D8CAD-270410,2/26/2015,Z:\rdy\randolph\sr_2269(vision_dr)\psh\sum\pipesum.xls

D8CAD-270410

COMPUTED BY:	DDC	DATE:	10/14/2014
CHECKED BY:	GSD	DATE:	2/26/2015

PROJECT NO.	SHEET NO.
44161	3-C

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & UNDER)

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) 12"	15"	18"	24"	30"	36"	42"	48"	CLASS IV R.C. PIPE (UNLESS NOTED OTHERWISE) 12"	15"	18"	24"	30"	36"	42"	48"
-L- 22+23	LT	701	72							20													
-L- 25+46	RT	702								20													
-L- 25+46	RT	703																					
-L-28+40	LT	801																					
-L- 29+10	LT	802	803															12					
-L- 29+11	RT	803																					
-L- 33+61	LT	804								4													
-L- 33+41	LT	805																					
SHEET TOTALS										44								12					

STATION	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	24" SIDE DRAIN PIPE	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. YARDS R.C.P.	C.S.P.	QUANITIES FOR DRAINAGE STRUCTURES PER EACH (0' THRU 5.0')	*TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') LIN. FT. A 5.0' THRU 10.0'	B 10.0' AND ABOVE	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G
-L- 22+23												
-L- 25+46												
-L- 25+46						1						
-L-28+40		84										
-L- 29+10						1						
-L- 29+11												
-L- 33+61												
-L- 33+41												
SHEET TOTALS		84				2						

STATION	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME AND 2 GRATE STD. 840.16	M.D.I. TYPE "A" STD. 840.17 OR 840.26	M.D.I. TYPE "B" STD. 840.18 OR 840.27	M.D.I. TYPE "D" STD. 840.19 OR 840.28	M.D.I. FRAME WITH GRATE STD. 840.20	M.D.I. FRAME WITH TWO GRATES STD. 840.22	M.D.I. (N.S.) FRAME WITH GRATE STD. 840.24	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	J.B. STD. 840.31 OR 840.32		MANHOLE STD. 840.51	M.H. STD. 840.51 OR 840.53	M.H. FRAME AND COVER STD. 840.54
-L- 22+23														
-L- 25+46														
-L- 25+46		1												
-L-28+40														
-L- 29+10		1												
-L- 29+11														1
-L- 33+61														
-L- 33+41														
SHEET TOTALS	0	2												1

STATION							CONCRETE TRANSITIONAL SECTION FOR DROP INLET		ADJUST DI			CONVERT DI TO TBJB							CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD. 840.72	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	PIPE REMOVAL LIN. FT.	REMARKS
-L- 22+23									1											0.4465			EXTEND EXISTING PIPE
-L- 25+46																				0.4465			REMOVE DI, EXTEND EXISTING PIPE
-L- 25+46							1		1														
-L-28+40																						80	REMOVE EXISTING PIPE
-L- 29+10																							
-L- 29+11							1					1											
-L- 33+61																				0.4465			
-L- 33+41									1														
SHEET TOTALS							2		3			1								1.3395	0	80	

ABBREVIATIONS

C.B.	CATCH BASIN
N.D.I.	NARROW DROP INLET
D.I.	DROP INLET
M.D.I.	MEDIAN DROP INLET
M.D.I.(N.S.)	MEDIAN 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