

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	DATE	BY	NO.
172	10/15/15	AD	15
REVISED			
BY	DATE	BY	NO.

SHEET NO. 11
OF 22 SHEETS

By: No. Abut.

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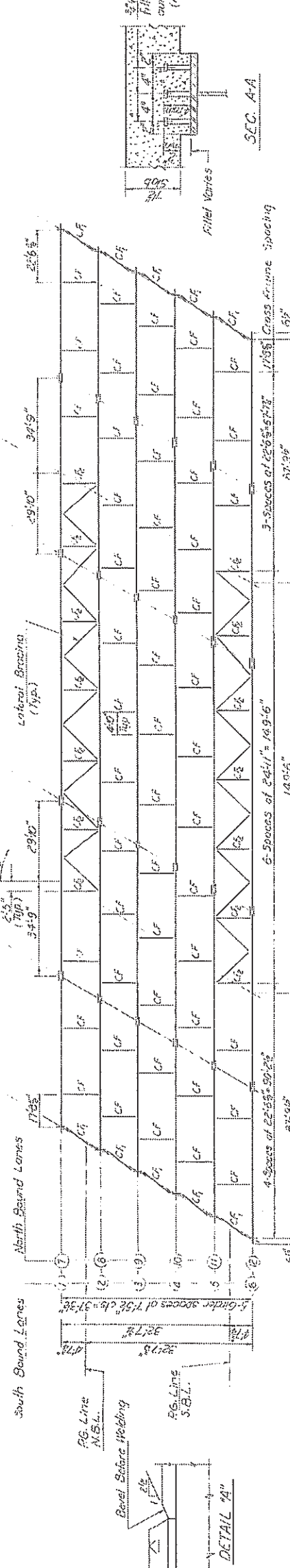
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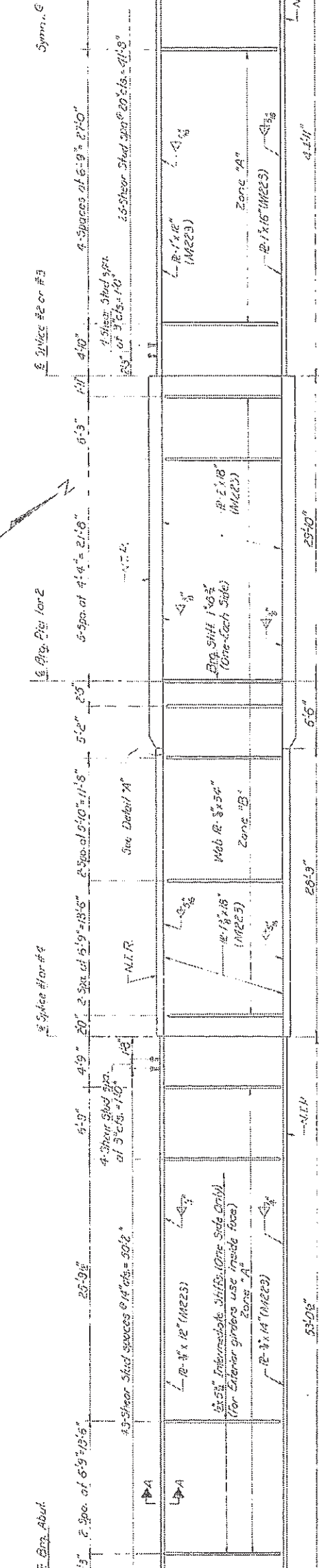
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FRAMING PLAN



HALF GIRDER ELEVATION

INTERIOR GIRDER REACTION TABLE

Abutts.	Piers
1	1
2	2
3	3
4	4
5	5
6	6
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99	99
100	100

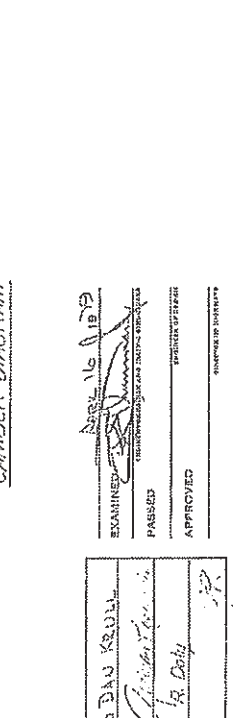
INTERIOR GIRDER MOMENT TABLE

Span	Pier	Moment
1	1	25047
2	2	3785
3	3	10049
4	4	2798
5	5	969
6	6	3002
7	7	1378
8	8	323
9	9	499.9
10	10	2263.1
11	11	2712
12	12	3785.5
13	13	2599
14	14	4375
15	15	518

Notes:
Dimensions are given along E. Girder.
Intermediate stiffeners in Zone 'A' shall be under cut 1/8" of the bottom only.
Intermediate stiffeners in Zone 'B' shall be under cut 1/8" of the top only.
For remainder of Structural Steel details see sheet #12.
M.I.R. designates Match toughness Requirement. **STRUCTURAL STEEL**
All Flange R's shall be M223, Grade 50, NORTH AND SOUTH BOUND LANES
E.A. RT. 408 SEC. 1-4B
ADAMS COUNTY
STA. 149+00.00

Note: Load factors 1.3 [2+5/16] is used for computing moments. Is and Ss are the moment of inertia and section modulus of the steel section. Is and Ss are the moment of inertia and section modulus of the composite section used in computing Is.
VR is the maximum \pm Impact shear range in span.

CAMBER DIAGRAM



DESIGNED DAN KRULL
CHECKED [Signature]
DRAWN [Signature]
CHECKED [Signature]

EXAMINED [Signature]
PASSED [Signature]
APPROVED [Signature]