

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
|----------|--|--------|----------------|
| 50102400 | CONCRETE REMOVAL | CU YD | 45.6 |
| 50300255 | CONCRETE SUPERSTRUCTURE | CU YD | 83.3 |
| 50300300 | PROTECTIVE COAT | SQ YD | 153 |
| 50800205 | REINFORCEMENT BARS, EPOXY COATED | POUND | 10,990 |
| 50800515 | BAR SPLICERS | EACH | 116 |
| 67100100 | MOBILIZATION | L SUM | 1 |
| 70100205 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 | EACH | 2 |
| 70100207 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 | EACH | 2 |
| 70100420 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701411 | EACH | 2 |
| 70107025 | CHANGEABLE MESSAGE SIGN | CAL DA | 60 |
| 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | SQ FT | 4,591 |
| 70307120 | TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE | FOOT | 13,770 |
| 70400100 | TEMPORARY CONCRETE BARRIER | FOOT | 725 |
| 70400200 | RELOCATE TEMPORARY CONCRETE BARRIER | FOOT | 725 |
| 70600250 | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | EACH | 2 |
| 70600350 | IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3 | EACH | 2 |

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
|------------|--|-------|----------------|
| * 78009004 | MODIFIED URETHANE PAVEMENT MARKING LINE 4" | FOOT | 19,012 |
| * 78200005 | GUARDRAIL REFLECTORS, TYPE A | EACH | 28 |
| 78300202 | PAVEMENT MARKING REMOVAL-WATER BLASTING | SQ FT | 1,148 |
| X0326649 | LINEAR DELINEATOR PANELS, 6 INCH | EACH | 80 |
| Z0001903 | STRUCTURAL STEEL REMOVAL | POUND | 4060 |
| Z0001905 | STRUCTURAL STEEL REPAIRS | POUND | 2127 |
| Z0016200 | DECK SLAB REPAIR (PARTIAL) | SQ YD | 41 |
| Z0010501 | CLEANING AND PAINTING STEEL BRIDGE NO. 1 | L SUM | 1 |
| Z0007101 | CONTAINMENT AND DISPOSAL OF LEAD PAINT RESIDUE NO. 1 | L SUM | 1 |

*= SPECIALTY ITEM

MODEL: Default
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HAMILTON CONSULTING ENGINEERS, INC.
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 LICENSE NO. 184-002005
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| | | |
|----------------------------|----------------|-----------|
| USER NAME = dws | DESIGNED - MGB | REVISED - |
| | DRAWN - DWS | REVISED - |
| PLOT SCALE = 2.0000' / in. | CHECKED - HJH | REVISED - |
| PLOT DATE = 10/26/2021 | DATE - | REVISED - |

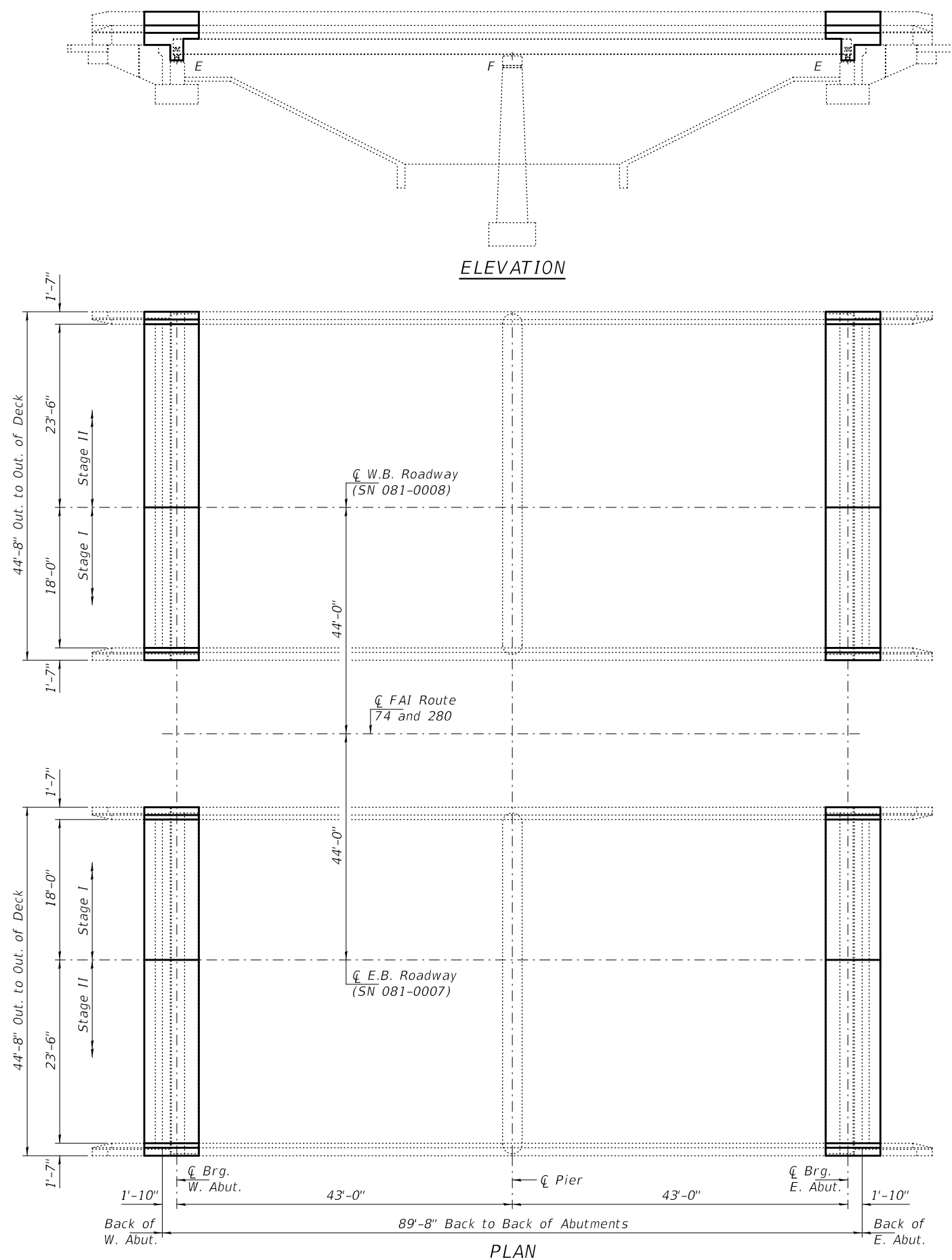
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 74 & 280 CROSSING SHAFFER CREEK
SCHEDULE OF QUANTITIES

SCALE: SHEET 3 OF 12 SHEETS STA. TO STA.

| | | | | |
|--------------------|--------------|-------------|---------------------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 74/280 | (81-3B-1)BJR | ROCK ISLAND | 3 | 3 |
| CONTRACT NO. 64R31 | | | ILLINOIS FED. AID PROJECT | |

1 REV. 1/6/22 REV. 12/13/21 REV. 10/29/21



ELEVATION

PLAN

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.

Cleaning and Painting of the existing structural steel shall be as specified in the special provisions for "Cleaning and Painting Steel Bridge No. 1" After removal of deck ends and end diaphragms, but prior to encasement of the steel beams, bearings and other structural steel within 5 ft. (measured along the beam) of either side of deck joints shall be cleaned per Near White Blast Cleaning (SSPC-SP10)

The designated areas cleaned per Near White Blast Cleaning shall be painted according to the requirements of paint system 1-0Z/E/U. The color of the final finish coat for all steel surfaces shall be Interstate Green, Munsell No. 7.5G 4/8. SSPC QP1 and SSPC QP2 Certification is required for this Contract.

TOTAL BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|---|---------|----------|
| Concrete Removal | Cu. Yd. | 45.6 |
| Concrete Superstructure | Cu. Yd. | 83.3 |
| Structural Steel Removal | Pound | 4060 |
| Structural Steel Repair | Pound | 2127 |
| Reinforcement Bars, Epoxy Coated | Pound | 10990 |
| Bar Splicers | Each | 116 |
| * Deck Slab Repair (Partial) | Sq. Yd. | 41 |
| Protective Coat | Sq. Yd. | 153 |
| Cleaning and Painting Steel Bridge No. 1 | L.S. | 1 |
| Containment and Disposal of Lead Paint Cleaning Residue No. 1 | L.S. | 1 |

* Estimated quantity, locataion and size of patches to be determined in the field by the Engineer.



Expires: November 30, 2022

| | | | | | | | | | |
|------------------------------|--|-------------------------------|---|--|---------------------------|-----------------------|--------------------|-----------------|--------------|
| DESIGNED - Victor H. Veliz | EXAMINED - <i>Twigg A. Beck</i> ENGINEER OF STRUCTURAL SERVICES | DATE - DECEMBER 10, 2021 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | GENERAL PLAN & ELEVATION FA.I. ROUTE 74 & 280 OVER SHAEFFER CREEK SN 081-0007 (E.B.) & -0008 (W.B.) | F.A.I. RTE. 74 | SECTION (81-3B-1) BJR | COUNTY ROCK ISLAND | TOTAL SHEETS 21 | SHEET NO. 13 |
| CHECKED - Adrian T. Halloway | PASSED - <i>Dr. Carl Puzey</i> ENGINEER OF BRIDGES AND STRUCTURES | REVISED <i>VHV</i> 01/06/2022 | | | CONTRACT NO. 64R31 | | | | |
| DRAWN - STEFFEN | | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | |
| CHECKED - VHV ATH | | | | | SHEET NO. 1 OF 9 SHEETS | | | | |