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8/17/99

NSR BRIDGE MP H–56.10 CSXT BRIDGE MP SB–154.61	PROJECT REFERENCE NO.	SHEET NO.
	U-3308	RR-3C
	R/W SHEET NO.	

Document Number: 199427
CAROLINA PROFESSIONAL ENGINEER SEAL 033404 STEPHEN CHRISTOPHER NORTHCUTT
12/15/2015

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CHECKED BY: REO DATE: 9/15/2015

PROJECT NO.	SHEET NO.
U-3308	

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

BATYSY1

Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout.

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48 INCHES & UNDER)

NSS STATION	LOCATION (LT. RT. OR C.L.)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION Upstream	INVERT ELEVATION Downstream	SLOPE CRITICAL	DRAINAGE PIPE (RCP) 12"	15"	18"	24"	30"	36"	42"	48"	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE	C.S. PIPE 12"	15"	18"	24"	30"	36"	42"	48"	R.C. PIPE CLASS III 12"	15"	18"	24"	30"	36"	42"	48"	R.C. PIPE CLASS IV 12"	15"	18"	24"	30"	36"	42"	48"
SIZE																				.064	.064	.064	.079	.109	.109	.109																
THICKNESS OR GAUGE																																									
11+70	LT			N/A	407.99	407.52					68																															
18+17	LT	JB2	JB1	412.13	404.75	401.82																54																			
24+76	LT	DI	DI	409.58	406.72	406.55																																			
25+50	LT	DI	DI	409.22	406.45	405.64																																			
26+07	LT	DI		408.31	405.55	405.47																																			
18+17	LT	HW	JB2	N/A	407.58	404.96																																			
		JB2																																							
		JB1																																							
SHEET TOTALS											68											54																			

NSS STATION	18 " R.C. PIPE (CLASS V)	36" BCCM PIPE	**** RC PIPE CULVERTS, CONTRACTOR DESIGN	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. YARDS R.C.P.	ENDWALLS CU. YARDS C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES "TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') LIN. FT. A	LIN. FT. B	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	CONCRETE TRANSITIONAL SECTION	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME AND GRATES STD. 840.37	CLASS "B" RIPRAP (TONS)	GEOTEXTILE (SY)	JUNCTION BOX JUNCTION BOX #1	JUNCTION BOX #2	M.H. FRAME STD. 840.54	12" BALLAST SCREEN	JUNCTION BOX REMOVAL	DROP INLET (NCDOT 840.36)					36" BCCMP BAND	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	CONC. COLLARS CL. "B" C.Y. STD. 840.72	PIPE REMOVAL LIN. FT.	REMARKS
11+70								PER EACH (0' THRU 5.0')	5.0' THRU 10.0'	10.0' AND ABOVE																										0.45		
18+17		62																																	60		
24+76								1												1																			
25+50	96							1												1																			
26+07	24							1												1	10	18																	
18+17		54					3.5														2	7												2			207	
																					1				1	1	1		1									
																								1		1												
SHEET TOTALS	120	116					3.5	3												4	12	25	1	1	2	1	1	1	3				2		0.45	267	

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.)	(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

12/15/2015
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