

SUMMARY OF QUANTITIES - DRAINAGE

PROJECT NO.	COUNTY	DRAINAGE ITEM NO.	PLAN SHEET	ROUTE	Hydraulics Recommendation	Structure depth	01000000-E	01100000-E	02100000-E	023520000-E	023585000-E	027200000-E	027800000-E	028400000-E	040200000-E	045300000-E	045300000-E	045300000-E	09800000-E	09800000-E	099200000-E	099400000-N
							BORROW EXCAVATION	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	FOUNDATION	15" DRAINAGE PIPE	15" DRAINAGE PIPE ELBOWS	18" RC PIPE CULVERTS, CLASS III	24" RC PIPE CULVERTS, CLASS III	30" RC PIPE CULVERTS, CLASS III	48" RC PIPE CULVERTS, CLASS III	15" PIPE END SECTION	18" PIPE END SECTION	30" PIPE END SECTION	GENERIC PIPE ITEM - 18" PIPE REHABILITATION	GENERIC PIPE ITEM - PRE INSTALLATION INSPECTION	GENERIC PIPE ITEM - DE-WATERING	PIPE CLEAN OUT
							CY	TON	SY	LF	EA	LF	LF	LF	EA	EA	EA	LF	LF	EA	EA	
		1	4	464-65 WBL Lt	Remove and replace 18" concrete Flared End Section (FES) and 4' of 18" rcp with concrete collar	N/A	0.3	0.4	1.3			4				1						
		2	4	474-60 WBL Lt	Remove and replace 15" FES	N/A									1							
		3	4	479-50 WBL Lt	Remove and replace 18" FES and 4' of 18" rcp with concrete collar	N/A	0.3	0.4	1.3			4				1						
		4	5	499-60 WBL Lt	Line 70' of 18" rcp	N/A												70	70	1	1	
		5	5	505-60 WBL Lt	Remove and replace 18" FES and 16' of 18" rcp with concrete collar.	N/A	0.7	1.7	5.3			16				1						
		6	5	505-60 WBL Lt	Remove and replace 18" FES and 16' of 18" rcp with concrete collar. Line 44' of 18" rcp	N/A	0.7	1.7	5.3			16				1		44	44	1	1	
		7	5	524-80 EBL Rt	Extend 4' of 24" rcp with concrete collar	N/A	0.4						4									
		8	7	600-60 WBL Lt	Remove and replace 18" FES	N/A										1						
		9	7	615-20 WBL Lt	Remove and replace 18" FES and 4' of 18" rcp with concrete collar	N/A	0.3	0.4	1.3			4				1						
		10	7	615-10 EBL Rt	Remove and replace 4' of 18" rcp with concrete collar	N/A	0.3	0.4	1.3			4										
		11	7	620-10 WBL Lt	Remove and replace 18" FES and 4' of 18" rcp with concrete collar	N/A	0.3	0.4	1.3			4				1						
		12	8	639-05 WBL Lt	Remove and replace 8' of 18" rcp with concrete collar	N/A	0.3	0.9	2.7			8										
		13	8	644-80 EBL Rt	Extend 4' of 24" rcp with concrete collar	N/A	0.4						4									
		14	8	657-50 EBL Rt	Extend 4x3 RCBC with JB and 8' of 48" RCP	8'	2.1	0.9	2.7						8							
		15	9	690-85 EBL Rt	Remove and replace 4' of 24" rcp extend with JB	6'	1.1	0.4	1.3				4									
		16	10	729-60 WBL Lt	Remove and replace 18" FES and 4' of 18" rcp with concrete collar	N/A	0.3	0.4	1.3			4				1						
		17	11	765-30 WBL Lt	Remove and replace 28' 30" FES and 4' of 28' 30" rcp's with concrete collars	N/A	0.3	0.8	2.7				8				2					
		18	11	777-68 WBL Lt	Line 64' of 18" rcp	N/A												64	64	1	1	
		19	11	786-65 WBL Lt	Remove and replace 30" FES and 4' of 30" rcp with concrete collar	N/A	0.4	0.4	1.3				4				1					
		20	11	798-50 WBL Lt to 799-65 WBL Lt	Remove and replace 115' of 6" conc ditch	N/A																
		21	11	799-65 WBL Lt	Remove and replace 18" FES and 8' of 18" rcp with concrete collar. Line 56' of 18" rcp	N/A	0.3	0.9	2.7			8				1		56	56	1	1	
		22	12	818-60 WBL Lt	Remove and replace 24' of 18" rcp with concrete collar. Line 40' of 18" rcp	N/A	1.0	2.6	8.0			24						40	40	1	1	
		1101	11	798-00 EBL Rt	Prop 2G with 20' of 15" drainage pipe with 2 elbows					20.0	2											
		1102	11	798-00 EBL Rt	Prop erosion class B rip rap at outlet																	
		1103	11	801-00 EBL Rt	Prop 2G with 20' of 15" drainage pipe with 2 elbows					20.0	2											
		1104	11	801-00 EBL Rt	Prop erosion class B rip rap at outlet																	
		1105	11	804-00 EBL Rt	Prop 2G with 20' of 15" drainage pipe with 2 elbows					20.0	2											
		1106	11	804-00 EBL Rt	Prop erosion class B rip rap at outlet																	
		1107	11	807-00 EBL Rt	Prop 2G with 20' of 15" drainage pipe with 2 elbows					20.0	2											
		1108	11	807-00 EBL Rt	Prop erosion class B rip rap at outlet																	
		1201	12	810-00 EBL Rt	Prop 2G with 20' of 15" drainage pipe with 2 elbows					20.0	2											
		1202	12	810-00 EBL Rt	Prop erosion class B rip rap at outlet																	
		1203	12	813-00 EBL Rt	Prop 2G with 20' of 15" drainage pipe with 2 elbows					20.0	2											
		1204	12	813-00 EBL Rt	Prop erosion class B rip rap at outlet																	
		1205	12	825-00 EBL Rt	Prop 2G with 20' of 15" drainage pipe with 2 elbows					20.0	2											
		1206	12	825-00 EBL Rt	Prop erosion class B rip rap at outlet																	
		1207	12	826-25 EBL Rt	Prop 2G with 30' of 15" drainage pipe with 2 elbows					30.0	2											
		1208	12	826-25 EBL Rt	Prop erosion class B rip rap at outlet																	
		1209	12	827-85 EBL Rt	Prop 2G with 30' of 15" drainage pipe with 2 elbows					30.0	2											
		1210	12	827-85 EBL Rt	Prop erosion class B rip rap at outlet																	
		1211	12	829-00 EBL Rt	Prop 2G with 20' of 15" drainage pipe with 2 elbows					20.0	2											
		1212	12	829-00 EBL Rt	Prop erosion class B rip rap at outlet																	
					SAV		9.7	12.7	40.0	220.0	20	96	12	12	8	1	9	3	274	274	5	5
					TOTAL		10	13	40	220	20	96	12	12	8	1	9	3	274	274	5	5

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