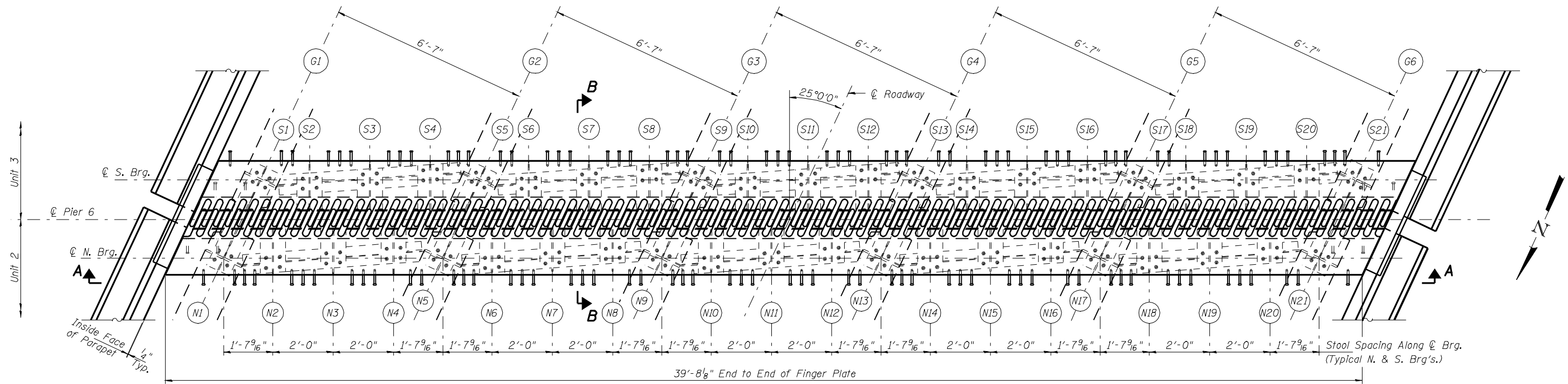


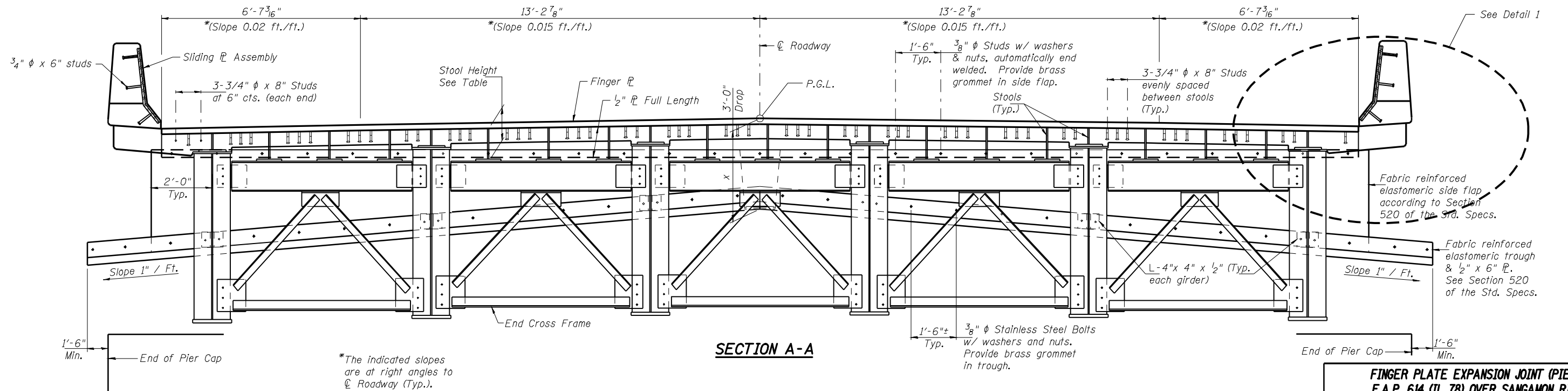
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 34 86 SHEETS
FAP Rte 614	144(B-1)	Cass & Mason	351	170	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract #72A76



PLAN AT PIER 6



SECTION A-A

*The indicated slopes are at right angles to \varnothing Roadway (Typ.).

TABLE OF STOOL HEIGHTS

STOOL MARK (UNIT 2)	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	N13	N14	N15	N16	N17	N18	N19	N20	N21
STOOL HEIGHT	6"	10 ³ / ₈ "	10 ¹³ / ₁₆ "	11 ³ / ₁₆ "	6"	11 ¹ / ₁₆ "	12"	12 ⁵ / ₁₆ "	6"	12 ¹³ / ₁₆ "	13 ³ / ₈ "	12 ¹³ / ₁₆ "	6"	12 ¹ / ₄ "	11 ⁷ / ₈ "	11 ⁹ / ₁₆ "	6"	11"	10 ⁹ / ₁₆ "	10 ¹ / ₈ "	6"
STOOL MARK (UNIT 3)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19	S20	S21
STOOL HEIGHT	6"	10 ³ / ₈ "	10 ¹³ / ₁₆ "	11 ³ / ₁₆ "	6"	11 ¹ / ₁₆ "	12"	12 ⁵ / ₁₆ "	6"	12 ¹³ / ₁₆ "	13 ³ / ₈ "	12 ¹³ / ₁₆ "	6"	12 ¹ / ₄ "	11 ⁷ / ₈ "	11 ⁹ / ₁₆ "	6"	11"	10 ⁹ / ₁₆ "	10 ¹ / ₈ "	6"

- NOTES:
- Work this sheet with Sheet 35 of 86.
 - M270 Grade 50W steel shall be used for the finger plates and attachments.
 - Finger plate expansion joint shall be assembled in their final relative position with the ends in place for shop inspection and acceptance.
 - The Webs of stools N1 & S1, N5 & S5, N9 & S9, N13 & S13, N17 & S17 and N21 & S21 are parallel to the girder webs.

**FINGER PLATE EXPANSION JOINT (PIER 6)
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 09/12/08
 DRAWN 09/10/08
 REVIEWED 09/30/08
 MHW 09/12/08
 DAB 09/10/08
 TER 09/30/08
 Mar-31-2008 08:02:44M
 C:\mwork\PIER07\LDG\DWG\144B-01-498-009-0510 Master Sheet Title.dwg