

SUMMARY OF QUANTITIES - DRAINAGE

PROJECT NO.	COUNTY	DRAINAGE ITEM NO.	PLAN SHEET	ROUTE	Hydraulics Recommendation	Structure depth	010600000-E	021800000-E	032100000-E	036400000-E	037200000-E	122000000-E	226300000-E	226400000-E	227500000-E	228400000-N	234500000-N	247200000-N	600000000-E	601200000-E	602900000-E	604200000-E	607101000-E	608400000-E	611700000-N	611750000-N			
							BORROW EXCAVATION	FOUNDATION CONDITIONING MATERIAL MINOR STRUCTURES	FOUNDATION CONDITIONING GEOTEXTILE	15" RC PIPE CULVERTS, CLASS III	18" RC PIPE CULVERTS, CLASS III	INCIDENTAL STONE BASE	PIPE COLLARS	PIPE PLUGS	FLOWABLE FILL	MASONRY DRAINAGE STRUCTURES	FRAME WITH TWO GRATES, STD 840.22	GENERIC DRAINAGE ITEM - CONCRETE APRON FOR DROP INLET	TEMPORARY SILT FENCE	SEDIMENT CONTROL STONE	SAFETY FENCE	1/4" HARDWARE CLOTH	WATTLE	SEEDING & MULCHING	RESPONSE FOR EROSION CONTROL	CONCRETE WASHOUT STRUCTURE			
							CY	TON	SY	LF	LF	TON	CY	CY	CY	EA	EA	EA	LF	TON	LF	LF	LF	ACR	EA	EA			
		1	5	180+90 WBL MEDIAN	REPLACE CONCRETE APRON	N/A																							
		2	5	188+90 WBL MEDIAN	REPLACE CONCRETE APRON	N/A																							
		3	6	196+90 WBL MEDIAN	REPLACE CONCRETE APRON	N/A																							
		4	6	199+15 WBL MEDIAN	REPLACE CONCRETE APRON	N/A																							
		5	6	222+40 WBL MEDIAN	INSTALL CONCRETE APRON	N/A																							
		6	6	227+35 WBL MEDIAN	REPLACE CONCRETE APRON	N/A																							
		7	7	236+00 WBL MEDIAN	REPLACE CONCRETE APRON	N/A																							
		8	7	243+15 WBL MEDIAN	REPLACE CONCRETE APRON	N/A																							
		9	7	251+15 WBL MEDIAN	REPLACE CONCRETE APRON	N/A																							
		10	7	259+15 WBL MEDIAN	REPLACE CONCRETE APRON	N/A																							
		11	7	267+15 WBL MEDIAN	REPLACE CONCRETE APRON	N/A																							
		12	7	275+15 WBL MEDIAN	REPLACE 2 WIDE SLOT SAG GRATES (EXISTING GRATES MISSING). REPLACE CONCRETE APRON	N/A										1	2	1											
		13	14	729+55 WBL LT	REMOVE AND REPLACE 8" OF 18" RCP WITH CONCRETE COLLAR ON EACH SIDE OF STRUCTURE. BACKFILL TO EXISTING DITCH SLOPES. REPLACE CONCRETE APRON	N/A	0.5	0.8	2.7		8			0.893				1											
		14	15	815+25 WBL MEDIAN	PLUG & FILL EXISTING 24" CMP WITH FLOWABLE FILL. CONTAIN GROUT OUTSIDE OF WETLANDS. CONTRACTOR'S MEANS AND METHODS SHOULD ASSURE PIPES ARE FLOWABLE FILLED COMPLETELY	N/A								0.232		17.8													
		15	15	825+25 WBL MEDIAN	PLUG & FILL EXISTING 24" CMP WITH FLOWABLE FILL. CONTAIN GROUT OUTSIDE OF WETLANDS. CONTRACTOR'S MEANS AND METHODS SHOULD ASSURE PIPES ARE FLOWABLE FILLED COMPLETELY	N/A								0.232		17.8													
		16	15	856+25 WBL MEDIAN	PLUG & FILL EXISTING 24" CMP WITH FLOWABLE FILL. CONTAIN GROUT OUTSIDE OF WETLANDS. CONTRACTOR'S MEANS AND METHODS SHOULD ASSURE PIPES ARE FLOWABLE FILLED COMPLETELY	N/A								0.232		17.8													
		17	16	871+25 WBL MEDIAN	PLUG & FILL EXISTING 24" CMP WITH FLOWABLE FILL. CONTAIN GROUT OUTSIDE OF WETLANDS. CONTRACTOR'S MEANS AND METHODS SHOULD ASSURE PIPES ARE FLOWABLE FILLED COMPLETELY	N/A								0.232		17.8													
		18	16	874+40 WBL MEDIAN	REMOVE AND REPLACE 2G. REMOVE AND REPLACE 4" OF 15" RCP WITH CONCRETE COLLAR. REPLACE CONCRETE APRON	N/A	0.5	0.4	1.3	4				0.399			1	1										1	
		19	17	930+00 WBL MEDIAN	REMOVE AND REPLACE 8" OF 15" RCP WITH CONCRETE COLLAR ON EACH SIDE OF STRUCTURE. BACKFILL TO EXISTING DITCH SLOPES. REPLACE CONCRETE APRON	N/A	0.5	0.8	2.7	8				0.798															
		20	17	964+55 WBL MEDIAN	REMOVE AND REPLACE 8" OF 15" RCP WITH CONCRETE COLLAR ON EACH SIDE OF STRUCTURE. BACKFILL TO EXISTING DITCH SLOPES. REPLACE CONCRETE APRON	N/A	0.5	0.8	2.7	8				0.798															
		21	18	984+00 WBL MEDIAN	REPLACE 1 WIDE SLOT SAG GRATE (EXISTING GRATE MISSING)	N/A											1												
		22	18	1001+65 WBL MEDIAN	REPLACE 1 WIDE SLOT SAG GRATE (EXISTING GRATE MISSING)	N/A											1												
		23	18	1021+80 WBL MEDIAN	REMOVE AND REPLACE 1 WIDE SLOT SAG GRATE (EXISTING GRATE BROKEN)	N/A											1												
		24	19	1063+65 WBL MEDIAN	REMOVE AND REPLACE 2G. REMOVE AND REPLACE 4" OF 15" RCP WITH CONCRETE COLLAR	N/A	0.5	0.4	1.3	4				0.399			1	1											1
		6		-174WBL- 215+55 TO 224+96	REMOVE & REPLACE EXIST C/A FENCE	N/A																						0.23	
		7-8		-174WBL- 253+27 TO 308+36	REMOVE & REPLACE EXIST C/A FENCE	N/A																						1.27	
		14-15		-174EBL- 781+33 TO 792+01	REMOVE & REPLACE EXIST C/A FENCE	N/A																						0.26	
					TOTAL		2.5	3.4	10.7	24	8		3.287	0.928	71.2	3	7	16		140			1,120	1,120	4.55		2		
					SAY		5	5	20	24	8	250	3.5	1.00	71.3	3	7	16	350	140	250	1,120	1,120	5	6	2			