																T REFERENCE NO.	SHEET NO.									
	DIVISION OF HIGHWAYS																R-5768	3D-2								
	STATE OF NORTH CAROLINA																									
							DF	$\mathbf{R}\mathbf{A}\mathbf{I}$	N	AGE	SI	IM	$\boldsymbol{N}$	AR	$\mathbf{Y}$											
							OF PI	PES, E	<u>NDИ</u> 	VALLS, E	I C. (FOF		<u>ES 48</u>	S INCH.			E <b>R)</b>									
											ENDWAL				SITIONAL	ITCH SY)							ABBRI	ABBREVIATIONS		
STATION O NOILE				DRAIN PIPE AAP, HDPE, or PVC)	C.S. PIP	C.S. PIPE R.C. PIPE CLASS III			R.C. PIPE CLASS IV					STD. 838.	FRAME, GRATES,	ETE TRAN SECTION	40.20					C.B.				
, RT, OR C STRUCTI								OR DESIG	(UNLESS		S *TOT QUANT 'A'	AND HOOD STANDARD 840.03		6 8 8 ES STD. 8 ES STD. 8 8 8 8 8 10(4" CON(				0. 840.71	40.72		N.D.I. D.I.	NARROW DROP INLET DROP INLET				
ATION (LT											NTRACT	NOTED OTHERWI	SE)	LIN. FT.	40.02		0.15 D. 840.16 7 OR 840.2 3 OR 840.2 9 OR 840.2 1 AT GRAT RATES ST WO GRAT	WOFL.G R STD.84 in STD.850.			s, c.Y. STD	:,Ү. STD. 8		G.D.I.(N.S.) J.B.	GRATED DROP INLET (NARROW SLOT) JUNCTION BOX	
SIZE O			12" 15" 18" 24" 30" 36"	42" 48" 42" 48" 48" 48" 48" 48" 48" 48" 48"	12" 15" 18" 24" 30"	' 36'' 42'' 48'' 12	2" 15" 18" 24"	30" 36" 42" 48"	12" 15" 1	18" 24" 30" 36" 42" 48		CU. YARI	RU 5.0')	А В	OR STD. 8	-	R STD. 84 GRATE ST TD. 840.17 TD. 840.18 TD. 840.19 TD. 840.19 TD. 840.19 TD. 840.19 TH TWO FI	AE WITH T DR 840.32 E & COVE TION BAS E OUTLET	OUR HOLE (CY)	S	PIPE PLUG	: CL. "B" C	.IN. FT.	M.H. T.B.D.I.	MANHOLE TRAFFIC BEARING DROP INLET	
THICKNESS OR GAUGE 전				DO NOT US DO NOT US DO NOT US	.064 .064 .064 .064 .079	.079 .109 .109					"R.C. PIPE (CI RC PIPE CUL 'RC PIPE CUL 'RC PIPE CUL	R.C.P.	с.s.Р. АСН (0' ТН	RU 10.0' ND ABOVE	5. TYPE OF 8. GRATE	NLET I BASIN	D.I. STD. 840.14 C D.I. FRAME AND G.D.I. TYPE "A" S G.D.I. TYPE "B" S G.D.I. TYPE "D" S G.D.I. FRAME WIT G.D.I. FRAME WIT G.D.I. (N.S.) FRAM	N.S.) FRAN D. 840.31 ( DLE FRAM Y DISSIPA DRAINAGE	RMED SC	PE ELBOM	& BRICK I	COLLARS	EMOVAL L	T.B.J.B.	TRAFFIC BEARING JUNCTION BOX	
											**" R.( ***" RC ***" RC 15" TEI		C.S.I PER EACH	5.0' TH 10.0' Al	5 E F G C C C C C C C C C C C C C	DROP I CATCH	D.I. STI D.I. FR G.D.I. T G.D.I. T G.D.I. F G.D.I. F G.D.I. F	G.D.I. (I J.B. ST MANHO ENERG BERM I	PREF0 FLOW/	C.S. PII	CONC.	CONC.	PIPE RI	RE	MARKS	
SHEET 4 623.2   - L- 12+19.43 RT 401 623.2													1													
401 403   - L- 14+00.00 RT 402 626.8	620.5						76						1													
- L- 12+93.11 RT 403 625.7 403 404	624.1 618.8						112	56					1	1.9									51			
- Y2- 14+31.53 RT 413 652.5 413 408	649.7						68						1													
- Y1- 13+20.00 RT 423 657.8   - Y2- 15+02.09 RT 409 651.5	655.0	648.8					52						1													
409 408   - Y2- 15+01.11 RT 408 652.1	648.8						8						1		1 1											
- Y2- 14+99.15 LT 414 652.0	648.7 648.6								24 60				1		1 1											
- Y2- 15+50.00 LT 412 650.7 412 415	647.7								56				1		1 1											
- Y1- 12+04.75 LT 427 646.8   - Y1- 12+20.00 LT 410 646.5	644.1	643.2					32						1		1 1											
410 416   - Y1- 12+05.00 LT 416 646.2	643.5	643.2					12						1		1 1								48			
416 415   - Y1- 12+05.00 RT 415 647.4   415 415 425	643.0 642.8						40			32			1		1 1				7.2							
- Y1- 11+65.00 RT 425 647.0 425 426	642.8						56						1										88			
- L- 19+83.70 RT 417 639.2	630.4	615.5					204						1										100			
	613.0	612.7					28						1	2.0	1								120			
- L- 23+15.00 LT 406 628.1	630.9								156				1	1.1												
- L- 23+31.06 RT 405 627.0	622.0 623.0						40 80																			
	617.4	617.4					12						1													
- L- 27+00.00 LT 421 620.4   421 422 421 422	617.4	612.0			56								1						1	2 @ 15"			26			
SHEET TOTALS			0 0 0 0 0	0 0 0 0 0 0	0 56 0 0 0	0 0 0 0	0 604 216 0	0 0 56 0	0 296	32 0 0 0 0	0 0 0 0 0	0 0	0 20	8.84 0	10 0 3	7 0 0	0 0 1 7 0 0 0 8	0 2 2 0 0	1 7.2	2 @ 15"			341			

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