

FUNDING		ESTIMATED QUANTITIES							CALC. BY: VS	DATE: 5/15/23	
01/NHS/10	ITEM	ITEM EXTENSION	TOTAL	UNIT	DESCRIPTION	REAR ABUTMENT	FORWARD ABUTMENT	PIERS	SUPER-STRUCTURE	GENERAL	REF. SHEET NUMBER
LS	202	11203	LS		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN					LS	3
161	202	22900	161	SY	APPROACH SLAB REMOVED					161	
LS	503	11101	LS		COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN					LS	3,11
170	503	21100	170	CY	UNCLASSIFIED EXCAVATION	93	77				
111,385	509	10001	111,385	LB	EPOXY COATED STEEL REINFORCEMENT, AS PER PLAN	6,358	4,564	2,663	97,800		12,14,30,31
289	509	20001	289	LB	CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN	152	137				3
4,225	509	30020	4,225	FT	NO. 4 DEFORMED GFRP REINFORCEMENT				3,771	454	
472	510	10000	472	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	157	141	174			
344	511	34446	344	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK				344		28
45	511	34450	45	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)				37	8	
39	511	43210	39	CY	CLASS QC1 CONCRETE, PIER			39			
104	511	45710	104	CY	CLASS QC1 CONCRETE, ABUTMENT	64	40				
6	511	46510	6	CY	CLASS QC1 CONCRETE, FOOTING	3	3				
270	511	81300	270	EACH	CONCRETE, MISC.: EMBEDDED GALVANIC ANODE (EGA)	142	128				3
198	512	10050	198	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)				182	16	
876	512	10100	876	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	80	51	153	540	52	
62	512	10601	62	FT	CONCRETE REPAIR BY EPOXY INJECTION, AS PER PLAN			37		25	3
8	512	33000	8	SY	TYPE 2 WATERPROOFING	4	4				
219	SPECIAL	51271500	219	SY	URETHANE TOP COAT SEALER			219			3
250,800	513	10240	250,800	LB	STRUCTURAL STEEL MEMBERS, LEVEL 2				250,800		22
4,320	513	20000	4,320	EACH	WELDED STUD SHEAR CONNECTORS				4,320		
11,900	514	00060	11,900	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT				11,900		
11,900	514	00066	11,900	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT				11,900		3
13	514	10000	13	EACH	FINAL INSPECTION REPAIR				13		
22	516	13600	22	SF	1" PREFORMED EXPANSION JOINT FILLER				22		
52	516	13900	52	SF	2" PREFORMED EXPANSION JOINT FILLER				52		
119	516	14020	119	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL				119		
15	516	44201	15	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (LOAD PLATE 15"x16"x2.25" MIN., NEOPRENE 14"x15"x3.128")				15		20
10	516	44201	10	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (LOAD PLATE 12"x14"x1.75" MIN., NEOPRENE 11"x12"x3.607")				10		20
245	517	75122	245	FT	RAILING (CONCRETE PARAPET WITH TWIN STEEL TUBE RAILING AND VANDAL PROTECTION FENCE)				245		
134	518	21200	134	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	74	60				
98	518	40000	98	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	51	47				
81	518	40010	81	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	44	37				
1,970	SPECIAL	51900100	1,970	SF	COMPOSITE FIBER WRAP SYSTEM			1,970			3
200	526	25011	200	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN					200	4,35
82	526	90030	82	FT	TYPE C INSTALLATION					82	
146	601	20010	146	CY	CRUSHED AGGREGATE SLOPE PROTECTION	91	55				
487	607	39900	487	FT	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC				487		
487	607	39992	487	FT	TEMPORARY VANDAL FENCE, TYPE A				487		
1	625	33001	1	EACH	STRUCTURE GROUNDING SYSTEM, AS PER PLAN					1	4
LS	SPECIAL	69098400	LS		MISC.: WORK INVOLVING ASBESTOS CONTAINING MATERIALS					LS	4
36	844	10001	36	SF	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN			36			4,17-19

ESTIMATED QUANTITIES  
 BRIDGE NO. COL-00325-00.243  
 WEST 9TH STREET OVER US 30

SFN	1502344
DESIGNER	JAM
CHECKER	JDA
REVIEWER	MJL
PROJECT ID	101098
SUBSET	5
TOTAL	39
SHEET	P.46
TOTAL	85

