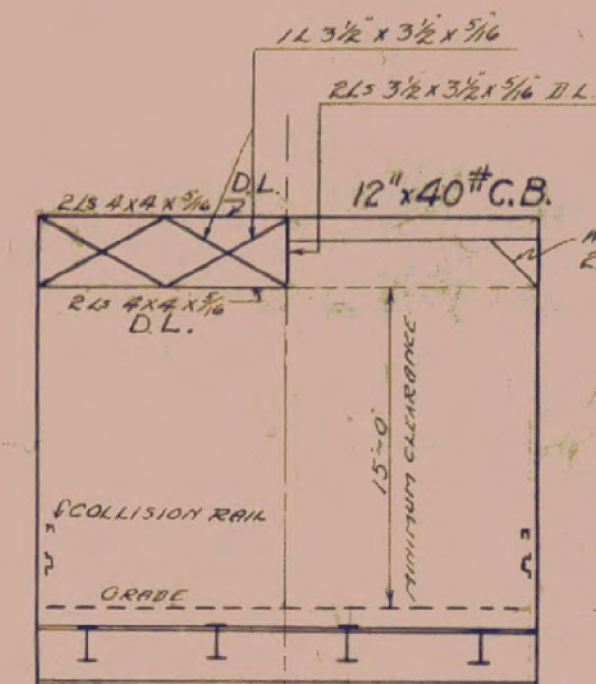
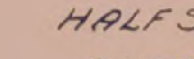
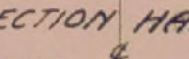


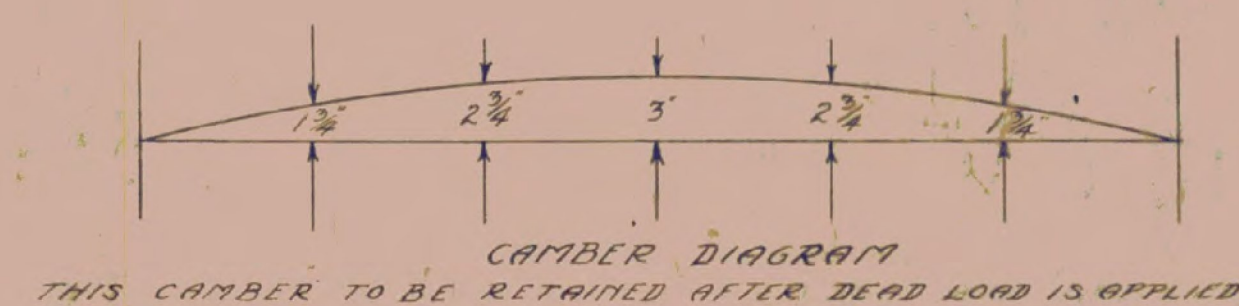


HALF SECTION SHOWING PORTAL BRACING	HALF SECTION SHOWING TOP CHORD BRACING
	

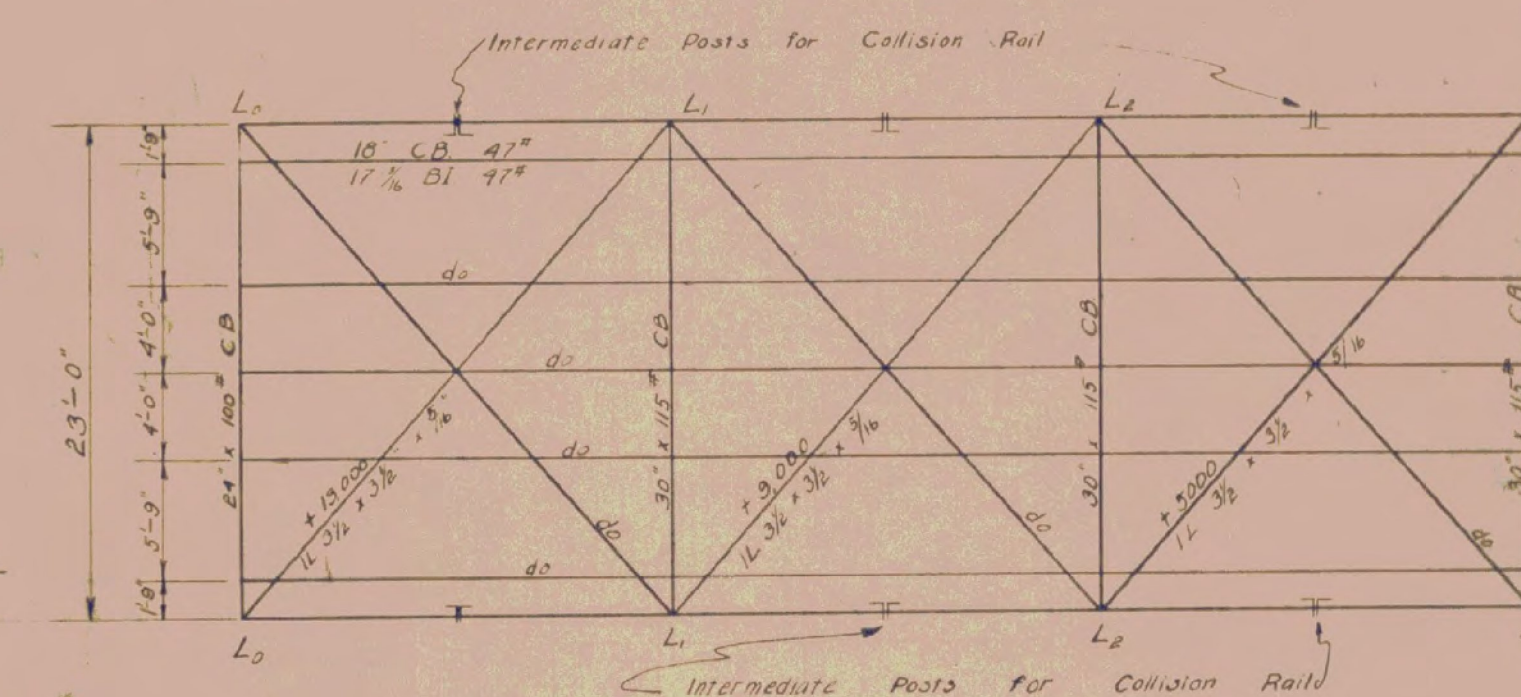
STRINGERS	
MOMENT	SHEAR
DL = 480,000 IN LBS	8,000
LL = 918,000 IN LBS	16,000
I = 276,000 IN LBS	5,000
TOTAL 1674,000 IN LBS	29,000

FLOOR BEAMS		
	MOMENT	SHEAR
DL	2148,000 IN LBS	32,000
LL	2114,000 IN LBS	27,000
I*	613,000 IN LBS	8,000
TOTAL	4875,000 IN LBS	67,000

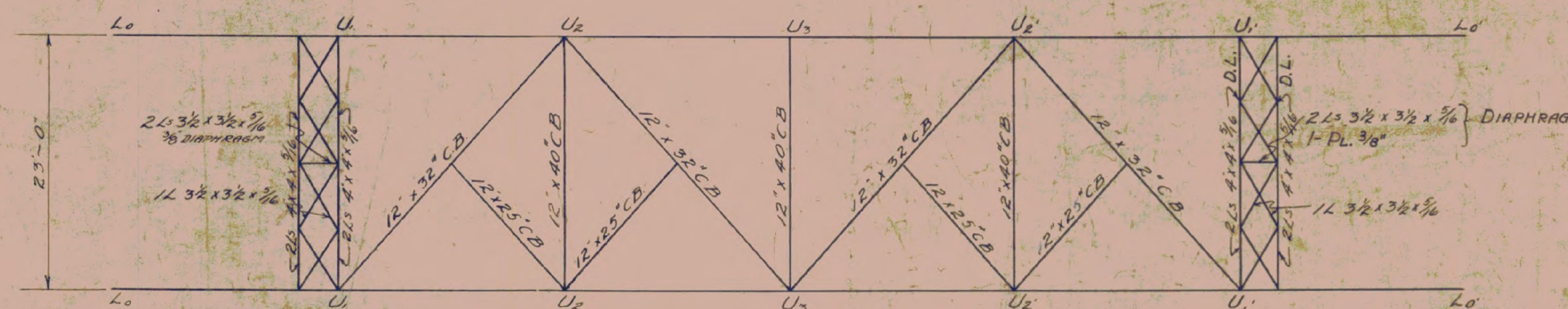
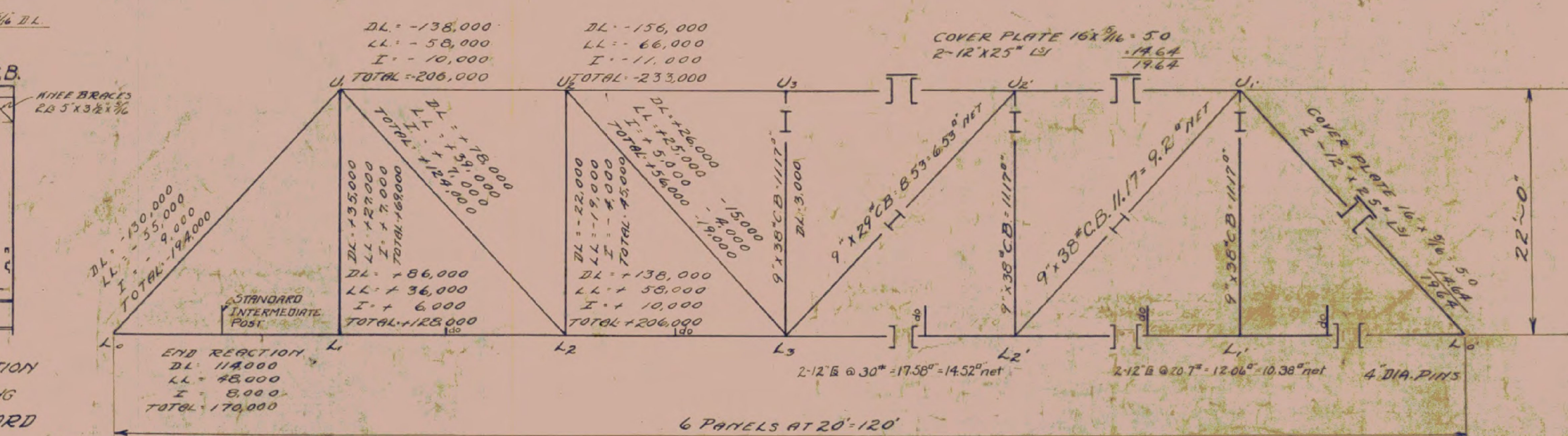
END FLOOR BEAM
MOMENT
DL = 1074,000 IN.LBS
LL = 2114,000 IN.LBS
I = 740,000 IN.LBS
TOTAL = 3928,000 IN.LBS



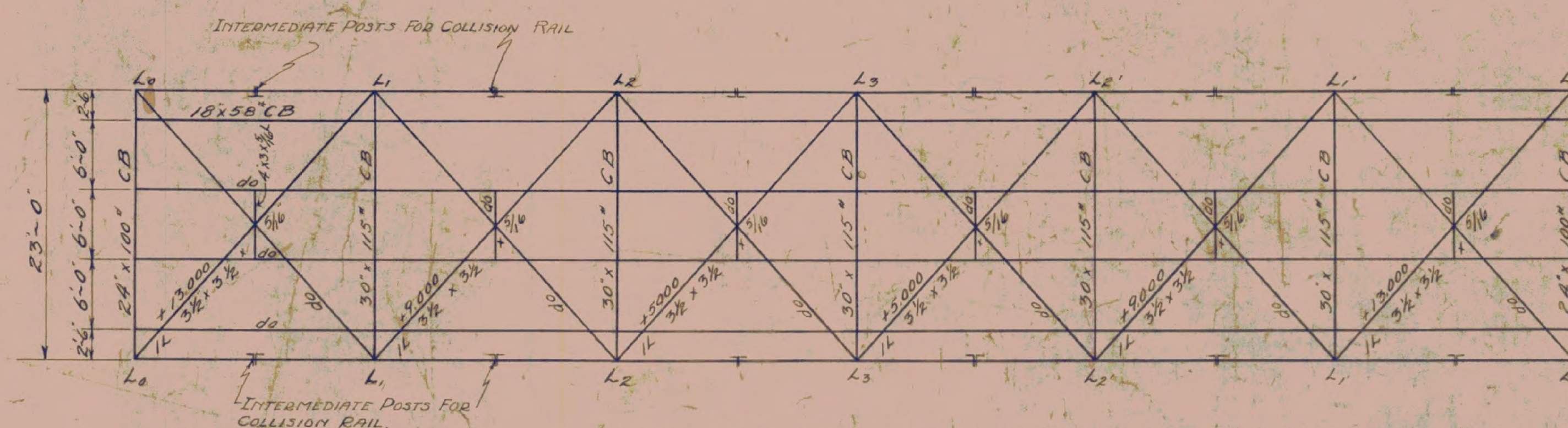
STRINGERS		
	MOMENT	SHEAR
DLM	388,000 IN. LBS.	6,500
LLM	617,000 IN. LBS.	13,700
T	185,100 IN. LBS.	4,000
TOTAL	1,190,100 IN. LBS.	24,200



FLOOR AND LOWER LATERAL SYSTEM (NO 2)
To be used when floor is poured one half width.



UPPER LATERAL SYSTEM



FLOOR AND LOWER LATERAL SYSTEM (NO. 1)

NOTE - SUPPORT LATERAL BRACINGS FROM 4x3x1/8" CONNECTED TO STRINGER WEB.

NO. 2		NO. 1		ESTIMATED QUANTITIES FOR CMC ST.	
THIS SHEET USED FOR-		THIS SHEET USED FOR-			
				STRUCTURAL STEEL (No. 1)	133,500 LBS.
				CROSS-PLATE CONCRETE	73 CU YDS.
				IN ROADWAY SLAB	
				REINFORCING STEEL No. 1	12100 LBS.
				IN ROADWAY SLAB	
				STRUCTURAL STEEL (No. 2)	140460 LBS.
				Reinforcing Steel (No. 2)	13,120 LBS.
		TOTAL - 140,000 NO. 1 & 2			
		CONCRETE BE GR. IT			
		CONCRETE BE GR. IT			
CARD OF 1-38					

Surveyed by _____
Designed by 3HOLTNER
Drawn by K.B.W.
Traced by K.B.W.
Checked by M. L. Woodruff 1/13
Series 5B20 No. 120 Filed _____
Sheet _____ of _____ Sheets _____

MORRISTOWN
BF 0239(3)
SHEET 9 OF 9
FOR REFERENCE ONLY

STEEL
SUPERSTRUCTURE
120' $\times$ BEARING
20' ROADWAY
2 ~ H 15

Correct
A. D. Bishop
Bridge Engineer

ESTIMATED QUANTITIES FOR ONE SPAN