

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. <i>B-5301</i>	SHEET NO. <i>3D-3</i>
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SEPI
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NOTE: Invert Elevations 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 54" & OVER)

STATION	LOCATION (L, RT, OR CU)	STRUCTURE NO.	TOP ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	CLASS IV R.C. PIPE (UNLESS NOTED OTHERWISE) (IN FEET)						C.S. PIPE				STRUCTURAL PLATE PIPE			REINFORCED ENDWALLS		FRAME, GRATES AND HOOD STANDARD 840.03	CONCRETE TRANSITIONAL SECTION		REINF. CONC. FLARED END SECTIONS NO. & SIZE	CORR. STEEL FLARED END SECTIONS NO. & SIZE	REINF. CONC. ELBOWS NO. & SIZE	CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD. 840.72	PIPE REMOVAL LIN. FT.	REMARKS								
						CLASS IV R.C. PIPE (UNLESS NOTED OTHERWISE) (IN FEET)						C.S. PIPE				STRUCTURAL PLATE PIPE			WITH R.C. - C.Y.	WITH C.S. - C.Y.		TYPE OF GRATE	CATCH BASIN								DROP INLET							
						54"	60"	66"	72"	78"	84"	54"	60"	66"	72"	60"	66"	72"														E	F	G	CATCH BASIN	DROP INLET		
						.109	.138	.168	.138	.168	.138	.168	.138	.168	.138	.168			12	10	12	10	12	10														
40+07 -L-	CL	0620		26.2	25.9																														REMOVE EXSIT. 42" RCP. INSTALL CAST-IN-PLACE ENDWALL, BOTH ENDS. DO NOT USED PRE-CAST ENDWALLS. INSTALL ENDWALLS PARALLEL TO SHOULDER. FRONT SLOPE ABOVE ENDWALLS SHALL CONFORM TO 4:1. WINGWALLS SHALL CONFORM TO A 3:1 FRONT SLOPE. TRANSITION FRONT SLOPE TO 6:1 AT THE APPROACH SECTIONS ON EITHER SIDE OF CROSSING AS SHOWN IN CROSS SECTION. CONTRACTOR SHALL ENSURE ENDWALLS DO NOT CONFLICT WITH SUBSURFACE UTILITIES.			
PROJ. TOTAL																																						
SAY																																						

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