

I:\ProjectData\Law\91549_LAW_243_1279\Design\Roadway\Sheets\91549_GG002.dgn Sheet 3/4/2021 8:31:00 AM mmccliel

SHEET NUM.								PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
5	6	7	8	15	16	28	36	01/STR/BR	EXT	TOTAL				
													STRUCTURE OVER 20 FOOT SPAN (4403607)	
							LS	LS	202	11003	LS		STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	35
							270	270	202	23500	270	SY	WEARING COURSE REMOVED	
							LS	LS	503	11101	LS		COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	35
							LS	LS	503	21301	LS		UNCLASSIFIED EXCAVATION, AS PER PLAN	35
							LS	LS	505	11100	LS		PILE DRIVING EQUIPMENT MOBILIZATION	
							1,800	1,800	507	00100	1,800	FT	STEEL PILES HPI0X42, FURNISHED	
							1,600	1,600	507	00150	1,600	FT	STEEL PILES HPI0X42, DRIVEN	
							40	40	507	93300	40	EACH	STEEL POINTS OR SHOES	
							42,814	42,814	509	10000	42,814	LB	EPOXY COATED REINFORCING STEEL	
							147	147	511	34446	147	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK	
							2	2	511	33500	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	
							163	163	511	43512	163	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	
							253	253	512	10100	253	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
							85	85	512	33000	85	SY	TYPE 2 WATERPROOFING	
							4	4	515	15070	4	EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF36-49 (76'-8 1/2" LONG)	
							3	3	515	20000	3	EACH	INTERMEDIATE DIAPHRAGMS	
							3	3	516	13600	3	SF	1" PREFORMED EXPANSION JOINT FILLER	
							108	108	516	13900	108	SF	2" PREFORMED EXPANSION JOINT FILLER	
							100	100	516	14020	100	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	
							8	8	516	44100	8	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (2"x25"x12" WITH 2"x27"x14" LOAD PLATE AND W24x62 SHAPE)	
							159.83	159.83	517	70000	159.83	FT	RAILING (TWIN STEEL TUBE)	
							56	56	518	21200	56	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
							141	141	SPECIAL	51822300	141	FT	STEEL DRIP STRIP	
							120	120	518	40000	120	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
							26	26	518	40010	26	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
							200	200	526	25010	200	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15")	
							74	74	526	90011	74	FT	TYPE A INSTALLATION, AS PER PLAN	35
							231	231	601	32100	231	CY	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	
							2	2	611	99710	2	EACH	PRECAST REINFORCED CONCRETE OUTLET	
													MAINTENANCE OF TRAFFIC	
		16					16	614	11110	16	16	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	6
			780				780	614	11630	780	780	FT	INCREASED BARRIER DELINEATION	6
			5				5	614	12384	5	5	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL)	6
			21				21	614	13310	21	21	EACH	BARRIER REFLECTOR, TYPE 1 (BI-DIRECTIONAL)	
			17				17	614	13314	17	17	EACH	BARRIER REFLECTOR, TYPE 3 (BI-DIRECTIONAL)	
			46				46	614	13360	46	46	EACH	OBJECT MARKER, TWO WAY	
			0.45				0.45	614	22010	0.45	0.45	MILE	WORK ZONE EDGE LINE, CLASS I, 6"	
			0.04				0.04	614	22210	0.04	0.04	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I	
			42				42	614	26400	42	42	FT	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I	
			LS				LS	615	10000	LS			ROADS FOR MAINTAINING TRAFFIC	
			224				224	615	25000	224	224	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B	
	1						1	616	10000	1	1	MGAL	WATER	
			430				430	622	41100	430	430	FT	PORTABLE BARRIER, UNANCHORED	
			350				350	622	41110	350	350	FT	PORTABLE BARRIER, ANCHORED	
													INCIDENTALS	
							LS	614	11000	LS			MAINTAINING TRAFFIC	
							5	619	16000	5	5	MNTH	FIELD OFFICE, TYPE A	
							LS	623	10000	LS			CONSTRUCTION LAYOUT STAKES AND SURVEYING	
							LS	624	10000	LS			MOBILIZATION	

GENERAL SUMMARY

LAW - 243 - 12.76

CALCULATED
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CALC: MCM DATE: 11/9/2020
 CHECKED: DATE:

ESTIMATED QUANTITIES (01/STR/BR)								
ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	SUPER.	GEN.	SEE SHEET
202	11003	LS		STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				3/24
202	23500	270	SY	WEARING COURSE REMOVED		270		
503	11101	LS		COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN				3/24
503	21301	LS		UNCLASSIFIED EXCAVATION, AS PER PLAN				3/24
505	11100	LS		PILE DRIVING EQUIPMENT MOBILIZATION				
507	00100	1800	FT	STEEL PILES HPI0X42, FURNISHED	1800			
507	00150	1600	FT	STEEL PILES HPI0X42, DRIVEN	1600			
507	93300	40	EACH	STEEL POINTS OR SHOES	40			
509	10000	42814	LB	EPOXY COATED REINFORCING STEEL	14932	27882		
511	34446	147	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK		147		
511	33500	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	2			
511	43512	163	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	163			
512	10100	253	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	75	178		
512	33000	85	SY	TYPE 2 WATERPROOFING	85			
515	15070	4	EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF36-49 (76'-8 1/2" LONG)		4		
515	20000	3	EACH	INTERMEDIATE DIAPHRAGMS		3		
516	13600	3	SF	1" PREFORMED EXPANSION JOINT FILLER			3	
516	13900	108	SF	2" PREFORMED EXPANSION JOINT FILLER	108			
516	14020	100	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	100			
516	44100	8	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (2"x25"x12" WITH 2"x27"x14" LOAD PLATE AND W24x62 SHAPE)		8		
517	70000	159.83	FT	RAILING (TWIN STEEL TUBE)		159.83		
518	21200	56	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC			56	
SPECIAL	51822300	141	FT	STEEL DRIP STRIP		141		
518	40000	120	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	120			
518	40010	26	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	26			
526	25010	200	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15")			200	
526	90011	74	FT	TYPE A INSTALLATION, AS PER PLAN			74	3/24
601	32100	231	CY	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER			231	
611	99710	2	EACH	PRECAST REINFORCED CONCRETE OUTLET	2			

NOTE: QUANTITIES CARRIED TO GENERAL SUMMARY SHEET 14.

DESIGNED MCM CHECKED XXX	DRAWN MCM REVISED XXX	REVIEWED XXX STRUCTURE FILE NUMBER 4403607	DATE MM/DD/YY 3/24	DESIGN AGENCY OHIO DEPT. OF TRANSPORTATION DISTRICT 9 ENGINEERING
ESTIMATED QUANTITIES BRIDGE NO. LAW-243-1279 OVER MCKINNEY CREEK				
LAW-243-12.76 PID No. 91549				
4 / 24				
36 56				