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TGSLTW1014

COMPUTED BY:	BJH	DATE:	03-26-24
CHECKED BY:	REL	DATE:	03-26-24

PROJECT NO.	SHEET NO.
U-5809	3D-7

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)

LINE & STATION / SIZE / THICKNESS OR GAUGE	OFFSET	STRUCTURE NUMBER FROM	STRUCTURE NUMBER TO	TOP ELEVATION FT.	INVERT ELEVATION FT.	INVERT ELEVATION FT.	MINIMUM REQUIRED SLOPE %	R. C. PIPE CLASS III 12	15	18	24	30	36	42	48		R. C. PIPE CLASS IV 12	15	18	24	30	36	42	48	R. C. PIPE CLASS V 12	15	18	24	30	36	42	48	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CY	QUANTITIES FOR DRAINAGE STRUCTURES (NOTE: TOTAL LIN. FT. FOR PAY QUANTITY SHALL BE A + (1.3 X B)) 0' THRU 5' EACH	A 5' THRU 10' LIN. FT.	B 10' AND ABOVE LIN. FT.	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STD. 840.03 GRATE TYPE E	F	G		CONCRETE TRANSITIONAL SECTION D.I. STD. 852.04 OR STD. 852.06	C.B. STD. 852.05	OPEN THROAT C.B. STD. 840.04 OR STD. 840.05	CONCRETE BRIDGE APPROACH D.I. STD. 840.13	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME AND GRATES STD. 840.16	G.D.I. TYPE "A" STD. 840.17 OR STD. 840.26	G.D.I. TYPE "B" STD. 840.18 OR STD. 840.27	G.D.I. TYPE "D" STD. 840.19 OR STD. 840.28	G.D.I. (W.S. FLAT) FRAME WITH GRATE STD. 840.20	G.D.I. (W.S. FLAT) FRAME W/ 2 GRATES STD. 840.20	G.D.I. (W.S. SAG) FRAME W/ GRATE STD. 840.22	G.D.I. (W.S. SAG) FRAME W/ 2 GRATES STD. 840.22	G.D.I. (N.S. SAG) FRAME W/ GRATE STD. 840.24	G.D.I. (N.S. SAG) FRAME W/ 2 GRATES STD. 840.24	G.D.I. (N.S. FLAT) FRAME W/ GRATE STD. 840.29	G.D.I. (N.S. FLAT) FRAME W/ 2 GRATES STD. 840.29	DRIVEWAY D.I. STD. 840.30	FRAME W/ GRATE FOR DRIVEWAY STD. 840.30	J.B. STD. 840.31 OR STD. 840.32	T.B.J.B. STD. 840.34	T.B.D.I. STD. 840.35	T.B.D.I. FOR STEEL GRATES STD. 840.36	STEEL FRAME WITH TWO GRATES STD. 840.37	TEMP STEEL PLATE COVER MASONRY DRAINAGE	SPRING BOX STD. 840.41	FLUME UNDER S.W., SEE DETAIL SHEET 2D-1	M.H. STD. 840.51, STD. 840.52, OR STD. 840.53	M.H. FRAME AND COVER STD. 840.54	CONVERT EXISTING C.B. TO J.B.	CONVERT EXISTING C.B. TO D.I.	CONVERT EXISTING D.I. TO J.B.	CONVERT EXISTING J.B. TO D.I.	ADJUST C.B.	ADJUST D.I.	TB2GI-A (36"), SEE DETAIL SHEET 2D-4	TB2GI-A (30"), SEE DETAIL SHEET 2D-5	15" C.S. ELBOW	18" C.S. ELBOW	24" C.S. ELBOW	30" C.S. ELBOW	36" C.S. ELBOW	CONFLICT BOX, SEE DETAIL SHEET 2D-2	TB4GI, SEE DETAIL 2D-3		FLOWABLE FILL CY	CONCRETE COLLARS CL. "B" STD. 840.72 CY	CONCRETE AND BRICK PIPE PLUG STD. 840.71 CY	PIPE REMOVAL LIN. FT.	REMARKS
		0607	0606		963.0	962.9			16
Y4 15+00	31 RT	0608		967.3																														1			1		1
		0608	0606		964.3	962.9												88
Y4 14+33	20 RT	0609		969.1																														1			1		1
		0609	0608		966.1	964.3												68
Y4 13+61	19 RT	0610		970.9																														1			1		1
		0610	0609		967.0	966.1												72
Y4 13+61	35 RT	0611		970.2																														1												1	1
		0611	0610		967.2	967.0			16
Y4 10+56	14 LT	0612		973.6																														1			1		1
		0612	0613		970.6	969.4												124
Y4 11+81	14 LT	0613		973.9																														1			1			1
		0613	0614		969.4	968.3												112
Y4 12+96	16 LT	0614		972.4																														1			1			1
		0614	0615		968.3	966.1												136
Y4 14+34	20 LT	0615		969.1																														1			1			1
		0615	0616		966.1	964.3												68
Y4 15+00	33 LT	0616		967.3																														1			1			1
		0616	0617		964.3	961.3												60
L 44+46	26 LT	0617		966.2																														1			1			1
		0617	0619		961.3	959.7												148
L 44+45	4 LT	0618		966.0																														1							1				1	1
		0618	0617		961.5	961.3												20
L 45+95	26 LT	0619		962.7																														1			1			1
		0619	0620		959.7	959.5			24
L 38+42	25 RT	0621		957.6																														1			1			1
		0621	0574		952.8	949.4	0.7												168
L 38+42	39 RT	0622		956.0																														1															1							1
		0622	0621		953.2	953.0	0.7		16
L 39+45	25 RT	0623		960.5																														1			1			1
		0623	0621		957.5	953.0												104
L 40+52	37 RT	0624		962.7																														1			1			1
		0624	0623		959.7	957.5												108
L 42+31	37 RT	0625		965.3																														1			1			1
		0625	0624		962.3	959.7												180
Y5 11+00	34 RT	0626		964.9																														1			1	1
		0626	0628		961.7	961.4												32
L 43+46	67 RT	0627		965.8																														1							1				1	1
		0627	0628		962.6	961.4												32
Y5 11+00	0 CL	0628		965.8																														1							1				1	1
		0628	0629		961.4	961.2												20
Y5 11+00	23 LT	0629		965.1																														1			1			1
		0629	0631		961.2	960.4												84
Y5 11+85	21 RT	0630		964.9																														1			1	1
		0630	0631		961.7	960.4												40
Y5 11+86	20 LT	0631		964.9																														1			1			1
		0631	0633		960.4	959.0												136
Y5 13+21	38 RT	0632		965.2																														1												1	1
		0632	0633		962.0	959.0												56
Y5 13+21	20 LT	0633		964.0																														1			1			1
SHEET TOTALS									72									1688	168															25			19	2	4	13		3				5	5		1							1

ABBREVIATIONS

- C.A.A. CORRUGATED ALUMINIUM 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