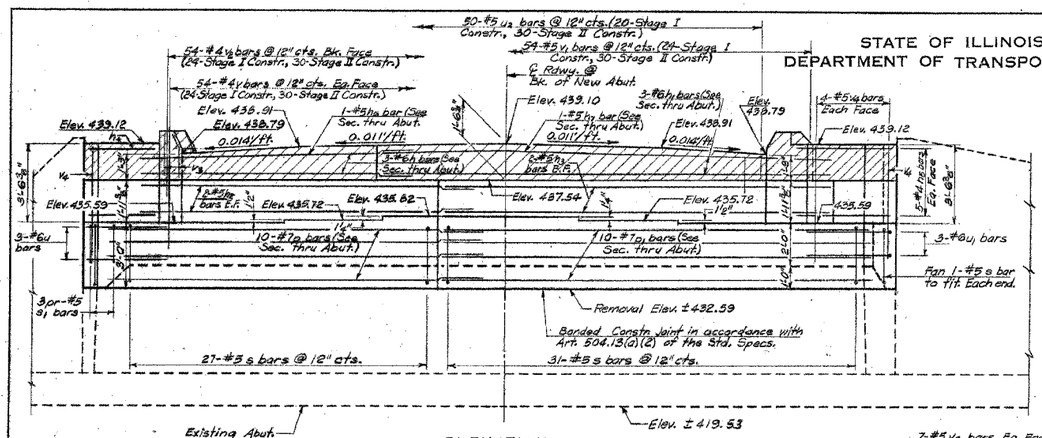
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 116	*	RICHLAND	31	18
STA		TO STA		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		

* D-7 Joint Repairs 2006-3

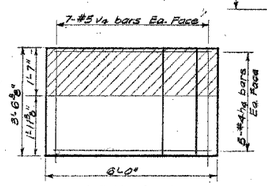
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 116	123BR-3	RICHLAND	18	15
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

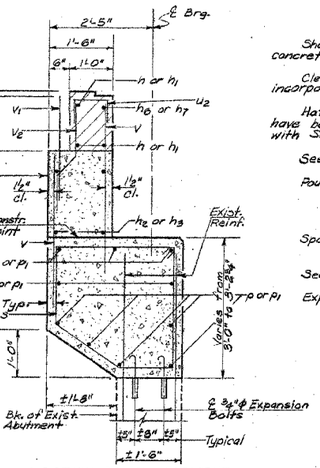
SHEET NO. 11
15 SHEETS



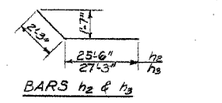
ELEVATION
(Looking South)



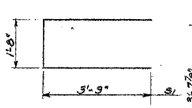
VIEW A-A



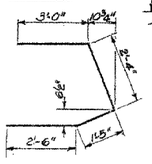
SECTION THRU ABUTMENT



BARS h_2 & h_3

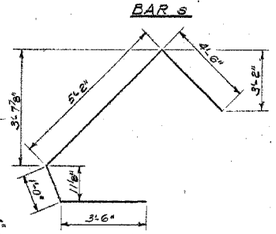


BAR s_1

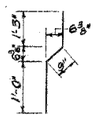


BAR u_1

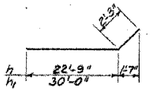
BAR u_2



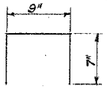
BAR u



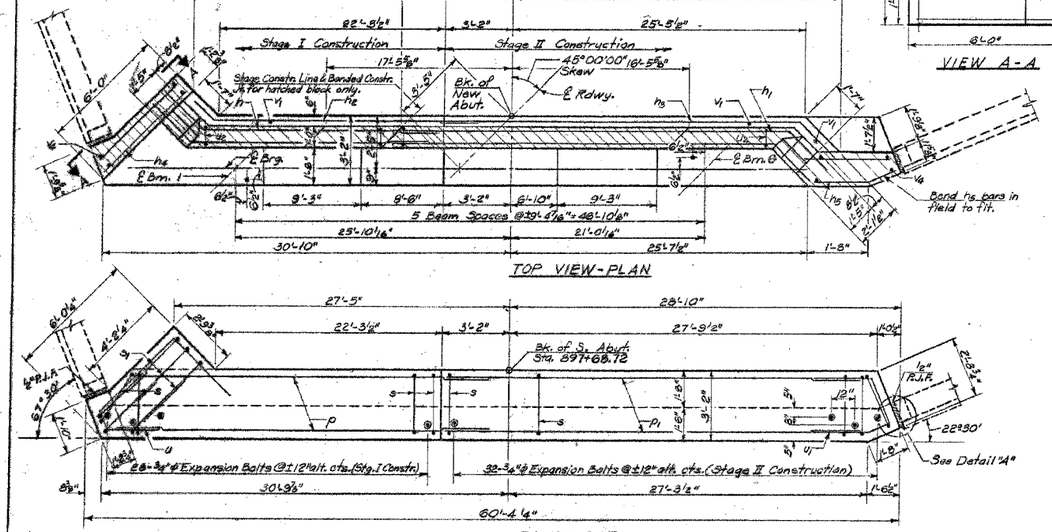
BAR v_2



BARS h & h_1

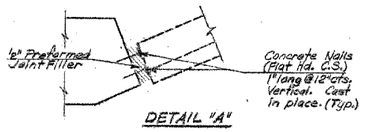


BAR u_2



TOP VIEW-PLAN

PLAN-CAP



DETAIL "A"

DESIGNED Stuart K. Dorman
CHECKED David Burdick
DRAWN E.V. Taylor
CHECKED SKD D.B.

EXAMINED January 25, 1983
PASSED
APPROVED

Notes:

Shoulder transition to wingwall shall be shaped with broken concrete. Cost incidental.

Clean existing reinforcement, cut to fit when necessary, and incorporate into new concrete.

Hatched area to be poured after superstructure forms have been removed. Quantity of Class X Concrete included with Superstructure.

See Sht. #12 for Concrete Removal Details.

Pour steps monolithically with cap.

Space reinforcement in cap to miss Anchor Bolts.

See Sht. #6 for Curb End Details.

Expansion bolts shall be anchored into sound concrete.

MIN. BAR LAPS

#5 bar	1'-9"
#6 bar	2'-0"
#7 bar	2'-6"

SOUTH ABUTMENT
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	3	#6	25'-0"	
h_1	3	#6	32'-3"	
h_2	4	#5	27'-8"	
h_3	4	#5	29'-6"	
h_4	10	#4	3'-2"	
h_5	10	#4	3'-0"	
h_6	1	#8	22'-6"	
h_7	1	#5	30'-0"	
p	10	#7	25'-1"	
p_1	10	#7	30'-6"	
s	60	#5	11'-3"	
s_1	6	#5	9'-2"	
u	3	#6	14'-2"	
u_1	3	#6	9'-3"	
u_2	50	#5	7'-11"	
v	108	#4	3'-8"	
v_1	54	#5	2'-10"	
v_2	54	#4	3'-0"	
v_3	8	#4	2'-2"	
v_4	22	#5	5'-3"	
Class X Concrete			Cu. Yds.	26.5
Expansion Bolts (¾"ø)			Each	60
Reinforcement Bars			Lbs.	3460
Concrete Removal			Cu. Yds.	11.5

SOUTH ABUTMENT
F.A. RTE. 116 SEC. 123BR-3
RICHLAND COUNTY
STA. 897+00.00

FOR INFORMATION ONLY

EXISTING BRIDGE PLANS