COMPUTED BY: GTJ DATE: 5/26/2015
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PROJECT REFERENCE NO. R-5605 | SHEET NO. 3D-4

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

REGIONAL TIER
LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 54" & OVER)

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".

STATION / SIZE / THICKNESS OR GAUGE	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" .138	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.	MASONARY DRAINAGE STRUCTURES CUBIC YARDS	CONCRETE TRANSITIONAL SECTION / DROP INLET	G.D.I. TYPE "A" STD. 840.17 OR 840.26	D.I. FRAME & GRATE STD. 840.16	G.D.I. (N.S.) FRAME WITH GRATES STD. 840.17	REINF. CONC. FLARED END SECTIONS NO. & SIZE	CORR. STEEL FLARED END SECTIONS NO. & SIZE	REINF. CONC. ELBOWS NO. & SIZE	CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD 840.72	PIPE REMOVAL LIN.FT.	REMARKS
16+72.70 –L–		HW	EW	2155.70	2143.48	2138.69					236																				14.2													HEADWALL NCDOT STD. 838.80
16+58.71 –Y1–		DI	65					16																																				FROM REMOVED DI TO STR. 65
16+58.71 –Y1–	CL	65		2175.12	2161.52	2161.52																											5	1			1					2.6		
GRAND TOTAL								16			236																				14.2			1	1		1					2.6		
SAY								16			240																				15			1	1		1					3.0		

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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