

MADE BY: LAH		DATE: 6/1/2023		ESTIMATED QUANTITIES						STRUCTURAL FILE NUMBER: 4305191	
CHECKED BY: MJM		DATE: 6/5/2023									
ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	SUPER	PIER	GEN.	REFERENCE SHEET NO.		
202	11203	LS		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				1	STRUCTURE - GENERAL NOTES - 1 OF 3		
202	22900	387	SY	APPROACH SLAB REMOVED				387			
202	23500	1,246	SY	WEARING COURSE REMOVED		1,246					
503	11101	LS		COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN				1	STRUCTURE - GENERAL NOTES - 1 OF 3		
503	21101	35	CY	UNCLASSIFIED EXCAVATION, AS PER PLAN	35				STRUCTURE - GENERAL NOTES - 1 OF 3		
509	10000	131,215	LB	EPOXY COATED STEEL REINFORCEMENT	17,204	107,311	6,700				
509	20001	100	LB	CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN	100				STRUCTURE - GENERAL NOTES - 1 OF 3		
509	26000	404	LB	GALVANIZED STEEL REINFORCEMENT	404						
509	30020	5,656	FT	NO. 4 DEFORMED GFRP REINFORCEMENT			5,656				
510	10001	596	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN	176		420		STRUCTURE - GENERAL NOTES - 1 OF 3		
511	33500	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE		2					
511	34447	496	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN		496			STRUCTURE - GENERAL NOTES - 2 OF 3		
511	34451	58	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN		58			STRUCTURE - GENERAL NOTES - 2 OF 3		
511	42511	17	CY	CLASS QC1 CONCRETE, PIER CAP, AS PER PLAN			17		STRUCTURE - GENERAL NOTES - 2 OF 3		
511	44113	32	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN	32				STRUCTURE - GENERAL NOTES - 2 OF 3		
511	81200	LUMP		CONCRETE, MISC.: TEMPORARY SUPPORTS FOR PIER CAP CONSTRUCTION AND COLUMN PATCHING					STRUCTURE - GENERAL NOTES - 2 OF 3		
512	10100	1,212	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)		703	509		STRUCTURE - GENERAL NOTES - 2 OF 3		
512	33000	7	SY	TYPE 2 WATERPROOFING	7						
513	10201	1,364	LB	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN		1,364			STRUCTURE - GENERAL NOTES - 2 OF 3		
513	20000	6,024	EACH	WELDED STUD SHEAR CONNECTORS		6,024					
513	90000	11,620	LB	STRUCTURAL STEEL, MISC.: BOLTED COVER PLATE RETROFITS		11,620			STRUCTURE - GENERAL NOTES - 2 OF 3		
513	95030	15	EACH	STRUCTURAL STEEL, MISC.: REPLACEMENT OF CROSSFRAMES		15			STRUCTURE - GENERAL NOTES - 2 OF 3		
514	00060	527	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT		527			STRUCTURE - GENERAL NOTES - 2 OF 3		
514	00066	527	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT		527			STRUCTURE - GENERAL NOTES - 2 OF 3		
514	27700	206	SF	FIELD PAINTING, MISC.: COATING OF BEAMS ENDS		206			STRUCTURE - GENERAL NOTES - 2 OF 3		
516	10010	218	FT	ARMORLESS PREFORMED JOINT SEAL				218			
516	13900	142	SF	2" PREFORMED EXPANSION JOINT FILLER	142						
516	25000	332	SF	NYLON REINFORCED NEOPRENE SHEETING				332			
516	43200	24	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (12"x14"x2.3488")		24					
516	43200	24	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (14"x16"x2.3488")		24					
516	47001	LUMP		JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN					STRUCTURE - GENERAL NOTES - 2 OF 3		
518	21200	93	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	93						
518	40000	241	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	241						
518	40010	80	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	80						
SPECIAL	51900100	2,090	SF	COMPOSITE FIBER WRAP SYSTEM			2,090		STRUCTURE - GENERAL NOTES - 2 & 3		
519	11101	104	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	72		32		STRUCTURE - GENERAL NOTES - 3 OF 3		
526	25001	504	SY	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN				504	STRUCTURE - GENERAL NOTES - 3 OF 3		
526	90030	214	FT	TYPE C INSTALLATION				214			
601	21150	7	CY	SLOPE PROTECTION, MISC. GROUTING OF CRUSHED AGGREGATE SLOPE PROTECTION				7	STRUCTURE - GENERAL NOTES - 3 OF 3		
623	10001	LUMP		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN					STRUCTURE - GENERAL NOTES - 3 OF 3		
625	33001	1	EACH	STRUCTURE GROUNDING SYSTEM, AS PER PLAN		1			STRUCTURE - GENERAL NOTES - 3 OF 3		
844	10001	778	SF	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN			778		STRUCTURE - GENERAL NOTES - 3 OF 3		

ESTIMATED QUANTITIES
 BRIDGE NO. LAK-91-0449
 SR 91 OVER LAKE LAND BOULEVARD

SFN
4305191

DESIGN AGENCY



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DESIGNER: MJM | CHECKER: AEF

REVIEWER: RER 5/16/24

PROJECT ID: 105187

SUBSET	TOTAL
6	39

SHEET	TOTAL
124	157