COMPUTED BY:	HLE	DATE:	8/13/2015
CHECKED BY:	SKR	DATE:	9/23/2016

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
U-3633	3D-8

RD-299043

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" & 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) 54"	60"	66"	72"	78"	84"	C.S. PIPE 54" .109	54" .138	54" .168	54" SHOP ELON-GATED .138	54" SHOP ELON-GATED .168	60" .138	60" .168	66" .138	66" .168	72" .139	72" .168	WELDED STEEL PIPE (TRENCHLESS INSTALLATION) 60"	66"	72" 1" THICK, GRADE B	REINFORCED ENDWALLS WITH R.C. - C.Y.	WITH C.S. - C.Y.	MASONRY DRAINAGE STRUCTURES CUBIC YARDS	C.B. STD. 840.01 OR 840.02	FRAMES, GRATES & HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	CONCRETE TRANSITIONAL SECTION DROP INLET	CATCH BASIN	T.B.J.B. (SEE DETAIL 2C-2)	G.D.I. TYPE "A" STD. 840.17 OR 840.26	G.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	J.B. STD. 840.31 OR 840.32	MANHOLE FRAME AND COVER STD. 840.54	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
-Y5- 18+39	RT	0522		645.98	632.63																								3.48									1	1											REMOVE EXISTING 36" RCP
-Y5- 18+35	RT	0527	0522		632.90	632.63		28																				5.0																						
		0522	0529		632.63	632.09		52																																								24	
-Y5- 18+40	LT																																														34	REMOVE DI
-L- 47+70	RT	0630		611.32	605.32																								5.44							1	1												2GI
-L- 45+95	RT	0631			614.31																							5.9																					
		0631	0630		614.31	605.32													176																												43	
-L- 47+70	RT	0630	0632		605.32	603.00													88																													
-L- 48+60	RT	0632		609.00	603.00																								5.44							1	1												2GI
-L- 48+60	RT	0632	0633		603.00	599.18													140																												145	
-L- 50+00	RT	0633		612.00	599.18																								5.44							1	1												2GI
-L- 50+00	RT	0633	0634		599.18	596.50													72																												51	
-L- 50+73	RT	0634		606.00	596.50																								5.44							1	1												2GI
-L 50+73	RT	0634	0635		596.50	595.65													24																												46	REMOVE EXISTING HW
-L- 54+40	RT	0665		599.53	592.45																								10.4																				USE SLAB LID
		0667	0665		593.00	592.45																				88																						
		0665	0668		592.45	592.00				72																																						
-Y6- 13+59	RT	0530			623.47	623.03																						5.0																					HEADWALL
-Y6- 13+63	CL	0530	0531		623.47	623.03		64																																								REMOVE EXISTING 42" RCP
PROJECT TOTAL								144		72									500							88		15.9		35.64						1	4	4	1	1								343	
SAY																												16		36																		

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