COMPUTED BY: SLK DATE: 12/31/2013

CHECKED BY: GSP DATE: 12/31/2013

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
U-3615B	3D-18

RD261645

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	STRUCTURAL PLATE PIPE 60" 12	60" 10	66" 12	66" 10	72" 12	72" 10	REINFORCED ENDWALLS WITH R.C. - C.Y.	REINFORCED ENDWALLS 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	J.B. STD. 840.31 OR 840.32	M.H. FRAME AND COVER STD. 840.54		G.D.I. TYPE "A" STD. 840.17 OR 840.26	G.D.I. (N.S. SAG) FRAME W/ 2 GRATES STD. 840.24						FLOWABLE FILL C.Y.	REINF. CONC. FLARED END SECTIONS NO. & SIZE	CORR. STEEL FLARED END SECTIONS NO. & Size	CORR. STEEL ELBOWS NO. & SIZE	18" SLUICE GATE	CONC. COLLARS CL. "B" STD. 840.72 C.Y.	PIPE REMOVAL LIN. FT.	REMARKS
-L- 170+75	RT	17B			850.2																									10.1																													SEE DETAIL SHEET 2C-3
-L- 171+51	LT	IN	OUT		850.2	848.84				104																																																
-L- 170+78	RT	17B			851.7																																																					
-L- 171+54	LT	IN	OUT		851.7	850.34				104																																															
-L- 171+54	LT	17B																												10.1																													SEE DETAIL SHEET 2C-3
-Y30- 18+65	LT	37F			841																									10.1																													
-Y30- 18+51	RT	IN	OUT		841	839				140																																															SEE DETAIL SHEET 2C-3
-Y30- 18+72	LT	37D			839.5																											6.3							1	1																	64	60" CMP
-Y30- 18+57	RT	IN	OUT		839.5	837.5				140																																															
-Y30- 18+57	RT	37D																												10.1																													SEE DETAIL SHEET 2C-3
-L- 199+49	RT	59			823.8																									8.1																													SEE DETAIL SHEET 2C-2
-L- 200+33	LT	59	59A		823.8	821.7		172																																													206.5							60" CMP
-L- 199+54	RT	59			825.3																																																					
-L- 200+37	LT	59	59A		825.3	823.2		172																																																		
-L- 200+37	LT	59A																												8.1																													SEE DETAIL SHEET 2C-2
-L- 200+24	LT	60A																												10.1																													SEE DETAIL SHEET 2C-3
-L- 200+64	LT	60A	60B		821	820.7				40																																															
-L- 200+24	LT	IN			822.5																																																					2-66" CMP
-L- 200+64	LT	60C	60D		822.5	822.2				40																																															
-L- 200+64	LT	60C																												10.1																													SEE DETAIL SHEET 2C-3
-L- 266+24																							200																																	6.8352	200	TEMP., SEE SHEETS EC-12 & 13 & TCP-4H
-L- 266+24																																																				230.4							72" CMP, REMOVE 2 HW
-L- 305+49	LT	278		870	861.13																											8.7										1	1																
SHEET TOTALS								344		568													200							76.8		15							1	1		1	1							577.7					6.8352	264	
PROJECT TOTALS								344		568													200							76.8		15							FOR PROJECT TOTALS FOR THESE ITEMS, SEE SHEET 3D-17																			
SAY								**344**		**568**																				**77**		**15**																									

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