

CUY-176-13.34


MODEL: ESTIMATED QUANTITIES PAPER SIZE: 34x22 (in.) DATE: 8/23/2024 TIME: 11:45:55 AM USER: vincent-d  
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ESTIMATED QUANTITIES

CALCULATED: AJL  
 DATE: 7/15/24  
 CHECKED: RJB  
 DATE: 7/15/24

ITEM	ITEM EXT.	TOTAL PLAN SPLIT	UNIT	DESCRIPTION	ABUT.	CALCULATED: AJL		CHECKED: RJB	
						PIERS	SUPER.	GENERAL	SHEET
202	11203	LS		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN					8 / 59
202	22900	115	SY	APPROACH SLAB REMOVED				115	
202	23500	115	SY	WEARING COURSE REMOVED				115	
503	11100	LS		COFFERDAMS AND EXCAVATION BRACING					
<del>503</del>	<del>21100</del>	<del>115</del>	<del>SY</del>	<del>UNCLASSIFIED EXCAVATION</del>	<del>52</del>	<del>51</del>			
503	21301	LS		UNCLASSIFIED EXCAVATION, AS PER PLAN					9 / 59
509	10000	248,138	LB	EPOXY COATED REINFORCING STEEL			248,138		
509	25000	15,358	LB	UNCOATED REINFORCING STEEL	4,492	10,866			
509	30020	26,083	FT	NO. 4 DEFORMED GFRP REINFORCEMENT			26,083		
510	10001	512	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN	117	395			9 / 59
511	34446	719	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK			719		
511	34450	261	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)			261		
511	40512	136	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS		136			
511	42513	41	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER CAP, AS PER PLAN		41			26-30 / 59
511	45712	28	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT	28				
512	10100	2,392	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	53	335	2,004		
512	10600	9	FT	CONCRETE REPAIR BY EPOXY INJECTION		9			
512	33000	20	SY	TYPE 2 WATERPROOFING	20				
SPECIAL	51271500	576	SY	URETHANE TOP COAT SEALER		576			9 / 59
512	74000	4	SY	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES	4				
513	10201	321	LB	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN			321		9 / 59
513	20000	12,390	EACH	WELDED STUD SHEAR CONNECTORS			12,390		
513	90000	538	LB	STRUCTURAL STEEL, MISC.: LATERAL RESTRAINT BLOCKS			538		34-35 / 59
513	95030	8	EACH	STRUCTURAL STEEL, MISC.: CABLE RESTRAINERS			8		34-35 / 59
514	00050	2,032	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL			2,032		
514	00056	2,032	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT			2,032		
514	00060	2,373	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT			2,373		
514	00066	2,373	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT			2,373		9 / 59
516	11210	43	FT	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL				43	
516	11211	60	FT	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN				60	53-54 / 59
516	13900	38	SF	2" PREFORMED EXPANSION JOINT FILLER	38				
516	44301	5	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (15" x 15" x 4.69" WITH 17" x 16" x 1.5" BEVELED LOAD PLATE AND 24" x 16" x 1.5" MASONRY PLATE)	5				39 / 59
516	44401	33	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (16" x 18" x 5.05" WITH 17" x VARYING WIDTH x 1.5" BEVELED LOAD PLATE)		33			37-38 / 59
516	47001	LS		JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN					9 / 59
518	12200	6	EACH	SCUPPERS, INCLUDING SUPPORTS			6		
518	21200	36	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	36				
518	40000	81	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	81				
518	40010	60	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	60				
518	51300	3	EACH	DOWNSPOUT MODIFICATION, 10"				3	36 / 59
518	62200	3	EACH	STRUCTURE DRAINAGE, MISC.: PLUGGING EXISTING WEEPHOLES	3				17 / 59
518	62200	3	EACH	STRUCTURE DRAINAGE, MISC.: REMOVE AND REMOUNT EXISTING DOWNSPOUTS				3	36 / 59
518	63300	LS		STRUCTURE DRAINAGE, MISC.: CLEANING EXISTING DOWNSPOUTS					9 / 59
SPECIAL	51900100	5,258	SF	COMPOSITE FIBER WRAP SYSTEM (SEISMIC RETROFITS)		5,258			10 / 59
SPECIAL	51900100	843	SF	COMPOSITE FIBER WRAP SYSTEM (PIER REPAIRS)		843			10 / 59
526	25011	124	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN				124	56 / 59
601	21050	27	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT				27	
844	10000	1,299	SF	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION		1,299			10 / 59
844	10001	50	SF	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN A			50		10 / 59
844	10001	10	SF	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN B			10		10 / 59
844	10001	150	SF	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN C			150		10 / 59
844	10001	15	SF	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN D			15		10 / 59

ESTIMATED QUANTITIES  
 BRIDGE NO. CUY-00176-13.340  
 RAMP J-14 FROM NORTHBOUND S.R. 176

SFN  
**1805436**  
 DESIGN AGENCY  
  
 3745 MEDINA RD.  
 SUITE A  
 MEDINA, OH 44256  
 330-952-1464  
 DESIGNER: AJL  
 CHECKER: RJB  
 REVIEWER: MLJ 11/21/23  
 PROJECT ID: 115750  
 SUBSET: 11 TOTAL: 59  
 SHEET: P.62 TOTAL: 110