RA1-D6HNJ01,7/24/2003,R:\Roadway\Estimate\Final\Drainage_Summary.xls

COMPUTED BY: CLB DATE: 7/22/2003

CHECKED BY: RDH DATE: 7/22/2003

RA1-D6HNJ01

PROJECT NO.	SHEET NO.
U-0620	*3-O*

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

STATION / SIZE / THICKNESS OR GAUGE	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) SHADED BLOCK = CLASS IV R.C. PIPE 54"	60"	66"	72"	78"	84"	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 66" x 51" CMPA Uncoated .109	60" .138 / .168	66" .138 / .168	72" .139 / .168	STRUCTURAL PLATE PIPE 60" 12 / 10	66" 12 / 10	72" 12 / 10	REINFORCED ENDWALLS WITH R.C. - C.Y.	REINFORCED ENDWALLS 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	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
SHEET 6																															
-L- 39 +37	CL	45			117.00	115.50					284										7.1									85	
SHEET 11																															
-L- 106 +75	CL	157			115.50	115.00					152										9.8										
-L- 106 +75	CL	158			115.50	115.00					152																				
SHEET 20																															
-DET2- 12+50	CL	307			117.90	117.60								60																60	Temp. Pipe for -Y2- Detour
SHEET TOTALS											588			60							16.9									145	
SAY TOTALS											588			60							16.9									145	
GRAND TOTALS											588			60							16.9									145	

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