

ITEM 514 - SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL, AS PER PLAN

ITEM 514 - FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT, AS PER PLAN

THESE ITEMS SHALL CONSIST OF SURFACE PREPARATION AND PAINTING OF STRUCTURAL STEEL BEAM ENDS PRIOR TO BEING ENCASED IN DIAPHRAGM CONCRETE. THIS WORK SHALL START AT THE BEAM END AND EXTEND ONE FOOT OUTSIDE DIAPHRAGM CONCRETE.

ADDITIONALLY, STEEL FOR REQUIRED FOR THE ELASTOMERIC BEARINGS TO INCLUDE LOAD PLATES AND H-SECTION STEEL SHALL BE PRIME COATED. THE CONTRACTOR MAY SHOP APPLY THE PRIME COATING AND TOUCH UP IN THE FIELD.

ALL PROVISIONS OF ITEM 514 SHALL APPLY.

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ESTIMATED QUANTITIES (FRA-270-4584 SFN: 2514192)										
ITEM	EXTENSION	TOTAL 01/MS/BR	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER.	GEN.	SHEET #	
202	11201		LS	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN					2/22	
202	22900	200	SY	APPROACH SLAB REMOVED				200		
202	23500	200	SY	WEARING COURSE REMOVED				200		
503	11100		LS	COFFERDAMS AND EXCAVATION BRACING						
503	21300		LS	UNCLASSIFIED EXCAVATION						
509	10000	125,624	LB	EPOXY COATED REINFORCING STEEL	3,520		122,104			
509	30020	11,130	FT	NO. 4 GFRP DEFORMED BARS			11,130			
510	10000	160	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	160					
511	33501	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN	2					
511	34412	375	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE			375			
511	34448	109	CY	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET)			109			
511	45710	40	CY	CLASS QC1 CONCRETE, ABUTMENT	40					
512	10050	793	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	50		743			
513	20000	5,590	EACH	WELDED STUD SHEAR CONNECTORS			5,590			
513	95030	30	EACH	STRUCTURAL STEEL, MISC.: 2" DIA. FIELD DRILLED HOLES			30		2/22	
514	00051	241	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL, AS PER PLAN			241		28.3/22	
514	00057	464	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT, AS PER PLAN			464		3/22	
516	10010	71	FT	ARMORLESS PREFORMED JOINT SEAL				71		
516	13900	135	SF	2" PREFORMED EXPANSION JOINT FILLER				128		
516	44300	10	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (12.75"x12.75"x4.0868")				10		
516	44300	15	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (15"x15"x4.0868")				15		
516	44400	5	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (15.25"x15.25"x5.046")				5		
516	47001		LS	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN					2/22	
518	21200	40	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	40					
518	40000	128	FT	6" PERFORATED CORRUGATED PLASTIC PIPE				128		
518	40010	32	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS				32		
519	11100	14	SF	PATCHING OF CONCRETE STRUCTURE	14					
526	25000	209	SY	REINFORCED CONCRETE APPROACH SLABS (T=15")				209		
526	90030	75	FT	TYPE C INSTALLATION				75		
607	39900	610	FT	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC			610			
611	99710	4	EACH	PRECAST REINFORCED CONCRETE OUTLET				4		

DESIGNED BLF CHECKED DRP	DRAWN BLF REVISED	REVIEWED JPH STRUCTURE FILE NUMBER 2514192	DATE 1/31/22	DESIGN AGENCY OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 6
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