

ELEVATION

Note: Roadway dimensions shown are perpendicular to roadway.

GENERAL NOTES

Plan dimensions and details relative to existing structure have been taken from field survey and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field 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 the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Excavation required to construct the headwalls and wingwalls shall be included in the cost of Concrete Box Culverts. No additional compensation will be allowed for structure excavation.

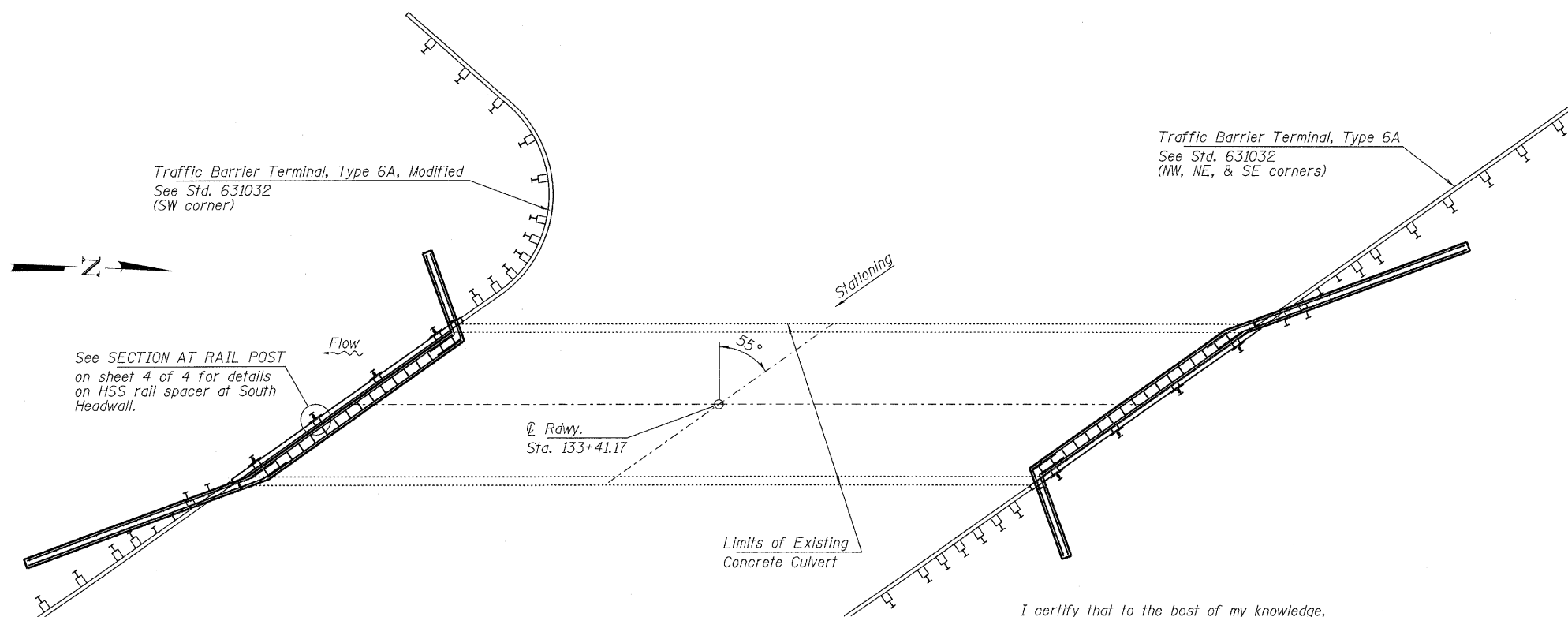
Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

Reinforcement bars shall conform to the requirements of ASTM A 706 Grade 60. See Special Provisions.

All construction joints shall be bonded, except as noted.

Reinforcement bars designated (E) shall be epoxy coated.

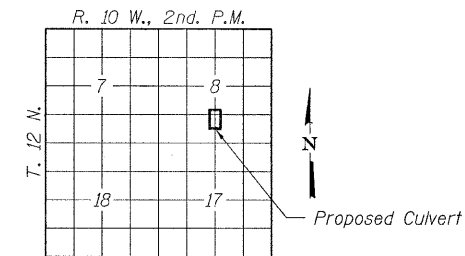
Exposed edges shall be beveled 3#4".



PLAN

INDEX OF STRUCTURE SHEETS

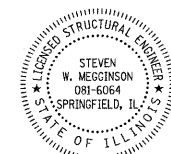
1. General Plan & Elevation
2. Culvert Details - South End
3. Culvert Details - North End
4. Steel Railing, Type SM



LOCATION SKETCH

I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current "AASHTO LRFD Specifications."

Steven W. McGinnson
ILLINOIS STRUCTURAL NO. 081-6064



Expires 11-30-2012

TOTAL BILL OF MATERIAL

| ITEM | UNIT | TOTAL |
|----------------------------------|---------|-------|
| Reinforcement Bars, Epoxy Coated | Pound | 800 |
| Steel Railing, Type SM | Foot | 40 |
| Anchor Bolts, 3/4" | Each | 32 |
| Concrete Box Culverts | Cu. Yd. | 3.2 |

DESIGN STRESSES

FIELD UNITS

$f'_c = 3,500 \text{ psi}$
 $f_y = 60,000 \text{ psi (Reinf.)}$

| | | | | | | | | | | |
|--|------------------|-------------------|-----------|--|--|---|----------------|--------|--------------|-----------|
| FILE NAME = 110330-shr-culvert-textensions | DRAWN - D.T.M. | DESIGNED - A.S.L. | REVISIONS | STATE OF ILLINOIS EDGAR COUNTY HIGHWAY DEPARTMENT | GENERAL PLAN & ELEVATION CULVERT STA. 133 + 41.17 | C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| HAMPTON, LENZINI AND RENWICK, INC. 3005 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62709 | CHECKED - S.W.M. | CHECKED - S.W.M. | REVISED - | | | 4 | 10-00101-00-SP | EDGAR | 132 | 52 |
| ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184.000939 | REVISIONS | REVISIONS | REVISED - | | | CONTRACT NO. 91467 | | | | |
| PLOT SCALE = | REVISIONS | REVISIONS | REVISED - | | | ILLINOIS FED. AID PROJECT HSIP-06801091 | | | | |

SHEET NO. 1 OF 4 SHEETS