

# SUMMARY OF QUANTITIES

| CODE NUMBER | ITEM   | UNIT   | 100% STATE                     | 100% STATE                      |
|-------------|--|--------|--------------------------------|---------------------------------|
|             |  |        | TOTAL QUANTITY<br><i>URBAN</i> | WINNEBAGO COUNTY<br><i>0014</i> |
| 40603545    | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 | TON    | 105                            | 105 <sup>1</sup>                |
| 50102400    | CONCRETE REMOVAL   | CU YD  | 7                              | 7                               |
| 50300255    | CONCRETE SUPERSTRUCTURE                                  | CU YD  | 7                              | 7                               |
| 50800205    | REINFORCEMENT BARS, EPOXY COATED                         | POUND  | 470                            | 470                             |
| 52000110    | PREFORMED JOINT STRIP SEAL                               | FOOT   | 118                            | 118                             |
| 67100100    | MOBILIZATION   | L SUM  | 1                              | 1                               |
| 70100205    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701401          | EACH   | 1                              | 1                               |
| 70100420    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701411          | EACH   | 1                              | 1                               |
| 70100820    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701451          | L SUM  | 1                              | 1                               |
| 70106800    | CHANGEABLE MESSAGE SIGN                                  | CAL MO | 3                              | 3                               |
| 70300220    | TEMPORARY PAVEMENT MARKING - LINE 4"                     | FOOT   | 1,588                          | 1,588                           |
| 70301000    | WORK ZONE PAVEMENT MARKING REMOVAL                       | SQ FT  | 530                            | 530                             |
| * 78007110  | PERMANENT PAVEMENT MARKING - LINE 4"                     | FOOT   | 1,588                          | 1,588                           |
| 78300100    | PAVEMENT MARKING REMOVAL                                 | SQ FT  | 530                            | 530                             |
| X0326767    | PROFILE DIAMOND GRINDING CONCRETE PAVEMENT               | SQ YD  | 534                            | 534                             |
| X5810100    | WATERPROOFING MEMBRANE SYSTEM (SPECIAL)                  | SQ YD  | 752.4                          | 752.4                           |

\* Specialty Items

REVISED 1-6-16



**GENERAL NOTES**

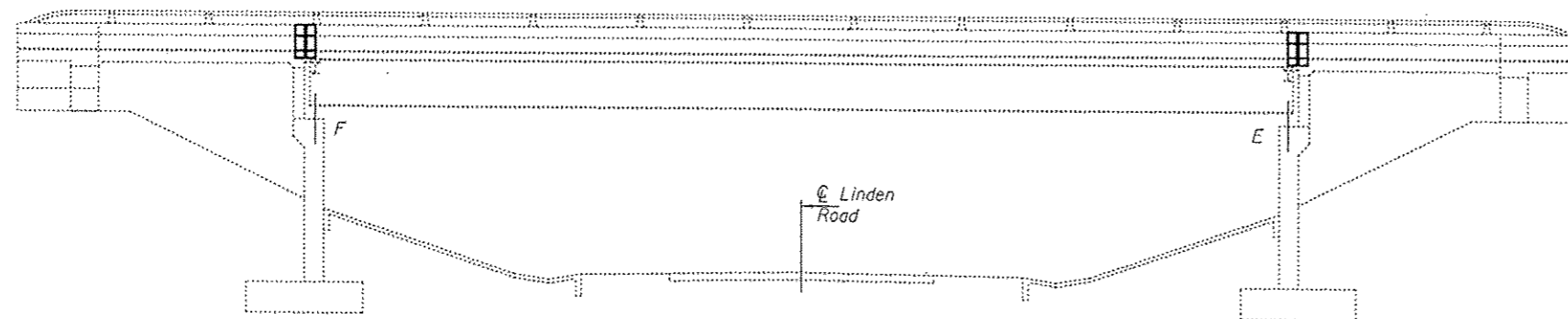
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall 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.

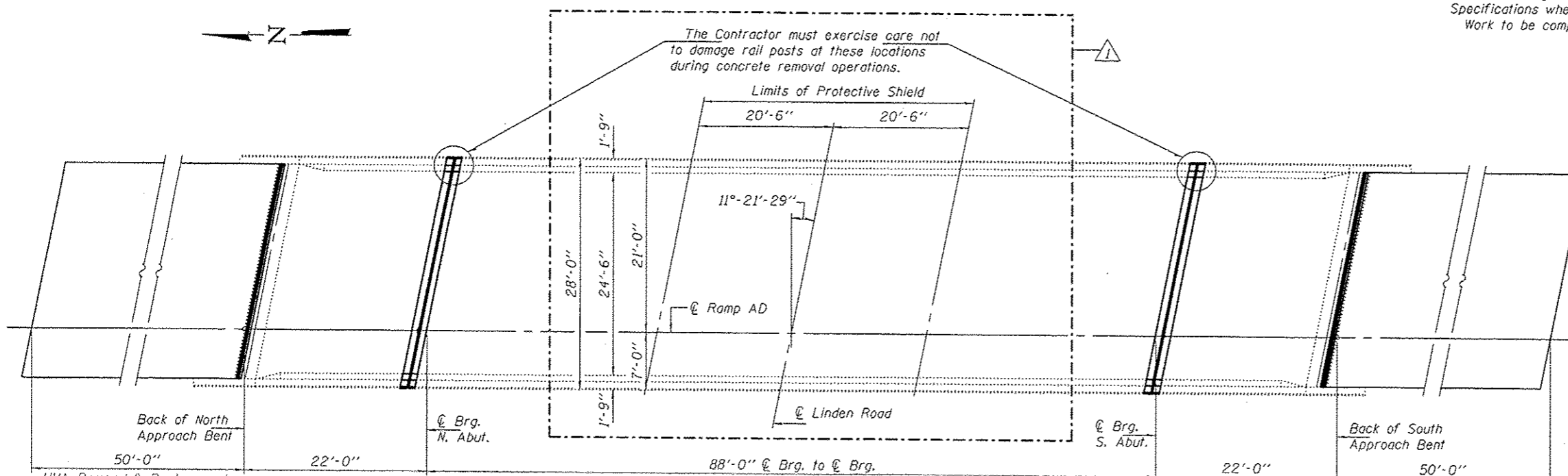
Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

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

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F. Work to be completed under road closure.



**ELEVATION**

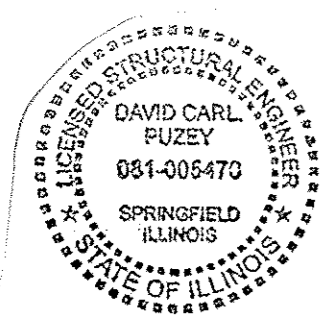


**PLAN**

**TOTAL BILL OF MATERIAL**

| ITEM   | UNIT    | QUANTITY |
|--|---------|----------|
| Concrete Removal   | Cu. Yd. | 3.0      |
| Concrete Superstructure                                  | Cu. Yd. | 3.0      |
| Reinforcement Bars, Epoxy Coated                         | Pound   | 230      |
| Preformed Joint Strip Seal                               | Foot    | 57       |
| Polymerized Hot-Mix Asphalt Surface Course, Mix "D", N90 | Tons    | 52.0     |
| * Deck Slab Repair (Partial)                             | Sq. Yd. | 52       |
| * Deck Slab Repair (Full Depth, Type I)                  | Sq. Yd. | 18       |
| * Deck Slab Repair (Full Depth, Type II)                 | Sq. Yd. | 18       |
| Profile Diamond Grinding of Concrete Pavement            | Sq. Yd. | 266.7    |
| Bituminous Concrete Removal (Deck)                       | Sq. Yd. | 1616.0   |
| Waterproofing Membrane System, Special                   | Sq. Yd. | 349.0    |
| Silicone Joint Sealer                                    | Foot    | 53       |
| Polymer Concrete   | Cu. Ft. | 5.5      |
| Protective Shield  | Sq. Yd. | 100      |

\* Quantities are estimated. Actual locations and sizes to be determined in the field, by the Engineer.



|                               |                                 |
|-------------------------------|---------------------------------|
| DESIGNED - <i>[Signature]</i> | DATE - NOVEMBER 19, 2015        |
| CHECKED - <i>[Signature]</i>  | REVISED $\Delta$ 12/23/2015 VHV |
| DRAWN - Kyle M. Stoffan       | REVISED $\Delta$ 1/6/2016 VHV   |
| CHECKED - <i>[Signature]</i>  |                                 |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION  
F.A.I. ROUTE 39 RAMP OVER LINDEN ROAD  
SN 101-0137

| F.A.I. RTE.             | SECTION                 | COUNTY    | TOTAL SHEETS       | SHEET NO. |
|-------------------------|-------------------------|-----------|--------------------|-----------|
| 39                      | D2 BRIDGE REPAIR 2016-3 | WINNEBAGO | 25                 | 13        |
| SHEET NO. 1 OF 4 SHEETS |                         |           | CONTRACT NO. 64L07 |           |

ILLINOIS FED. AID PROJECT

**GENERAL NOTES**

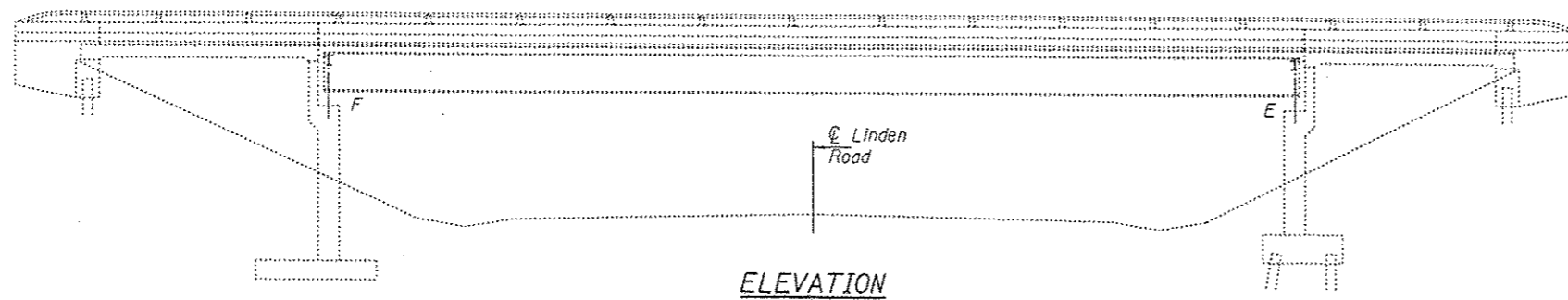
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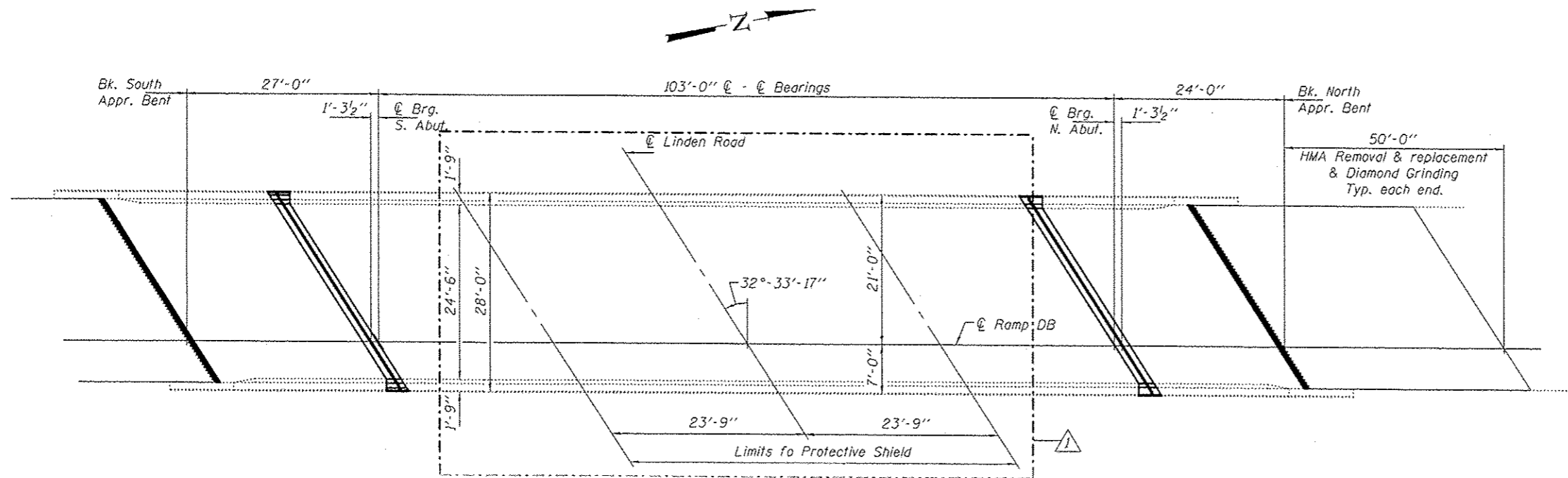
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Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F. Work to be completed under road closure.



**ELEVATION**



**PLAN**

**TOTAL BILL OF MATERIAL**

| ITEM   | UNIT    | QUANTITY |
|--|---------|----------|
| Concrete Removal   | Cu. Yd. | 4.0      |
| Concrete Superstructure                                  | Cu. Yd. | 4.0      |
| Reinforcement Bars, Epoxy Coated                         | Pound   | 240      |
| Preformed Joint Strip Seal                               | Foot    | 61       |
| Polymerized Hot-Mix Asphalt Surface Course, Mix "D", N90 | Tons    | 53       |
| * Deck Slab Repair (Partial)                             | Sq. Yd. | 60       |
| * Deck Slab Repair (Full Depth, Type I)                  | Sq. Yd. | 20       |
| * Deck Slab Repair (Full Depth, Type II)                 | Sq. Yd. | 20       |
| Profile Diamond Grinding of Concrete Pavement            | Sq. Yd. | 267      |
| Bituminous Concrete Removal (Deck)                       | Sq. Yd. | 1670.0   |
| Waterproofing Membrane System, Special                   | Sq. Yd. | 403.4    |
| Silicone Joint Sealer                                    | Foot    | 61       |
| Polymer Concrete   | Cu. Ft. | 6.0      |
| Protective Shield  | Sq. Yd. | 116      |

\* Quantities are estimated. Actual locations and sizes to be determined in the field, by the Engineer.



EXPIRES 11-30-2016

DESIGNED *[Signature]*  
CHECKED *[Signature]*  
DRAWN *[Signature]*  
CHECKED *[Signature]*

PASSED

*[Signature]*  
ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE NOVEMBER 19, 2015

REVISED 12/23/2015 VHV  
REVISED 1/6/2016 VHV

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN AND ELEVATION  
FAI 39 (RAMP DB) OVER LINDEN ROAD  
SN 101-0140

SHEET NO. 1 OF 4 SHEETS

| F.A.I. R.T.E. | SECTION                 | COUNTY    | TOTAL SHEETS | SHEET NO. |
|---------------|-------------------------|-----------|--------------|-----------|
| 39            | 02 BRIDGE REPAIR 2016-3 | WINNEBAGO | 25           | 17        |

CONTRACT NO. 64L07  
ILLINOIS FED. AID PROJECT