OJECT REFERENCE NO.	SHEET NO.
U-4015A	3D-3

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

Note: Invert Elevations indicated are for Information Purposes only and should be verified by the contractor for project construction stakeout. See "Standard Specifications for Roads and Structures, Section 300-5."

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

LINE & STATION	OFFSET	STRUCTURE NO.	OP ELEVATION	ELEV	ERT ELEVATION M REQUIRED SLOPE	IM REGUIRED SLOPE	SIDE DRAIN PIPE (RCP, CSP, CAAP, HDPE, PP or PVC)	C.S.P.	R.C. PIPE CLASS IV	PIPE AS NOTED	STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE)	QUANTITIES FOR DRAINAGE STRUCTURES *TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B')	FRAME, GRATES, AND HOOI STANDARI 840.03	CONCRETE TRANSITIONAL SECTION 15). 840.16 OR 840.26 OR 840.27	1 00 1	VO GRATES STD. 840.24 LAT GRATES. STD. 840.29 FT. STD. 840.30	D. 840.54		IO. & SIZE	C.Y. STD. 840.71	Y. STD. 840.72		N.D.I. NARR D.I. DRC G.D.I. GRATED J.J.(N.S.) (NARR	TCH BASIN ROW DROP INLET OP INLET D DROP INLET ROW SLOT)
SIZE			10	INVERT	MINIMU	12 ^t	" 15" 18" 24" 30" 36" 42" 48"	12" 15" 18" 24" 30" 36" 42" 4	12" 15" 18" 24" 30" 36"	42" 48"	CU. YARDS	FT. 88 01.0		ID. 840	TE STD 840.17 (840.18 (840.19 (WO FLA	TWO F	32 32 ME STI	DRAIN	N SMOS N	PLUG,	"B" C.)	<u> </u>	J.B. JUNC M.H. MA	CTION BOX ANHOLE
THICKNESS OR GAUGE		FROM			%	%	DO NOT USE CSI DO NOT USE CSI DO NOT USE CAA	OR PVC .064 .064 .064 .079 .079	2.		R.C.P.	9ER EACH (0' THRU) 5.0' THRU 10.0' 10.0' AND ABOVE C.B. STD. 840.01 OR 9	TYPE OF GRATE	P INLET	D.I. FRAME AND GRA G.D.I. TYPE "A" STD. G.D.I. TYPE "B" STD.	G.D.I. TYPE "D" STD. G.D.I. FRAME WITH T	G.D.I. (N.S.) FRAME V G.D.I. (N.S.) FR. WITH DRIVEWAY DROP INL	D.I. IN APPROACH SLAB J.B. STD. 840.31 OR 840. TBJB STD. 840.34 T.B.D.I. STD. 840.35 STEEL GRATE AND FRA M.H. FRAME AND COVER ADJUST MH	ADJUST CB ADJUST DI CONV DI TO JBMH CONV JB TO DI CONV CB TO JB ADJUST TRENCH DR	FLOWABLE FILL (CY DRAINAGE PIPE ELE	CONC. & BRICK PIPE	CONC. COLLARS CL.	≦	DRC T.B.J.B. TRAFFI	FIC BEARING OP INLET FIC BEARING CTION BOX
SHEET 6 (1/2) - L- 34+25.00	-32 LT	601	824.3									1 1		1											
- L- 34+25.00 - L- 35+14.00	-32 LT	601 602 602	823.9	821.3	320.9 0.5	5%			88			1 3.3 1	1												
- L- 35+14.00	LT	602 603		815.6	315.0 0.6	6%				28		1 0.0													
						\pm																			
- L- 35+14.00 - L- 35+14.00	44 RT	604 604 602	824.4	817.1 8	315.6 0.6	6%				76		1 2.3 1	1												
- L- 35+60.00	45 RT	605	824.0									1 1.0 1	1												
- L- 35+60.00 - L- 35+70.00	68 RT	605 604 606	824.5	818.0	317.1 0.5	5%				44	4.5														
- L- 35+70.00 - Y2- 10+57.00	RT RT	606 605 607	823.9	819.5	318.8 0.5	5%				28		1 1	1												
- Y2- 10+57.00	RT	607 605		820.1	320.0 0.4	4%			40																
- Y2- 10+75.00 - Y2- 10+75.00	24 RT RT	608 608 607	824.0	821.0 8	320.9 1.0	0%			20			1 1 1		1											
- Y2- 10+80.00 - Y2- 10+80.00	-53 LT	609 609 607	824.5	821.2	320.6 0.5	50/			84			1 1	1												
- Y2- 10+80.00 - Y2- 11+30.00	-20 LT	610	825.8			376			04			1 1	1												
- Y2- 11+30.00 - Y2- 11+85.00	-20 LT	610 609 611	829.1	822.8	321.5 0.5	5%			60										1						
- Y2- 11+85.00	LT	611 610		824.7	322.8 0.5	5%			56																
- L- 36+95.00 - L- 36+95.00	70 RT RT	612 612 609	827.0	823.3	321.5 0.5	5%			16			1		1	1							+ +			
- L- 37+08.00	43 RT	613	825.6	000.6	004 5 0 5	F0/			00			1 1		1											
- L- 37+95.00 - L- 37+95.00	32 RT	613 609 614	827.7	822.6	321.5 0.5	5%			28			1 1		1											
- L- 37+95.00 - L- 39+96.67	RT 52 RT	614 613 620	832.0	824.7	322.6 0.5	5%			88		8									+		+			
- L- 40+00.00	RT	620 619	 	828.0	327.2 0.3	3%				24															
- L- 39+93.33	RT	620 0619A		828.0 8	327.2 0.3	3%				24															
- L- 39+93.33 - L- 39+96.67	32 RT 0		832.9	827.2	227.2 0.3	3%				4		1 1		1											
- L- 41+50.00	32 RT	621	837.3			7.0						1 1		1											
- L- 41+50.00 - L- 43+00.00	32 RT	621 619 622	842.8	834.3	329.9 0.8	8%			148			1 1		1						++-+		+ +			
- L- 43+00.00 - L- 44+46.00	RT 32 RT	622 621	850.6	839.8	334.3 0.7	7%			144			1		1											
- L- 44+46.00 - L- 44+46.00	RT RT	623 623 622		847.6	339.8 0.5	5%			140			1 1		<u> </u>											
- L- 44+46.00 - L- 44+46.00	-32 LT	624 624 623	852.2	849.2 8	3476 04	4%			64			1 1	1												
- L- 45+25.00	-32 LT	625	856.3						04			1 1	1												
- L- 45+25.00 - L- 40+26.89	-64 LT	625 624 626	834.9	853.3	349.2 0.5	5%			80			1 1 1	1							++-+	1	+ +			
- L- 40+26.89	LT	626 618		831.9	331.3 0.4	4%			40																
- L- 41+10.00 - L- 41+10.00	-32 LT LT	627 627 618	837.4	834.4 8					112			1 1 1	1												
SHEET TOTALS	\Box						0 0 0 0 0 0 0 0	0 0 0 0 0 0 0			0 12.5 0	19 6.631 0 1		8 0 0 1	1 0 0	0 0		0 0 0 0 0 0 0	1 0 0 0 0 0		n	0	0		
UNICE TOTALS			<u>ı </u>	1					<u> </u>		12.0 0	101 0.001 01	.5 5 1	<u> </u>	1 . 1 0 1 0	1 ~ 1 ~ 1			. 0 0 0 0 0			<u> </u>	<u> </u>		



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