

SUMMARY OF QUANTITIES - DRAINAGE

PROJECT NO.	COUNTY	DRAINAGE ITEM NO.	PLAN SHEET	ROUTE	Hydraulics Recommendation	Median ZGI structure depth	122000000.E	225200000.E	278600000.N	230800000.E	226420000.N	261900000.E	364900000.E	365600000.E	400000000.E	401200000.E	402900000.E	404200000.E	408400000.E	611100000.E	611700000.N	611750000.N	
							INCIDENTAL STONE BASE	PIPE COLLARS	MASONRY DRAINAGE STRUCTURES	MASONRY DRAINAGE STRUCTURES	FRAME WITH TWO GRATES, STD 840.20	4" CONCRETE PAVED DITCH	RIP RAP, CLASS B	GEOTEXTILE FOR DRAINAGE	TEMPORARY SILT FENCE	SEDIMENT CONTROL STONE	SAFETY FENCE	1/4" HARDWARE CLOTH	WATTLE	SEEDING & MULCHING	IMPERVIOUS DIKE	RESPONSE FOR EROSION CONTROL	CONCRETE WASHOUT STRUCTURE
							TON	CY	EA	LF	EA	SY	TON	SY	LF	TON	LF	LF	LF	ACR	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		0.5							5		40	40	0.10				
		2	4	474+40 WBL Lt	Remove and replace 15' FES	N/A									5		40	40	0.10				
		3	4	479+50 WBL Lt	Remove and replace 18" FES and 4' of 18" rcp with concrete collar	N/A		0.5							5		40	40	0.10				
		4	5	499+60 WBL Rt	Line 70' of 18" rcp	N/A									5		40	40	0.10	15			
		5	5	505+60 WBL Lt	Remove and replace 18" FES and 1/4' of 18" rcp with concrete collar	N/A		0.5							5		40	40	0.10				
		6	5	505+60 WBL Rt	Remove and replace 18" FES and 1/4' of 18" rcp with concrete collar. Line 44' of 18" rcp	N/A		0.5							5		40	40	0.10	15			
		7	5	524+80 EBL Rt	Extend 4' of 24" rcp with concrete collar	N/A		0.6							5		40	40	0.10				
		8	7	600+60 WBL Lt	Remove and replace 18" FES	N/A									5		40	40	0.10				
		9	7	615+20 WBL Lt	Remove and replace 18" FES and 4' of 18" rcp with concrete collar	N/A		0.5							5		40	40	0.10				
		10	7	615+10 EBL Rt	Remove and replace 4' of 18" rcp with concrete collar	N/A		0.5							5		40	40	0.10				
		11	7	620+10 WBL Lt	Remove and replace 18" FES and 4' of 18" rcp with concrete collar	N/A		0.5							5		40	40	0.10				
		12	8	639+05 WBL Lt	Remove and replace 8' of 18" rcp with concrete collar	N/A		0.5							5		40	40	0.10				
		13	8	644+80 EBL Rt	Extend 4' of 24" rcp with concrete collar	N/A		0.6							5		40	40	0.10				
		14	8	657+50 EBL Rt	Extend 4x3' RCBC with JB and 8' of 48" RCP	8'			1	3.0					5		40	40	0.10				
		15	9	690+85 EBL Rt	Remove and replace 4' of 24" rcp extend with JB	6'			1	1.0					5		40	40	0.10				
		16	10	729+60 WBL Lt	Remove and replace 18" FES and 4' of 18" rcp with concrete collar	N/A		0.5							5		40	40	0.10				
		17	11	765+30 WBL Lt	Remove and replace 2@ 30" FES and 4' of 2@ 30" rcp's with concrete collars	N/A		1.4							5		40	40	0.10				
		18	11	777+68 WBL Lt	Line 64' of 18" rcp	N/A									5		40	40	0.10	15			
		19	11	786+65 WBL Lt	Remove and replace 30" FES and 4' of 30" rcp with concrete collar	N/A		0.7							5		40	40	0.10				
		20	11	798+50 WBL Lt to 799+65 WBL Lt	Remove and replace 115' of 6" conc ditch	N/A					77				5		40	40	0.10				
		21	11	799+65 WBL Lt	Remove and replace 18" FES and 8' of 18" rcp with concrete collar. Line 54' of 18" rcp	N/A		0.5							5		40	40	0.10	15			
		22	12	818+40 WBL Lt	Remove and replace 24' of 18" rcp with concrete collar. Line 40' of 18" rcp	N/A		0.5							5		40	40	0.10	15			
		1101	11	798+00 EBL Rt	Prop ZGI with 20' of 15" drainage pipe with 2 elbows				1		1				5		40	40	0.10				
		1102	11	798+00 EBL Rt	Prop erosion class B rip rap at outlet							2	7		5		40	40	0.10				
		1103	11	801+00 EBL Rt	Prop ZGI with 20' of 15" drainage pipe with 2 elbows				1		1				5		40	40	0.10				
		1104	11	801+00 EBL Rt	Prop erosion class B rip rap at outlet							2	7		5		40	40	0.10				
		1105	11	804+00 EBL Rt	Prop ZGI with 20' of 15" drainage pipe with 2 elbows				1		1				5		40	40	0.10				
		1106	11	804+00 EBL Rt	Prop erosion class B rip rap at outlet							2	7		5		40	40	0.10				
		1107	11	807+00 EBL Rt	Prop ZGI with 20' of 15" drainage pipe with 2 elbows				1		1				5		40	40	0.10				
		1108	11	807+00 EBL Rt	Prop erosion class B rip rap at outlet							2	7		5		40	40	0.10				
		1201	12	810+00 EBL Rt	Prop ZGI with 20' of 15" drainage pipe with 2 elbows				1		1				5		40	40	0.10				
		1202	12	810+00 EBL Rt	Prop erosion class B rip rap at outlet							2	7		5		40	40	0.10				
		1203	12	813+00 EBL Rt	Prop ZGI with 20' of 15" drainage pipe with 2 elbows				1		1				5		40	40	0.10				
		1204	12	813+00 EBL Rt	Prop erosion class B rip rap at outlet							2	7		5		40	40	0.10				
		1205	12	825+00 EBL Rt	Prop ZGI with 20' of 15" drainage pipe with 2 elbows				1		1				5		40	40	0.10				
		1206	12	825+00 EBL Rt	Prop erosion class B rip rap at outlet							2	7		5		40	40	0.10				
		1207	12	826+25 EBL Rt	Prop ZGI with 30' of 15" drainage pipe with 2 elbows				1		1				5		40	40	0.10				
		1208	12	826+25 EBL Rt	Prop erosion class B rip rap at outlet							2	7		5		40	40	0.10				
		1209	12	827+85 EBL Rt	Prop ZGI with 30' of 15" drainage pipe with 2 elbows				1		1				5		40	40	0.10				
		1210	12	827+85 EBL Rt	Prop erosion class B rip rap at outlet							2	7		5		40	40	0.10				
		1211	12	829+00 EBL Rt	Prop ZGI with 20' of 15" drainage pipe with 2 elbows				1		1				5		40	40	0.10				
		1212	12	829+00 EBL Rt	Prop erosion class B rip rap at outlet							2	7		5		40	40	0.10				
						SAY	200	8.8	12	4.0	10	77	20	70	400	210	300	1,680	1,680	4.20	75	7	7
						TOTAL	200	8.8	12	4.0	10	77	20	70	400	210	300	1,680	1,680	4.20	75	7	7

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