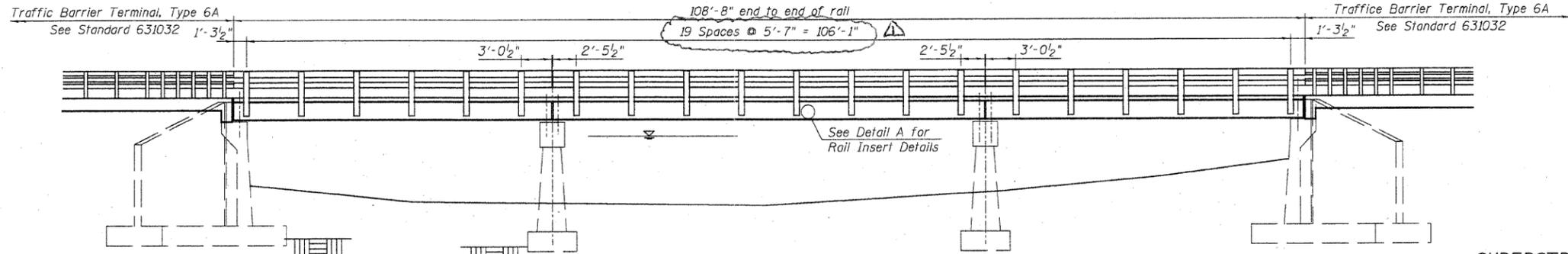


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

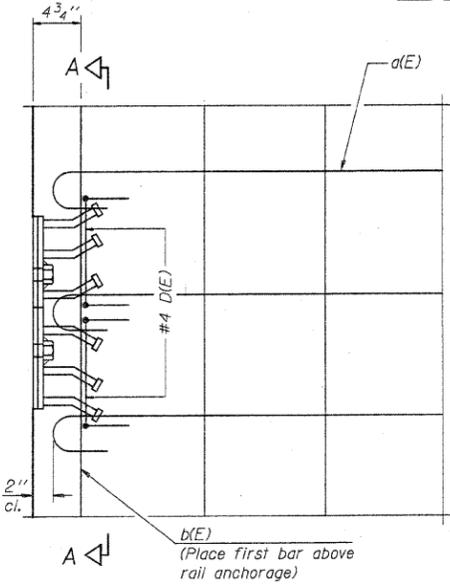
Note: See sheet 5 for Railing Details



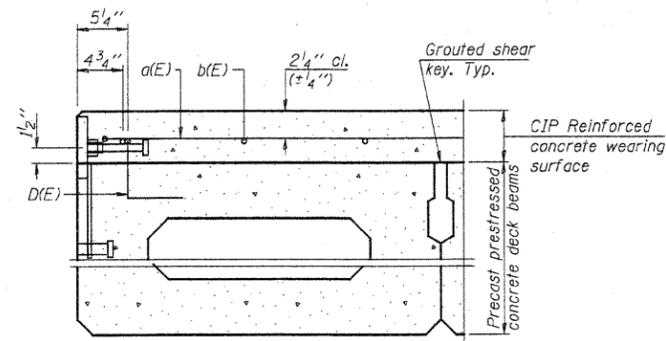
ELEVATION
Showing Rail Post Spaces

**SUPERSTRUCTURE
BILL OF MATERIAL**

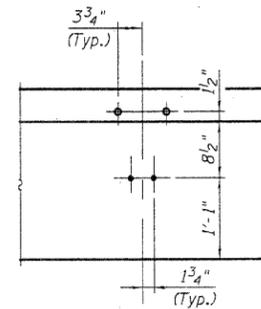
| Bar | No. | Size | Length | Shape |
|----------------------------------|-----|------|---------|-------|
| a(E) | 110 | #4 | 27'-2" | |
| a1(E) | 110 | #4 | 29'-2" | |
| b(E) | 232 | #4 | 28'-6" | |
| Reinforcement Bars, Epoxy Coated | | | Pound | 8,560 |
| Bridge Deck Grooving | | | Sq. Yd. | 677 |
| Name Plates | | | Each | 2 |
| Preformed Joint Strip Seal | | | Foot | 112 |
| Protective Coat | | | Sq. Yd. | 677 |
| Bar Splacers | | | Each | 110 |
| Concrete Wearing Surface, 5" | | | Sq. Yd. | 676 |



PLAN



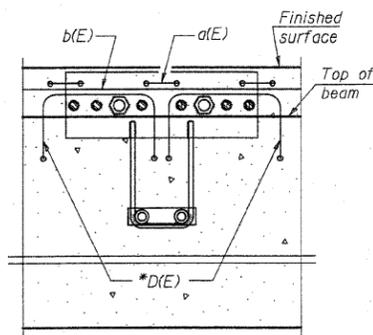
SECTION THRU FASCIA BEAM



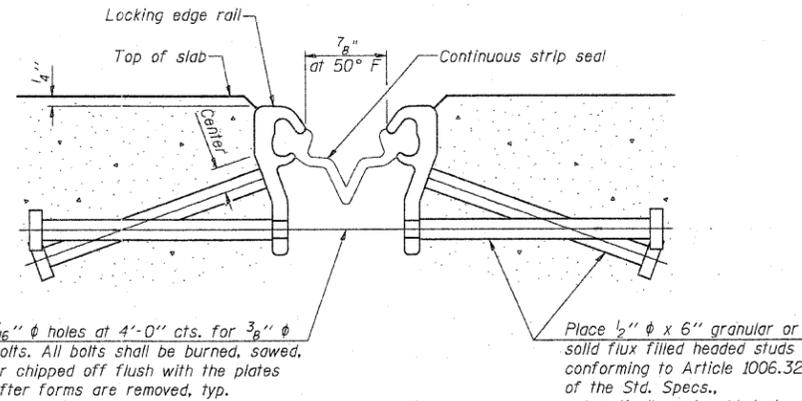
DETAIL A

Notes:
Formwork necessary for the wearing surface may be secured utilizing the bottom rail anchorage inserts and/or additional inserts cast into the beam.

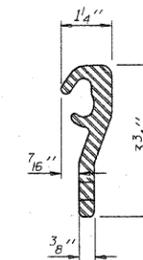
MINIMUM BAR LAP
#4 bar = 2'-0"



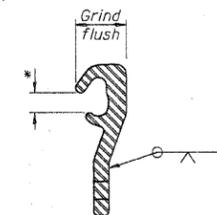
SECTION A-A



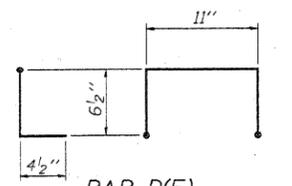
SECTION THRU STRIP SEAL JOINT FOR OVERLAY OVER DECK BEAMS AT BOTH ABUTMENTS



LOCKING EDGE RAIL

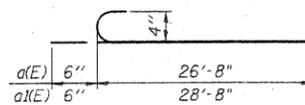


LOCKING EDGE RAIL SPLICE



BAR D(E)

* Place 2-#4 D(E) bars in beam at each post location as shown. D(E) bar included in cost of beam.



BARS a(E) & a1(E)

Notes:
The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails.

The height and thickness of the Locking Edge Rails shown are minimum dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed.

The inside of the Locking Edge Rail groove shall be free of weld residue. Locking Edge Rails may be spliced at slope discontinuities and stage construction joints.

The manufacturer's recommended installation methods shall be followed.

URS
100 South Wacker Drive, Suite 500
Chicago, IL 60606
Tel: 312.939.1000
Fax: 312.939.4198

DECK PLAN & SECTION DETAILS

Revised 6-3-11 STRUCTURE NO. 099-3322

| | |
|----------|---------|
| DESIGNED | L. LAWS |
| CHECKED | J.P.B. |
| DRAWN | L. LAWS |
| CHECKED | J.P.B. |

| | | | | | |
|---|--------------------|----------------|--------|--------------|-----------|
| SHEET NO. S-6 | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 0856 | 08-00050-00-BR | WILL | 26 | 12 |
| 18 SHEETS | CONTRACT NO. 63576 | | | | |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT | | | | | |