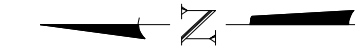
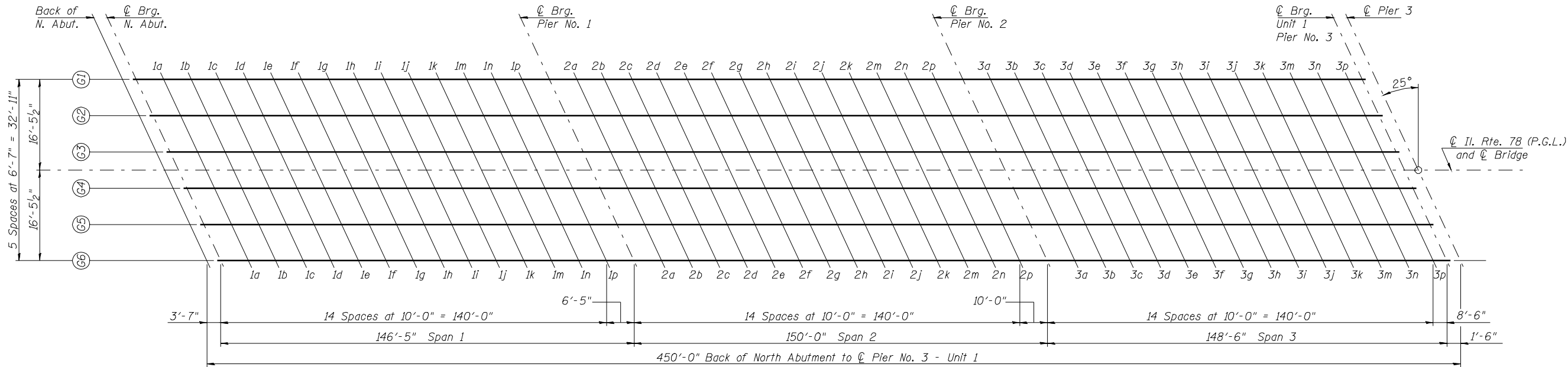


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

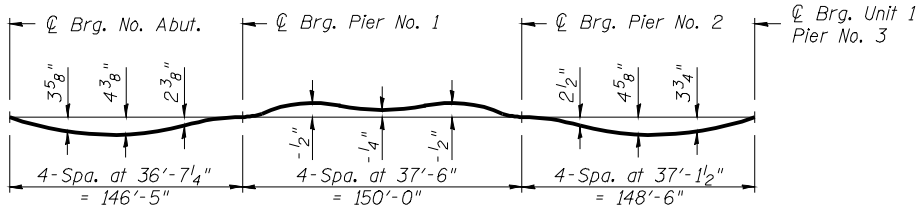
| ROUTE NO.             | SECTION  | COUNTY       | TOTAL SHEETS      | SHEET NO. |
|-----------------------|----------|--------------|-------------------|-----------|
| FAP<br>Rte 614        | 144(B-1) | Cass & Mason | 351               | 140       |
| FED. ROAD DIST. NO. 7 |          | ILLINOIS     | FED. AID PROJECT- |           |

Contract #72A76

SHEET NO. 4  
86 SHEETS



UNIT 1 - DIAGRAMMATIC PLAN

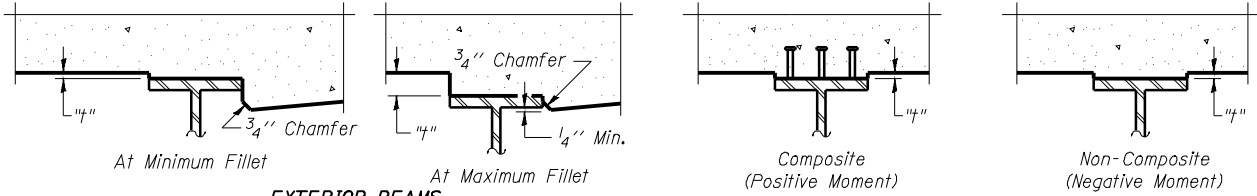


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note:

The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on sheets 5 & 6 of 86.



EXTERIOR BEAMS

INTERIOR BEAMS

To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 5 & 6 of 86, minus 8" slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

UNIT 1 - TOP OF SLAB ELEVATIONS (Sheet 1 of 3)  
F.A.P. 614 (IL 78) OVER SANGAMON RIVER  
PUBLIC WATERS  
CASS & MASON COUNTIES  
SECTION 144 (B-1)  
STA. 913+26.00  
STRUCTURE NUMBER 009-0510

PROFESSIONAL DESIGN FIRM LICENSE #184-001084

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**HANSON**  
Hanson Professional Services Inc.

JOB NO.

07S2026

DATE

03/27/09

LAYOUT: BWC/AMM 09/12/08  
DRAWN: BWC 09/30/08  
REVIEWED: TEH 09/30/08  
Mod: 3/1/2009 08:00:25AM  
C:\mwork\PROJECTS\144\B-1\UNIT 1\0314498-009-0510 Master Sheet Title.dgn