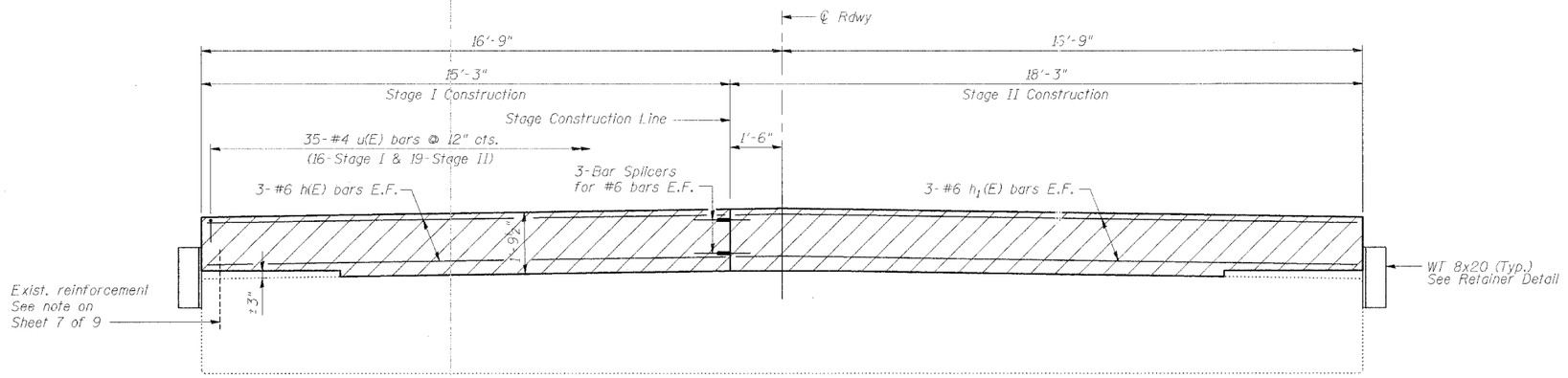
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 840	136 BR-1	IROQUOIS	45	18
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		

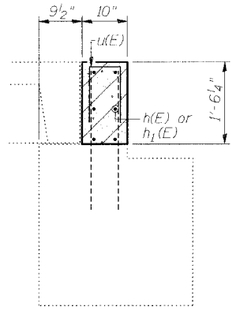
SHEET NO. 8
9 SHEETS

Contract #66668

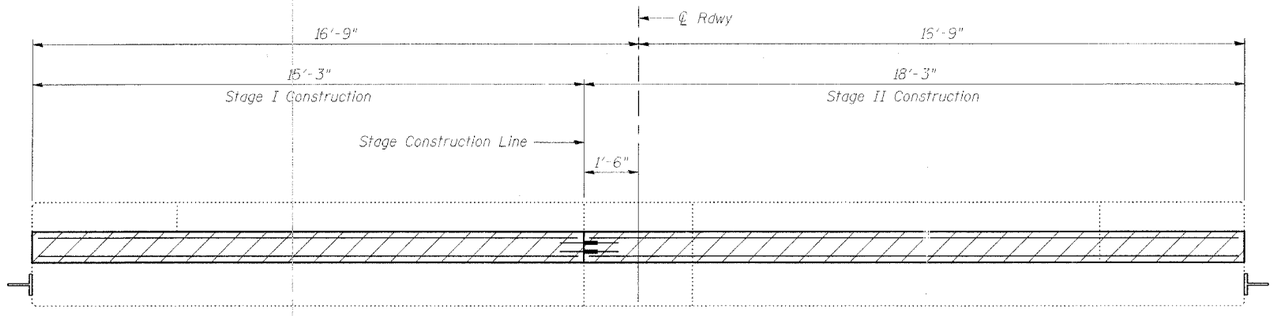
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



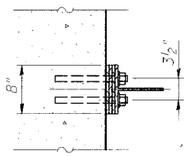
ELEVATION
(Looking North)

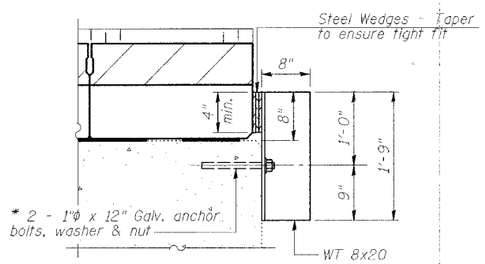


SECTION THRU ABUTMENT



PLAN





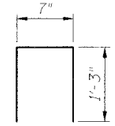
RETAINER DETAIL

* Drill and epoxy grout in accordance with Article 584 of the Standard Specs.

Notes:

Hatched area to be poured after beams are in place. Retainer and shims shall be in-place prior to grouting of shear keys. After blockouts are poured and cured the retainer shall be removed. Anchor bolts may be left in place.

Cost of retainer and accessories is included in the cost of "Furnishing and Erecting Structural Steel".



BAR u(E)

BILL OF MATERIAL
ONE ABUTMENT

Bar	No.	Size	Length	Shape
h(E)	6	#6	15'-0"	——
h_1(E)	6	#6	18'-0"	——
u(E)	35	#4	3'-1"	⊐
Concrete Structures			Cu. Yd.	1.9
Reinforcement Bars, Epoxy Coated			Pound	370
Concrete Removal			Cu. Yd.	1.9

Reinforcement designated (E) shall be epoxy coated.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

NORTH ABUTMENT

FAP ROUTE 840 (IL 49) OVER SHAVETAIL CREEK
SECTION 136 BR-1 IROQUOIS COUNTY
STA. 616+84.00
S.N. 038-0093

SCALE: VERT.
HORIZ.
DATE: 9/27/05

DRAWN BY: WEBERLING
DESIGNED BY: SANFORD
CHECKED BY: TRELLO

GREENE & BRADFORD, INC. OF SPRINGFIELD
CIVIL/STRUCTURAL ENGINEERS
PROFESSIONAL DESIGN FIRM #184-004972
PROFESSIONAL & STRUCTURAL ENGINEERING CORPORATION
217-753-1841; 1-217-753-1837 (FAX) E-Mail: - mail@greenebradford.com

COMPUTER FILE NO.
SN038-0093_AB.dgn

PROJECT 03236 W012
11/3/05-MML

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