RA-1553

COMPUTED BY: BNE	DATE: 2/22/2017
CHECKED BY: JGD	DATE: 2/22/2017

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
R-2707C	3D-20

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 54" & OVER)

STATION	LOCATION (LT, RT, OR CL)'	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE)											BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE)											STRUCTURAL PLATE PIPE											REINFORCED ENDWALLS		MASONRY DRAINAGE STRUCTURES CUBIC YARDS	C.B. STD. 840.01 OR 840.02	FRAMES, GRATES & HOOD STANDARD 840.03				CONCRETE TRANSITIONAL SECTION		J.B. STD. 840.31 OR 840.32	M.H. FRAME AND COVER STD. 840.54		SEE SPECIAL JB DETAIL						REINF. CONC. FLARED END SECTIONS NO. & SIZE	CORR. STEEL FLARED END SECTIONS NO. & Size	CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD. 840.72		PIPE REMOVAL LIN. FT.	REMARKS
SIZE								54"	54"	54"	54"	60"	66"	66"	66"	72"			54"				60"	66"		72"			60"			66"			72"																													
THICKNESS OR GAUGE								R.C. PIPE (CLASS III)	R.C. PIPE (CLASS IV)	R.C. PIPE (CLASS V)	R.C. PIPE (CONTRACTOR DESIGN)	R.C. PIPE (CLASS V)	R.C. PIPE (CLASS III)	R.C. PIPE (CLASS V)	R.C. PIPE (CONTRACTOR DESIGN)	R.C. PIPE (CLASS V)			.109	.138	.168	SHOP ELON-GATED .138	.168	.138	.168	.138	.168	.139	.168		12	10		12	10		12	10					WITH R.C. - C.Y.	WITH C.S. - C.Y.			E	F	G		DROP INLET	CATCH BASIN															
554+55 -L-	LT	1711																																								6.3																							
		1711	1712		865.4	861.5									312																																																
567+76 -L-	LT	1901																																								5.6																							
		1901	1812		898.5	887.6						412																																																			
564+48 -L-	RT	1812		895.0																																								6.53								1	1													
		1812	1813		883.7	883.5						24																																																			
30+07 -Y8REV-	LT	3401																																								6.3																							
		3401	3402		862.5	859.2							192																																																		
57+45 -Y11REV2-	LT	3905																																								5.0																							
		3905	3906		907.2	903.6		208																																																								
14+85 -Y16REV-	LT	4104																																								5.0																							
		4104	4105		840.8	837.0			160																																																							
SHEET TOTALS								208	160			436	192		312																											28.2		6.53							1	1													
GRAND TOTALS								208	160	248	312	728	420	1104	312	524																											83.2		55.45							7	6		1											

ABBREVIATIONS

C.A.A.	CORRUGATED ALUMINUM 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