

ESTIMATED QUANTITIES

CALC. BY: LYH	OHIO	46 92
DATE: 1-94	FHWA	
CHK'D BY: JRS	REGION 5	
DATE: 2-94		

LAKE COUNTY
LAK-90-17.42/25.15/27.76

ITEM	ITEM EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUTMENT	PIERS	SUPER-STRUCTURE	GENERAL
202	11203	LUMP		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (SEE SHEET [1/52])				LUMP
503	11100	LUMP		COFFERDAMS, CRIBS AND SHEETING				LUMP
503	21101	55	CU. YD.	UNCLASSIFIED EXCAVATION, AS PER PLAN (SEE SHEET [2/52])	55			
512	44400	40	SQ. YD.	TYPE B WATERPROOFING	40			
SPECIAL	51267510	1,771	SQ. YD.	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) *	198	450	1123	
516	11210	106	LIN. FT.	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL *			106	
SPECIAL	51614010	68	LIN. FT.	POURED POLYURETHANE JOINT SEAL (SEE SHEET [3/52])	68			
516	14600	68	LIN. FT.	STRUCTURAL JOINT OR JOINT SEALER, MISC.: 4"x4" JOINT SEAL (BITUMEN IMPREGNATED FOAM) (SEE SHEET [3/52])	68			
516	45305	10	EACH	REFURBISH BEARING DEVICE, AS PER PLAN (SEE SHEET [3/52])	10			
516	47001	LUMP		JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN* (SHEET [3A/52])				LUMP
518	21200	71	CU. YD.	POROUS BACKFILL WITH FILTER FABRIC	71			
518	40001	91	LIN. FT.	6" PERFORATED CORRUGATED PLASTIC PIPE, AS PER PLAN (SEE SHEET [3/52])	91			
518	40011	76	LIN. FT.	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN (SEE SHEET [3/52])	76			
519	11101	36	SQ. FT.	PATCHING CONCRETE STRUCTURE, AS PER PLAN** (SEE SHEET [3/52])	36			
SPECIAL	60739900	768	LIN. FT.	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC (SEE SHEET [3/52])			768	
815	00100	LUMP		SURFACE PREPARATION OF EXISTING STEEL, SYSTEM OZEU (SEE SHEET [2/52])				LUMP
815	00200	LUMP		FIELD PAINTING OF EXISTING STEEL, PRIME COAT, SYSTEM OZEU (SHEET [2/52])				LUMP
815	00300	LUMP		FIELD PAINTING OF EXISTING STEEL, INTERMEDIATE COAT, SYSTEM OZEU (SHEET [2/52])				LUMP
815	00400	LUMP		FIELD PAINTING OF EXISTING STEEL, FINISH COAT, SYSTEM OZEU (SHEET [2/52])				LUMP
816	00610	2000	POUND	FIELD PAINTING OF NEW STEEL, INTERMEDIATE AND FINISH COAT, SYSTEM IZEU ([2/52])			2000	
842	81300	253	EACH	CONCRETE MISC.: DOWEL HOLES (SEE SHEET [2/52])	253			
843	50000	5	SQ. FT.	PATCHING CONCRETE STRUCTURE WITH TROWELABLE MORTAR** (SEE SHEET [3/52])	5			
844	48001	500	CU. YD.	HIGH PERFORMANCE CONCRETE, SUPERSTRUCTURE (DECK), AS PER PLAN (SHEET [2/52])			500	
844	48021	109	CU. YD.	HIGH PERFORMANCE CONCRETE, SUPERSTRUCTURE (PARAPET), AS PER PLAN (SHEET [2/52])			109	
844	48041	82	CU. YD.	HIGH PERFORMANCE CONCRETE, SUBSTRUCTURE, AS PER PLAN (SEE SHEET [2/52])	82			
844	49000	LUMP		HIGH PERFORMANCE CONCRETE, TRIAL MIX				LUMP
844	49010	LUMP		HIGH PERFORMANCE CONCRETE, TESTING				LUMP
863	10201	2000	POUND	STRUCTURAL STEEL MEMBERS, MISCELLANEOUS LEVEL FABRICATION, AS PER PLAN (SEE SHEET [2/52])			2000	
863	20000	3120	EACH	WELDED STUD SHEAR CONNECTOR			3120	

*SEE PROPOSAL NOTES

**A PORTION OF THIS ITEM IS SUBJECT TO NON-PERFORMANCE WITHOUT PENALTY TO THE STATE OF OHIO.

THE OSBORN ENGINEERING COMPANY | 6/52
CONSULTING ENGINEERS
CLEVELAND, OHIO 44114

ESTIMATED QUANTITIES

BRIDGE NO. LAK-90-1742
S.R. 86 OVER I-90

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
LYH	LBEL		JRS	GA	2/94	0001 6/17/94 5/24/99

S.R. 86