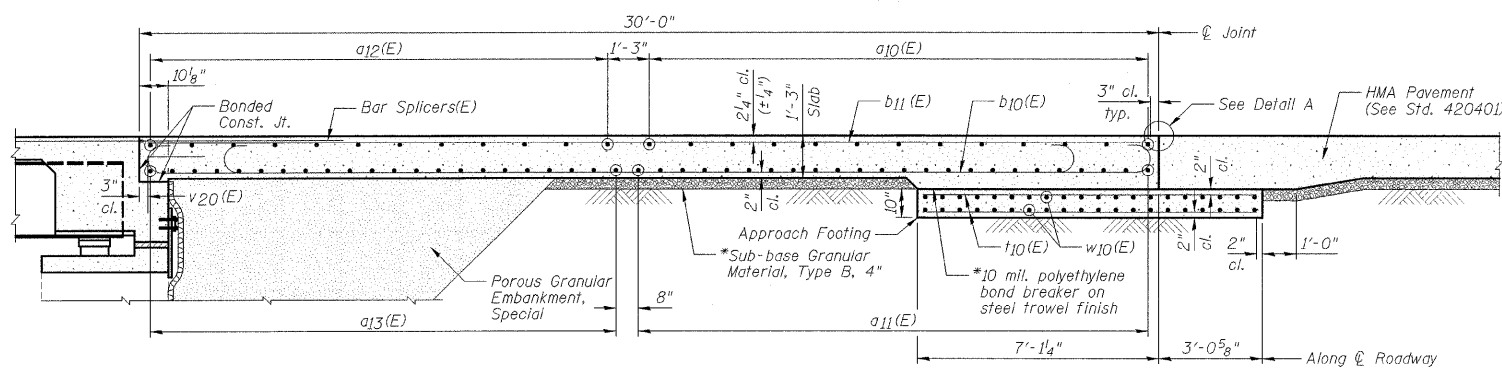
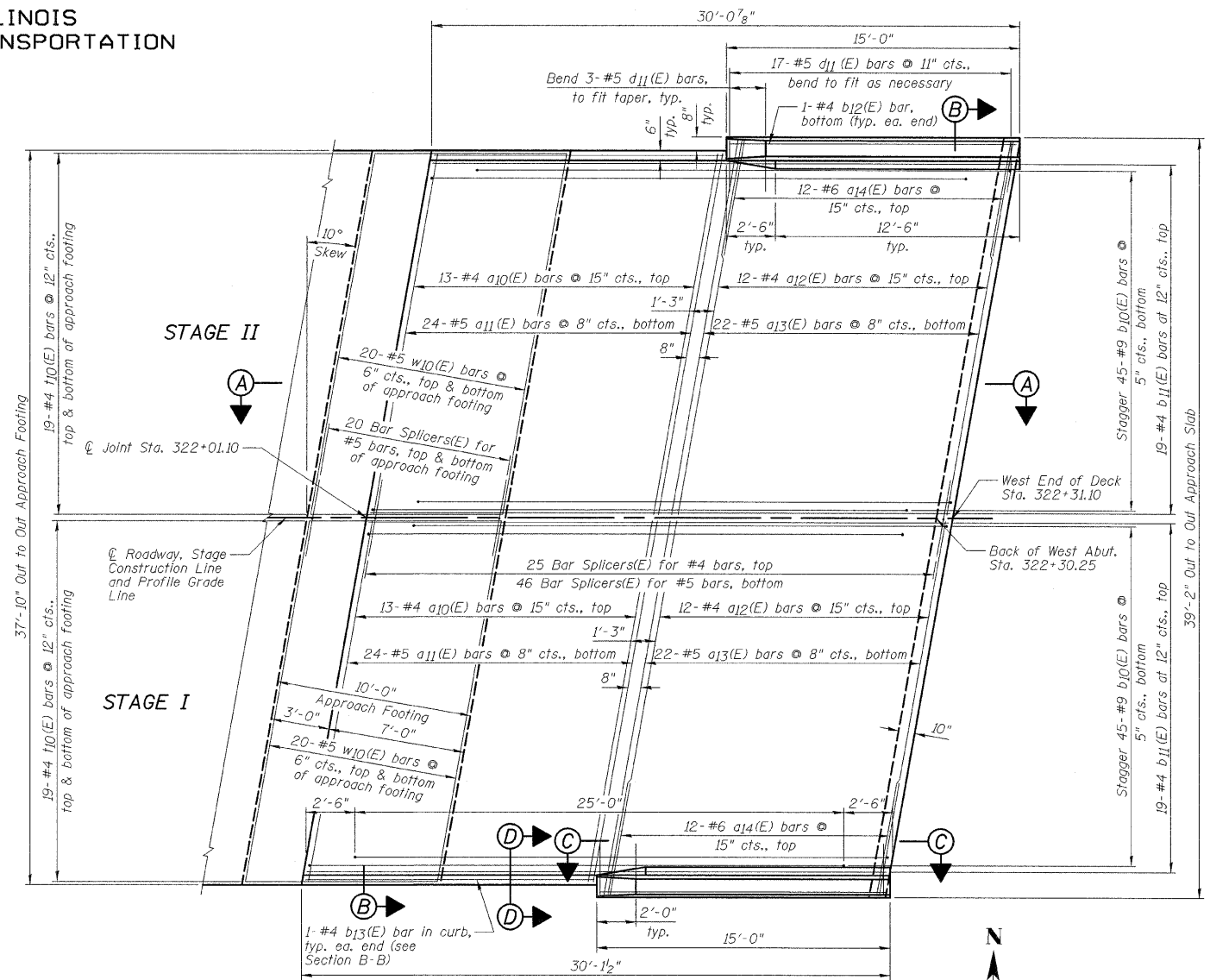
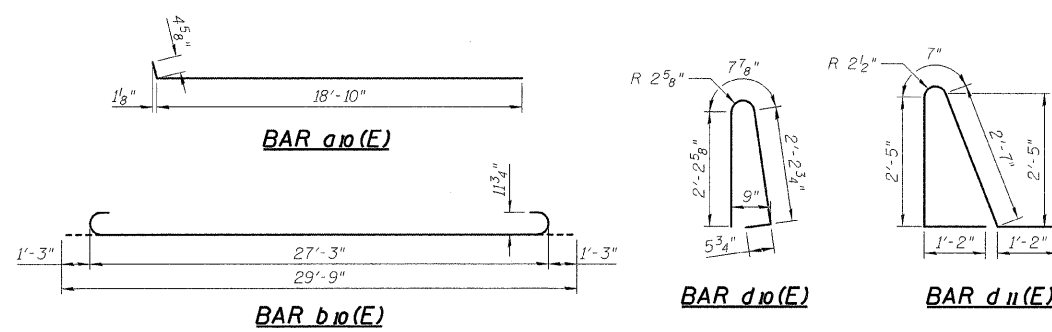


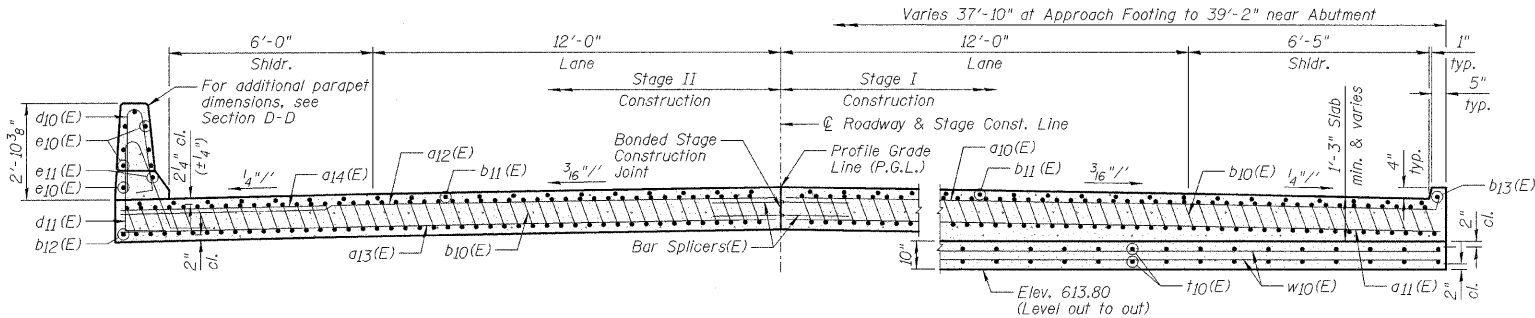
**WEST APPROACH SLAB  
BILL OF MATERIAL**

| Bar                              | No.     | Size     | Length  | Shape |
|----------------------------------|---------|----------|---------|-------|
| a10(E)                           | 26      | #4       | 19'-3"  |       |
| a11(E)                           | 48      | #5       | 18'-10" |       |
| a12(E)                           | 24      | #4       | 19'-6"  |       |
| a13(E)                           | 44      | #5       | 19'-6"  |       |
| a14(E)                           | 24      | #6       | 6'-0"   |       |
| b10(E)                           | 90      | #9       | 29'-9"  |       |
| b11(E)                           | 38      | #4       | 29'-8"  |       |
| b12(E)                           | 2       | #4       | 14'-8"  |       |
| b13(E)                           | 2       | #4       | 14'-9"  |       |
| d10(E)                           | 34      | #5       | 5'-7"   |       |
| d11(E)                           | 34      | #5       | 7'-11"  |       |
| e10(E)                           | 16      | #4       | 14'-8"  |       |
| e11(E)                           | 2       | #8       | 14'-8"  |       |
| i10(E)                           | 76      | #4       | 9'-10"  |       |
| w10(E)                           | 80      | #5       | 18'-10" |       |
| Item                             | Unit    | Quantity |         |       |
| Concrete Superstructure          | Cu. Yd. | 58.5     |         |       |
| Bridge Deck Grooving             | Sq. Yd. | 114      |         |       |
| Protective Coat                  | Sq. Yd. | 137      |         |       |
| Concrete Structures              | Cu. Yd. | 12.1     |         |       |
| Reinforcement Bars, Epoxy Coated | Pound   | 15,380   |         |       |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



SECTION A-A

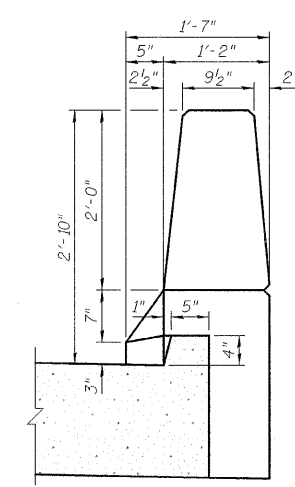


NEAR ABUTMENT

AT APPROACH FOOTING

SECTION B-B

SECTION C-C



SECTION D-D

|          |         |
|----------|---------|
| DESIGNED | SDH     |
| CHECKED  | JML     |
| DRAWN    | JWK/DJM |
| CHECKED  | MSW     |

DETAIL A - FLEXIBLE PAVEMENT

**NOTES:**

- a10(E) thru a14(E) bar spacings measured perpendicular to  $\varnothing$  Roadway.
- Tilt #9 b10(E) bars as required to maintain clearance.
- Approach Slab and parapet concrete shall be paid for as Concrete Superstructure.
- Approach Footing concrete shall be paid for as Concrete Structures.
- Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
- For v20(E) bar details, see Sheet B13.
- The Approach Footing maximum applied service bearing pressure ( $Q_{max}$ ) = 2.0 ksf.
- See Sheet B33 for Bar Splicer Details.
- Cost of excavation for Approach Footing included with Concrete Structures.
- For Porous Granular Embankment, Special and drainage treatment details, see Sheet B2.
- \*Cost included with Concrete Superstructure.

**WEST BRIDGE  
APPROACH SLAB DETAILS  
STRUCTURE NO. 053-0150**

|               |                    |                |                   |   |              |
|---------------|--------------------|----------------|-------------------|---|--------------|
| SHEET NO. B15 | F.A.P. RTE. 41     | SECTION 15BR-2 | COUNTY LIVINGSTON | TOTAL SHEETS 04                               | SHEET NO. 31 |
| 34 SHEETS     | CONTRACT NO. 66691 |                |                   | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |              |