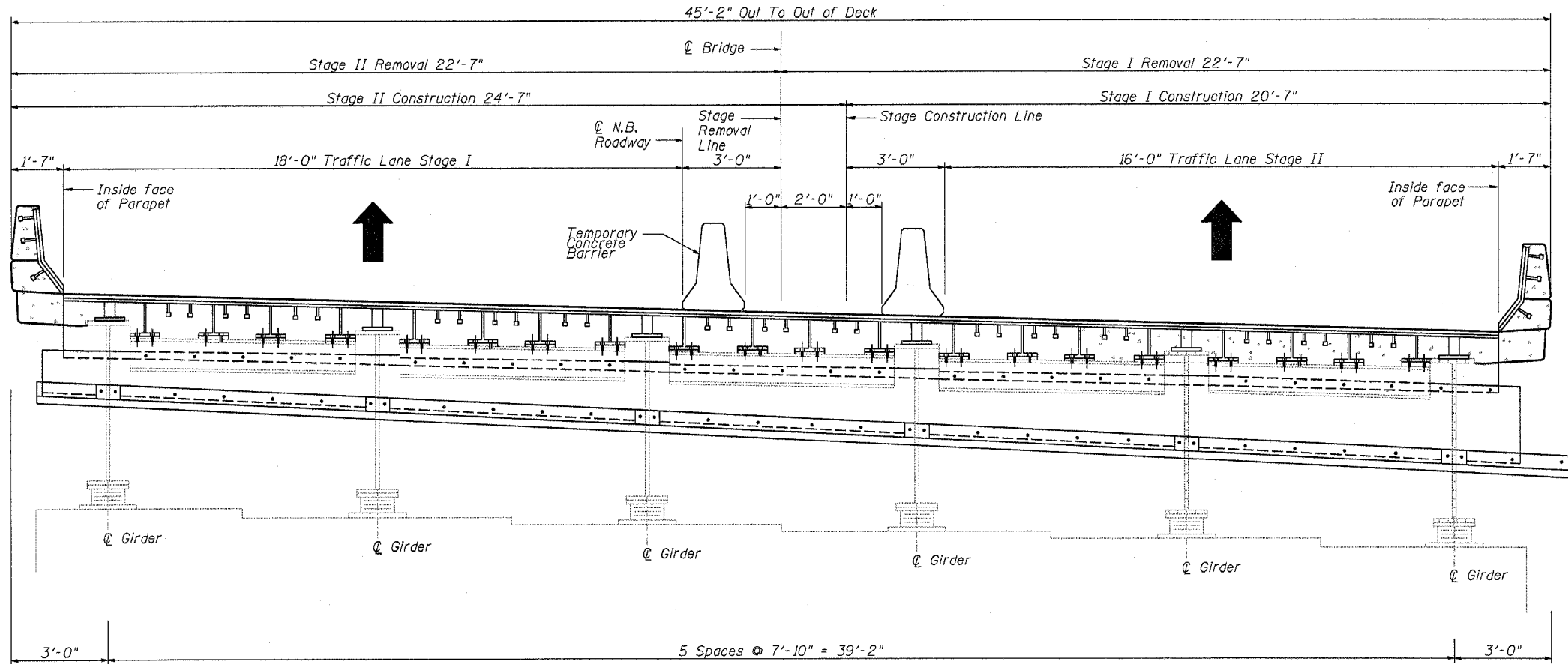


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-37-2BRIM)	HENRY	14	9
STA. 299+94		TO STA. 311+81		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**STAGE CONSTRUCTION DIAGRAM**  
(Looking North)

**GENERAL NOTES**

All new structural steel shall conform to AASHTO M-270 Gr. 50, unless otherwise noted.

All new fasteners shall be high strength bolts. Holes shall be  $\frac{13}{16}$ " diameter for  $\frac{3}{4}$ " diameter bolts, unless otherwise noted. Holes shall be  $\frac{15}{16}$ " diameter for  $\frac{7}{8}$ " diameter bolts, unless otherwise noted.

Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.

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

Finger Plate Expansion Joints shall be assembled in their final relative position with the ends in place for shop inspection and acceptance.

Existing structural steel shall only be cleaned and painted as required by the Special Provisions "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

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 **Finger Plate Expansion Joint, 6"**

All structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with **Finger Plate Expansion Joint, 6"**.

Joint openings shall be adjusted according to Article 520.04 of The Standard Specifications when the deck is poured at an ambient temperature other than 50° F.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

Reinforcement bars designated (E) shall be epoxy coated.

Provide  $\frac{1}{4}$ " normal shim plus one  $\frac{1}{8}$ ", one  $\frac{1}{16}$ ", and one 1" shim for height adjustment under the stools. 1" thick shims are based on field measurements. Contractor shall field verify existing dimensions before ordering the finger plates. Tapered shims shall be added under the stools as required by the Engineer to make a smooth finger joint. Cost shall be included in the cost of "Finger Plate Expansion Joint 6".

Cost for the fabric reinforced elastomeric trough and all associated hardware shall be included in the cost of "Finger Plate Expansion Joint, 6".

REVISIONS	
NAME	DATE
Rev. 1	1-9-07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. ROUTE - 80  
BRIDGE OVER ROCK RIVER  
SECTION: (81-37-2BRIM)  
FINGERPLATE JOINT REPLACEMENT  
S.N. 037-0022  
CONSTRUCTION STAGING  
AND GENERAL NOTES

SCALE: DRAWN BY BM  
DATE 12/22/06 CHECKED BY KW