HL-CNU3509BZT

COMPUTED BY: BNE DATE: 9/18/2014

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PROJECT NO.	SHEET NO.
R-2915B	3D-6

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 %
L 217+48.7	77	LT	0914		2858.0			
			0914	0915		2858.0	2857.0	
L 217+47.7	64	RT	0915		2857.0			

	Side Drain Pipe (RCP, CSP, CAAP, HDPE, or PVC) 12	15	18	24	30	C. S. PIPE (SHOP ELONGAT) 12 (.064)	15 (.064)	18 (.064)	24 (.064)	R. C. PIPE CLASS III 12	15	18	24	30	36	42	48	54	60	66	72	R. C. PIPE CLASS IV 12	15	18	24	30	R. C. PIPE CLASS V 12	15	18	24	30	36	42	48	STRUCTURAL PLATE PIPE 60	66	72
L 217+48.7																																						
0914–0915																			140																			
L 217+47.7																																						
SHEET TOTALS																			140																			
PROJECT TOTALS																			140																			

	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CY	REINFORCED ENDWALLS CY	DRAINAGE STRUCTURE MASONRY CY	QUANTITIES FOR DRAINAGE STRUCTURES (NOTE: TOTAL LIN. FT. FOR PAY QUANTITY SHALL BE A + (1.3 X B)) 0' THRU 5' EACH	A: 5' THRU 10' LIN. FT.	B: 10' AND ABOVE LIN. FT.	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	CONCRETE BRIDGE APPROACH D.I. STD. 840.13	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME AND GRATES STD. 840.16	G.D.I. TYPE "A" STD. 840.17 OR STD. 840.26	G.D.I. TYPE "B" STD. 840.18 OR STD. 840.27	SPRING BOX STD. 840.41	M.H. STD. 840.51, STD. 840.52, OR STD. 840.53	M.H. FRAME AND COVER STD. 840.54	BERM DITCH OUTLET STD. 850.10	BERM DITCH OUTLET STD. 850.11	MODIFIED CONC. FLUME	FLOWABLE FILL CY	CONCRETE AND BRICK PIPE PLUG STD. 840.71	PIPE REMOVAL LIN. FT.	REMARKS
L 217+48.7		5.600																										REM. EX. 60" RCP, JB
0914–0915																											80	REM. 80' OF EX. 54" CMP
L 217+47.7		5.600																							67			FILL AND PLUG 114' OF EX. 54" CMP
SHEET TOTALS		11.200																							67		80	
PROJECT TOTALS		11.200																							67		80	

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