

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

All structural steel shall be AASHTO M 270 Grade 50W (except expansion joints and piles which shall be AASHTO M 270 Grade 50). All structural steel shall be cleaned as specified in the Special Provision for "Surface Preparation and Painting Requirements for Weathering Steel".

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

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

Reinforcement bars designated (E) shall be epoxy coated.

Concrete Sealer shall be applied to the designated areas of the abutments and piers:
Abutments - inside face of backwall, top of bridge seat and front face of abutment stem.
Pier - top of bridge seat and entire exposed surface of pier wall.

All structural steel and exposed surfaces of bearings within a distance of 4 ft. each way from the deck joints shall be painted as specified in the Special Provision for "Surface Preparation and Painting Requirements for Weathering Steel".

Two 1/8 in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

TRUSS MANUFACTURER

The substructure is designed per AASHTO LRFD and based on the assumed truss dead loads (including deck) shown below:

Total factored superstructure dead load at east and west abutment = 86,750 pounds
Total factored superstructure dead load at center pier = 173,500 pounds

Truss manufacturer shall camber the truss as necessary to provide allowance for dead load deflection.

Bridge bearing seat elevations are subject to revision based on the approved pedestrian truss superstructure shop drawings. Contractor shall verify all dimensions and elevations with final approved shop drawings.

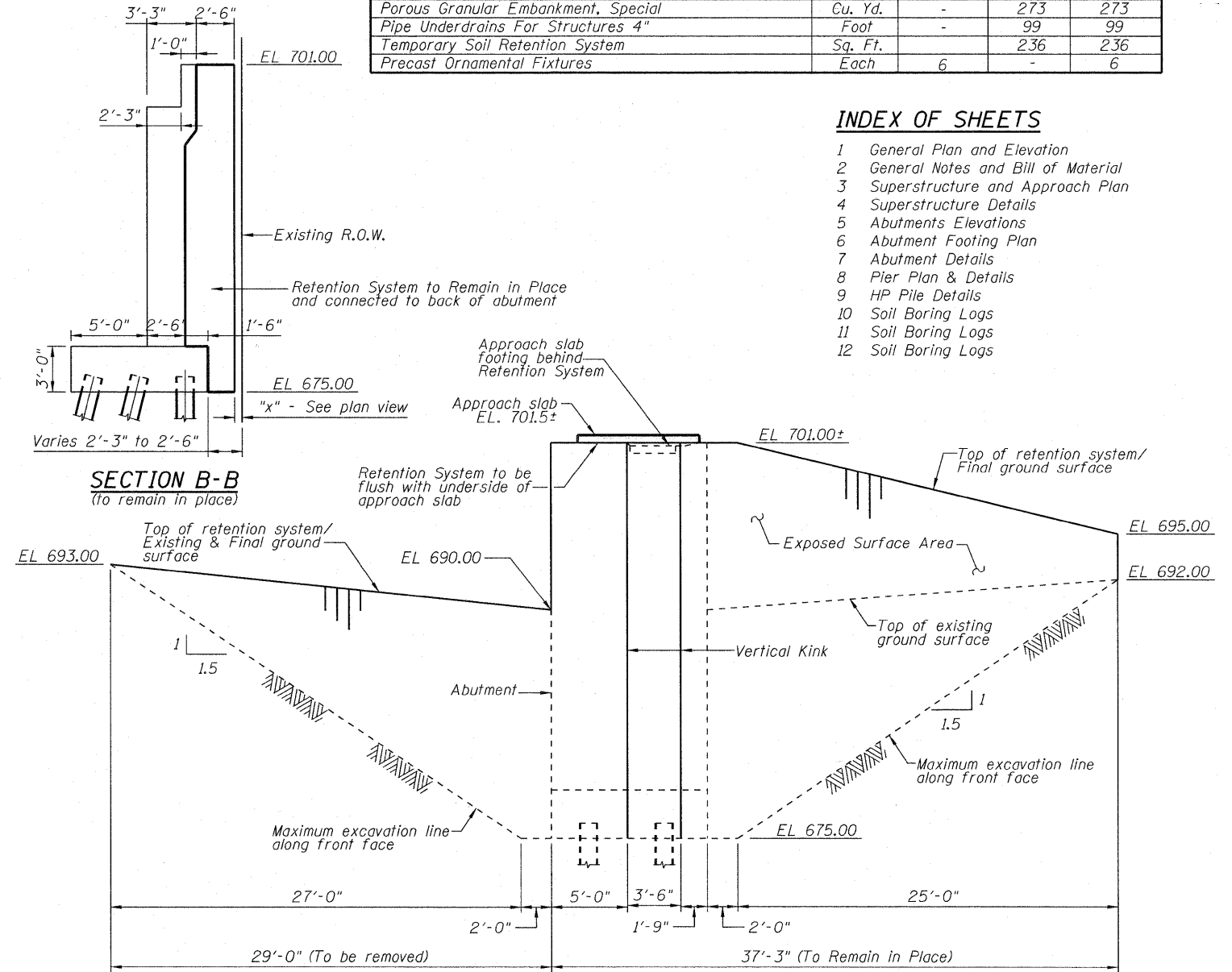
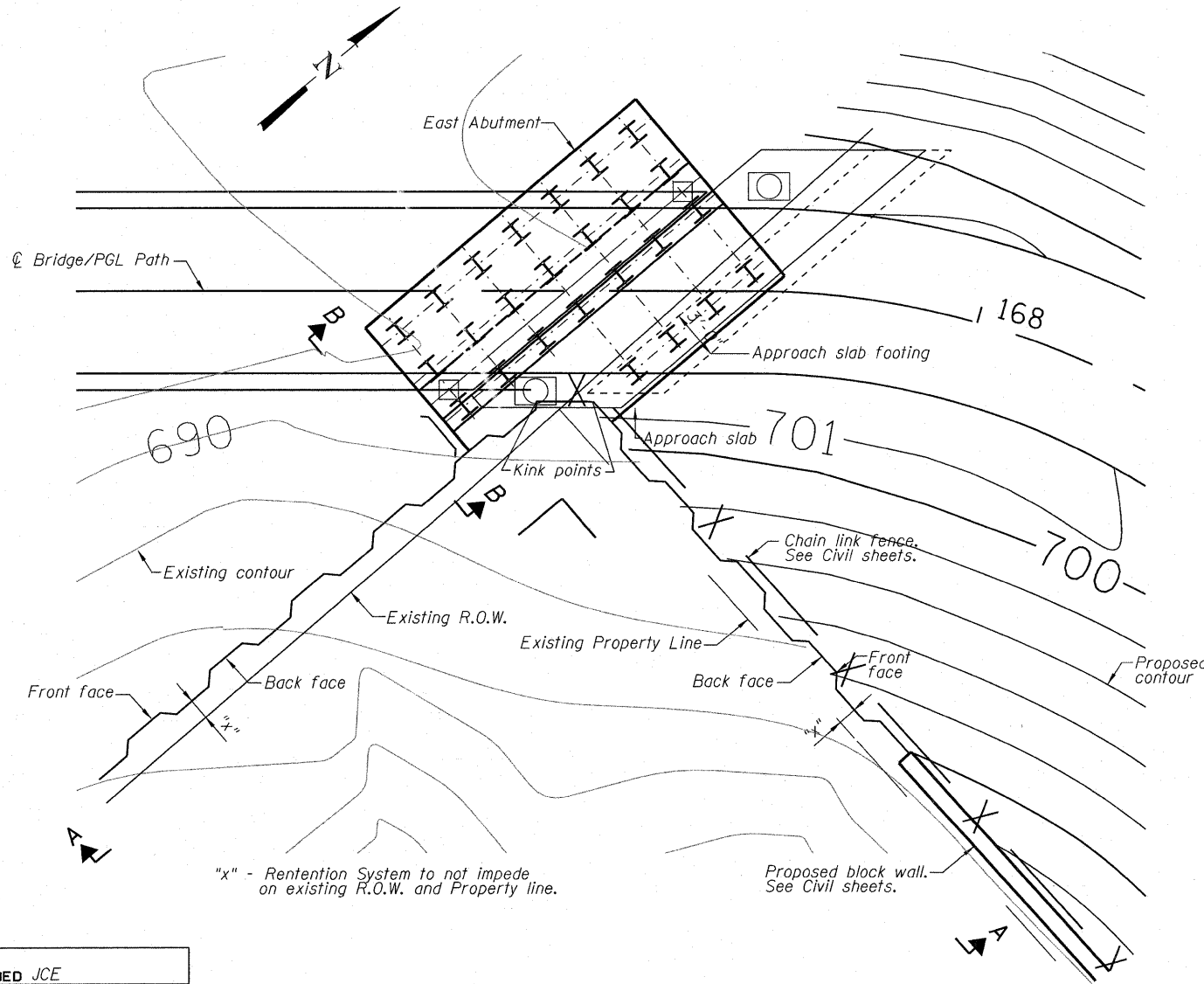
Truss manufacturer shall provide the reinforced concrete deck design. Concrete deck to utilize stay-in-place galvanized forms. Reinforcement shall be epoxy coated. Contractor shall place the concrete deck after truss is set. Cost included with Pedestrian Truss Superstructure.

TOTAL BILL OF MATERIAL

| ITEM | UNIT | SUPER | SUB | TOTAL |
|--|---------|-------|---------|---------|
| Structure Excavation | Cu. Yd. | - | 493 | 493 |
| Concrete Structures | Cu. Yd. | - | 354.6 | 354.6 |
| Rubbed Finish | Sq. Ft. | - | 337 | 337 |
| Concrete Superstructure | Cu. Yd. | 7.3 | - | 7.3 |
| Reinforcement Bars, Epoxy Coated | Pound | - | 34,500 | 34,500 |
| Furnishing Steel Piles HP12X53 | Foot | - | 4,343.0 | 4,343.0 |
| Driving Piles | Foot | - | 4,343.0 | 4,343.0 |
| Test Pile Steel HP12X53 | Each | - | 3 | 3 |
| Pile Shoes | Each | - | 88 | 88 |
| Name Plates | Each | 1 | - | 1 |
| Preformed Joint Strip Seal | Foot | 46.5 | - | 46.5 |
| Concrete Sealer | Sq. Ft. | - | 3,334 | 3,334 |
| Geocomposite Wall Drain | Sq. Yd. | - | 186 | 186 |
| Pedestrian Truss Superstructure | Sq. Ft. | 2,010 | - | 2,010 |
| Temporary Soil Retention System (To Remain In Place) | Sq. Ft. | - | 743 | 743 |
| Porous Granular Embankment, Special | Cu. Yd. | - | 273 | 273 |
| Pipe Underdrains For Structures 4" | Foot | - | 99 | 99 |
| Temporary Soil Retention System | Sq. Ft. | - | 236 | 236 |
| Precast Ornamental Fixtures | Each | 6 | - | 6 |

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SECTION A-A
(unfolded view looking at back face)

**GENERAL NOTES AND BILL OF MATERIAL
STRUCTURE NO. 016-7702**

| | |
|----------|-----|
| DESIGNED | JCE |
| CHECKED | GEK |
| DRAWN | JCE |
| CHECKED | GEK |

TEMPORARY SOIL RETENTION SYSTEM

A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street Chicago, Illinois 60601

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|--------------------------|---------------|---------------------------|--------|--------------------|--------------|
| SHEET NO. 2 12 SHEETS | F.A.P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 330 | 73 R-B | COOK | 136 | 79 |
| DATE: 12/17/10 | | ILLINOIS FED. AID PROJECT | | CONTRACT NO. 60K64 | |