

**SUMMARY OF QUANTITIES - DRAINAGE**

PROJECT NO.	COUNTY	DRAINAGE ITEM NO.	PLAN SHEET	ROUTE	Hydraulics Recommendation	Median 2G1 structure depth	010600000-E	031800000-E	032000000-E	036600000-E	037200000-E	058200000-E	099600000-N	122000000-E	225300000-E				
							BORROW EXCAVATION	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	FOUNDATION CONDITIONING GEOTEXTILE	15" RC PIPE CULVERTS, CLASS III	18" RC PIPE CULVERTS, CLASS III	15" CS PIPE CULVERTS, 0.064" THICK	PIPE CLEAN OUT	INCIDENTAL STONE BASE	PIPE COLLARS				
							CY	TON	SY	LF	LF	LF	EA	TON	CY				
499086.3.1	Robeson	1	5	64+08 I74WBL Rt. (Median)	Remove and replace 1 wide slot sag grate (existing grate cracked).	2.75'													
		2	5	64+08 I74WBL Lt. (toe of slope at outlet)	Remove and replace 4' of 15" rcp with concrete collar at outlet of pipe.	N/A					4			0.4					
		3	5	72+15 I74WBL Rt. (Median)	Replace concrete apron (existing box is a 3GI). Replace 11.5' of 6" wide concrete ditch.	1.95'													
		4	5	72+15 I74WBL Lt. (toe of slope)	Clean out 8' of 18" concrete pipe at outlet of pipe. Estimate 15 cubic ft of pipe clean out.							1							
		5	5	74+85 I74WBL Rt. (Median)	Replace concrete apron.	4.2'													
		6	5	74+85 I74EBL Lt. (Median)	Remove and replace 8' of 15" rcp with 2 concrete collars (just south of 2GI).	N/A	0.7	0.8	2.7	8						1.0			
		7	5	75+35 I74EBL Rt. (right side ditch)	remove and replace 8' of 18" rcp with 2 concrete collars.						8					1.0			
		8	5	82+15 I74EBL Lt. (median ditch)	replace 1 wide slot sag grate (existing grate missing).	5.6'													
		9	5	85+30 I74WBL Rt. (Median)	Replace concrete apron.	4.2'													
		10	6	134+70 I74WBL Rt. (Median)	Replace concrete apron. Remove and replace 8' of 15" rcp with concrete collar.	2.2'	0.7	0.8	2.7	8						1.0			
							SAY	1.4	1.7	5.3	16	8	4	1	100	3.4			
							TOTAL	5	5	10	16	8	4	1	100	3.4			