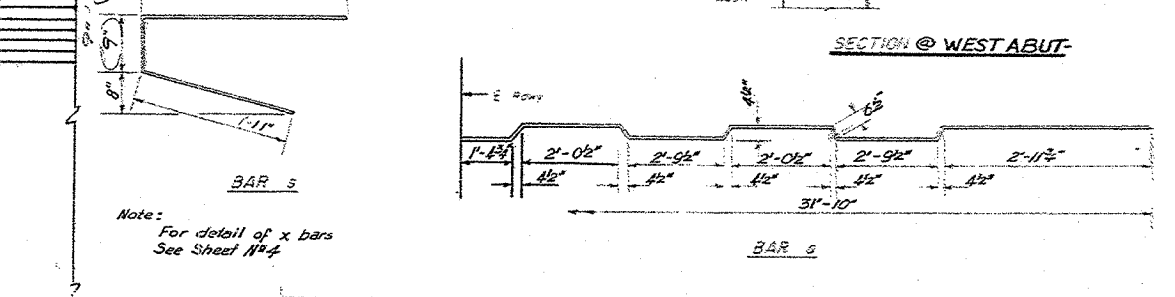
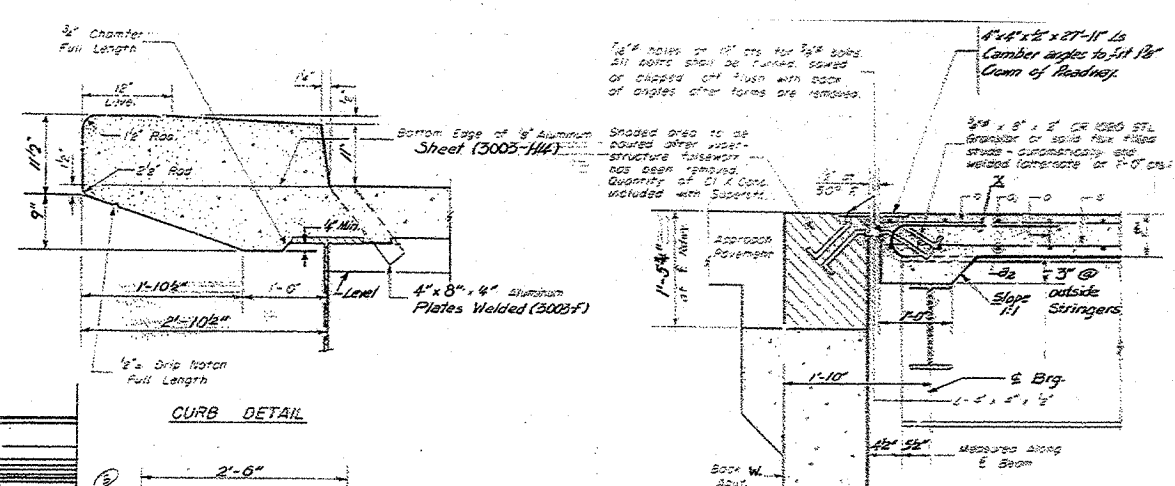
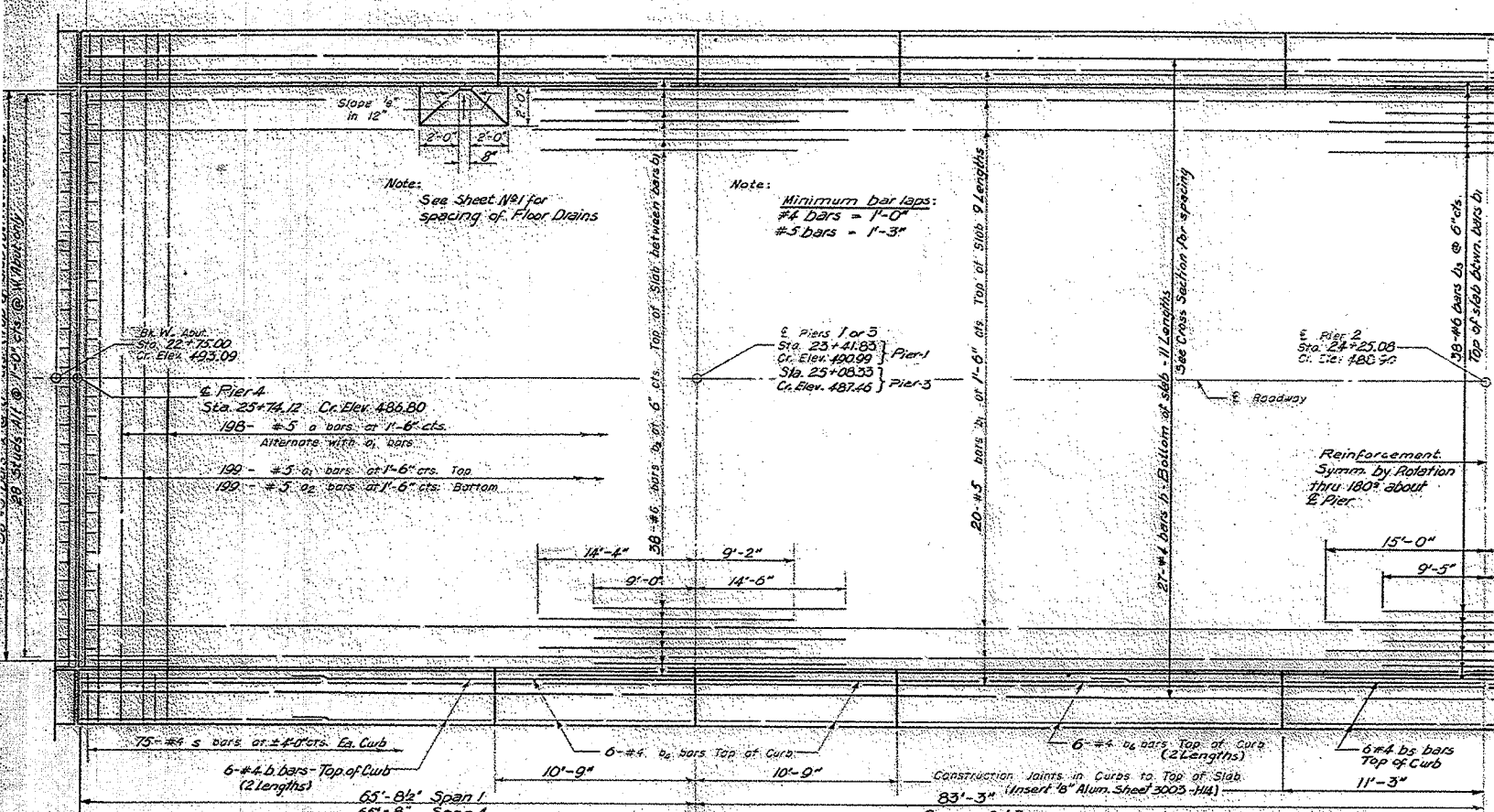
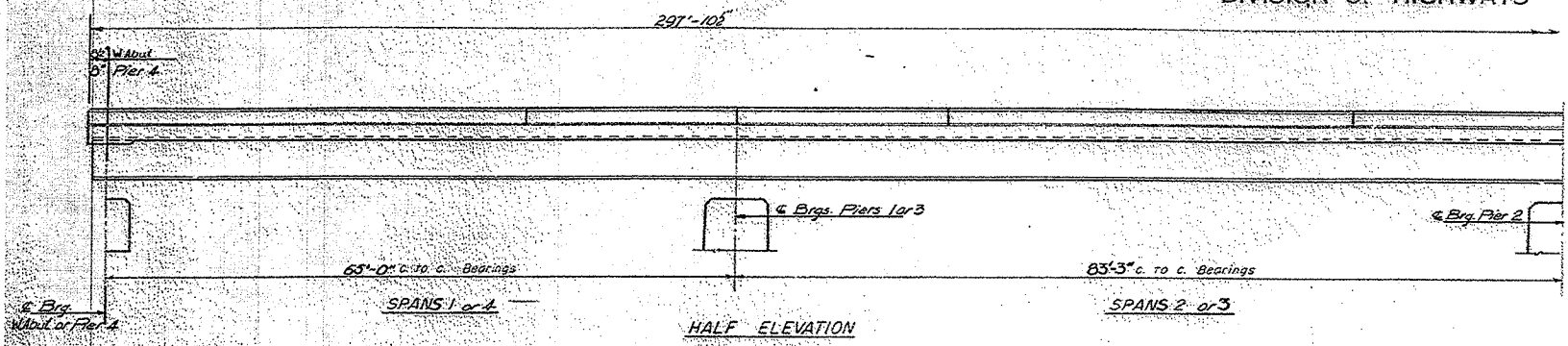


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	1BR	LASALLE	69	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

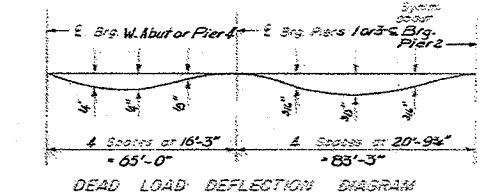
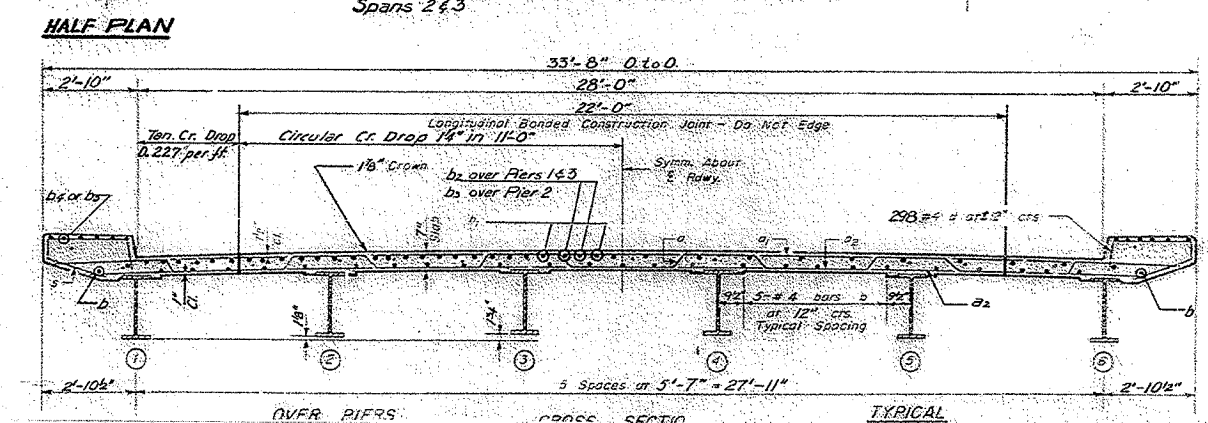


METHOD OF DETERMINING FILLET HEIGHT "f"
After all Structural Steel has been erected elevations of the top flanges of the beams shall be taken at intervals not to exceed 10'-0". From these elevations subtract the increment of deflections for mass beams, determined from the D.L. Deflection Diagram. The elevations so obtained subtracted from the theoretical grade elevations, minus floor thickness, equals the fillet heights above top of beam.

BILL OF MATERIAL

Qty	No.	Size	Length	Weight
3	198	#5	37'-6"	
6	199	#5	32'-6"	
2	199	#5	30'-10"	
1	345	#4	28'-0"	
1	180	#5	34'-3"	
1	76	#6	25'-6"	
1	38	#6	25'-5"	
1	48	#4	10'-0"	
1	24	#4	11'-0"	
1	45	#4	31'-0"	
1	396	#4	1'-0"	
1	150	#4	5'-7"	
1	76	#5	3'-9"	C
Class x Concrete			Cub. Vol.	2653
Reinforcement Bars			Lb.	33720

Note: For detail of expansion device at Pier 4 See sheet No. 4



DESIGN STRESSES
 Ts = 18,000 Structural Steel
 Ts = 20,000 Reinforcement
 Fc = 1,400 Superstructure
 Fc = 1,400 Substructure
 n = 10

SUPERSTRUCTURE - SPANS 1, 2, 3 & 4
EA. RTE. 8 - SEC. 1B-R-1F-R
LA SALLE COUNTY
STA. 25+60

DESIGNED: J. J. ...
 CHECKED: Abraham, G. Beck
 DRAWN: W. A. ...
 CHECKED: Abraham, G. Beck

EXAMINED: ...
 PASSED: ...
 APPROVED: R. H. ...

MAY 12 19 57

PLAT DATE = 9/12/2885
 FILE NAME = #FILE#
 USER NAME = #USER#

EXISTING STRUCTURE