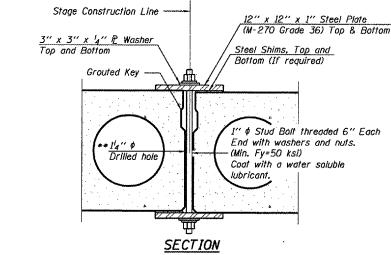
Existing Dowel Rods at Piers 1 & 2 shall be burned off flush with the top of the existing concrete, ground smooth, and sealed with

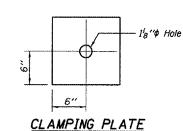
Superstructures.

only.

Permanent Side Retainer to be placed with beam at abutments

epoxy. Cost included with Removal of Existing





- 12" x 12" x 1" Steel Plates at 3'-0" cts. Top and Bott., Each Span

<u>PLAN</u>
\* N = 4 For Spans 1 & 3
N = 6 For Span 2

## SHEAR KEY CLAMPING DETAILS AT STAGE CONST. JT.

Cost included with Precast Prestressed Concrete Deck Beams. See Stage Construction Details for traffic lanes.

\*\* As an alternate to the drilled holes, the Contractor may request the Fabricator to cast 2" diameter semi-circular recesses in the sides of each beam adjacent to the stage construction line. These recesses should align to form a hole at the appropriate locations for the clamping device bolts. If the Contractor elects to use this alternate, the details shall be identified on the shap drawings.

## 21'-0" Stage II Construction 15'-6" Stage II Traffic € F.A.P. 315 (U.S. 136) Stage Construction Line Stage Construction Jt. in Overlay Permanent Side Retainer to be placed with beam at abutments

STAGE II REMOVAL

24'-0" Stage I Removal

—Existing Concrete Wearing Surface (Typ.)

21'-0" Stage I Construction

000000000000000

15'-6" Stage II Traffic

Temporary Concrete Barrier (Typ.)

00100100100100100

Existing Aluminum Railing (Typ.) --

- € F.A.P. 315 (U.S. 136)

© F.A.P. 315 (U.S. 136)

-Stage Construction Line

Notes: All Cross Sections looking East. Hatched area indicates Removal of Existing Superstructures. Cost of removing existing concrete wearing surface, parapet, and aluminum railing are included with Removal of Existing Superstructures. For quantity of Temporary Concrete Barrier see Roadway Plans.

For Temporary Concrete Barrier details see Sheet 4 of 15. For Permanent and Temporary Side Retainer Details see Sheet 14 of 15. STAGE CONSTRUCTION DETAILS F.A.P. ROUTE 315 - (U.S. 136) OVER PRAIRIE CREEK DITCH SECTION 116(BR-1) LOGAN COUNTY STA. 85+45.00

ALLEN HENDERSON & ASSOCIATES, INC.

CONSULTING CIVIL AND STRUCTURAL ENGINEERS SPRINGFIELD, IL. PHONE: (217) 544-8033 IL DESIGN FIRM NO. 184-001907

S.N. 054-0024

STAGE II CONSTRUCTION

13'-9" Stage I Traffic

13'-9" Stage I Traffic

18'-0" Stage II Removal

Temporary Concrete Barrier (Typ.)

3'-0"

Stage Removal Line

STAGE I REMOVAL

STAGE I CONSTRUCTION

3'-0"

Temporary Side Retainer to be

placed with beam at abutments

Stage Removal Line

@ F.A.P. 315 (U.S. 136)-