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".

S:	See "Standard Specifications For Roads and Structures, Section 300-5". **LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48 INCHES & UNDER)** **Description of the content of th																																															
LINE & STATION SIZE	OFFSET	STRUCTURE NUMBER		7	7	SLOPE		S. PIPE	24 40	45 40	R. C. PI CLASS	i III	42 42		R. CI	. C. PIPE LASS IV	36 42 48			QUAI FOR DI STRU NO TOTAL FOR QUA SHA	NTITIES RAINAGE CTURES OTE: LIN. FT. R PAY ANTITY ALL BE 1.3 X B)		FRAME, GR AND HO STD. 840	RATES,	D. 852.06 CONCRETE TRANSITIONAL SECTION	TD. 840.04 OR STD. 840.05 PPROACH D.I. STD. 840.13	D. 840.15 ES STD. 840.16	40.17 OR STD. 840.26 40.18 OR STD. 840.27	40.19 OR STD. 840.28 ME WITH GRATE STD. 840.20	ME W/ 2 GRATES STD. 840.20	WE W/ 2 GRATES STD. 840.22	ME W/ GRATE STD. 840.29	ME W/ 2 GRATES STD. 840.29	40.30 R DRIVEWAY STD. 840.30	ES AND FRAMES STD. 840.33		WO GRATES STD. 840.37	2 8			ARS CL. "B" STD. 840.72	RICK PIPE PLUG STD. 840.71		C.B. C.S. D.I. G.D.I.	CATCH B CORRUG DROP INL GRATED	ATED STEEL ET DROP INLET NSITY POLYE N BOX		
SIZE	Ü		_ z	\TIO!	ATION		2 15	18	24 12	15 18	3 24 3	36	42 48	12 18	18 2	24 30 3	36 42 48	`	ᆈ		A B	R STI			R ST	B. SI	R ST	5.8 8.0	TD. 8	FRA	FRAI	FRAN	FRA	P. 84	RATE	. 35 <u>.</u>	은 다. 11 1	STD.			OLLA	ND BI	_	P.V.C.		YL CHLORIDE		
THICKNESS OR GAUGE		FROM	TOP ELEVATIO	H INVERT ELEV	T INVERTELEV	% MINIMUM REQU	.064	.064	.064									15" SIDE DRAIN PIF 18" SIDE DRAIN PIF	24" SIDE DRAIN PIF	EACH [III	.13 S' THRU 10' '11 NIT '10' AND ABOVE	C.B. STD. 840.01 OI	GRAT TYPE		D.I. STD. 852.04 O	OPEN THROAT C. CONCRETE BRID		G.D.I. TYPE "A" S' G.D.I. TYPE "B" S'	G.D.I. TYPE "D" S' G.D.I. (W.S. FLAT)	G.D.I. (W.S. FLAT)	G.D.I. (W.S. SAG)	G.D.I. (N.S. SAG) FR G.D.I. (N.S. FLAT) FI	G.D.I. (N.S. FLAT)	FRAME W/ GRATE	ANGLED VANE GI	T.B.D.I. STD. 840.3	T.B.D.I. FOR STEE STEEL FRAME WI	M.H. STD. 840.51, M.H. FRAME AND	18" C.S. ELBOW	S FLOWABLE FI	S CONCRETE CO	္က concrete Al	Z PIPE REMOVA	T.B.J.B.	TRAFFIC E TRAFFIC E WIDE SLO	ED CONCRET BEARING DRO BEARING JUN T REMARKS	OP INLET)X
		0401 04			674.2					32	2									1														1				1										
		0404 0404 04 0405	692.5 03 692.5	687.5	679.3			44												1										1						1			2					ROI	D&LOG w/SL	EEVE GASKE	ET REQUIF	RED
		0405 04		688.0	687.5					32	2									1										1						1												
L 22+18 1		0408 04	692.1	688.2				50		32	2									1										1						1								Bol	20100 (01		TET DECLUIS	
Y2 16+83 7	70 LT	0409 04 0430 04	668.9	687.5 666.2				52		12	2									1									1		1								2					KOI	D&LOG W/SL	EEVE GASKE	EI KEQUIF	
	56 LT	0431 0431 04	670.7	666.1						104	4									1																1		1										
	56 LT 72 RT	0432 04	668.3 33 668.8	665.3	665.2					16	6									1								1			1						1 1											
	59 RT	0440 04 0441	669.8	665.8	665.4					20)									1											·					1		1										
Y2 14+70 5	58 RT	0441 04 0442 04	667.2	665.4						168										1																1		1										
	20 RT 19 LT	0443 0450	669.7 691.0		000.2															1 1	5.0 1.9	5						1		1	1					1												
L 19+69 3	39 LT	0450 04	04	688.2	687.5									80																													37					
									+																																							
		SH PROJE	EET TOTA	LS (48" o	or Less) or Less			96 96		484	4			80						13	5 1.5 5 1.5	5 5						2	1 1	5	3					3 5 3 5	1 1	4	4				37 37					

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WAKE COUNTY ROADWAY DESIGN UNIT

PREPARED BY moffatt & nichol

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETE