COMPUTED BY:	JL MOORE	DATE:	6/1/2015
CHECKED BY:	PA JORDAN	DATE:	6/1/15

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
W-5103	30-6

D3CA0274448

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".

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

STATION	LOCATION (LT, RT, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	DRAINAGE PIPE (RCP, CSP, CAAP, HDPE, or PVC) SIZE 12"	15"	18"	24"	30"	36"	42"	48"	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE
THICKNESS OR GAUGE																			
-L1-																			
90+45	CL	2909		16.5	12.1														
93+26	LT	2910		13.9	9.6														
93+26	CL	2911		15.2	9.5														
94+50	LT	2913		13.3	10.6														
95+45	LT	2914		13.0	9.8														
95+77	RT	2915		12.9	9.6														
97+10	LT	2916		11.4	8.2														
97+10	RT	2917		11.1	7.7														
100+24	RT	3002		7.5	4.5														
101+50	RT	3001		8.0	5.2														
100+24	CL	3003		9.0	4.3														
		2913	2914		10.6	9.8	X												
		2914	2915		9.8	9.6	X												
		2915	2917		9.6	7.9													
		2916	2917		8.2	7.9													
		2917	3002		7.7	4.5													
		3001	3002		5.2	4.8	X												
		3002	3003		4.5	4.3													
126+10	RT	3201																	
129+00	LT	3202																	
-L1-																			
15+72	RT	2301		M.E.	M.E.														
SHEET TOTALS									60		198	576							
PROJECT TOTALS																			

STATION	C.S.PIPE SIZE 12"	15"	18"	24"	30"	36"	42"	48"	R.C.PIPE CLASS III SIZE 12"	15"	18"	24"	30"	36"	42"	48"	R.C.PIPE CLASS IV SIZE 12"	15"	18"	24"	30"	36"	42"
THICKNESS OR GAUGE	.064	.064	.064	.064	.079	.079	.109	.109															
-L1-																							
90+45																							
93+26																							
93+26																							
94+50																							
95+45																							
95+77																							
97+10																							
97+10																							
100+24																							
101+50																							
100+24																							
																	128						
																	20						
																	132						
																	20						
																		312					
																	124						
																		8					
126+10																	16						
129+00																		12					
-L1-																							
15+72																							
SHEET TOTALS																	440	332					
PROJECT TOTALS																	6148	3688	1598	412	32		

STATION	24" WELDED STEEL PIPE, 0.5" THICK	36" WELDED STEEL PIPE, 0.5" THICK	36" WELDED STEEL PIPE, 0.5" THICK	4 SIDE OPEN THROAT CATCH BASIN (SEE DETAIL 2C-6)	ADJUST CB	ADJUST DI	CONVERT TBD TO TB.JB (SEE DETAIL 2C-4)	TEMP. STEEL PLATE COVERS FOR DRAINAGE STRUCTURES (SEE DETAIL 2C-6)	QUANTITIES FOR DRAINAGE STRUCTURES: PER EACH (@ 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'	LIN. FT. 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: DROP INLET	CATCH BASIN
THICKNESS OR GAUGE																		
-L1-																		
90+45									1									
93+26									1									
93+26									1	0.7								
94+50									1									
95+45									1								1	
95+77									1								1	
97+10									1								1	
97+10									1								1	
100+24									1									
101+50									1									
100+24									1									