4/04/06

COMPUTED BY: ____________ DATE: ____________
CHECKED BY: ____________ DATE: ____________

PROJECT REFERENCE NO.	SHEET NO.
38197	3

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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
STATEWIDE
LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & UNDER)

STATION	LOCATION (LT,RT, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	SIDE DRAIN PIPE (RCP, CSP, CAAP, HDPE, or PVC) 12"	15"	18"	24"	30"	36"	42"	48"	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE
–L–																			
11+01	RT	1		2166.9															
	RT	1	2		2162.7	2160.8			97										
12+05	RT	2		2164.1															
	RT	2	3		2159.5	2157.6			97										
13+09	RT	3		2160.9															
	RT	3	4		2155.7	2152.2			144										
14+64	RT	4		2154.9															
	RT	4	5		2149.9	2149.0				47									
15+20	RT	5		2152.1															
	RT	5	6		2147.7	2143.5				131									
16+62	RT	6		2146.5															
	RT	6	6A		2143.0	2144.9				10									
	RT	6	7		2142.5	2140.0					117								
17+76	RT	7		2143.0															
19+86	RT	8																	
20+17	RT	9																	
21+56	RT	10																	
22+33	RT	11																	
22+45	RT	12																	

STATION	FROM	TO	C.S. PIPE 12" .064	15" .064	18" .064	24" .064	36" .079	42" .109	48" .109	R.C. PIPE (CLASS III) 15"	18"	24"	30"	36"	42"	48"	R.C. PIPE (CLASS IV) 12"	15"	18"	24"	30"	36"	42"	48"
–L–																								
11+01	1																							
	1	2																						
12+05	2																							
	2	3																						
13+09	3																							
	3	4																						
14+64	4																							
	4	5																						
15+20	5																							
	5	6																						
16+62	6																							
	6	6A																						
	6	7																						
17+76	7																							
19+86	8																							
20+17	9																							
21+56	10																							
22+33	11																							
22+45	12																							

STATION	FROM	TO	**" R. C. PIPE (CLASS V)	**" R. C. PIPE CULVERTS, CONTRACTOR DESIGN PIPE	**" R. C. PIPE CULVERTS, CONTRACTOR DESIGN PIPE	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	ENDWALLS STD. 838.01, STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. YDS. R.C.P.	C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES PER EACH (0' THRU 5.0')	* TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') LIN. *FT. A 5.0' THRU 10.0'	B 10.0' AND ABOVE	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 CATCH BASIN	DROP INLET	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME AND GRATE STD. 840.16					CORR. STEEL 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
–L–																														
11+01	1									1			1		1															
	1	2																												
12+05	2									1			1		1															
	2	3																												
13+09	3									1	0.2		1		1															
	3	4																												
14+64	4									1			1		1															
	4	5																												
15+20	5									1			1		1															
	5	6																												
16+62	6									1			1		1															
	6	6A																		1	1									
	6	7																												
17+76	7									1			1	1																
19+86	8															1														
20+17	9														1															
21+56	10									1			1		1															
22+33	11															1														
22+45	12														1															

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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$$$$$USERNAME$$$$$