COMPUTED BY: BNE DATE: 3/29/2017

CHECKED BY: JMB DATE: 5/19/2017

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
U-2579C	3D-8

NPOIEP JMORAL

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) SIZE: 54" R.C. PIPE (CLASS IV)	60" R.C. PIPE (CLASS IV)	66" R.C. PIPE (CLASS IV)	72" R.C. PIPE (CLASS IV)	C.S. PIPE (UNLESS NOTED OTHERWISE) SIZE: 54" THICKNESS OR GAUGE: .109	54" .138	54" .168	54" SHOP ELON-GATED .138	54" SHOP ELON-GATED .168	60" .138	60" .168	66" .138	66" .168	78" .138	78" .168	CORRUGATED STEEL PIPE ARCH SIZE: 95" x 67" THICKNESS OR GAUGE: .109	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	J.B. SPECIAL DETAIL - SEE DETAIL SHEET 2C-18	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
386+76 -L-	LT	514																							5.9																	
		514	517		939.5	939.0											12																									
386+75 -L-	LT	517		947.0																						6.44							1	1								
		517	518		939.0	929.4											492																									
388+73 -L-	RT	518		935.2																						5.77							1									
		518	519		928.4	928.3											20																									
379+60 -L-	LT	520																							5.9																	
		520	521		969.0	935.6											600																									
383+49 -L-	RT	521		942.4																						7.41							1									
		521	522		933.1	933.0											20																									
413+74 -L-	LT	650																						7.1																		
		650	651		916.0	915.8					16																															REMOVE EXTG. 42" CMP
413+77 -L-	LT	651																								11.8								1		1							SEE DETAIL SHEET 2C-18
		651	652		915.8	911.5					228																															
26+46 -Y1RPD-	RT	704																							7.9																	SEE DETAIL SHEET 2C-19
		704	705		907.5	904.0															252																					
25+82 -Y1RPD-	LT	705																							7.9																	SEE DETAIL SHEET 2C-19
22+67 -SRSA-	CL	812			892.2	891.8																	45		11.8																	SEE DETAIL SHEET 2C-20
475+83 -L-	CL	1110			858.0	857.0			260															5.6																		
SHEET TOTALS									260		244						1144				252		45	12.7	39.4	31.42							3	2		1						
SAY									260		244						1144				252		45	13	40	32							3	2		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