

F:\Jobs\1006 - MAD-62\02577\_MAD-62-2.79\Design\Roadway\Sheets\02577\_GG002.dgn\_Sheet 11/17/2020 6:45:03 PM mrcosgr1ff

SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.	CALCULATED	COM	CHECKED	DTB
6	6A					42	43				01/STR/BR		EXT	TOTAL							
<b>STRUCTURE OVER 20 FOOT SPAN (MAD-62-2.79, SFN 4902131)</b>																					
							LS				LS	202	11003	LS						42	
							875				875	202	23500	875	SY						
							LS				LS	503	11100	LS							
							LS				LS	503	21300	LS							
							LS				LS	505	11100	LS							
							800				800	507	00500	800	FT						
							960				960	507	00550	960	FT						
							1,080				1,080	507	00700	1,080	FT						
							1,200				1,200	507	00750	1,200	FT						
							105,854				105,854	509	10000	105,854	LB						
							294				294	511	21522	294	CY						
							49				49	511	33418	49	CY						
							174				174	511	40512	174	CY						
							145				145	511	43512	145	CY						
							88				88	511	46510	88	CY						
							950				950	512	10050	950	SY						
							31				31	512	10300	31	SY						
							12				12	515	15080	12	EACH						
							27				27	515	20000	27	EACH						
							131				131	516	13200	131	SF						
							242				242	516	13600	242	SF						
							93				93	516	14014	93	FT						
							24				24	516	44101	24	EACH					54	
							579				579	517	70000	579	FT						
							86				86	518	21200	86	CY						
							706				706	SPECIAL	51822300	706	FT						
							115				115	518	40000	115	FT						
							53				53	518	40010	53	FT						
							2				2	523	20000	2	EACH						
							4				4	523	20500	4	EACH						
							178				178	526	25000	178	SY						
							69				69	526	90010	69	FT						
							645				645	601	32110	645	CY						
						LS					LS	SPECIAL	69071000	LS						42	
<b>MAINTENANCE OF TRAFFIC</b>																					
							530				530	407	20000	530	GAL						
							260				260	441	50000	260	CY						
	16						16				16	614	11110	16	HOUR						
							LS				LS	614	12420	LS							
							41				41	614	13000	41	CY						
	7						7				7	616	10000	7	MGAL						
							150				150	617	10100	150	CY						
							2				2	617	25000	2	MGAL						
							2.12				2.12	642	00300	2.12	MILE						
<b>INCIDENTALS</b>																					
							LS				LS	103	05000	LS							
							LS				LS	614	11000	LS							
							9				9	619	16010	9	MNTH						
							LS				LS	623	10000	LS							
							LS				LS	624	10000	LS							

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.

**ESTIMATED QUANTITIES**  
MAD-62-02.79 BRIDGE  
OVER DEER CREEK

**MAD-62-2.79**  
PID No. 102577

3 / 16

43  
66

DESIGN AGENCY  
**EUTHENICS INC.**  
CONSULTING ENGINEERS

DATE  
06/20/19

REVIEWED  
RAB

DRAWN  
VMB

DESIGNED  
LAB

STRUCTURE FILE NUMBER  
4902131

REVISED  
MMP

CHECKED  
AJM