL DETAIL HW	G.D.I. (N.S.) FR. WITH TWO FLAT GRATES STD. 840.29		FLOWABLE FILL (CY)	REINF. CONC. FLARED END SECTIONS NO. & SIZE	CORR. STEEL FLARED END SECTIONS NO. & Size	CS PIPE ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD. 840.72	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	PIPE REMOVAL LIN. FT.	REMARKS
DETOURS																																																						
- L_DET1- 31+31.74	10	RT	D1-2	D1-3		1688.9	1686.8	0.7%		28											*																															2.9		76	
- L_DET3- 15+62.55		RT	D3-1	D3-2		1636.8	1632.9	0.0042		52											*																																	52	
- L_DET3- 15+70.00	13	RT	D3-2		1639.7																							4.1											1															SLAB LID FOR JB
-L_DET3- 15+60		LT	D3-7		1639.2																							4.10																										SLAB LID FOR JB
-L_DET3- 15+60		LT	D3-7	D3-8		1632.4	1632.0	0.3%								36				*																															2 @ 60"			34	
DETOUR TOTALS									0	80	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	8.2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2 TOTAL	2.9	0	162	
TEMP & DETOUR TOTALS									0	80	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	8.2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2 @ 54"				
																																																			2 @ 60"				
FINAL TOTALS									184	272	504	208	56	0	84	0	0	68	0	0	0	0	0	400	232	29.6	19.8	101.49	0	0	0	0	0	0	0	1	3	0	1	2	9	4	1	2	2	0	402	0	0	0	0	0	0	2 @ 66"		0.0	646	
PROJECT TOTALS									184	272	504	208	56	0	84	0	36	68	0	0	0	0	0	400	232	30	20	110	0	0	0	0	0	0	0	1	4	0	1	3	9	4	1	2	2	0	402	0	0	0	0	0	0	6 TOTAL	2.9	0	924	

ABBREVIATIONS

C.B.	CATCH BASIN
N.D.I.	NARROW DROP INLET
D.I.	DROP INLET
G.D.I.	GRATED DROP INLET
G.D.I.(N.S.)	GRATED DROP INLET (NARROW SLOT)
J.B.	JUNCTION BOX
M.H.	MANHOLE
T.B.D.I.	TRAFFIC BEARING DROP INLET
T.B.J.B.	TRAFFIC BEARING JUNCTION BOX

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