CACTUSJACK

COMPUTED BY: L. ADAMS DATE: August-04

CHECKED BY: D. WILVER DATE: August-04

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
R-2911C	3I

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 54" & OVER)

STATION	LOCATION (LT, RT, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE) 54" CLASS IV	60"	66"	72"	78"	84"			BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 54" .109	54" .138	54" .168	54" SHOP ELON-GATED .138	54" SHOP ELON-GATED .168	60" .138	60" .168	66" .138	66" .168	72" .139	72" .168		STRUCTURAL PLATE PIPE 60" 12	60" 10		66" 12	66" 10		72" 12	72" 10				REINFORCED ENDWALLS WITH R.C. - C.Y.	WITH C.S. - C.Y.	MASONRY DRAINAGE STRUCTURES CUBIC YARDS	C.B. STD. 840.01 OR 840.02	FRAMES, GRATES & HOOD STANDARD 840.03 TYPE OF GRATE E	F	G		54" WELDED STEEL PIPE, 0.75" THICK, GRADE B	60" WELDED STEEL PIPE, 0.875" THICK, GRADE B		TRAFFIC BEARING PRECAST DRAINAGE STRUCTURE, STD. 840.46												REINF. CONC. FLARED END SECTIONS NO. & SIZE	CORR. STEEL FLARED END SECTIONS NO. & Size	CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD. 840.72		PIPE REMOVAL LIN. FT.	REMARKS
L2 81+67.00	LT	138	139		736.80	Existing		12																															5.2																									2.58			REMOVE HEADWALL
L2 81+40.00	RT	140																																																																
		140	141		Existing	732.00		96																																																									
L2 81+76.00	LT	142	143		737.30	733.74																																	5.2							140																					BORE AND JACK 140' OF 54" STEEL PIPE
L2 81+51.00	RT	143																																																																
		143	144		733.74	732.00		96																																																									
L2 99+63.00	LT	168	169		744.40	739.44																																	5.6								144																					BORE AND JACK 144' OF 60" STEEL PIPE
L2 99+28.00	RT	169																																																																
		169	170		739.44	736.00			100																																																								
L2 99+70.00	LT	171	172		743.90	Existing			20																														5.6																									2.85		4	REMOVE FIRST JOINT OF PIPE & HW
L2 99+66.00	RT	173																																																																4	REMOVE LAST SECTION OF 60" RCP
		173	174		Existing	736.00			116																																																									
L2 157+45.00		222	223		Existing	709.25					56																																																				3.42			
SHEET TOTAL								204	236		56																												21.6							140	144		4																8.85		8	
SAY								204	236		56																												22.0							140	144		4																9.0		8	

ABBREVIATIONS	
C.B.	CATCH BASIN
N.D.I.	NARROW DROP INLET
D.I.	DROP INLET
M.D.I.	MEDIAN DROP INLET
M.D.I.(N.S.)	MEDIAN DROP INLET (NARROW SLOT)
J.B.	JUNCTION BOX
M.H.	MANHOLE
T.B.D.I.	TRAFFIC BEARING DROP INLET
T.B.J.B.	TRAFFIC BEARING JUNCTION BOX