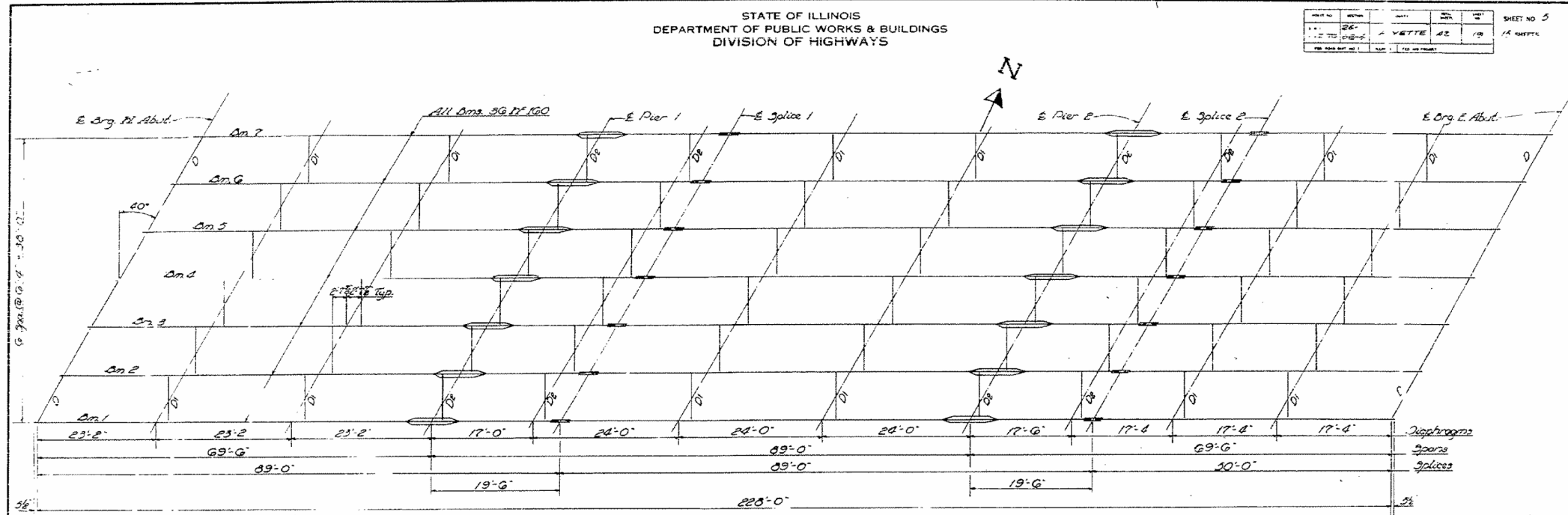
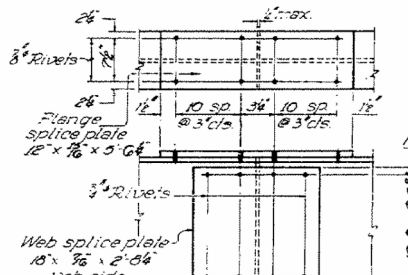
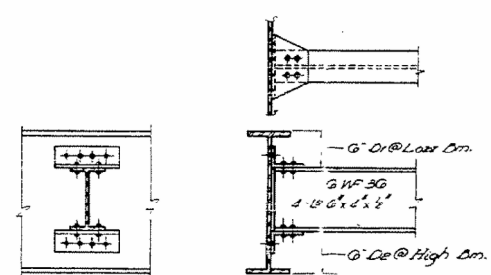
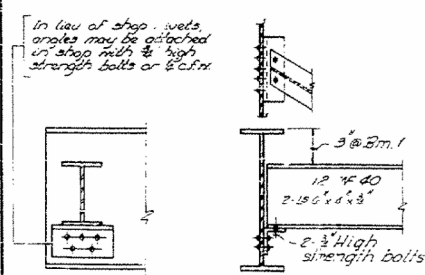


STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

PROJECT NO.	SECTION	SHEET	TOTAL SHEETS
74579	70-300-26-08-4	42	10
SHEET NO. 5			



STRUCTURAL STEEL LAYOUT



TOP OF BEAM ELEVATIONS

West Bound Bridge				East Bound Bridge				
Beam	1 @ 7	2 @ 6	3 @ 5	4	Beam	1 @ 7	3 @ 6	4 @ 5
E. Org. N.A.	501.987	502.045	502.157	502.202	E. Org. N.A.	501.657	501.690	501.957
Pier 1	502.075	502.194	502.303	502.340	Pier 1	501.635	501.976	502.103
Splice 1	502.174	502.233	502.344	502.339	Splice 1	501.674	502.077	502.142
Pier 2	502.260	502.300	502.439	502.333	Pier 2	502.060	502.163	502.239
Splice 2	502.301	502.421	502.330	502.376	Splice 2	502.061	502.204	502.330
E. Org. E.A.	502.406	502.329	502.235	502.287	E. Org. E.A.	502.166	502.309	502.433

Table of Moments & Reactions - Interior Beams

	Moments			Reactions	
	1 Span @ 7	Pier 1	3 Spans @ 6	Abut.	Pier 1
O.L.	296	642	503	240	62.0
L.L.	434	459	443	38.9	50.0
Imp.	111	107	103		
Total	841	1188	649	62.9	132.0

Moments are in Ft. Kips  
Reactions are in Kips

STRUCTURAL STEEL  
FALPT 70-300-26-08-4  
FAYETTE COUNTY  
STA. 138 + 76

DESIGNED: James H. Vance  
CHECKED: James H. Vance  
DRAWN: J. H. Vance  
CHECKED: J. H. Vance

EXAMINED: [Signature]  
PAILED: [Signature]  
APPROVED: [Signature]

Jan 25 1965

