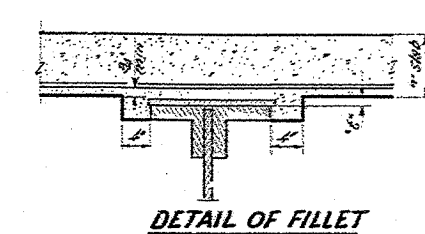
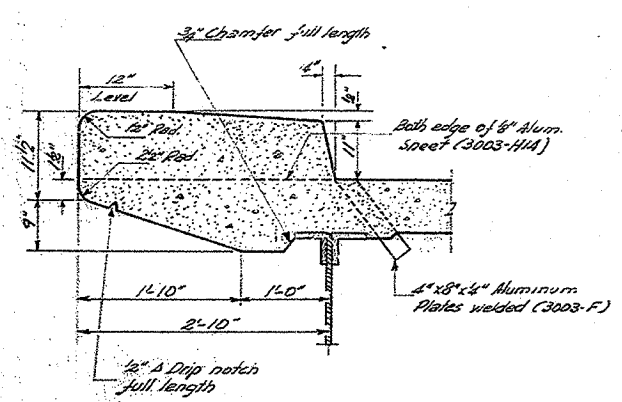
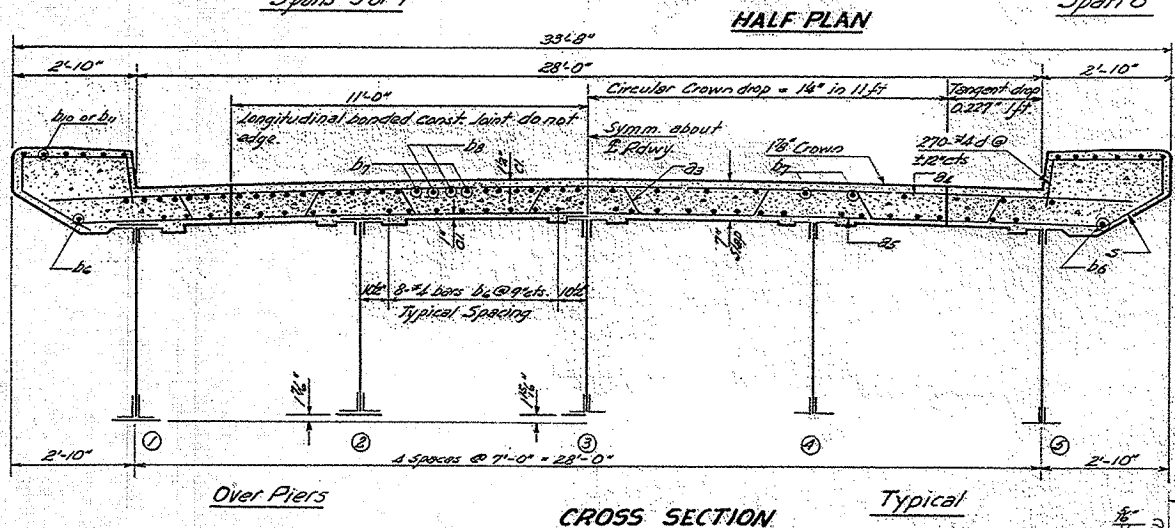
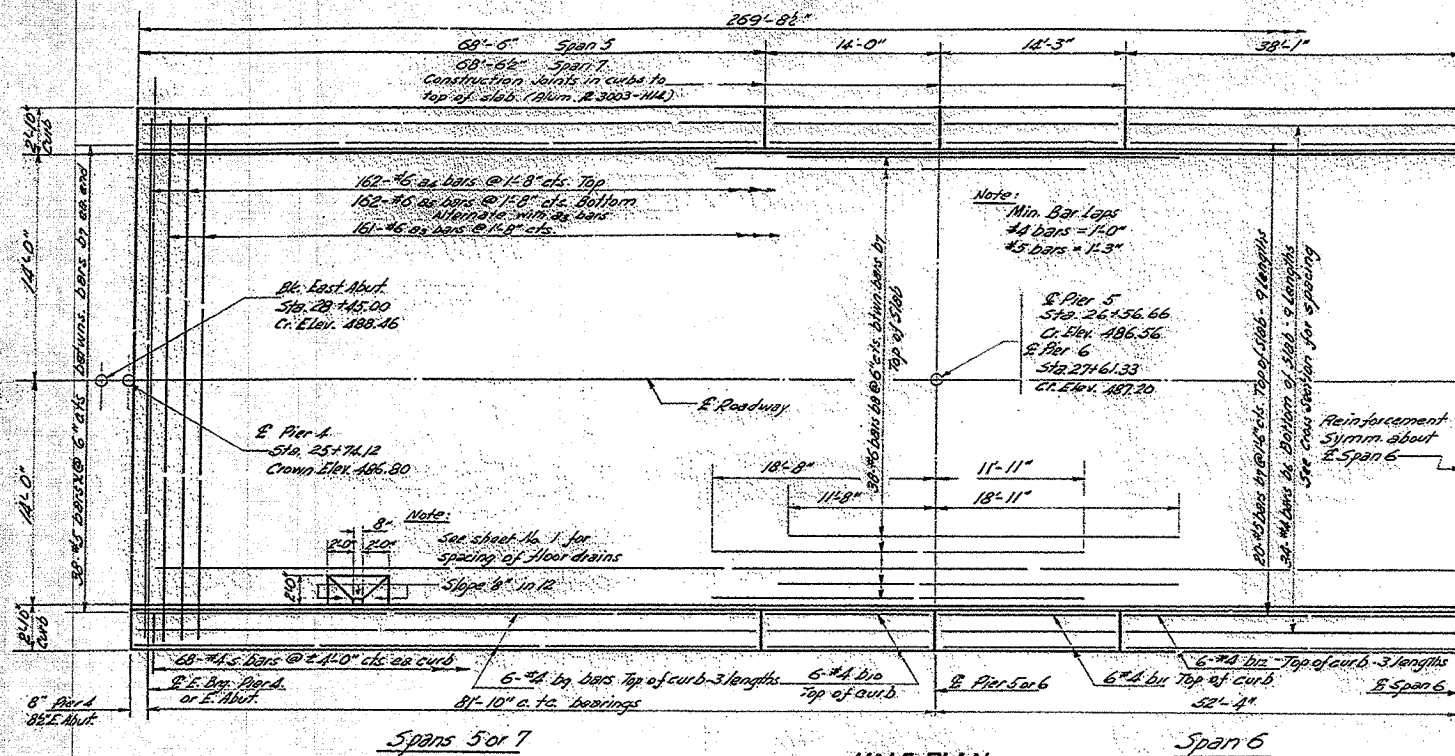
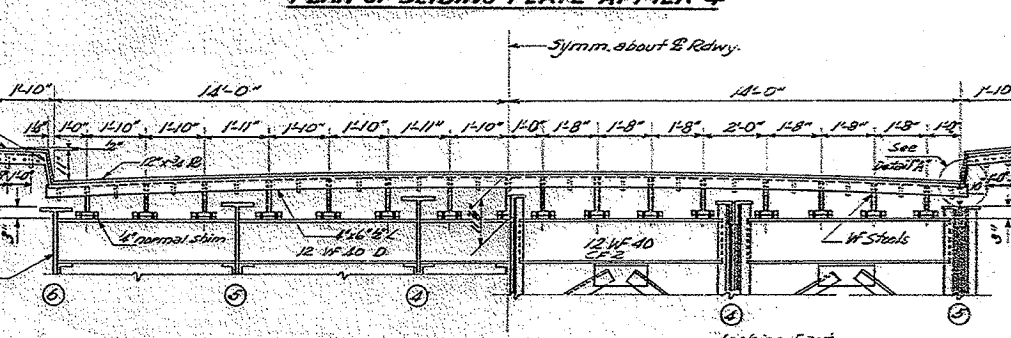
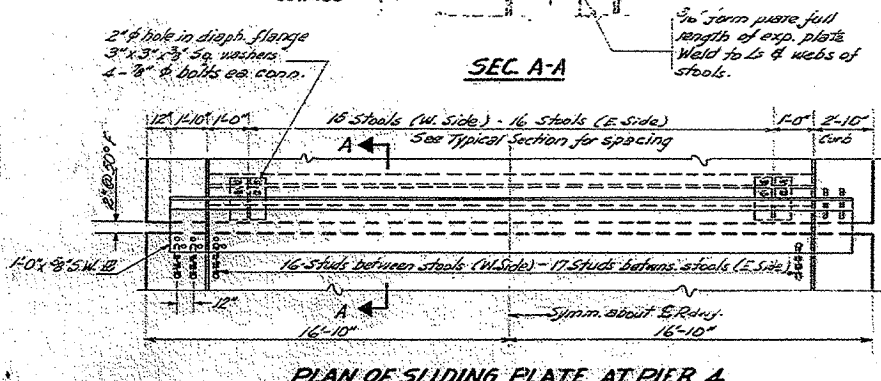
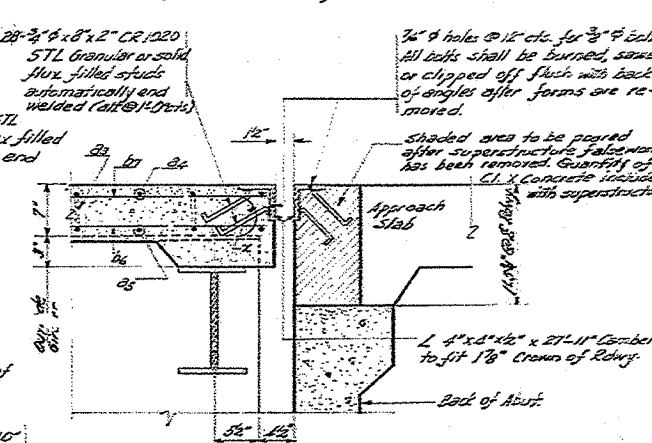
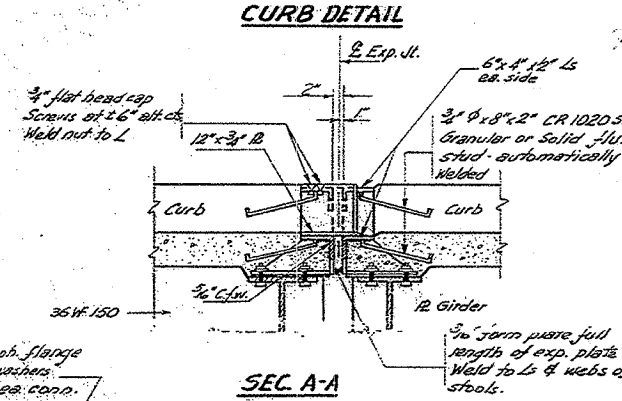


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

CONTRACT NO. 66556	
F.A.P. RTE. 627	SECTION 1BR
COUNTY LASALLE	TOTAL SHEETS 69
SHEET NO. 51	
STA. TO STA.	
FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT



METHOD OF DETERMINING FILLET HEIGHT "t"
Fillet height "t" for Plate Girder is the difference between shop camber chord and theoretical camber curve as shown in Camber Diagram.

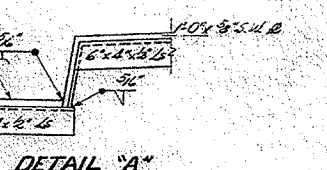
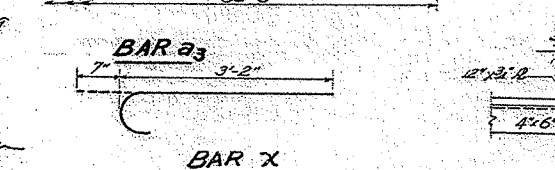


BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
a1	161	#6	33'-5"		
a2	162	#6	32'-0"		
a3	162	#6	30'-9"		
b1	306	#4	31'-0"		
b2	180	#5	31'-3"		
b3	76	#6	30'-7"		
b4	72	#4	23'-6"		
b5	24	#6	13'-9"		
b6	24	#6	16'-0"		
b7	36	#4	26'-0"		
d	540	#4	1'-5"		
s	106	#4	5'-2"		
x	76	#5	3'-9"		
Class X Concrete				Cu 162	753.6
Reinforcement bars				Lbs	42210

DESIGNED: J. Manzano
CHECKED: J. Kellogg
DRAWN: J.A.P. - A. Barrera
CHECKED: J.K.

EXAMINED: May 12 1959
PASSED: [Signature]
APPROVED: R.H. [Signature]



Looking West
Looking East

Notes:
Camber slide R. & angles to fit 18" crown of roadway
Stools to be cut from 21 W 62 (One cut two)
Provide 1/8" x 1-1/4" Shim Plates for 50% of the stools.

SUPERSTRUCTURE SPANS 5, 6 & 7
EA RTE. 8 SEC. 1B-R&F-R
LA SALLE COUNTY
STA. 25+60

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

EXISTING STRUCTURE