RAL-2UA2440BPJ

COMPUTED BY:	CGM	DATE:	3/06/14
CHECKED BY:	JRR	DATE:	

PROJECT NO.	SHEET NO.
U-2579B	3D-23

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout. See "Standard Specifications For Roads and Structures, Section 300-5".

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

LINE & STATION / SIZE / THICKNESS OR GAUGE	OFFSET	STRUCTURE NUMBER FROM	STRUCTURE NUMBER TO	TOP ELEVATION FT.	INVERT ELEVATION FT.	INVERT ELEVATION FT.	MINIMUM REQUIRED SLOPE %	SIDE DRAIN PIPE (STATEWIDE TIER) (RCP, CSP, CAAP, HDPE, or PVC) 54	60	66	72	78	84	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE	DO NOT USE PVC	C. S. PIPE (SE: SHOP ELONGATED) 48 .109	54 .109	60	66	R. C. PIPE CLASS III 48	54	60	66	R. C. PIPE CLASS IV 54	60	66	R. C. PIPE CLASS V 54	60	66	72	60 " R.C. PIPE CULVERTS, CONTRACTOR DESIGN	REINFORCED ENDWALLS CY	DRAINAGE STRUCTURE MASONRY CY	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STD. 840.03 GRATE TYPE E	F	G	CONCRETE TRANSITIONAL SECTION D.I. STD. 852.04 OR STD. 852.06	C.B. STD. 852.05	OPEN THROAT C.B. STD. 840.04 OR STD. 840.05	J.B. STD. 840.31 OR STD. 840.32	M.H. FRAME AND COVER STD. 840.54	PIPE REMOVAL LIN. FT.	REMARKS
-L- 503+01	RT	0068		873.7	860.6																															5.070								1	1		JB w/MH
		0068	OUT		860.6	860.5		24																																							
-L- 504+53	RT	0069		871.1	861.6																															5.070								1	1		JB w/MH
		0069	OUT		861.6	861.5		24																																							
-L- 567+00	RT	0129																																		5.600											
		0129	0128		865.4	865.3			20																																						
-L- 566+82	RT	0128		874.2	865.3																															6.170								1	1		JB w/MH
		0128	0127		865.3	859.6			200																																					140	
-L- 564+79	RT	0127		870.0	859.6																																						1				4 OTCB
		0127	0126		859.6	854.4			152																																						
-L- 563+27	RT	0126		880.3	854.4																															6.170								1	1		JB w/MH
		0126	0125		854.4	849.1			152																																		1				4 OTCB
-L- 561+50		0125		856.0	846.8																																						1				4 OTCB
		0125	OUT		846.8	846.4			80																																						
-Y4LPA- 13+69	RT	0196																																	5.000												
		0196	0195		865.8	842.5																								368																117	
-Y4LPA- 15+00	LT	0195		847.9	842.0																																						1				4 OTCB
		0195	OUT		842.0	828.0																												308													
-L- 689+09		0304			855.0	843.0																											324		7.100												
-Y1DET- 17+30		0443			886.6	885.0														160															5.200												
-Y1DET- 19+50		0444			884.3	883.0														100															5.200												
-Y4- 107+20		0403		865.4	844.6																															5.070								1	1		JB w/MH
		0403	OUT		844.6	844.5		36																																							
-L- 667+63		0272	OUT		840.5	838.3																						340																			
-L- 667+73		0273	OUT		840.5	838.3																						340																			
-L- 667+83		0274	OUT		840.5	838.3																						340								9.900												
SHEET TOTALS								84	604											260								1020		368			324	308	32.400	33.150							4	5	5	257	
PROJECT TOTALS								84	604											260								1020		368			324	308	33	34							4	5	5	257	

ABBREVIATIONS

C.A.A.	CORRUGATED ALUMINIUM ALLOY
C.B.	CATCH BASIN
C.S.	CORRUGATED STEEL
D.I.	DROP INLET
G.D.I.	GRATED DROP INLET
H.D.P.E.	HIGH DENSITY POLYETHYLENE
J.B.	JUNCTION BOX
M.H.	MANHOLE
N.S.	NARROW SLOT
P.V.C.	POLYVINYL CHLORIDE
R.C.	REINFORCED CONCRETE
T.B.D.I.	TRAFFIC BEARING DROP INLET
T.B.J.B.	TRAFFIC BEARING JUNCTION BOX
W.S.	WIDE SLOT