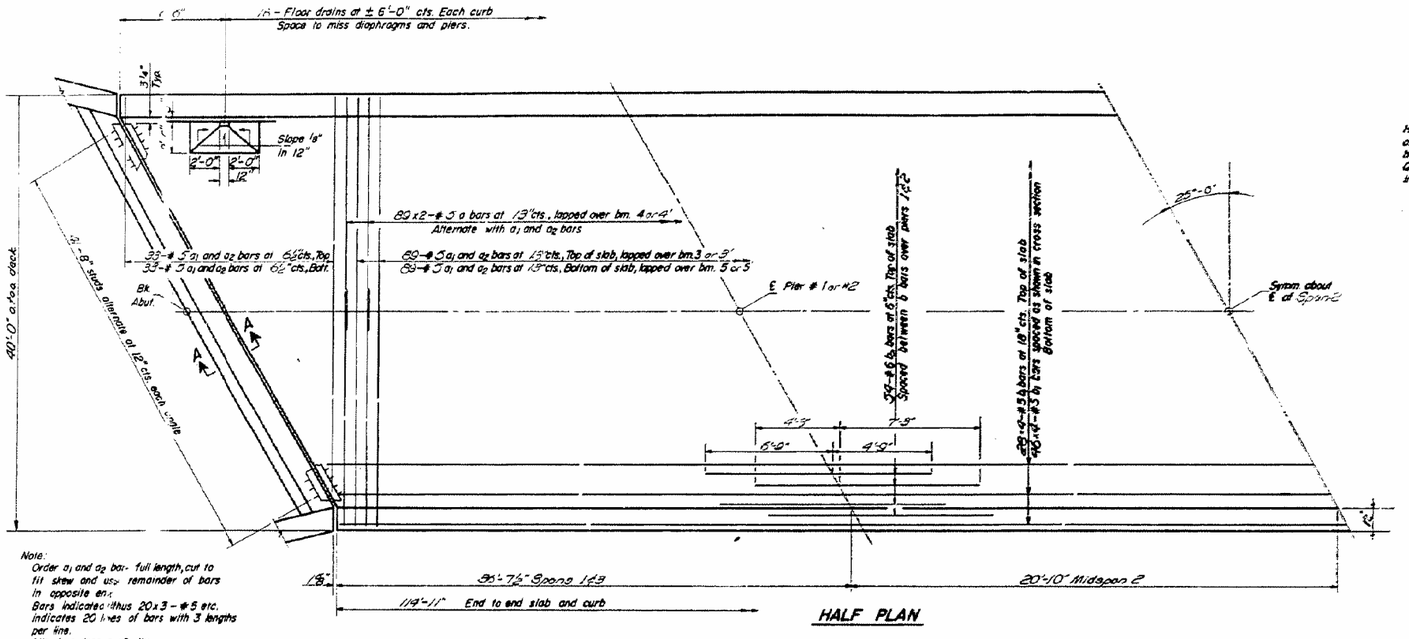
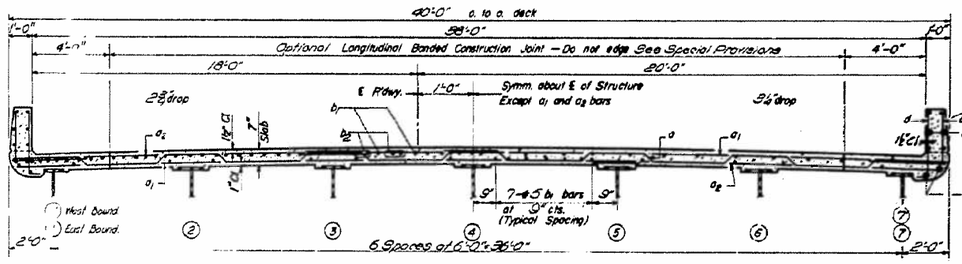
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

FAP 13	8-28	CLAY	24	6	SHEET NO. 2 / 11 SHEETS

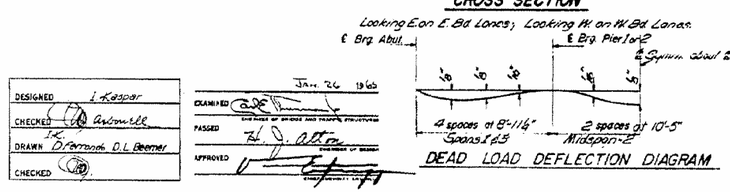


HALF PLAN

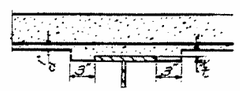


NEAR PIERS — NEAR MIDSPAN

CROSS SECTION



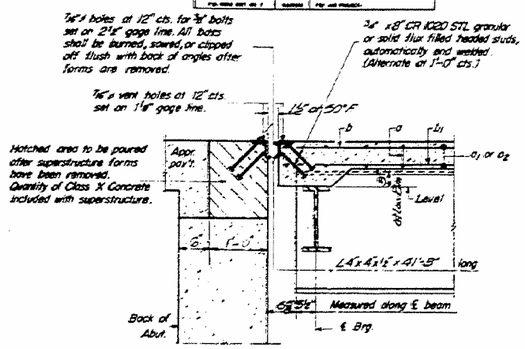
DEAD LOAD DEFLECTION DIAGRAM



STANDARD FILLET DETAIL

Method of Determining Fillet Height "f":
After the Structural Steel has been erected, elevation of the top flanges of the beams shall be taken at intervals not to exceed 10 feet. From these elevations subtract the increment of deflection for these points determined from the Dead Load Deflection Diagram. The elevations so obtained, subtracted from the Top of Slab elevations minus the floor thickness equals the fillet heights above top of

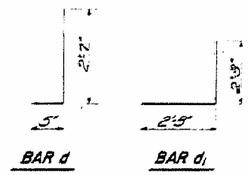
I-7-R (>15°) 11-15-62



SECTION A-A

Beams	Elevation
1 - 1'	447.791
2 - 2'	447.918
3 - 3'	447.997
4 - 4'	448.015
5 - 5'	447.976
6 - 6'	447.854
7 - 7'	447.759

TOP OF SLAB ELEVATIONS
At ALL POINTS

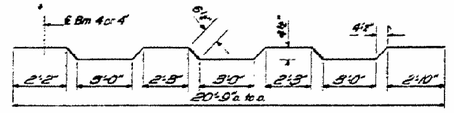


BAR d — BAR d_1

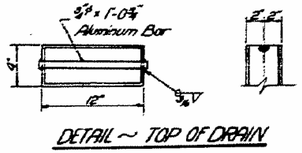
E.B. & W.B. LANES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	356	#3	21'-8"	
a_1	458	#5	26'-9"	
a_2	498	#5	14'-9"	
b_1	592	#5	29'-6"	
b_2	218	#6	11'-5"	
d	388	#3	3'-0"	
d_1	460	#3	4'-8"	
e	96	#5	18'-0"	
e_1	48	#5	20'-5"	
Class 'X' Concrete			Cu. Yd.	2530
Reinforcement Bars			Lbs.	51970
Structural Steel			Lbs.	185860

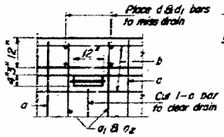
* Weight of bearing assemblies with lead plates and anchor bolts are included as structural steel.
Est. Wt. = 12,540 Lbs



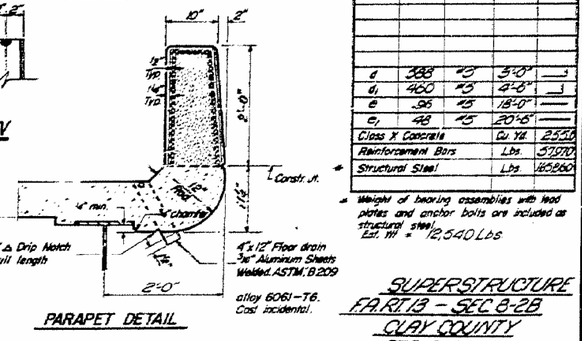
BAR a



DETAIL ~ TOP OF DRAIN



TYP. DETAIL AT DRAIN



PARAPET DETAIL

SUPERSTRUCTURE
F.A.P. RT. 13 - SEC 8-28
CLAY COUNTY
STA 801+80

• F.A.P. RTE. 327 & F.A.S. RTE. 1720
•• RICHLAND & CLAY

FILE NAME = c:\pw_work\pwidot\steffenmk\d0403552\D774698-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	
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Default	PLOT DATE = 8/12/2014	CHECKED -	REVISED -	
		DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN
STRUCTURES 013-0002 & 0003

SCALE: N/A | SHEET 9 OF 10 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	07 BRIDGE PAINTING 2015-2	••	15	13
		CONTRACT NO. 74698		
		ILLINOIS FED. AID PROJECT		