

C:\Project\lak\13486\bridge\LAK002_0400C\sheet\002_0400CE0001.dgn 8/4/2008 1:26:09 PM chaneman

PARTICIPATION		ESTIMATED QUANTITIES					CALC. BY: BMG DATE: 6/08 CHK'D BY: RGN DATE: 6/08				AS PER PLAN
I REHAB	II TRAC	ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	LAK-2-0400 L (WESTBOUND)				STRUCTURE SHEET NO.
							SUPER	ABUT'S	PIER'S	GENERAL	
LUMP		202	11203		LUMP SUM	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN					3/67
200		202	22900	200	SQ. YD.	APPROACH SLAB REMOVED	200				
LUMP	LUMP	503	11100		LUMP SUM	COFFERDAMS, CRIBS AND SHEETING					
	3385	503	21101	3,385	CU. YD.	UNCLASSIFIED EXCAVATION, AS PER PLAN		3,280	105		4/67
	LUMP	505	11100		LUMP SUM	PILE DRIVING EQUIPMENT MOBILIZATION					
	3570	507	00200	3,570	FEET	STEEL PILES HP12x53, FURNISHED		2,370	1,200		
	3195	507	00251	3,195	FEET	STEEL PILES HP12x53, DRIVEN, AS PER PLAN		2,145	1,050		3/67
87478	162460	509	10001	249,938	LBS.	EPOXY COATED REINFORCING STEEL, AS PER PLAN	212,295	18,157	19,486		3/67
250		509	20001	250	LBS.	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN				250	3/67
532		510	10000	532	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT		330	202		
225	418	511	50001	643	CU. YD.	CLASS HP CONCRETE, BRIDGE DECK, AS PER PLAN	643				5/67
43	80	511	50101	123	CU. YD.	CLASS HP CONCRETE, BRIDGE DECK (PARAPET), AS PER PLAN	123				5/67
	369	511	50201	369	CU. YD.	CLASS HP CONCRETE, SUBSTRUCTURE, AS PER PLAN		238	131		5/67
68	127	511	51001	195	CU. YD.	CLASS HP CONCRETE, SUPERSTRUCTURE, AS PER PLAN	195				5/67
LUMP	LUMP	511	52000		LUMP SUM	CLASS HP CONCRETE TEST SLAB					
7	12	512	33000	19	SQ. YD.	TYPE 2 WATERPROOFING	19				
478	889	512	10101	1,367	SQ. YD.	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN	786	74	507		3/67
	251315	513	10281	251,315	LBS.	STRUCTURAL STEEL MEMBERS, LEVEL 4, AS PER PLAN	251,315				3/67
2157	4007	513	20000	6,164	EACH	WELDED STUD SHEAR CONNECTOR	6,164				
330		514	00050	330	SQ. FT.	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL	330				
330		514	00056	330	SQ. FT.	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT	330				
	17400	514	00060	17,400	SQ. FT.	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT	17,400				
	17400	514	00066	17,400	SQ. FT.	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT	17,400				
2		514	00504	2	MAN HOUR	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL	2				
5	10	514	10000	15	EACH	FINAL INSPECTION REPAIR	15				
98	183	516	14021	281	FEET	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL, AS PER PLAN		281			4/67
8	14	516	44101	22	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES (10 1/2"x14 1/2"x2.66") AND LOAD PLATE (11 1/2"x15 1/2"x1 1/2") (NEOPRENE), AS PER PLAN		22			34/67 & 35/67
8	14	516	44201	22	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES (13 1/2"x20 1/2"x3.40") AND LOAD PLATE (18"x21 1/2"xVARIES") (NEOPRENE), AS PER PLAN			22		34/67 & 35/67
LUMP	LUMP	516	47001		LUMP SUM	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN					4/67
63	118	518	21200	181	CU. YD.	POROUS BACKFILL WITH FILTER FABRIC		181			
190	353	518	40000	543	FEET	6" PERFORATED CORRUGATED PLASTIC PIPE		543			
30	57	518	40011	87	FEET	6" NON-PERFORATED CORRUGATED PLASTIC PIPE INCLUDING SPECIALS, AS PER PLAN		87			5/67
7	13	519	11101	20	SQ. FT.	PATCHING CONCRETE STRUCTURE, AS PER PLAN			20		3/67
1	1	523	20000	2	EACH	DYNAMIC LOAD TESTING		1	1		
222	413	526	30001	635	SQ. YD.	REINFORCED CONCRETE APPROACH SLABS (T=17"), AS PER PLAN	635				5/67
133	247	601	21001	380	SQ. YD.	CONCRETE SLOPE PROTECTION, AS PER PLAN			380		5/67
219	407	840	22000	626	SQ. YD.	FOUNDATION PREPARATION		626			
596	1108	840	23000	1,704	CU. YD.	SELECT GRANULAR BACKFILL		1,704			
9	17	840	23050	26	CU. YD.	NATURAL SOIL		26			
1	3	840	27000	4	DAYS	ON-SITE ASSISTANCE		4			
LUMP	LUMP	840	28000		LUMP SUM	SGB INSPECTION AND COMPACTION TESTING					

NOTE: ALL QUANTITIES ASSOCIATED WITH THE PROPOSED MEDIAN PIER ONLY HAVE BEEN SPLIT EQUALLY BETWEEN THE LEFT AND RIGHT BRIDGE.

DESIGN AGENCY
PARSONS BRINCKERHOFF
QUADE & DOUGLAS, INC.
 614 W. SUPERIOR AVE., SUITE 400
 CLEVELAND, OHIO 44113

DATE: 7/7/08
 REVISION: RJO
 DRAWN: NAL
 DESIGNED: BMG
 CHECKED: PWP

ESTIMATED QUANTITIES (LEFT STRUCTURE)
 BRIDGE NO. LAK-2-0400 L&R
 STATE ROUTE 2 OVER VINE STREET

LAK-2-3.32
PID No. 13486

6/67
 1332
 1679