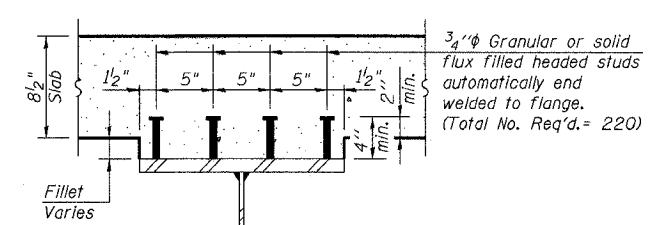
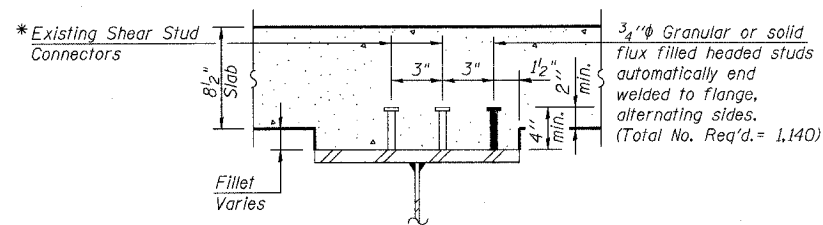
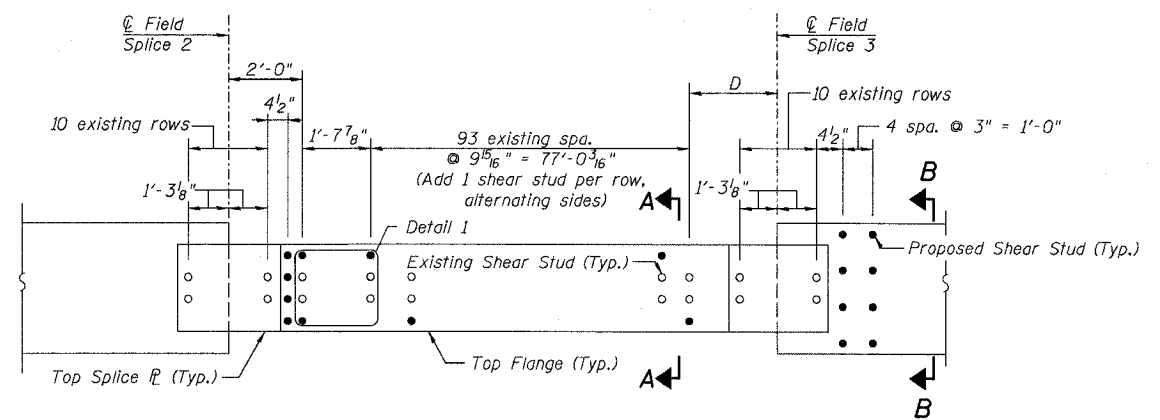
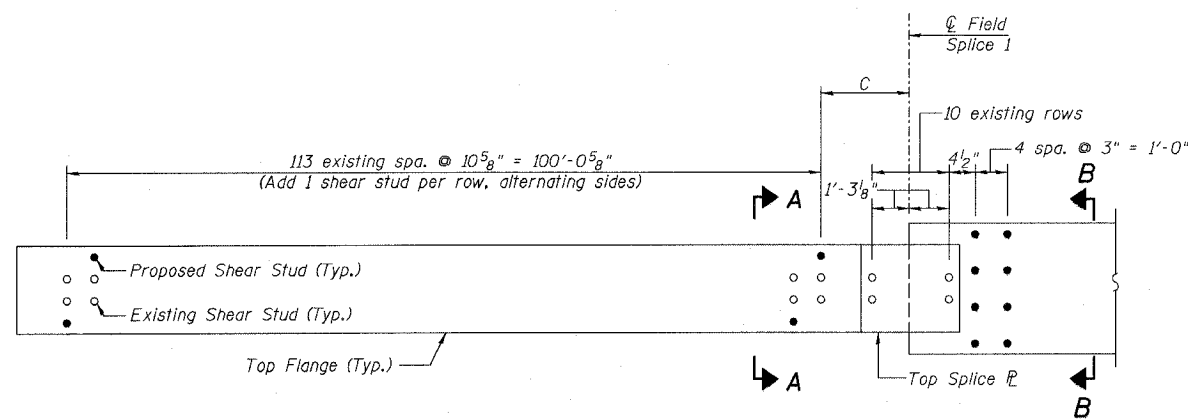
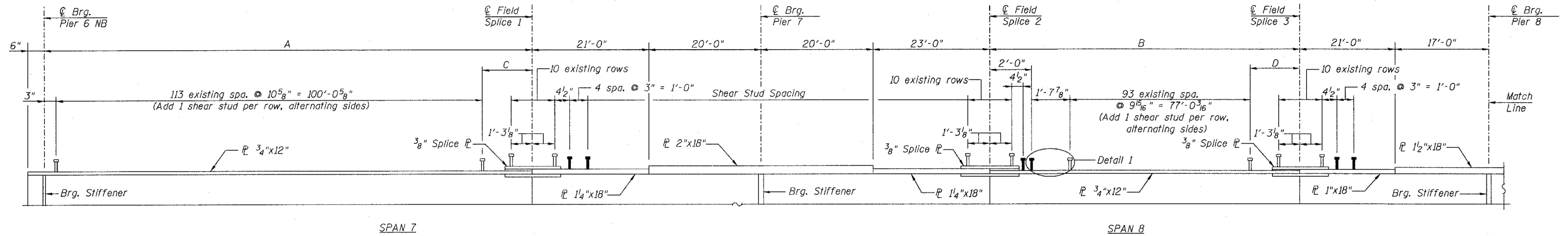


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

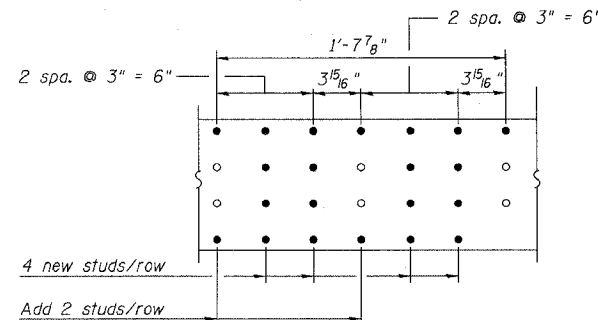
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO. 183 313 SHEETS
F.A.I. 39	50-4B	LASALLE		206	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			
Contract # 66586					



* Fillet reinforcement will be required if existing studs do not meet the minimum projection into proposed deck. See detail on sheet 168.

GIRDER VARIABLES

Girder	A	B	C	D
G6	102'-11 ¹³ / ₁₆ "	83'-11 ¹ / ₈ "	2'-8 ³ / ₁₆ "	3'-3 ¹ / ₁₆ "
G7	102'-9 ¹ / ₁₆ "	83'-9"	2'-6 ¹ / ₁₆ "	3'-0 ¹⁵ / ₁₆ "
G8	102'-7 ⁵ / ₈ "	83'-6 ¹⁵ / ₁₆ "	2'-4"	2'-10 ⁷ / ₈ "
G9	102'-5 ¹ / ₂ "	83'-4 ¹³ / ₁₆ "	2'-1 ⁷ / ₈ "	2'-8 ³ / ₄ "
G10	102'-3 ³ / ₈ "	83'-2 ³ / ₄ "	1'-11 ³ / ₄ "	2'-6 ¹ / ₁₆ "



DESIGNED	KWS
CHECKED	MRB
DRAWN	JGY
CHECKED	MTH

LIN ENGINEERING, LTD.
210 W. Chestnut
Chatham, Illinois 62629
(217) 483-4658
FAX (217) 483-4706

benesch
alfred benesch & company
Engineers - Surveyors - Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-665-0450
Job # 3856

SHEAR STUDS - SPANS 7 & 8 NB
ABRAHAM LINCOLN MEMORIAL BRIDGE OVER
THE ILLINOIS RIVER (PUBLIC WATERS)
F.A.I. ROUTE 39 SEC. (50-4B) BR
LASALLE COUNTY
STATION 863+16.00
STRUCTURE NO. 050-0191 (SB & NB)

x:\38000s\3856\structures\abe lincoln memorial\final\plans\Studs.7&8NB.sht

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8/30/2006