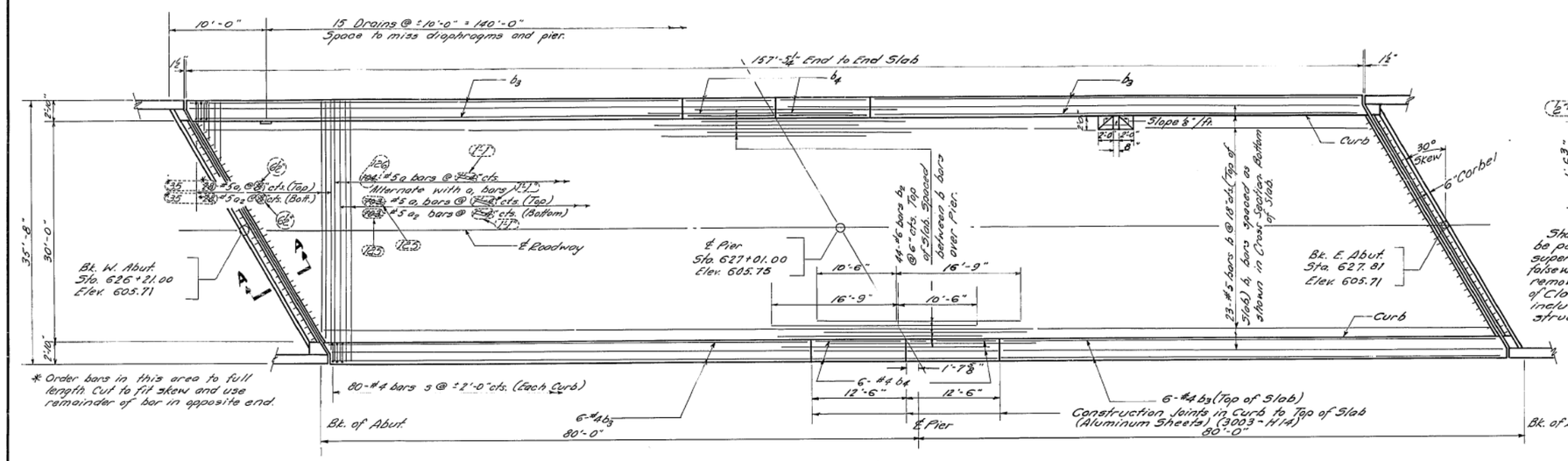
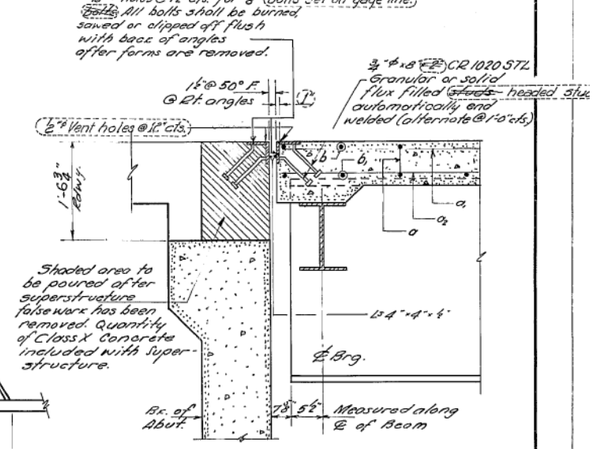
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. 48 F.A.	136BR	Christian	26	7
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

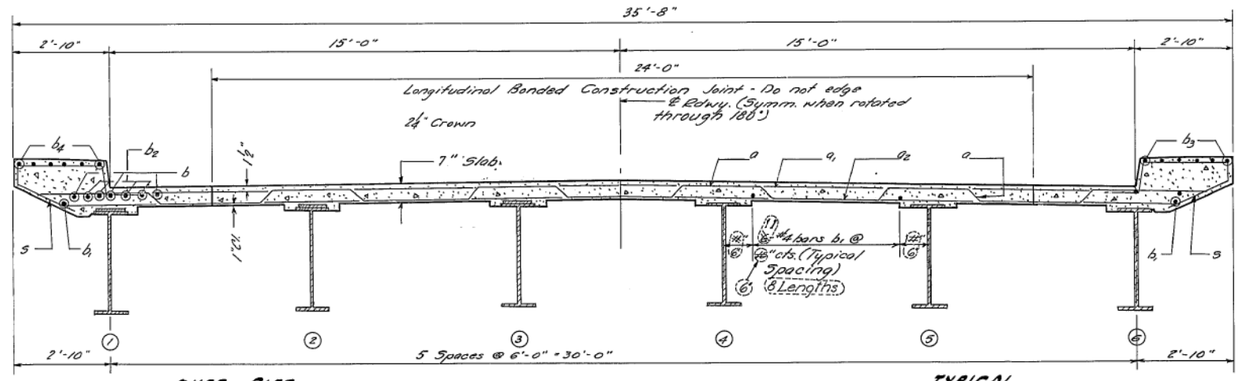
SHEET NO. 2
8 SHEETS



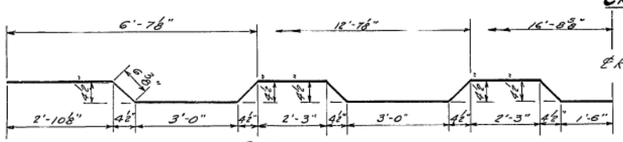
PLAN



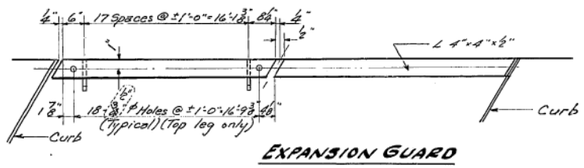
SECTION A-A



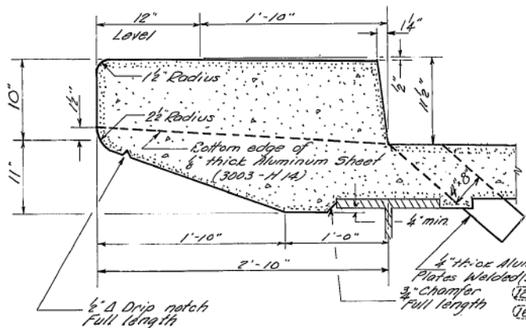
OVER PIER CROSS SECTION TYPICAL



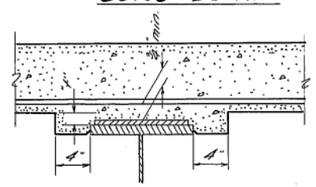
BAR - B



EXPANSION GUARD

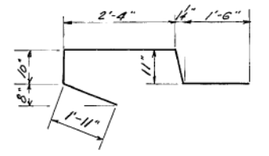


CURB DETAIL



METHOD OF DETERMINING FILLET HEIGHT - ½"

After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals not to exceed 10 ft. from these elevations subtract the increment of deflections for these points, determined from the D.L. Deflection Diagrams. The elevations so obtained, subtracted from the theoretical grade elevations, minus floor thickness, equals the fillet heights above top of beam.



BAR - S

BILL OF MATERIAL

BAR	No.	SIZE	LENGTH	SHAPE
a	704	#5	35'-0"	
a1	732	#5	33'-6"	
a2	731	#5	32'-0"	
	160			
b	115	#5	32'-6"	
b1	286	#4	20'-6"	
b2	44	#6	27'-3"	
b3	72	#4	22'-9"	
b4	24	#4	12'-3"	
s	160	#4	7'-6"	
Class A Concrete		Cu. Yd.	156.8	
Reinforcement Bars		Lbs.	~~29020~~ 29540	
* Structural Steel		Lbs.	209670	
Name Plate		Each	1	

Cost of Aluminum Sheets and drains shall be incidental.

*Weight of bolsters, rockers, bearing plates, lead plates and anchor bolts included as structural steel. Est. Wt: 5070#

DESIGNED	J. T. Pitko	
CHECKED	Worrell	
DRAWN	Brown	
CHECKED		

APRIL 27 1960

EXAMINED V. M. Romine — ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
PASSED E. E. Russ — ENGINEER OF DESIGN
APPROVED D. R. Bartelsmeyer — CHIEF HIGHWAY ENGINEER

SUPERSTRUCTURE
S.B.I. Rt. 48 - Sec. 136-BR
CHRISTIAN COUNTY
STATION 627+01.00

Rev. 2-1-62 - Removed 1-11 on Approaches Rev. 5/3/62 Bottom Slab (Dist steel) changed to #4's. Typical spacing shown. Item chgd. Quantity of #4 bars increased in Bill of Mtl. In Sec 4/A Stools modernized -- D.S.

FOR INFORMATION ONLY

design firm no. 184001036 — whks engineers + planners + land surveyors	USER NAME = $OPERATOR$	DESIGNED - TJZ	REVISED	
	FILE NAME = 0110514-72A61.dgn	CHECKED - CWC	REVISED	
	PLOT SCALE = 0:2.0000 ' / in.	DRAWN - DLH	REVISED	
	PLOT DATE = 8/16/2013	CHECKED - TJZ	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 011-0514
SHEET NO. 27 OF 31 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(4)I; 136B-1	CHRISTIAN	97	67
• 75 (IL 27) & 714 (IL 48)		CONTRACT NO. 72A61		
	ILLINOIS FED. AID PROJECT			