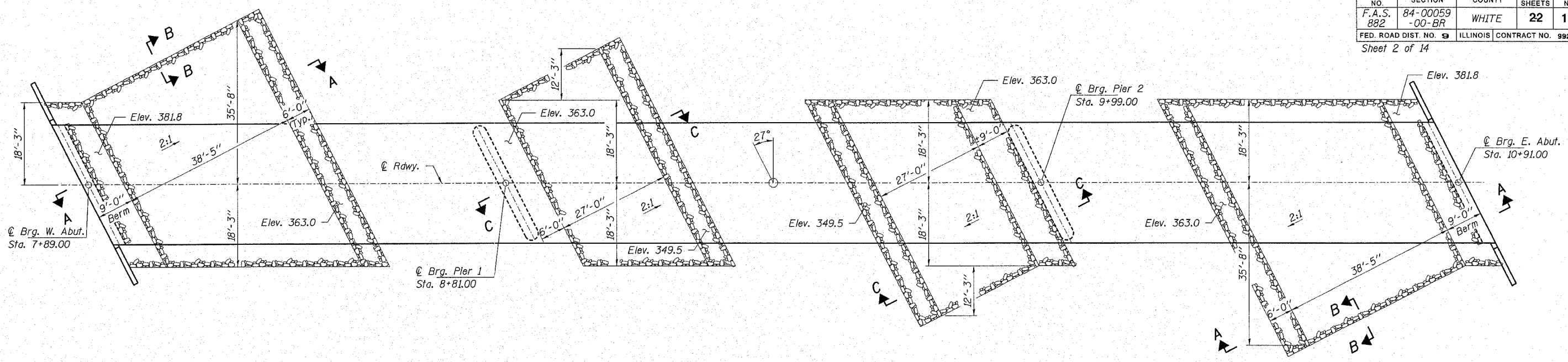


| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|----------------|-----------------------------|--------------|-----------|
| F.A.S. 882 | 84-00059-00-BR | WHITE | 22 | 10 |
| FED. ROAD DIST. NO. 9 | | ILLINOIS CONTRACT NO. 99268 | | |

Sheet 2 of 14



PLAN

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts (in painted areas and M164 Type 3 in unpainted areas). Bolts $\frac{1}{8}$ " ϕ , open holes $\frac{15}{16}$ " ϕ , unless otherwise noted.

Calculated weight of Structural Steel = 220,405 Pounds.

All structural steel shall be AASHTO M 270 Grade 50W.

No field welding is permitted except as specified in the contract documents.

Reinforcement bars shall conform to the requirements of ASTM A706 Gr 60 (IL Modified). See Special Provisions.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of $\frac{1}{8}$ inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two $\frac{1}{8}$ " adjusting shims, of the dimensions of the bottom bearing plate, shall be provided for each bearing in addition to all other plates or shims.

Structural steel shall only be painted for a distance equal to the depth of embedment into the concrete cap plus 3 in. Those areas shall be primed in the shop with a Department approved zinc rich primer. No field painting shall be required. All structural steel shall be cleaned as specified in the Special Provision for "Surface Preparation and Painting Requirements for Weathering Steel."

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

The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.

The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.

Load carrying components designated "NTR" shall conform to the Supplemental Requirements of Notch Toughness, Zone 2.

All proposed construction activity shall be in accordance with Nationwide Permit number 14 of the Department of the Army authorized under Section 404 of the Clean Water Act. The IEPA has issued Section 401 Water Quality Certification for this activity. See Special Provisions for conditions.

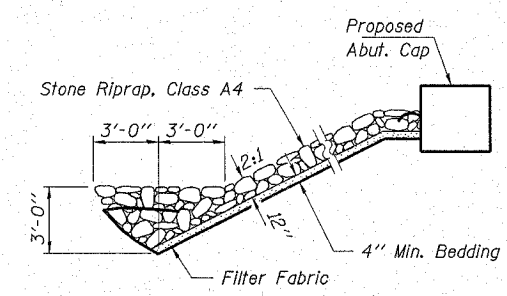
See Sheets 13 & 14 of 14 for Borings.

All construction joints shall be bonded.

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

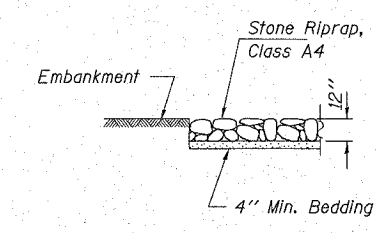
The Bridge Approach Pavement shall be constructed without the curb detail.

Quantities for Protective Coat and Bridge Deck Grooving include that for Bridge Approach Pavement.

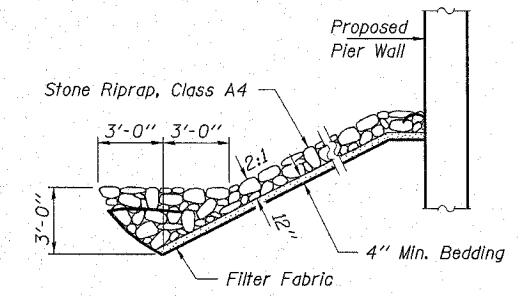


SECTION A-A

Note: See Special Provisions for Stone Riprap, Class A4.



SECTION B-B



SECTION C-C

Note: See Special Provisions for Stone Riprap, Class A4.

| | | |
|---|-----------------|---|
| HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS | | RIPRAP DETAIL F.A.S. ROUTE 882 SECTION 84-00059-00-BR WHITE COUNTY STRUCTURE NO. 097-3186 / STATION 9+40 |
| 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400 | | |
| ELGIN • SPRINGFIELD | | |
| PROJECT NUMBER: 12-98-0013-1 | DATE: 01/18/07 | |
| DESIGNED: M.G.B. | CHECKED: S.W.M. | DRAWN: D.B. |