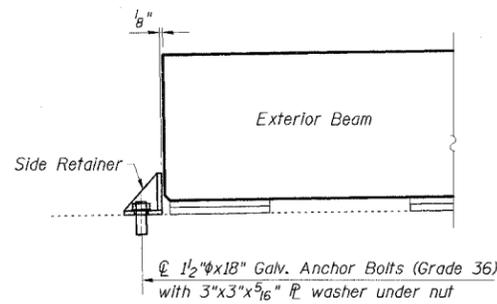
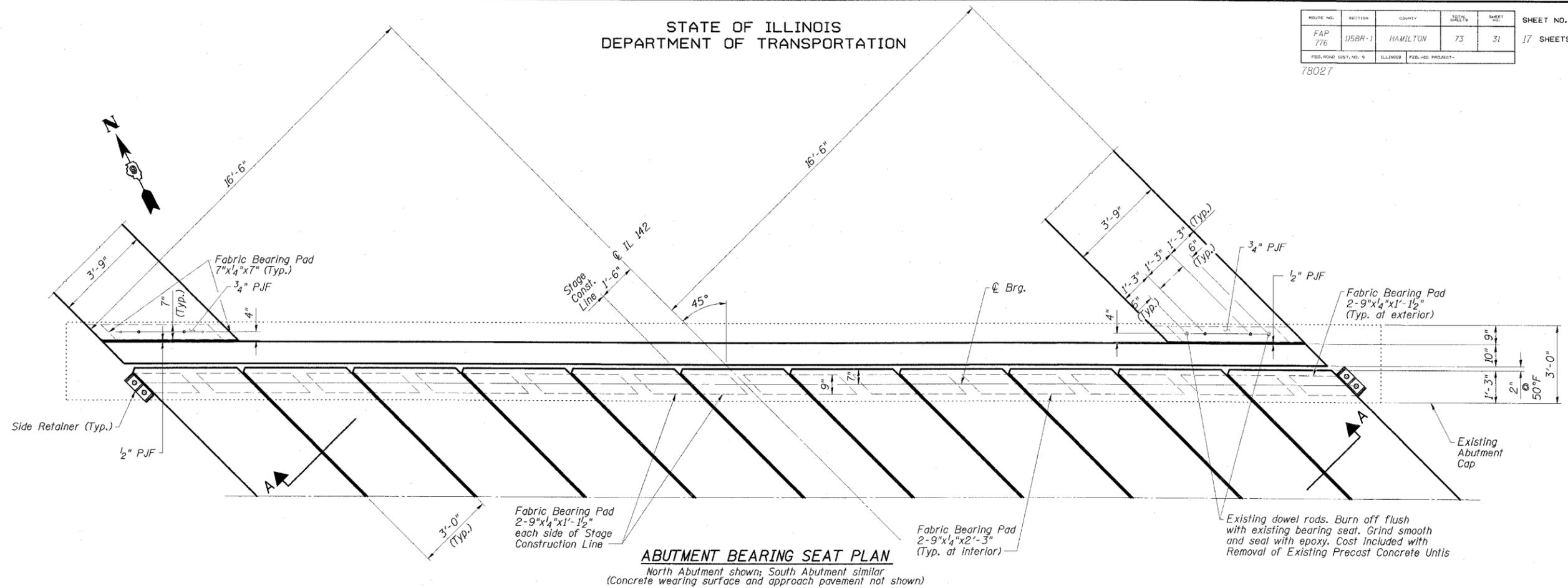


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET	SHEET NO.
FAP 776	115BR-1	HAMILTON	73	31	17 SHEETS
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT-					

78027



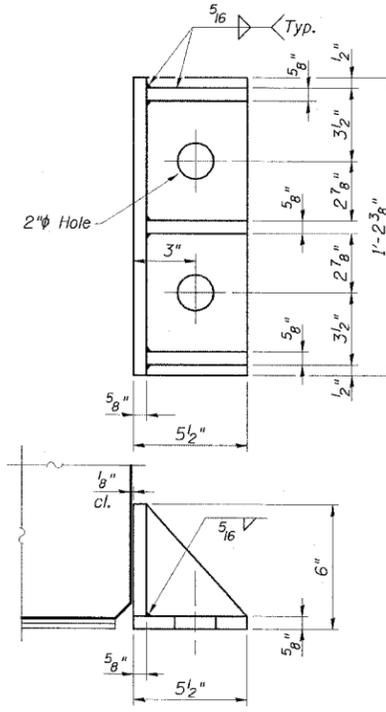
EXTERIOR BEAM RETAINER DETAILS
(4 Required)

Cost of Retainer Angles, Anchor Bolts & accessories are included with Precast Prestressed Concrete Deck Beams.

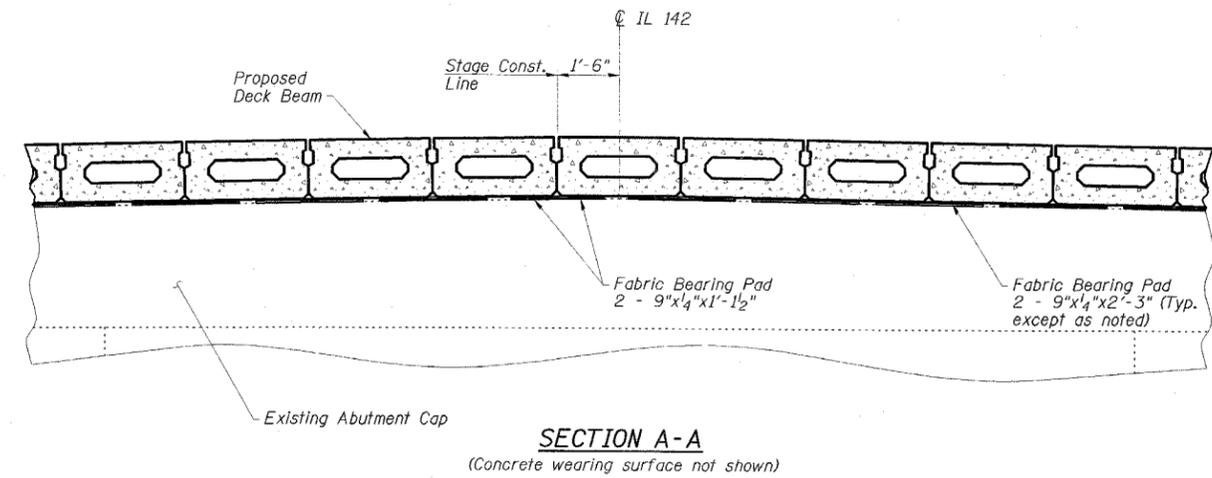
Fill 1/8" gap with shim \bar{r} to provide temporary lateral support until shear keys have been grouted and concrete wearing surface has been placed.

Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.



SIDE RETAINER
Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.



ABUTMENT DETAILS
IL 142 OVER BEAR CREEK
FAP ROUTE 776 - SECTION 115BR-1
HAMILTON COUNTY
STATION 85+05.00
STRUCTURE NO. 033-0016

ESCA
CONSULTANTS, INC.

DESIGNED BY:	DAJ	09/07
DRAWN BY:	HAS	09/07
CHECKED BY:	JMS/ELH	02/08
APPROVED BY:	RDP	02/08