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SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.	CALCULATED	COM	CHECKED	DTB
6	6A					42	43				01/STR/BR	EXT	TOTAL								
STRUCTURE OVER 20 FOOT SPAN (MAD-62-2.79, SFN 4902131)																					
							LS				LS	202	11003	LS		STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	42				
							875				875	202	23500	875	SY	WEARING COURSE REMOVED					
							LS				LS	503	11100	LS		COFFERDAMS AND EXCAVATION BRACING					
							LS				LS	503	21300	LS		UNCLASSIFIED EXCAVATION					
							LS				LS	505	11100	LS		PILE DRIVING EQUIPMENT MOBILIZATION					
							800				800	507	00500	800	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN					
							960				960	507	00550	960	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED					
							1,080				1,080	507	00700	1,080	FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN					
							1,200				1,200	507	00750	1,200	FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED					
							105,854				105,854	509	10000	105,854	LB	EPOXY COATED REINFORCING STEEL					
							294				294	511	21522	294	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE					
							49				49	511	33418	49	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE					
							174				174	511	40512	174	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS					
							145				145	511	43512	145	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING					
							88				88	511	46510	88	CY	CLASS QC1 CONCRETE, FOOTING					
							950				950	512	10050	950	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)					
							31				31	512	10300	31	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN					
							12				12	515	15080	12	EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF42-49, L=93'-8"					
							27				27	515	20000	27	EACH	INTERMEDIATE DIAPHRAGMS					
							131				131	516	13200	131	SF	1/2" PREFORMED EXPANSION JOINT FILLER					
							242				242	516	13600	242	SF	1" PREFORMED EXPANSION JOINT FILLER					
							93				93	516	14014	93	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL					
							24				24	516	44101	24	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) 2.88" X 14" X 20" WITH 15" X 21" LOAD PLATE, AS PER PLAN	54				
							579				579	517	70000	579	FT	RAILING (TWIN STEEL TUBE)					
							86				86	518	21200	86	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC					
							706				706	SPECIAL	51822300	706	FT	STEEL DRIP STRIP					
							115				115	518	40000	115	FT	6" PERFORATED CORRUGATED PLASTIC PIPE					
							53				53	518	40010	53	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS					
							2				2	523	20000	2	EACH	DYNAMIC LOAD TESTING					
							4				4	523	20500	4	EACH	RESTRIKE					
							178				178	526	25000	178	SY	REINFORCED CONCRETE APPROACH SLABS (T=15")					
							69				69	526	90010	69	FT	TYPE A INSTALLATION					
							645				645	601	32110	645	CY	ROCK CHANNEL PROTECTION, TYPE B WITH AGGREGATE FILTER					
						LS					LS	SPECIAL	69071000	LS		ASBESTOS ABATEMENT (MAD-62-2.79 STRUCTURE)	42				
MAINTENANCE OF TRAFFIC																					
							530				530	407	20000	530	GAL	NON-TRACKING TACK COAT					
							260				260	441	50000	260	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22					
	16						16				16	614	11110	16	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE					
							LS				LS	614	12420	LS		DETOUR SIGNING					
							41				41	614	13000	41	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC					
							7				7	616	10000	7	MGAL	WATER					
							150				150	617	10100	150	CY	COMPACTED AGGREGATE					
							2				2	617	25000	2	MGAL	WATER					
							2.12				2.12	642	00300	2.12	MILE	CENTER LINE, TYPE 1					
INCIDENTALS																					
							LS				LS	103	05000	LS		PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND					
							LS				LS	614	11000	LS		MAINTAINING TRAFFIC					
							9				9	619	16010	9	MNTH	FIELD OFFICE, TYPE B					
							LS				LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING					
							LS				LS	624	10000	LS		MOBILIZATION					

GENERAL SUMMARY

MAD - 62 - 2.79

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ESTIMATED QUANTITIES										
CALC BY: <u>AJM</u>				CHK'D BY: <u>MMP</u>						
ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTMENTS	PIERS	SUPER- STRUCTURE	GENERAL	AS PER PLAN SHEET NUMBERS	
202	11003	LUMP		STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				LUMP	2	
202	23500	875	SY	WEARING COURSE REMOVED			875			
503	11100	LUMP		COFFERDAMS AND EXCAVATION BRACING				LUMP		
503	21300	LUMP		UNCLASSIFIED EXCAVATION	267 CY *	247 CY *				
505	11100	LUMP		PILE DRIVING EQUIPMENT MOBILIZATION				LUMP		
507	00500	800	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	800					
507	00550	960	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	960					
507	00700	1080	FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN		1080				
507	00750	1200	FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED		1200				
509	10000	105,854	POUND	EPOXY COATED REINFORCING STEEL	9,967	19,051	76,848			
511	21522	294	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE			294			
511	33418	49	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE			49			
511	40512	174	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTING		174				
511	43512	145	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	145					
511	46510	88	CY	CLASS QC1 CONCRETE, FOOTING		88				
512	10050	950	SY	SEALING CONCRETE SURFACES (NON-EPOXY)	34	260	656			
512	10300	31	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN			31			
515	15080	12	EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF42-49, L=93'-8"			12			
515	20000	27	EACH	INTERMEDIATE DIAPHRAGMS			27			
516	13200	131	SF	1/2" PREFORMED EXPANSION JOINT FILLER	131					
516	13600	242	SF	1" PREFORMED EXPANSION JOINT FILLER	242					
516	14014	93	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL			93			
516	44101	24	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) 2.88" X 14" X 20" WITH 15" X 21" LOAD PLATE, AS PER PLAN	8	16			14	
517	70000	579	FT	RAILING (TWIN STEEL TUBE)			579			
518	21200	86	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC				86		
SPECIAL	51822300	706	FT	STEEL DRIP STRIP			706			
518	40000	115	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	115					
518	40010	53	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	53					
523	20000	2	EACH	DYNAMIC LOAD TESTING				2		
523	20500	4	EACH	RESTRIKE				4		
526	25000	178	SY	REINFORCED CONCRETE APPROACH SLABS (T=15')				178		
526	90010	69	FT	TYPE A INSTALLATION				69		
601	32110	645	CY	ROCK CHANNEL PROTECTION, TYPE B WITH AGGREGATE FILTER				645		
SPECIAL	69071000	LUMP		ASBESTOS ABATEMENT				LUMP		

* UNCLASSIFIED EXCAVATION QUANTITIES ARE INCLUDED FOR INFORMATIONAL PURPOSES ONLY.

DESIGN AGENCY
EUTHEMICS INC.
CONSULTING ENGINEERS

DESIGNED
LAB
CHECKED
AJM

DRAWN
VMB
REVISED
MMP

REVIEWED
RAB
STRUCTURE FILE NUMBER
4902131

DATE
06/20/19

ESTIMATED QUANTITIES
MAD-62-02.79 BRIDGE
OVER DEER CREEK

MAD-62-2.79
PID No. 102577