

C:\Project\LAK\13486\bridge\LAK002\_0400C\sheets\002\_0400CEQ002.dgn 7/7/2008 10:26:43 AM jmadaria

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 R (EASTBOUND)			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					
		3305	503	21101	3,305	CU. YD.	UNCLASSIFIED EXCAVATION, AS PER PLAN	3,200	105		4/67
		LUMP	505	11100		LUMP SUM	PILE DRIVING EQUIPMENT MOBILIZATION				
		3245	507	00200	3,245	FEET	STEEL PILES HP12x53, FURNISHED	2,045	1,200		
		2900	507	00251	2,900	FEET	STEEL PILES HP12x53, DRIVEN, AS PER PLAN	1,850	1,050		3/67
86727	161064	509	10001	247,791	LBS.	EPOXY COATED REINFORCING STEEL, AS PER PLAN	212,192	15,634	19,965		3/67
250		509	20001	250	LBS.	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN			250		3/67
536		510	10000	536	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT		330	206		
226	420	511	50001	646	CU. YD.	CLASS HP CONCRETE, BRIDGE DECK, AS PER PLAN	646				5/67
43	80	511	50101	123	CU. YD.	CLASS HP CONCRETE, BRIDGE DECK (PARAPET), AS PER PLAN	123				5/67
		366	511	50201	366	CU. YD.	CLASS HP CONCRETE, SUBSTRUCTURE, AS PER PLAN		234	132	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	13	512	33000	20	SQ. YD.	TYPE 2 WATERPROOFING	20				
484	899	512	10101	1,383	SQ. YD.	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN	784	84	515		3/67
		251592	513	10281	251,592	LBS.	STRUCTURAL STEEL MEMBERS, LEVEL 4, AS PER PLAN	251,592			3/67
2157	4007	513	20000	6,164	EACH	WELDED STUD SHEAR CONNECTOR	6,164				
33		513	95000	33	FEET	STRUCTURAL STEEL, MISC: GIRDER REPAIR, AS PER PLAN	33				3/67 & 45/67
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 FINIS, 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
65	121	518	21200	186	CU. YD.	POROUS BACKFILL WITH FILTER FABRIC		186			
187	347	518	40000	534	FEET	6" PERFORATED CORRUGATED PLASTIC PIPE		534			
32	60	518	40011	92	FEET	6" NON-PERFORATED CORRUGATED PLASTIC PIPE INCLUDING SPECIALS, AS PER PLAN		92			5/67
3	5	519	11101	8	SQ. FT.	PATCHING CONCRETE STRUCTURE, AS PER PLAN			8		3/67
1	1	523	20000	2	EACH	DYNAMIC LOAD TESTING		1	1		
220	410	526	30001	630	SQ. YD.	REINFORCED CONCRETE APPROACH SLABS (T=17"), AS PER PLAN	630				5/67
129	240	601	21001	369	SQ. YD.	CONCRETE SLOPE PROTECTION, AS PER PLAN			369		5/67
218	404	840	22000	622	SQ. YD.	FOUNDATION PREPARATION		622			
593	1101	840	23000	1,694	CU. YD.	SELECT GRANULAR BACKFILL		1,694			
8	16	840	23050	24	CU. YD.	NATURAL SOIL		24			
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.

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

**LAK-2-3.32**  
PID No. 13486

7/67

1332A  
1679

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

DATE  
7/7/08

REVIEWED  
RJO

DRAWN  
NAL

DESIGNED  
BMG

CHECKED  
PWP

STRUCTURE FILE NUMBER  
4300572(L) 4300602(R)