

ESTIMATED QUANTITIES					CALCULATED: MJS DATE: 11/21/2018	CHECKED: JPR DATE: 11/21/18
ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	SHEET	PARTICIPATION
						01/NHS/BR
202	11203	LS		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	2/12	LS
511	34448	1	CY	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET)		1
512	10100	171	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)		171
512	74000	169	SY	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES		169
513	95000	267	FT	STRUCTURAL STEEL, MISC.: GIRDER FLASHING	3/12	267
513	95030	146	EACH	STRUCTURAL STEEL, MISC.: REPLACEMENT OF DETERIORATED RIVETS	2/12	146
513	95030	8	EACH	STRUCTURAL STEEL, MISC.: LATERAL BRACING AND GUSSET PLATE REPLACEMENT	2/12	8
513	95030	72	EACH	STRUCTURAL STEEL, MISC.: WELD REMOVAL	2/12	72
514	00050	10,414	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL		10,414
514	00056	10,414	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT		10,414
514	00060	10,819	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT		10,819
514	00504	18	MNHR	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL		18
514	10000	8	EACH	FINAL INSPECTION REPAIR		8
516	12301	51	FT	STRIP SEAL EXPANSION JOINT ANCHORED WITH ELASTOMERIC CONCRETE, AS PER PLAN	7/12	51
518	63300	LS		STRUCTURE DRAINAGE, MISC.: CLEANING BRIDGE DRAINAGE SYSTEM	2/12	LS
SPECIAL	51900100	788	SF	COMPOSITE FIBER WRAP SYSTEM	3/12	788
625	98000	1	EACH	LIGHTING, MISC.: REMOVAL AND RE-ERECTION OF UNDERPASS LIGHT	2/12	1
844	10001	27	SF	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN	3/12	27
848	10001	290	SY	MICRO SILICA MODIFIED CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN, 1 1/4"	2/12	290
848	20000	290	SY	SURFACE PREPARATION USING HYDRODEMOLITION		290
848	30000	8	CY	MICRO SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY		8
848	50000	3	SY	HAND CHIPPING		3
848	50100	LS		TEST SLAB		LS
848	50200	4	CY	FULL-DEPTH REPAIR		4
				BRIDGE ALTERNATIVES		
514	00067	10,819	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT, AS PER PLAN(ALTERNATE 1)	2/12	10,819
514	00067	10,819	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT, AS PER PLAN(ALTERNATE 2)	2/12	10,819

△	12/10/20	QUANTITY ADJUSTMENT
REV.	DATE	DESCRIPTION
DATE COMPLETED		

**ESTIMATED QUANTITIES**  
BRIDGE NO. HAM-50-2238  
MARTIN DRIVE OVER US 50 (COLUMBIA PARKWAY)

DESIGN AGENCY: PALMER ENGINEERING  
ENGINEERING CINCINNATI, OH 45249  
CINCINNATI \* KROON \* HILL \* SEASIDE \* ORLANDO

REVIEWED: M/LJ DATE: 9/7/2018  
STRUCTURE FILE NUMBER: 3103609

DRAWN: MJS REVISION: 1  
DESIGNED: B/JF CHECKED: JPR

HAM-50-22-30/22-38  
PID No. 96696

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