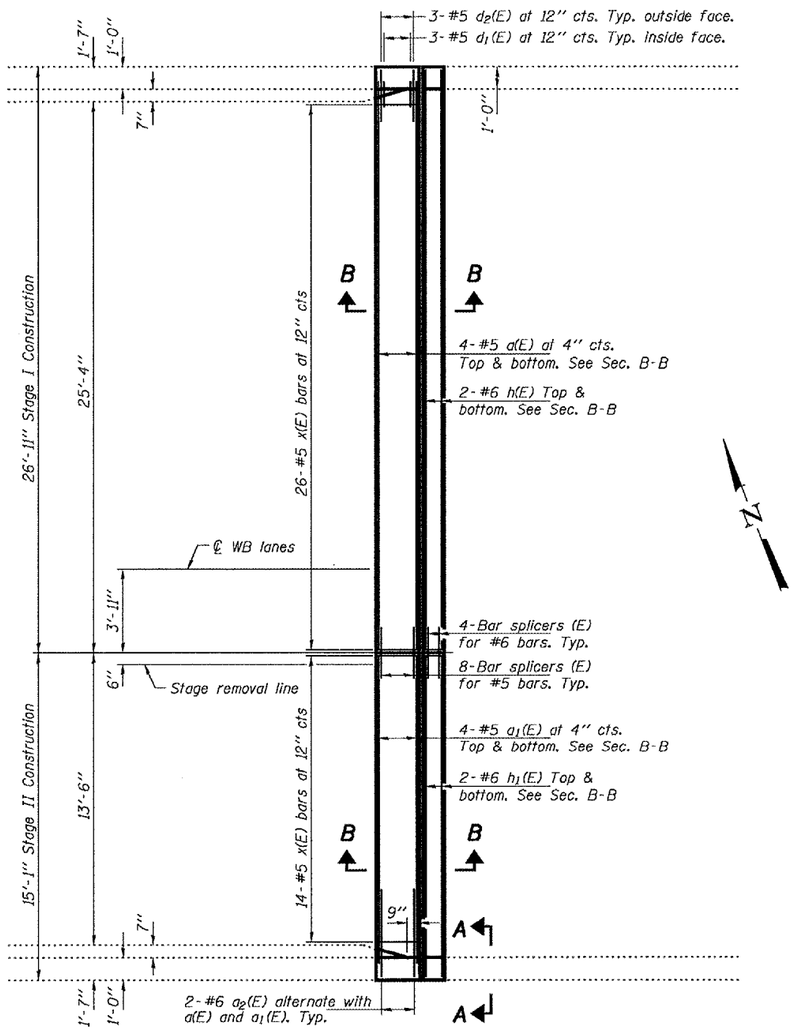
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

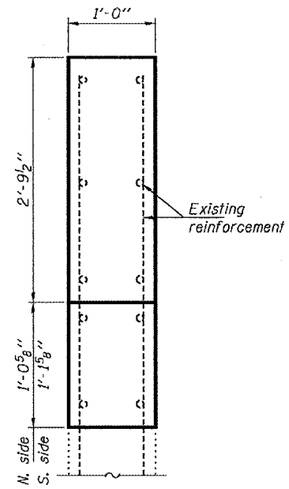
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
US 150/24		PEORIA TAZEWELL	22	20
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 5
7 SHEETS

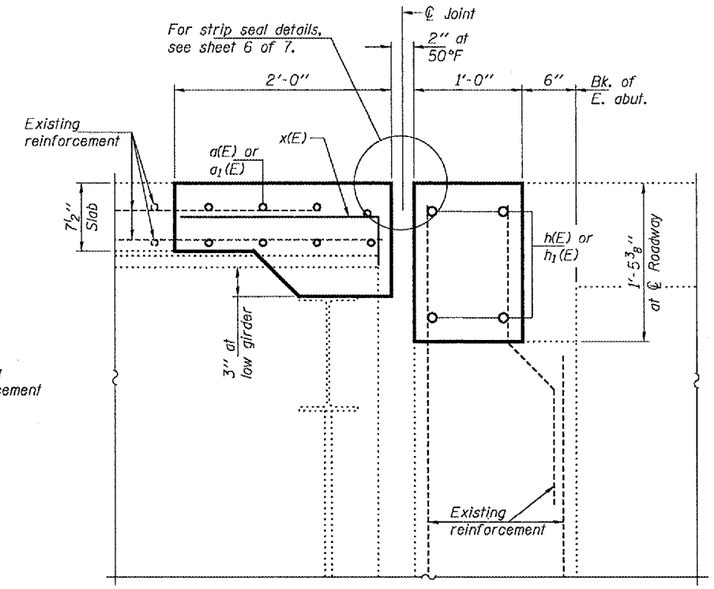
Contract Number: 68695



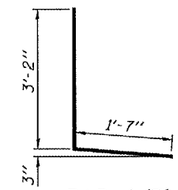
PLAN



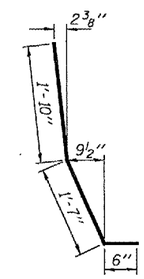
SECTION A-A



SECTION B-B

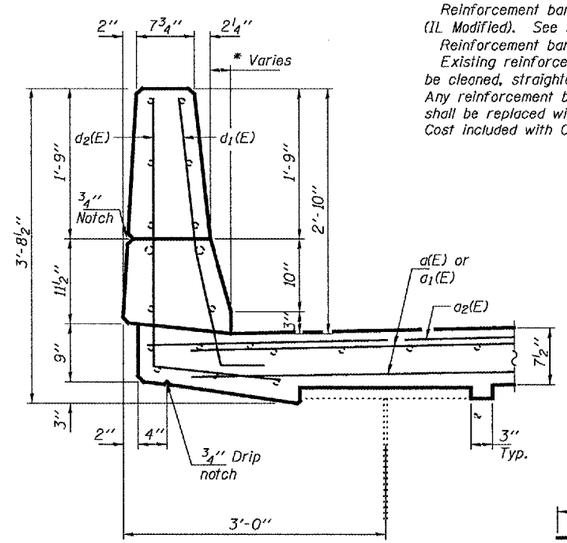


BAR d_2(E)

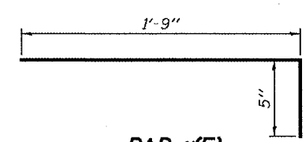


BAR d_1(E)
(Field bend as required)

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
Reinforcement bars designated (E) shall be epoxy coated.
Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.



SECTION THRU PARAPET
* Match existing taper



BAR x(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	8	#5	26'-3"	
a_1(E)	8	#5	14'-5"	
a_2(E)	4	#6	6'-0"	
d_1(E)	6	#5	3'-11"	
d_2(E)	6	#5	4'-9"	L
h(E)	4	#6	26'-7"	
h_1(E)	4	#6	14'-9"	
x(E)	40	#6	2'-2"	
Reinforcement Bars, Epoxy Coated			Pound	810
Concrete Superstructure			Cu. Yd.	5.3
Bar Splicers			Each	12
Protective Coat			Sq. Yd.	15.7

DESIGNED	AJB
CHECKED	SJB
DRAWN	baliva
CHECKED	AJB SJB

APRIL 24, 2007
EXAMINED A. Carl Prugy
REPAIR PLANS UNIT CHIEF
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

EAST ABUTMENT JOINT REPLACEMENT DETAILS
FAP 317
PEORIA/TAZEWELL COUNTIES
SN 090-0115