

ESTIMATED QUANTITIES

| | | |
|---|--------------------------|----------|
| CALC. LYH BY: DATE: 2-93 CHK'D: JRS BY: DATE: 2-93 | OHIO FHWA REGION 5 | 63 92 |
|---|--------------------------|----------|

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 | 106 | CU. YD. | UNCLASSIFIED EXCAVATION, AS PER PLAN (SEE SHEET [2/52]) | 106 | | | |
| 512 | 44400 | 38 | SQ. YD. | TYPE B WATERPROOFING | 38 | | | |
| SPECIAL | 51267510 | 1588 | SQ. YD. | SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) * | 203 | 370 | 1015 | |
| 516 | 11210 | 105 | LIN. FT. | STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL * | | | 105 | |
| SPECIAL | 51614010 | 63 | LIN. FT. | POURED POLYURETHANE JOINT SEAL (SEE SHEET [3/52]) | 63 | | | |
| 516 | 14600 | 63 | LIN. FT. | STRUCTURAL JOINT OR JOINT SEALER, MISC.: 4"x4" JOINT SEAL (BITUMEN IMPREGNATED FOAM) (SEE SHEET [3/52]) | 63 | | | |
| 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 | 92 | CU. YD. | POROUS BACKFILL WITH FILTER FABRIC | 92 | | | |
| 518 | 40001 | 93 | LIN. FT. | 6" PERFORATED CORRUGATED PLASTIC PIPE, AS PER PLAN (SEE SHEET [3/52]) | 93 | | | |
| 518 | 40011 | 76 | LIN. FT. | 6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN (SEE SHEET [3/52]) | 76 | | | |
| 519 | 11101 | 126 | SQ. FT. | PATCHING CONCRETE STRUCTURE, AS PER PLAN** (SEE SHEET [3/52]) | 75 | 51 | | |
| SPECIAL | 60739900 | 759 | LIN. FT. | VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC (SEE SHEET [3/52]) | | | 759 | |
| 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 | 1100 | POUND | FIELD PAINTING OF NEW STEEL, INTERMEDIATE AND FINISH COAT, SYSTEM IZEU ([2/52]) | | | 1100 | |
| 842 | 81300 | 266 | EACH | CONCRETE MISC.: DOWEL HOLES (SEE SHEET [2/52]) | 266 | | | |
| 843 | 50000 | 177 | SQ. FT. | PATCHING CONCRETE STRUCTURE WITH TROWELABLE MORTAR** (SEE SHEET [3/52]) | 54 | 123 | | |
| 844 | 48001 | 413 | CU. YD. | HIGH PERFORMANCE CONCRETE, SUPERSTRUCTURE (DECK), AS PER PLAN (SHEET [2/52]) | | | 413 | |
| 844 | 48021 | 101 | CU. YD. | HIGH PERFORMANCE CONCRETE, SUPERSTRUCTURE (PARAPET), AS PER PLAN (SHEET [2/52]) | | | 101 | |
| 844 | 48041 | 64 | CU. YD. | HIGH PERFORMANCE CONCRETE, SUBSTRUCTURE, AS PER PLAN (SEE SHEET [2/52]) | 64 | | | |
| 844 | 49000 | LUMP | | HIGH PERFORMANCE CONCRETE, TRIAL MIX | | | | LUMP |
| 844 | 49010 | LUMP | | HIGH PERFORMANCE CONCRETE, TESTING | | | | LUMP |
| 863 | 10201 | 1100 | POUND | STRUCTURAL STEEL MEMBERS, MISCELLANEOUS LEVEL FABRICATION, AS PER PLAN (SEE SHEET [2/52]) | | | 1100 | |
| 863 | 20000 | 2800 | EACH | WELDED STUD SHEAR CONNECTOR | | | 2800 | |

*SEE PROPOSAL NOTES

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

| | | | | | |
|--------------------------------|-------|--------|---------|----------|---------|
| THE OSBORN ENGINEERING COMPANY | | | | | 23/52 |
| CONSULTING ENGINEERS | | | | | |
| CLEVELAND, OHIO 44114 | | | | | |
| ESTIMATED QUANTITIES | | | | | |
| BRIDGE NO. LAK-90-2515 | | | | | |
| RIVER ROAD OVER I-90 | | | | | |
| LAKE COUNTY | | | | | OHIO |
| DESIGNED | DRAWN | TRACED | CHECKED | REVIEWED | DATE |
| LYH | LBEL | | JRS | GA | 2/94 |
| | | | | | REVISOR |
| | | | | | DATE |
| | | | | | 6/17/94 |
| | | | | | 5/24/93 |

F:\LAK-90-17\9007\0185-STRUCT\01855163
 Plot Size 11x17
 Drawn By: 0078 BFG / 04-28-94 (111532)

RIVER ROAD