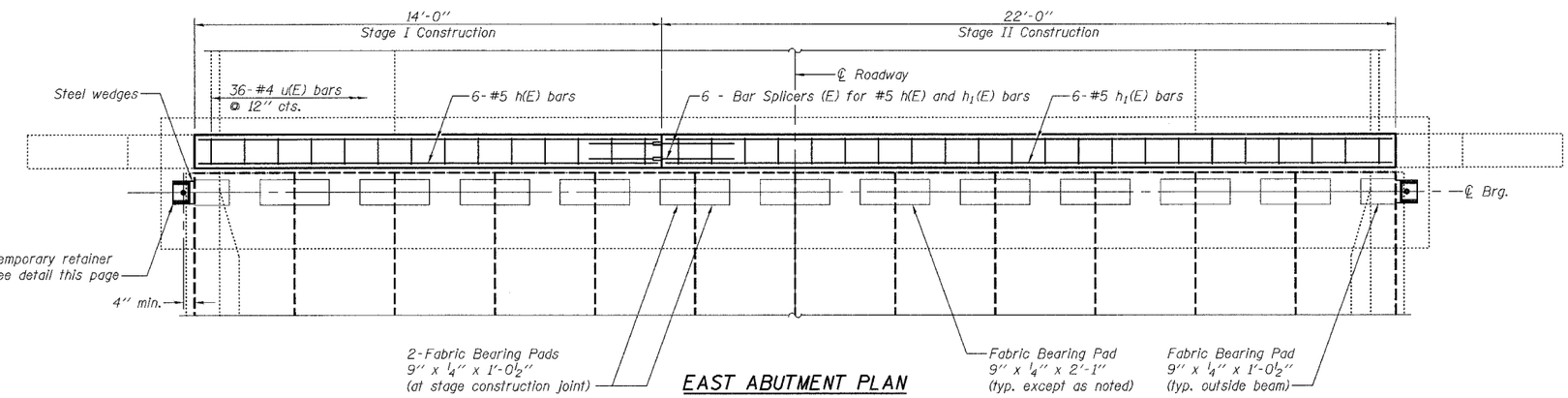
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 55	*	WINNEBAGO	19	52
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

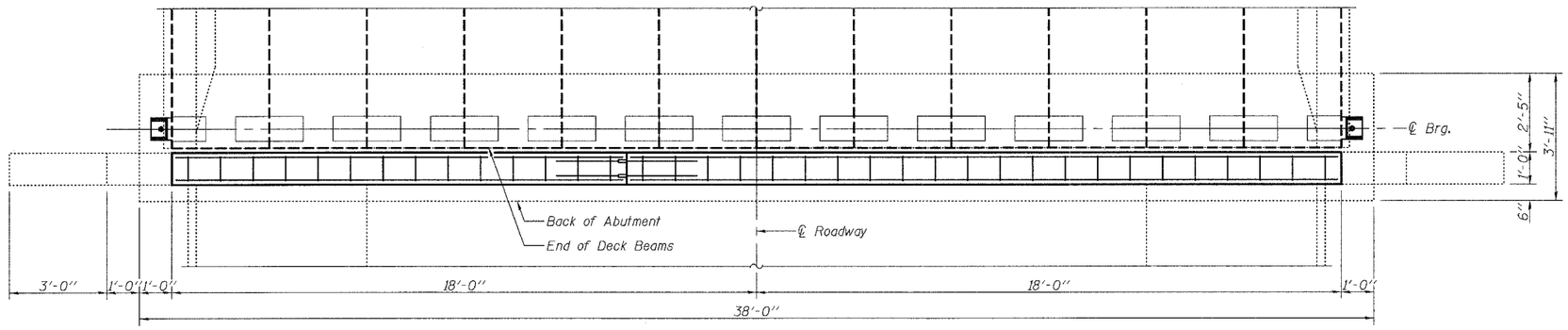
SHEET NO. 8
13 SHEETS

* (102 BR-1, 102 BR-2, 102 BR-3)D
Contract # 64C93



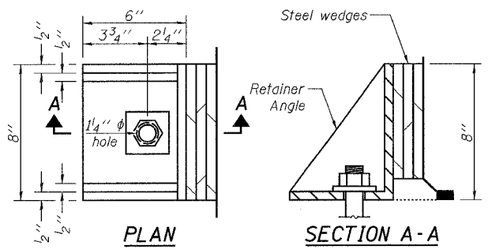
EAST ABUTMENT PLAN

(Concrete wearing surface not shown)
See West Abutment Plan for dimensions



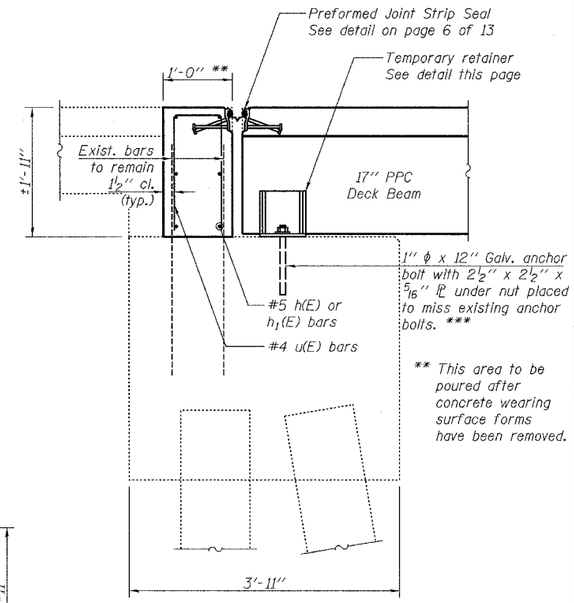
WEST ABUTMENT PLAN

(Concrete wearing surface not shown)
See East Abutment Plan for reinforcement



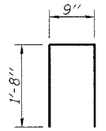
TEMPORARY RETAINER DETAIL

***Anchor bolts or approved threaded rod shall be placed in drilled holes and grouted in place in accordance with Article 584 of the Standard Specifications. Cost of retainer and accessories are included with Precast Prestressed Concrete Deck Beams.



** This area to be poured after concrete wearing surface forms have been removed.

TYPICAL SECTION THRU ABUTMENTS



BAR u(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	12	#5	13'-9"	
h_1(E)	12	#5	21'-9"	
u(E)	72	#4	4'-1"	⊓
Reinforcement Bars, Epoxy Coated			Pound	640
Bar Splicers			Each	12
Concrete Structures			Cu. Yd.	5.1

NOTES

Existing Reinforcement Bars extending into the removal area shall be blast cleaned to gray metal and straightened. Blast cleaning and straightening shall be included with the cost of Removal of Existing Superstructures.

Existing reinforcement bars which have lost 25% or more of their original diameter shall be supplemented by new epoxy coated bars of the same diameter, spliced in place. Furnished and placing supplemental epoxy coated reinforcement bars shall be included with the cost of Reinforcement Bars, Epoxy Coated.

The side retainers shall be galvanized after shop fabrication according to AASHTO M111 and ASTM A 385.

Care shall be exercised by the contractor during and following removal operations to ensure that the existing rebar remaining in place are not damaged. All protruding rebar shall be cleaned, straightened, and properly positioned prior to concrete placement. Any rebar damaged during concrete removal shall be repaired or replaced using an approved Bar Splicer or Mechanical System. Cost included with the cost of Removal of Existing Superstructures.

Install side retainers at each end before grouting the shear keys. After the concrete wearing surface is poured and cured the retainer angles shall be removed. Anchor bolts may be left in place.

rjngroup
Excellence through Ownership
200 West Front Street
Wheaton, Il 60187

ILLINOIS DEPARTMENT OF TRANSPORTATION
ABUTMENTS
IL-70 OVER TRIBUTARY TO PECATONICA RIVER
FAS RTE 55
SECTION (102 BR-1, 102 BR-2, 102 BR-3)D
WINNEBAGO COUNTY
STATION 302+76.80
STRUCTURE NO. 101-0146

DATE: 12/15/2006
DRAWN BY LCM
CHECKED BY BLB

12/14/2006 h:\11179212\structures\101-0146.dgn