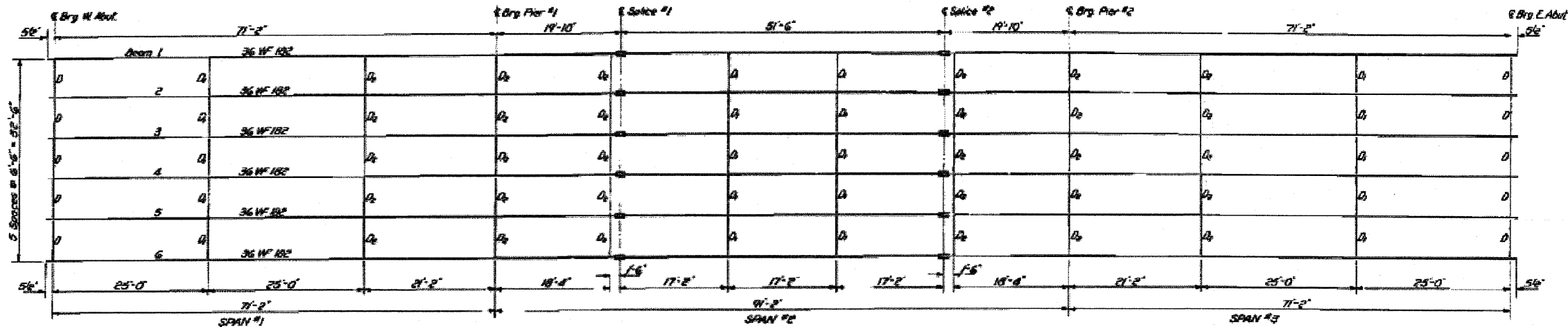
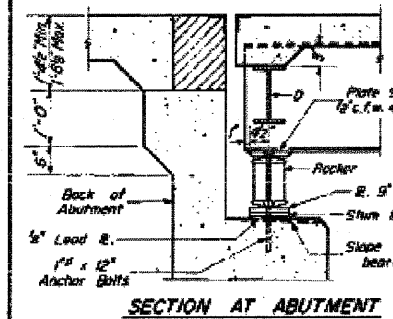


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

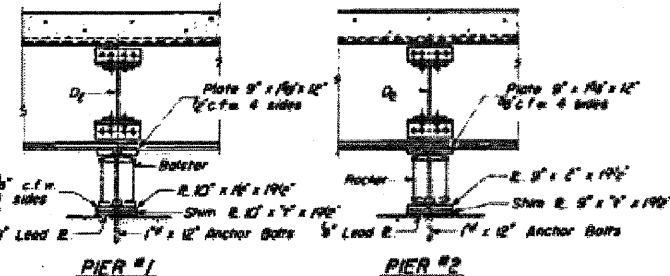
DATE	BY	APP'D	SCALE	SHEET NO.
11-68	W.A.S.		BUREAU	43
				6



LAYOUT OF STRUCTURAL STEEL

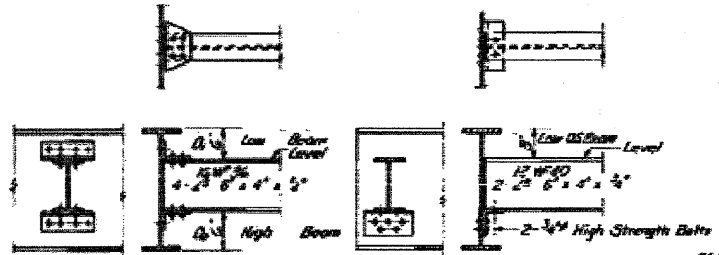


SECTION AT ABUTMENT



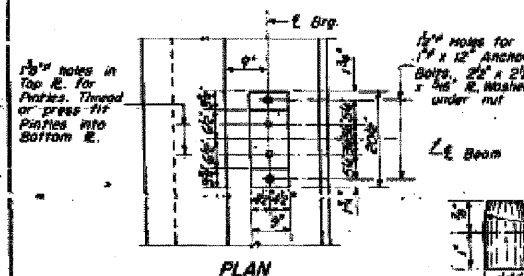
PIER #1

PIER #2

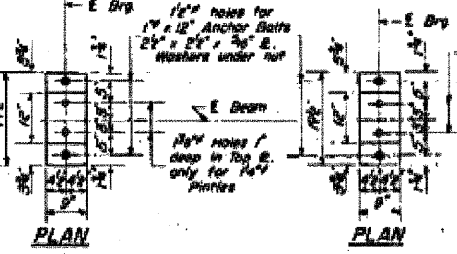


DIAPHRAGM D & D2

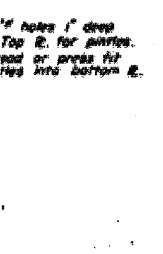
DIAPHRAGM D



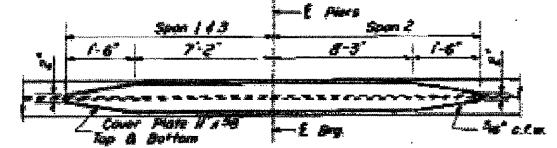
PLAN



DETAIL OF PINTLE

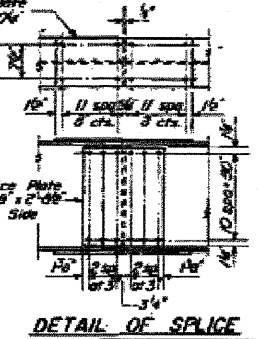


DETAIL OF BEARING AT PIER #2 & ABUTS



DETAIL OF COVER PLATES

DETAIL OF BEARING AT PIER #1



DETAIL OF SPLICE

FOR FABRICATION ONLY

ELEVATION OF STEEL - TOP OF BEAMS
These do not include Dead Load Deflection of Steel

Beam	E. Brg. W. Abut.	E. Brg. Pier #1	E. Splice #1	E. Splice #2	E. Brg. Pier #2	E. Brg. E. Abut.
1	646.533	646.530	646.67	646.907	646.990	647.306
2	646.518	646.645	646.736	646.972	647.053	647.319
3	646.503	646.711	646.802	647.038	647.129	647.436
4	646.489	646.776	646.867	647.103	647.194	647.501
5	646.525	646.582	646.723	647.169	647.260	647.566
6	646.510	646.607	646.748	647.234	647.325	647.630

TABLE OF 'Y' DIMENSIONS

Beam	1	2	3	4	5	6
E. Brg. W. Abut.	0	4'	0	2'	0	3'
E. Brg. Pier #1	0	4'	0	4'	0	4'
E. Brg. Pier #2	0	4'	0	4'	0	4'
E. Brg. E. Abut.	0	4'	0	4'	0	4'

STRUCTURAL STEEL
BRIDGE OVER NEGRO CREEK
FAI RT. 90 SEC. 6-78N1, P. 1
BUREAU COUNTY
STA. 1768+70

DESIGNED: James M. Ponce
CHECKED: Dale H. S...
DRAWN: W. A. Sausaman
DATE: Nov 2 1968