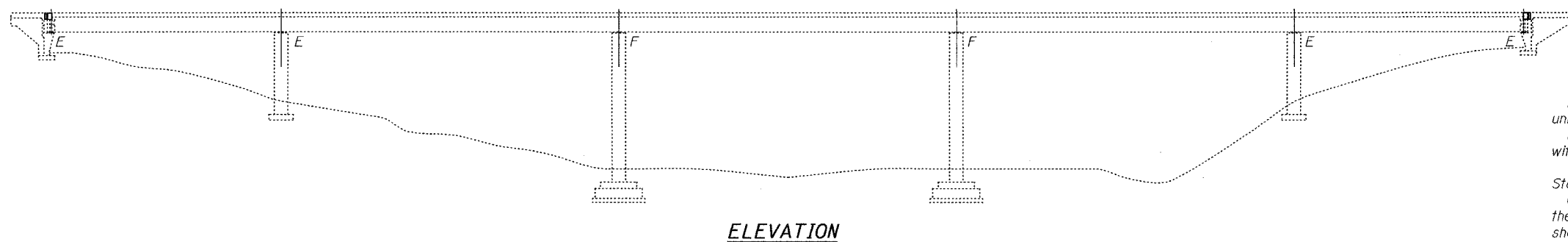


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

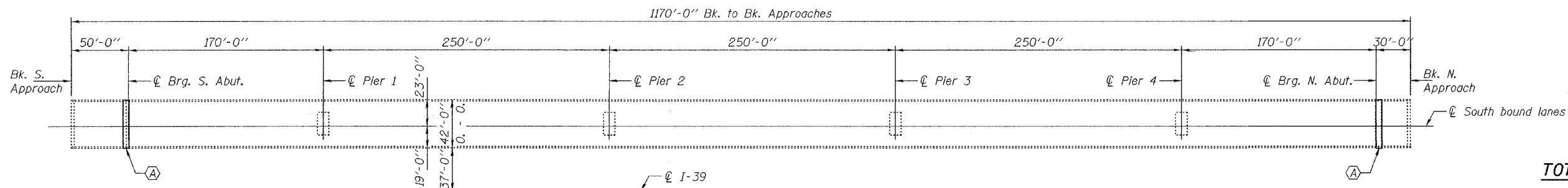
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|-----------------------|----------|-------------------|--------------------|-----------|-------------------------|
| ROUTE NO. | SECTION | COUNTY | STATE | SHEET NO. | SHEET NO. 1 7 SHEETS |
| I-39 | | WINNEBAGO | | 1 | |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT- | CONTRACT NO. 64A86 | | |



ELEVATION

GENERAL NOTES

All structural steel shall conform to AASHTO Classification M-270 Gr. 50, unless otherwise noted.
 Finger Plate Expansion Joints shall be assembled in the proper position with the ends in place and shall be left assembled for shop inspection.
 The finger plates shall be flame cut as provided in Article 505.04(k) of the Standard Specifications.
 Cost of removal and/or re-installation of all members necessary to complete the work as detailed on the plans and as specified in the Special Provisions shall be included in the cost of Furnishing and Erecting Structural Steel.
 All structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Furnishing and Erecting Structural Steel.
 Existing reinforcement extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost shall be included with Concrete Removal.
 Reinforcement bars shall conform to the requirements of AASHTO M 31 or M 322 Grade 60.
 Plan dimensions and details relative to existing structure have been taken from existing plans 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.
 Joint openings shall be adjusted according to Article 503.10(c) of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F.
 The Contractor shall use extreme care during concrete removal so as not to damage the box girder.



PLAN

(A) Existing finger plate joints at each abutment to be removed and replaced.

TOTAL BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|---|---------|----------|
| Concrete Removal | Cu. Yd. | 20.9 |
| Concrete Superstructure | Cu. Yd. | 20.9 |
| Reinforcement Bars, Epoxy Coated | Pound | 4370 |
| Furnishing and Erecting Structural Steel | Pound | 39090 |
| Fabric Reinforced Elastomeric Trough | Foot | 78 |
| Structural Steel Removal | Pound | 23300 |
| Waterproof Membrane Repair | Sq. Yd. | 52 |
| Polymerized Bituminous Concrete Surface Course, Superpave, Mix "E", N90 | Ton | 6 |

| | |
|----------|------------------------|
| DESIGNED | <i>Paul S. Johnson</i> |
| CHECKED | <i>Paul S. Johnson</i> |
| DRAWN | <i>ballva</i> |
| CHECKED | <i>JAB PJS</i> |

MARCH 7, 2005
 EXAMINED *John A. Morris*
 ENGINEER OF STRUCTURAL SERVICES
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES



BRIDGE REPAIRS
 I-39 OVER KISHWAUKEE RIVER
 WINNEBAGO COUNTY
 STA. 2425+00
 SN 101-0133(SB)