COMPUTED BY: M. KIMMEL DATE: REV. 12/16/15

CHECKED BY: N. DREES DATE: 12/16/15

PROJECT NO.	SHEET NO.
I-5722	10

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

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 48 INCHES & 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	CAA PIPES 12"	CAA PIPES 15"	CAA PIPES 18"	CAA PIPES 24"	CAA PIPES 30"	CAA PIPES 36"	CAA PIPES 42"	CAA PIPES 48"	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE	C.S. PIPE 12" .064	C.S. PIPE 15" .064	C.S. PIPE 18" .064	C.S. PIPE 24" .064	C.S. PIPE 30" .079	C.S. PIPE 36" .079	C.S. PIPE 42" .109	C.S. PIPE 48" .109	R.C. PIPE CLASS III 12"	R.C. PIPE CLASS III 15"	R.C. PIPE CLASS III 18"	R.C. PIPE CLASS III 24"	R.C. PIPE CLASS III 30"	R.C. PIPE CLASS III 36"	R.C. PIPE CLASS III 42"	R.C. PIPE CLASS III 48"	R.C. PIPE CLASS IV 12"	R.C. PIPE CLASS IV 15"	R.C. PIPE CLASS IV 18"	R.C. PIPE CLASS IV 24"	R.C. PIPE CLASS IV 30"	R.C. PIPE CLASS IV 36"	R.C. PIPE CLASS IV 42"	R.C. PIPE CLASS IV 48"	** " R.C. PIPE (CLASS V)	***" RC PIPE CULVERTS, CONTRACTOR DESIGN	***" RC PIPE CULVERTS, CONTRACTOR DESIGN	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	ENDWALLS STD. 838.01 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. YARDS R.C.P.	ENDWALLS CU. YARDS C.S.P.	QUANTITIES 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'	LIN. FT. 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	TYPE OF GRATE F	TYPE OF GRATE G	CONCRETE TRANSITIONAL SECTION DROP INLET	CONCRETE TRANSITIONAL SECTION CATCH BASIN			D.I. FRAME AND GRATE STD. 840.20	G.D.I. TYPE "B" STD. 840.18				12" CAA PIPE ELBOW - 22.5 °	15" CAA PIPE ELBOW - 22.5 °	SIDE DRAIN PIPE ELBOWS NO. & SIZE	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	CONC. COLLARS CL. 'B' C.Y. STD. 840.72	PIPE REMOVAL LIN. FT.	REMARKS
MILE POSTS																																																																									
MAP 1 - EBL																																																																									
MP 393.310	RT	1		102.6	100.0			10								X	X		X																																1											1	1				1						PRECAST ONLY, STD. 840.45
MP 393.352	RT	2		102.6	100.0			25								X	X		X																																1											1	1				1						" "
MP 393.487	RT	3		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 397.100	RT	4		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 397.114	RT	5		102.6	100.0			20								X	X		X																																1											1	1				1						" "
MP 398.203	RT	6		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 398.248	RT	7		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 398.327	RT	8		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 398.431	RT	9		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 398.752	RT	10		102.6	100.0			25								X	X		X																																1											1	1				1						" "
MP 398.775	RT	11		102.6	100.0			30								X	X		X																																1											1	1				1						" "
MP 405.001	RT	12		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 405.070	RT	13		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 405.167	RT	14		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 405.322	RT	15		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 405.505	RT	16		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 405.706	RT	17		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 405.915	RT	18		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 405.652	RT	19		102.6	100.0			25								X	X		X																																1											1	1				1						" "
MP 405.700	RT	20		102.6	100.0			30								X	X		X																																1											1	1				1						" "
MP 407.164	RT	21		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 407.194	RT	22		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 407.277	RT	23		104.0	100.0			20								X	X		X																																1											1	1				1						" "
MAP 2 - WBL																																																																									
MP 407.194	RT	24		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 407.157	RT	25		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 405.659	RT	26		102.6	100.0			30								X	X		X																																1											1	1				1						" "
MP 405.631	RT	27		102.6	100.0			30								X	X		X																																1											1	1				1						" "
MP 405.594	RT	28		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 405.548	RT	29		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 405.168	RT	30		102.6	100.0			25								X	X		X																																1											1	1				1						" "
MP 405.148	RT	31		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 405.108	RT	32		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 405.059	RT	33		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 404.985	RT	34		102.6	100.0				10							X	X		X																																1											1	1					1					" "
MP 404.781	RT	35		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 404.660	RT	36		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 404.517	RT	37		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 404.352	RT	38		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 398.218	RT	39		102.6	100.0			20								X	X		X																																1											1	1				1						" "
MP 398.182	RT	40		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 398.074	RT	41		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 397.141	RT	42		102.6	100.0			30								X	X		X																																1											1	1				1						" "
MP 397.105	RT	43		102.6	100.0			25								X	X		X																																1											1	1				1						" "
MP 397.091	RT	44		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 393.344	RT	45		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 393.288	RT	46		102.6	100.0			10								X	X		X																																1											1	1				1						" "
MP 393.215	RT	47		102.6	100.0			10								X	X		X																																1											1	1				1						" "
SHEET TOTALS								665	10																																										47											47	47				46	1					

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.) (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