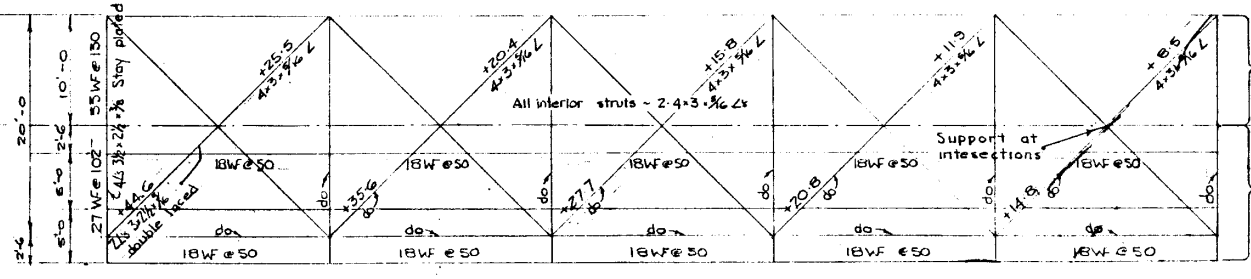
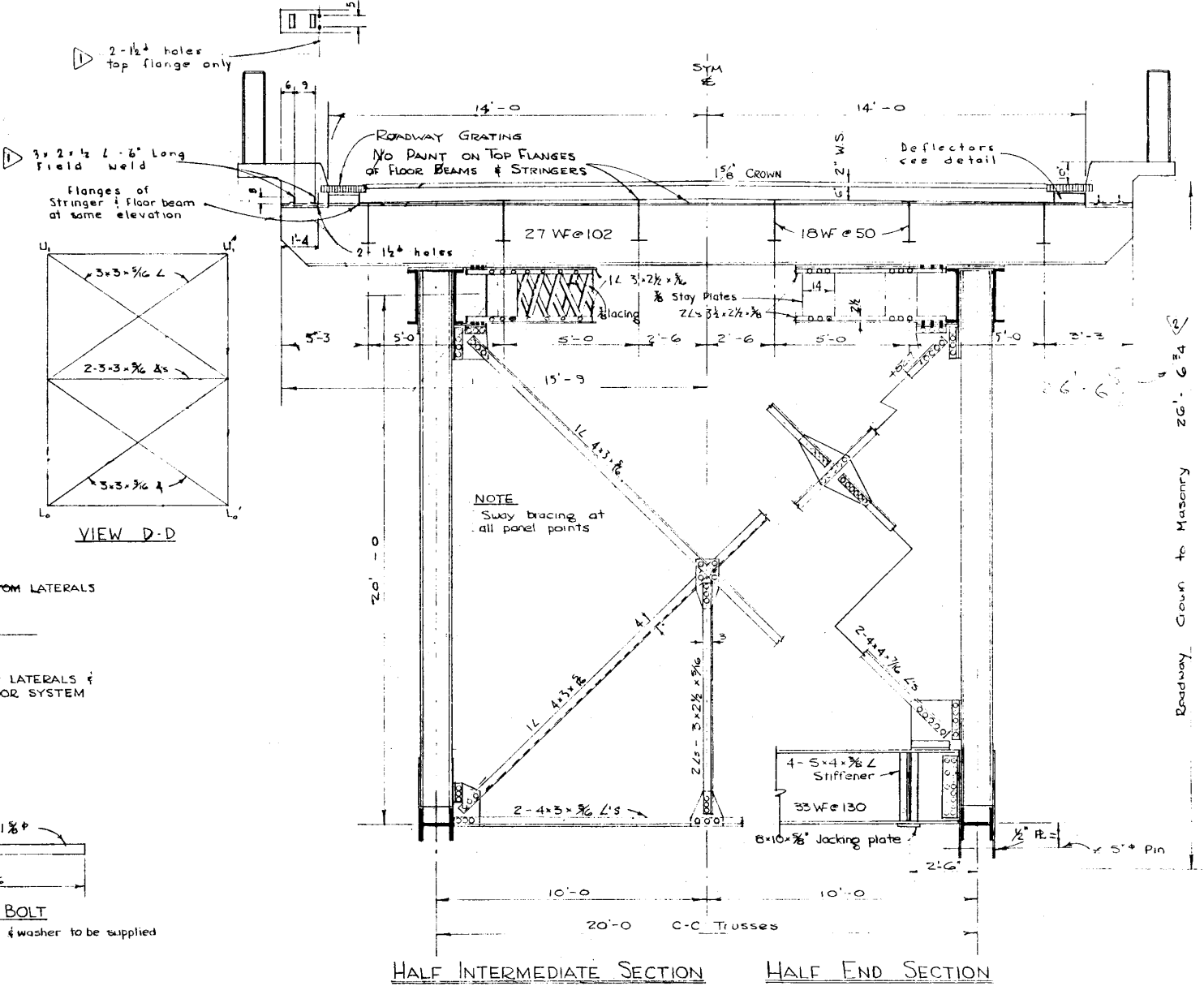


TRUSS DESIGN



FLOOR SYSTEM AND TOP AND BOTTOM LATERALS



HALF INTERMEDIATE SECTION HALF END SECTION

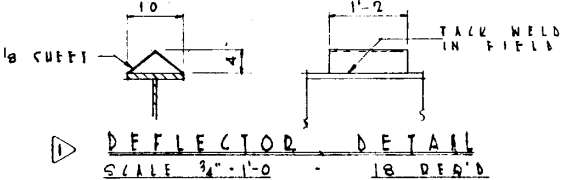
STRINGERS
 D.L. Moment - 27.5
 LL+I Moment - 131.5
 Sr - 131.5 x 12 = 87.5
 18 WF @ 50 Ss - 83.0

FLOOR BEAMS
 D.L. Moment - 47
 LL+I Moment - 242
 Sr - 289 x 12 = 260
 27 WF @ 102 Ss - 266.3

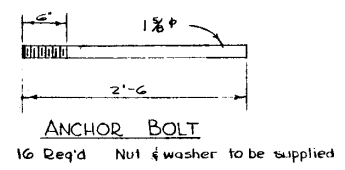
JACKING GIRDER
 Jacking load - 301
 Moment - 301 x 2.5 = 752
 Sr - 752 x 12 = 576
 33 WF @ 130 Ss - 404.8
 As - 192.

BEARING
 G⁺ Rollers - 443, 123 net lin in req'd
 Bearing R - 443 sq. in. min

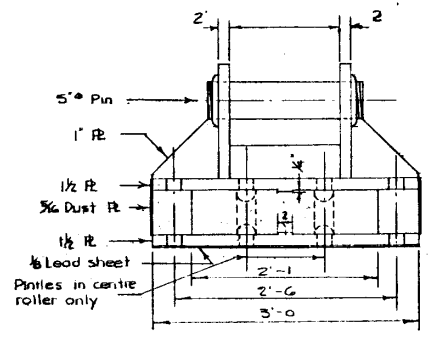
PIN BEARING
 Bearing - Ar - 443, 18.4
 As - 20.0
 Shear - Ar - 443, 16.4
 Bending - Ar - 19.6
 Ss - 12.3



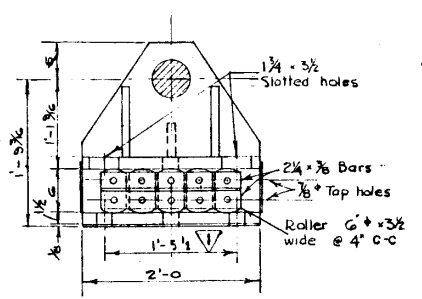
DEFLECTOR DETAIL



ANCHOR BOLT



EXPANSION BEARING DETAILS



FIXED BEARING DETAILS

GENERAL NOTES

DEAD LOAD	Concrete	1600	WIND LOAD	350#/Lin. Ft. For 100' Span
	Asphalt	350		200#/Lin. Ft. For 100' Span
	Floor steel & fence	320		
	Truss & bracing	735		
LIVE LOAD	TOTAL	3005 #/Ft Truss		
	Floor	- 2 Std H20-S16 Trucks		
	Truss	- 640 #/Lin. Ft of Load Lane		
		Combined With 18" Lane for Moment or 26" Lane for shear, plus Impact		
SPECIFICATIONS	A. A. S. H. O.	1953		
RIVETS	3/8"	For Main Members		
	3/4"	For Bracing		
GUSSETS	3/8"	Thick. Minimum Except 3/4" For Bracing		
PAINT		Paint All Steelwork Gre Shop Coat Red Lead Except Where Noted.		
CAMBER		For Full Dead Load + 1/2 Live Load Without Impact		

SEE { 5-728
5-729

ESTIMATED WEIGHT - (Dominion Bridge)
443,580 Lbs

SUPERSEDED

SUPERSEDED BY 5-728
5-729

200' DECK TRUSS STRESSES - SECTIONS - DETAILS



GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS
BRIDGE BRANCH, EDMONTON

DATE	NO OF (SPAN)	LOCATION	NO.	DATE	DESCRIPTION	BY
OCT 1955	2	74452		JAN 17/56	TO SUIT D.B. DWGS	U.A.R.
				AUG 22/56	AS NOTED	H.A.R.

FILE NO.	HWY. NO.	DWG. NO.
LOCATION	SCALE	
STREAM	SHEET	OF

DESIGNED BY: LND JED
 DETAILED BY: LND JED
 CHECKED BY: LND JED

AT & U - RECORDS CENTRE