

SHEET NUM.										PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
5	6	7	36								ITEM	EXT	TOTAL			
															<b>STRUCTURE OVER 20 FOOT SPAN (LAW-243-1089)</b>	
			LS								202	11003	LS		STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	35
			LS								503	11101	LS		COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	35
			487								503	21100	487	CY	UNCLASSIFIED EXCAVATION	
			LS								505	11100	LS		PILE DRIVING EQUIPMENT MOBILIZATION	
			800								507	00300	800	FT	STEEL PILES HP14X73, FURNISHED	
			720								507	00350	720	FT	STEEL PILES HP14X73, DRIVEN	
			36,273								509	10000	36,273	LB	EPOXY COATED REINFORCING STEEL	
			42								511	33418	42	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE	
			83								511	34446	83	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK	
			87								511	50210	87	CY	CLASS QC1 CONCRETE, SUBSTRUCTURE	
			302								512	10100	302	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
			4								515	15070	4	EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF36-49 (86'-4")	
			9								515	20000	9	EACH	INTERMEDIATE DIAPHRAGMS	
			64								516	13200	64	SF	1/2" PREFORMED EXPANSION JOINT FILLER	
			65								516	13600	65	SF	1" PREFORMED EXPANSION JOINT FILLER	
			53								516	13900	53	SF	2" PREFORMED EXPANSION JOINT FILLER	
			388								516	25000	388	SF	NYLON REINFORCED NEOPRENE SHEETING	
			8								516	46900	8	EACH	BEARING DEVICE, MISC.: ELASTOMERIC BEARING ASSEMBLY	47
			196								517	70100	196	FT	RAILING (THREE STEEL TUBE BRIDGE RAILING)	
			66								518	21200	66	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
			108								518	40000	108	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
			75								518	40011	75	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN	35
			178								526	25010	178	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15")	
			64								526	90010	64	FT	TYPE A INSTALLATION	
			27								846	00110	27	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM	
															<b>MAINTENANCE OF TRAFFIC</b>	
	64										614	11110	64	HOURLY	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
		6									614	12384	6	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL)	
		36									614	13310	36	EACH	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL	
		10									614	13314	10	EACH	BARRIER REFLECTOR, TYPE 3, BIDIRECTIONAL	
		46									614	13360	46	EACH	OBJECT MARKER, TWO WAY	
		0.11									614	21000	0.11	MILE	WORK ZONE CENTER LINE, CLASS I	
		0.66									614	22010	0.66	MILE	WORK ZONE EDGE LINE, CLASS I, 6"	
		0.05									614	22210	0.05	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I	
		51									614	26000	51	FT	WORK ZONE STOP LINE, CLASS I	
LS											615	10000	LS		ROADS FOR MAINTAINING TRAFFIC	
		221									615	20000	221	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	
5											616	10000	5	MGAL	WATER	
		1,351									622	41100	1,351	FT	PORTABLE BARRIER, UNANCHORED	
		95									622	41110	95	FT	PORTABLE BARRIER, ANCHORED	
															<b>INCIDENTALS</b>	
LS											614	11000	LS		MAINTAINING TRAFFIC	
											619	16000	6	MNTH	FIELD OFFICE, TYPE A	
											623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
											624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY  
  
 ms consultants, inc.  
 DESIGNER  
 GAN  
 REVIEWER  
 DLT 03/03/23  
 PROJECT ID  
 110558  
 SHEET TOTAL  
 15 | 65

CALC	ATM	DATE	3/10/23
CHECK	DBL	DATE	3/11/23

ESTIMATED QUANTITIES									
ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER.	GENERAL	SHEET REF.
202	11003	LS		STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN					3 / 25
202	23500	305	SY	WEARING COURSE REMOVED *				305	
503	11101	LS		COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN					3 / 25
503	21100	487	CY	UNCLASSIFIED EXCAVATION	487				
505	11100	LS		PILE DRIVING EQUIPMENT MOBILIZATION					
507	00300	800	FT	STEEL PILES HP14X73, FURNISHED	800				
507	00350	720	FT	STEEL PILES HP14X73, DRIVEN	720				
509	10000	36273	LB	EPOXY COATED REINFORCING STEEL	12,546		23,727		24 / 25 , 25 / 25
511	33418	42	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE			42		3 / 25
<del>511</del>	<del>34446</del>	<del>93</del>	<del>CY</del>	<del>CLASS QC3 CONCRETE WITH QC/QA, BRIDGE DECK</del>			93		5 / 25 , 6 / 25 , 19 / 25
511	50210	87	CY	CLASS QC1 CONCRETE, SUBSTRUCTURE	87				
512	10100	302	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	93		209		
515	15070	4	EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF36-49 (86'-4")			4		15 / 25
515	20000	9	EACH	INTERMEDIATE DIAPHRAGMS			9		19 / 25
516	13200	64	SF	1/2" PREFORMED EXPANSION JOINT FILLER	64				
516	13600	65	SF	1" PREFORMED EXPANSION JOINT FILLER	65				
516	13900	53	SF	2" PREFORMED EXPANSION JOINT FILLER	53				
516	25000	520	SF	NYLON REINFORCED NEOPRENE SHEETING	520				
516	46900	8	EACH	BEARING DEVICE MISC.: ELASTOMERIC BEARING ASSEMBLY	8				15 / 25
517	70100	196	FT	RAILING (THREE STEEL TUBE BRIDGE RAILING)			196		
518	21200	66	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	66				
518	40000	108	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	108				
518	40011	75	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN	75				3 / 25
526	25010	178	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15")				178	23 / 25
526	90010	64	FT	TYPE A INSTALLATION				64	
601	32204	75	CY	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC *	75				
846	00110	27	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM				27	

\* QUANTITY CARRIED TO GENERAL SUMMARY

ESTIMATED QUANTITIES  
 BRIDGE NO. LAW-243-1089  
 OVER LEATHERWOOD CREEK

SFN  
 4403542

DESIGN AGENCY



DESIGNER  
 ATM

CHECKER  
 DEA

REVIEWER  
 YSJ 05/11/23

PROJECT ID  
 110558

SUBSET TOTAL  
 4 25

SHEET TOTAL  
 36 65