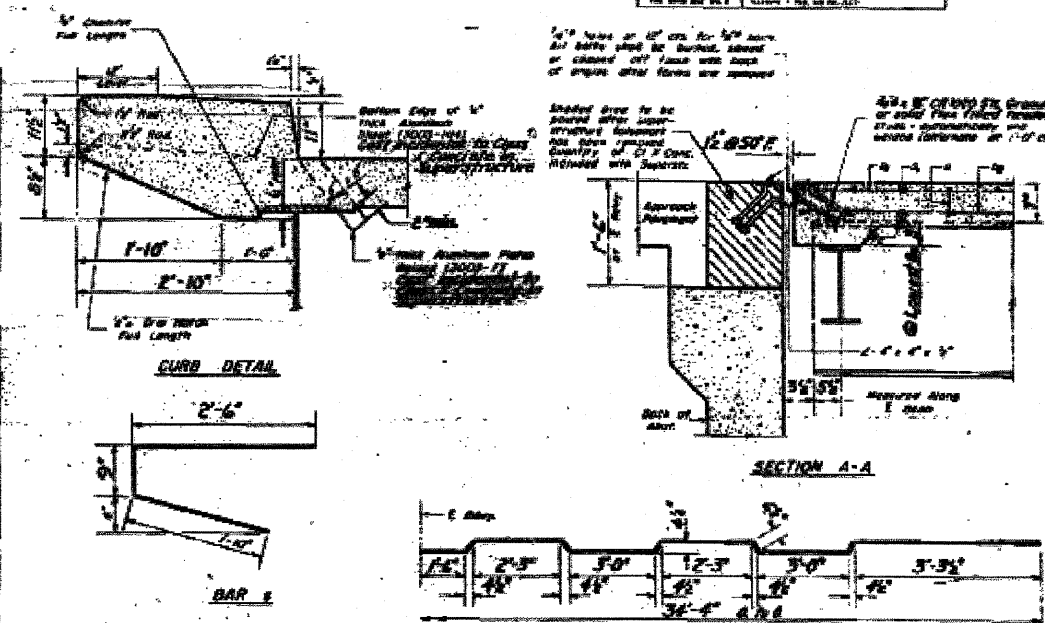
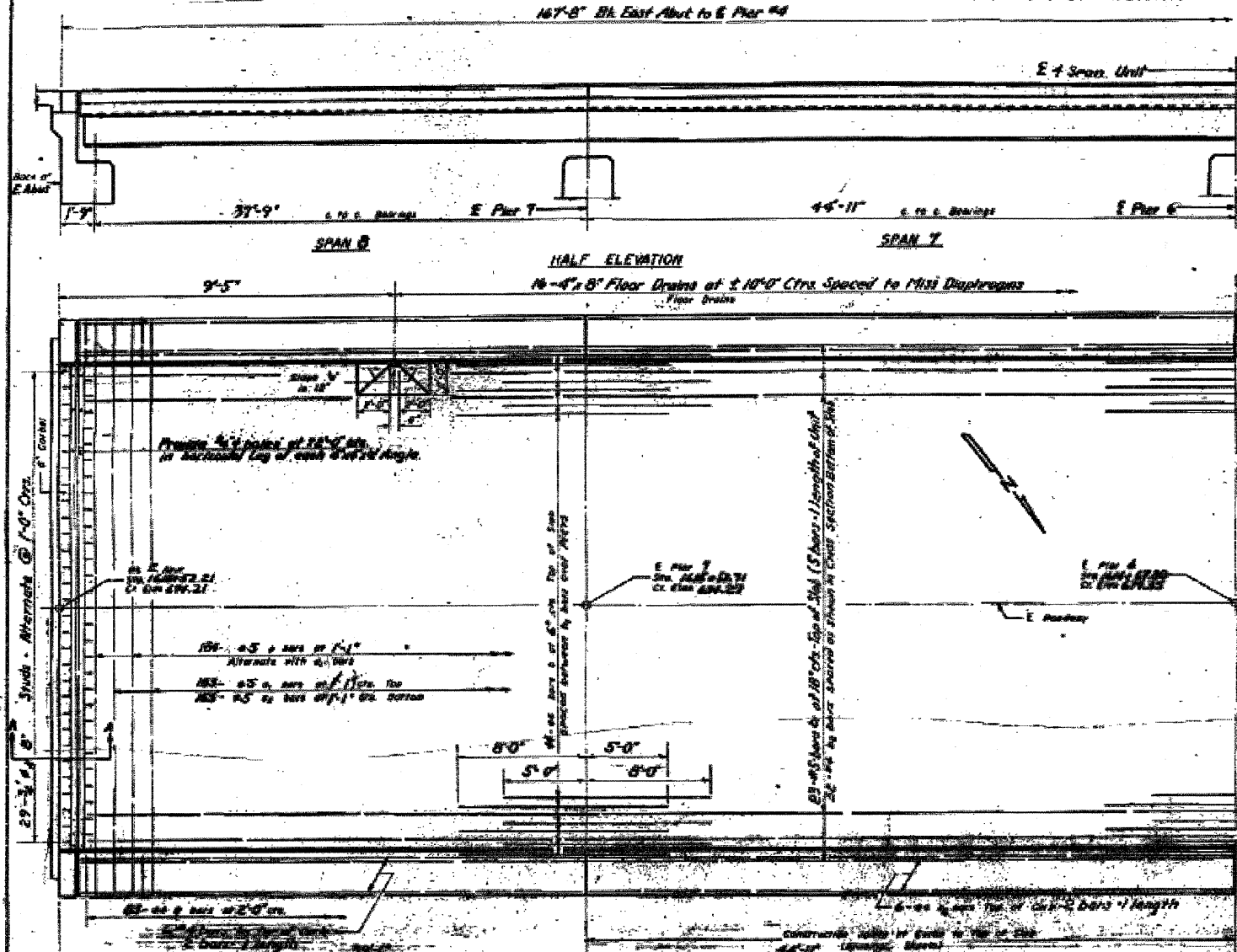


STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

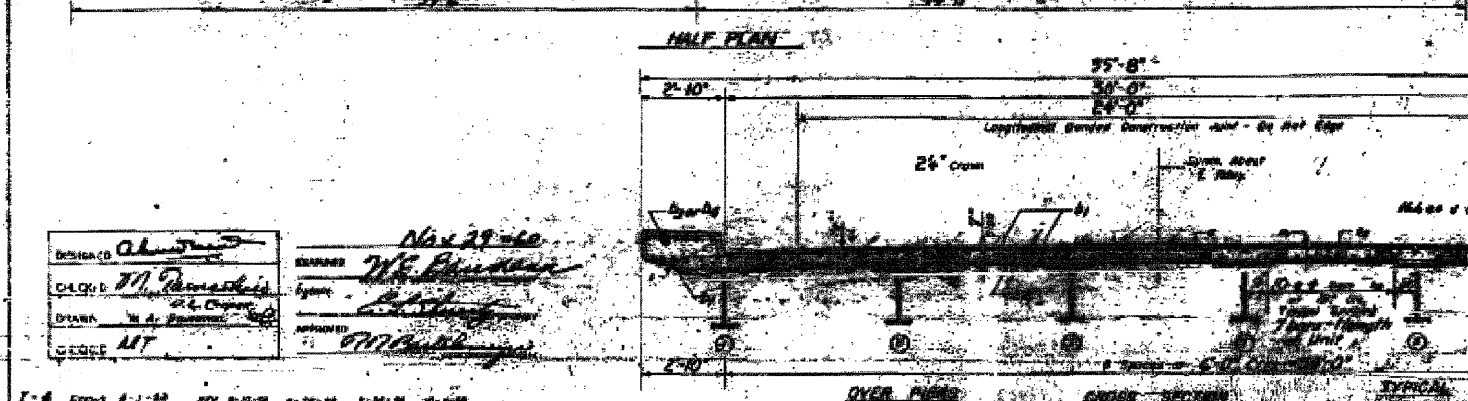
PROJECT NO.	SECTION	DATE	SCALE	SHEET NO.	TOTAL SHEETS
80	20-18	Bureau	45	8	26



**METHOD OF DETERMINING FILET HEIGHT "y"**  
After an structural steel bar has been erected, measure the height of the flange of the beam, and the height of the web, and the distance between the flange and the web. Subtract the height of the web from the height of the flange, and divide the result by the distance between the flange and the web. The result is the filelet height "y".

**BILL OF MATERIAL**

Bar No.	Size	Length	Weight
134	#5	360'	
135	#5	34'	
136	#5	32'	
137	#6	18'	
138	#5	38'	
139	#4	25'	
140	#4	20'	
141	#4	20'	
142	#4	1'-0"	
143	#4	1'-0"	
Class of Concrete		Co. No.	1722
Reinforcing Bars		L.S.	31,500
Structural Steel		L.S.	15,549



DESIGNED: *Ch...*  
CHECKED: *M. Ram...*  
DRAWN: *M. A. Ram...*  
SCALE: *1/4" = 1'-0"*  
DATE: *Nov 22 1960*

**SLAB DETAILS**  
4-SPAN UNIT  
NORTH STRUCTURE  
OVER TR-350 & BROWN CREEK  
RTE 87-80 - SEC 06-18  
BUREAU COUNTY  
STA 142+77.40 (EAL RT 80)