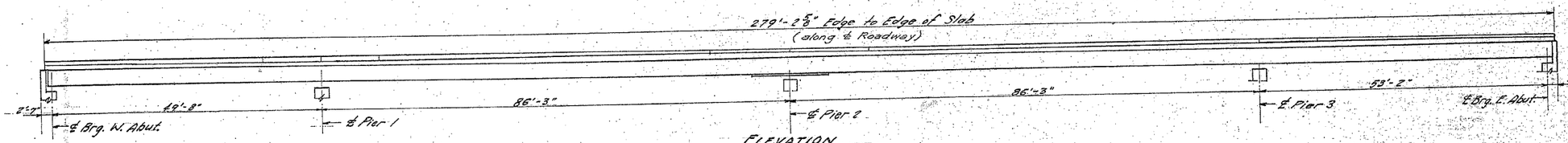
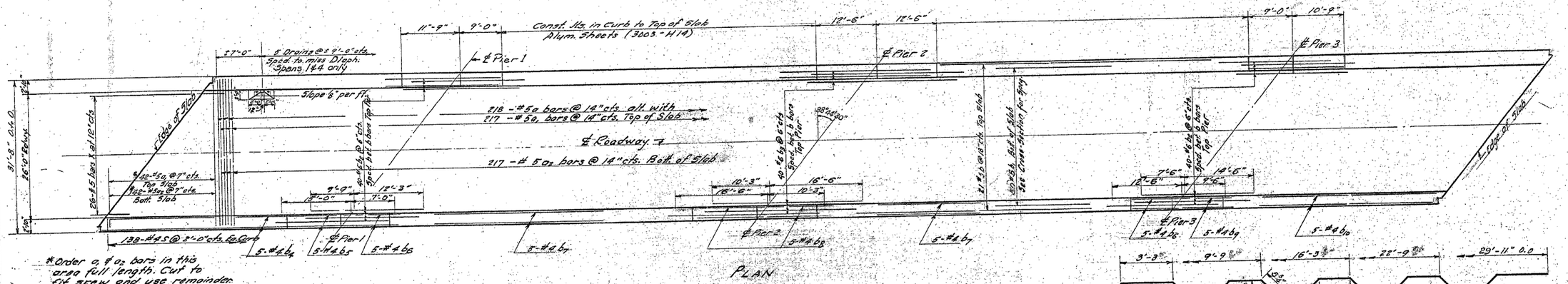
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 244 (06-4HB-1)D		BUREAU	33	22
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 2
18 SHEETS

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



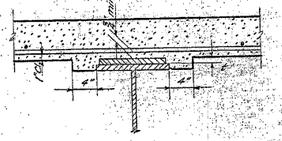
ELEVATION



PLAN

*Order a, #a2 bars in this area full length. Cut to fit skew and use remainder in opposite end.

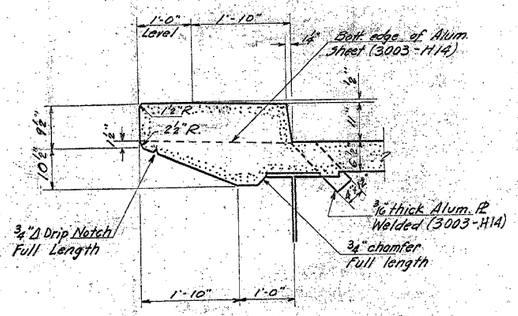
BAR - 8



FILLET DETAIL

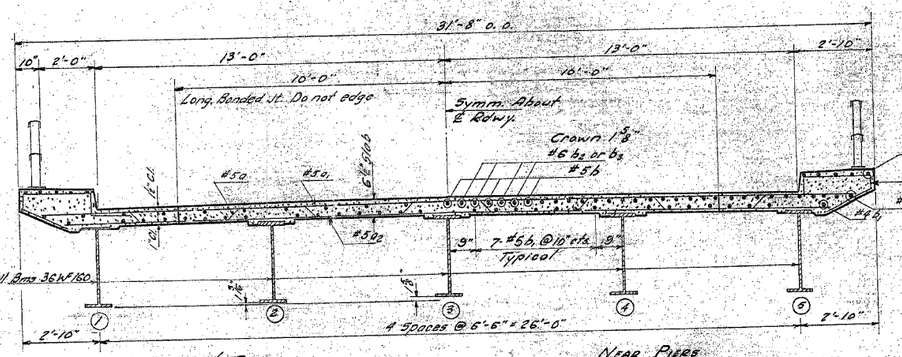
METHOD OF DETERMINING FILLET HEIGHTS "c":

After all Structural Steel has been erected, elevations of the top flanges of the beams shall be taken at the stations shown on Sheet 3. These elevations subtracted from the "theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on Sheet 3, minus floor thickness equals the fillet heights above top of beams.

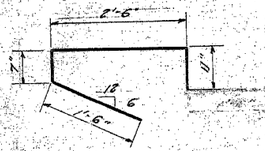


CURB & DRAIN DETAIL

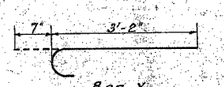
Note: Provide Drains at End Spans only
Cost of drains and alum. sheets incidental



CROSS SECTION



BAR - 5



Bar X

BILL OF MATERIAL

BAR	No.	SIZE	LENGTH	SHAPE
a	218	#5	31'-9"	
a1	259	#5	30'-0"	
a2	259	#5	28'-0"	
X	52	#5	3'-9"	
b	189	#5	32'-0"	
b1	300	#6	29'-0"	
b2	80	#6	22'-0"	
b3	40	#6	26'-9"	
b4	20	#4	20'-5"	
b5	10	#4	11'-6"	
b6	20	#4	8'-9"	
b7	60	#4	22'-0"	
b8	20	#4	12'-3"	
b9	10	#4	10'-6"	
b10	20	#4	22'-3"	
S	276	#4	16'-6"	
Class X Concrete			Cu. Yds.	833.3
Reinforcement Bars			Lbs.	43,780
Structural Steel			Lbs.	260,720

DESIGNED	Quibarell
CHECKED	E. Koward
DRAWN	J. B. Brown
CHECKED	RK.

FEB 18 1961

EXAMINED	W. E. Baumann, ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
PASSED	E. H. Hurst, ENGINEER OF DESIGN
APPROVED	R. R. Bartelsmeyer, CHIEF HIGHWAY ENGINEER

Revised 11/15/61 to PLAN and [illegible]

* FOR INFORMATION ONLY

SUPERSTRUCTURE

F.A.I. RT. 80 SEC. 06-4HB-1
BUREAU COUNTY
STA. 1038 + 66.70 (F.A.I.)