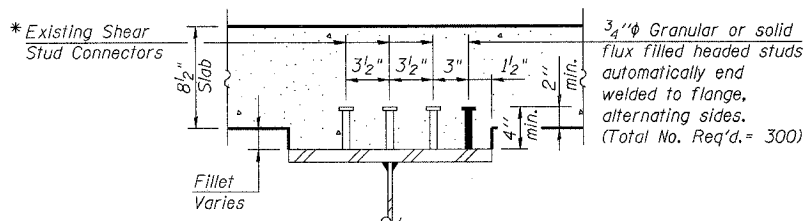
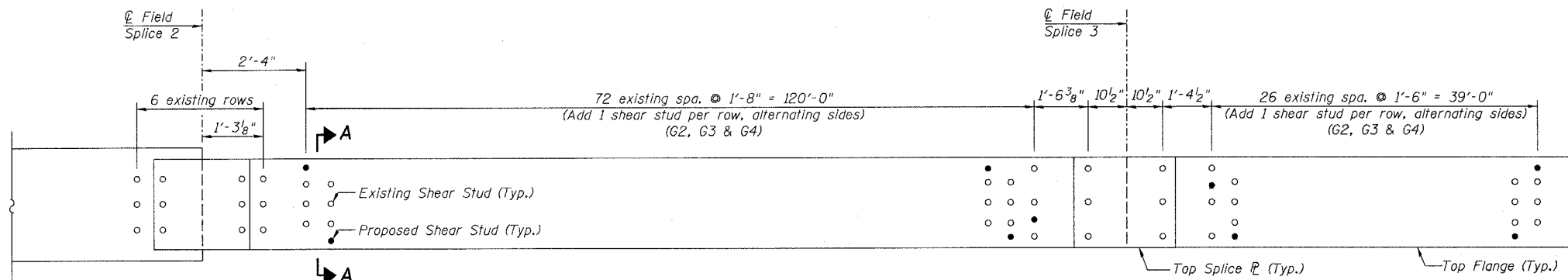
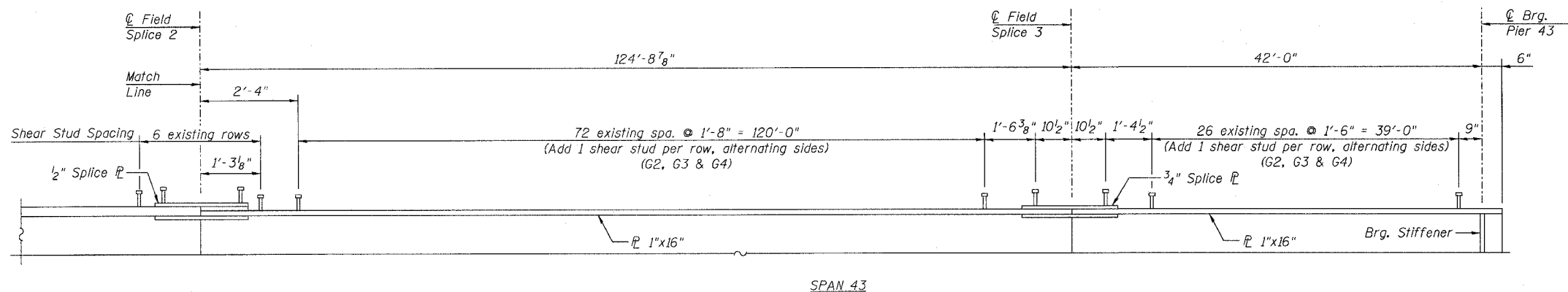


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F.A.I. 39	SECTION 50-4B	COUNTY LASALLE	SHEET 223	SHEET NO. 198 313 SHEETS
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.

**SHEAR STUDS - SPAN 43 SB**  
**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)**

DESIGNED -	KWS
CHECKED -	MRB
DRAWN -	JGY
CHECKED -	MTH

**LIN ENGINEERING, LTD.**  
 210 W. Chestnut  
 Chatham, Illinois 62629  
 (217) 483-468  
 FAX (217) 483-4706

**benesch**  
 alfred benesch & company  
 Engineers • Surveyors • Planners  
 205 North Michigan Avenue, Suite 2400  
 Chicago, Illinois 60601  
 312-565-0450  
 Job # 3856

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8/30/2006