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SHEET NUM.											PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
7	8	17	18	19	20	46	57	92	01/SAF/PV	02/SAF/BR								
											LS	201	11000	LS		CLEARING AND GRUBBING		
					7,170						7,170	202	23000	7,170	SY	PAVEMENT REMOVED		
		219									219	202	35100	219	FT	PIPE REMOVED, 24" AND UNDER		
		42									42	202	35101	42	FT	PIPE REMOVED, 24" AND UNDER, AS PER PLAN	8	
		917									917	202	38000	917	FT	GUARDRAIL REMOVED		
						1,290	1,111				2,401	203	10000	2,401	CY	EXCAVATION		
						10,079	5,296				15,375	203	20000	15,375	CY	EMBANKMENT		
6											6	204	45000	6	HOUR	PROOF ROLLING		
					11,019						11,019	206	10020	11,019	SY	LIME STABILIZED SUBGRADE, 14 INCHES DEEP		
					335						335	206	10300	335	TON	LIME		
					11,019						11,019	206	11000	11,019	SY	CURING COAT		
		757									757	608	10000	757	SF	4" CONCRETE WALK		
		160									160	608	53020	160	SF	DETECTABLE WARNING		
								6			6	623	38500	6	EACH	MONUMENT ASSEMBLY		
											LS	878	25000	LS		INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS		
																EROSION CONTROL		
				65							65	601	11000	65	SY	RIPRAP, TYPE D		
				116							116	601	21060	116	SY	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT		
	25			89							114	601	32104	114	CY	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC		
	1,670										1,670	659	00300	1,670	CY	TOPSOIL		
	15,047										15,047	659	00500	15,047	SY	SEEDING AND MULCHING, CLASS 1		
	752										752	659	14000	752	SY	REPAIR SEEDING AND MULCHING		
	752										752	659	15000	752	SY	INTER-SEEDING		
	2.03										2.03	659	20000	2.03	TON	COMMERCIAL FERTILIZER		
	3.11										3.11	659	31000	3.11	ACRE	LIME		
	81										81	659	35000	81	MGAL	WATER		
					1,369						1,369	670	00720	1,369	SY	DITCH EROSION PROTECTION MAT, TYPE B		
											LS	832	15001	LS		STORM WATER POLLUTION PREVENTION PLAN, AS PER PLAN	21	
											LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS		
											LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE		
											60,000	832	30000	60,000	EACH	EROSION CONTROL		
																DRAINAGE		
				0.7							0.7	602	20000	0.7	CY	CONCRETE MASONRY		
					596						596	605	05200	596	FT	4" UNCLASSIFIED PIPE UNDERDRAINS, 707.31		
					2,268						2,268	605	06000	2,268	FT	4" BASE PIPE UNDERDRAINS, 707.31		
		478									478	605	31100	478	FT	AGGREGATE DRAINS		
					127						127	611	00410	127	FT	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET		
	100										100	611	03300	100	FT	10" CONDUIT, TYPE C		
	100										100	611	04600	100	FT	12" CONDUIT, TYPE C		
					92						92	611	07200	92	FT	18" CONDUIT, TYPE A, 707.01 ALUMINIZED (0.079), 707.04 (0.079), 706.02, 707.33 WITH WELDED BELL		
					291						291	611	07401	291	FT	18" CONDUIT, TYPE B, AS PER PLAN	8	
	100										100	611	07600	100	FT	18" CONDUIT, TYPE C		
											53	611	07601	53	FT	18" CONDUIT, TYPE C, AS PER PLAN	8	
					6						6	611	98471	6	EACH	CATCH BASIN, NO. 2-2B, AS PER PLAN	8	
						8					8	611	99710	8	EACH	PRECAST REINFORCED CONCRETE OUTLET		

GENERAL SUMMARY

MAD - 29 - 5.87

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SHEET NUM.										PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
								79	86	01/SAF/PV	02/SAF/BR						
STRUCTURE OVER 20 FOOT SPAN (MAD-29-0600)																	
										LS		202	11000	LS		STRUCTURE REMOVED	
										LS		503	11100	LS		COFFERDAMS AND EXCAVATION BRACING	
										LS		503	21300	LS		UNCLASSIFIED EXCAVATION	
								6,506		6,506		509	10000	6,506	LB	EPOXY COATED REINFORCING STEEL	
								14		14		511	46011	14	CY	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN	78
								48		48		511	46510	48	CY	CLASS QC1 CONCRETE, FOOTING	
								2		2		511	46610	2	CY	CLASS QC1 CONCRETE, HEADWALL	
								83		83		512	10100	83	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
								341		341		512	33000	341	SY	TYPE 2 WATERPROOFING	
								38		38		516	13600	38	SF	1" PREFORMED EXPANSION JOINT FILLER	
								11		11		518	21200	11	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
								78		78		611	96496	78	FT	20' X 6' CONDUIT, TYPE A, 706.05	
STRUCTURE OVER 20 FOOT SPAN (MAD-38-2153)																	
										LS		202	11201	LS		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	85
										LS		503	11100	LS		COFFERDAMS AND EXCAVATION BRACING	
										LS		503	21300	LS		UNCLASSIFIED EXCAVATION	
								3,246		3,246		509	10000	3,246	LB	EPOXY COATED REINFORCING STEEL	
								7		7		511	46011	7	CY	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN	85
								24		24		511	46510	24	CY	CLASS QC1 CONCRETE, FOOTING	
								1		1		511	46610	1	CY	CLASS QC1 CONCRETE, HEADWALL	
								44		44		512	10100	44	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
								211		211		512	33000	211	SY	TYPE 2 WATERPROOFING	
								19		19		516	13600	19	SF	1" PREFORMED EXPANSION JOINT FILLER	
								5		5		518	21200	5	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
								44		44		611	96496	44	FT	20' X 6' CONDUIT, TYPE A, 706.05	
INCIDENTALS																	
										LS		614	11000	LS		MAINTAINING TRAFFIC	
										4		619	16010	4	MNTH	FIELD OFFICE, TYPE B	
										LS		623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	8
										LS		624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

MAD-29-5.87

ESTIMATED QUANTITIES					
ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	SHEET #
202	11000		LS	STRUCTURE REMOVED	
503	11100		LS	COFFERDAMS AND EXCAVATION BRACING	
503	21300		LS	UNCLASSIFIED EXCAVATION	
509	10000	6506	LB	EPOXY COATED REINFORCING STEEL	
511	46011	14	CY	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN	2/7
511	46510	48	CY	CLASS QC1 CONCRETE, FOOTING	
511	46610	2	CY	CLASS QC1 CONCRETE, HEADWALL	
512	10100	83	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
512	33000	341	SY	TYPE 2 WATERPROOFING	
516	13600	38	SF	1" PREFORMED EXPANSION JOINT FILLER	
518	21200	11	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
611	96496	78	FT	20' X 6' CONDUIT, TYPE A, 706.05	

NOTE: ITEM 601 RIPRAP, TYPE D AND ITEM 601 ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC ARE INCLUDED WITH ROADWAY ITEMS FOR PAYMENT. TOTAL QUANTITIES CARRIED TO GENERAL SUMMARY SHEET

ESTIMATED QUANTITIES					
ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	SHEET #
202	11201		LS	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	2/6
503	11100		LS	COFFERDAMS AND EXCAVATION BRACING	
503	21300		LS	UNCLASIFIED EXCAVATION	
509	10000	3246	LB	EPOXY COATED REINFORCING STEEL	
511	46011	7	CY	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN	2/6
511	46510	24	CY	CLASS QC1 CONCRETE, FOOTING	
511	46610	1	CY	CLASS QC1 CONCRETE, HEADWALL	
512	10100	44	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
512	33000	211	SY	TYPE 2 WATERPROOFING	
516	13600	19	SF	1" PREFORMED EXPANSION JOINT FILLER	
518	21200	5	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
611	96496	44	FT	20' X 6' CONDUIT, TYPE A, 706.05	

NOTE: ITEM 202 PIPE REMOVED, 24" AND UNDER, AS PER PLAN, ITEM 601 RIPRAP, TYPE D AND ITEM 601 ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC ARE INCLUDED WITH ROADWAY ITEMS FOR PAYMENT. TOTAL QUANTITIES CARRIED TO GENERAL SUMMARY SHEET.