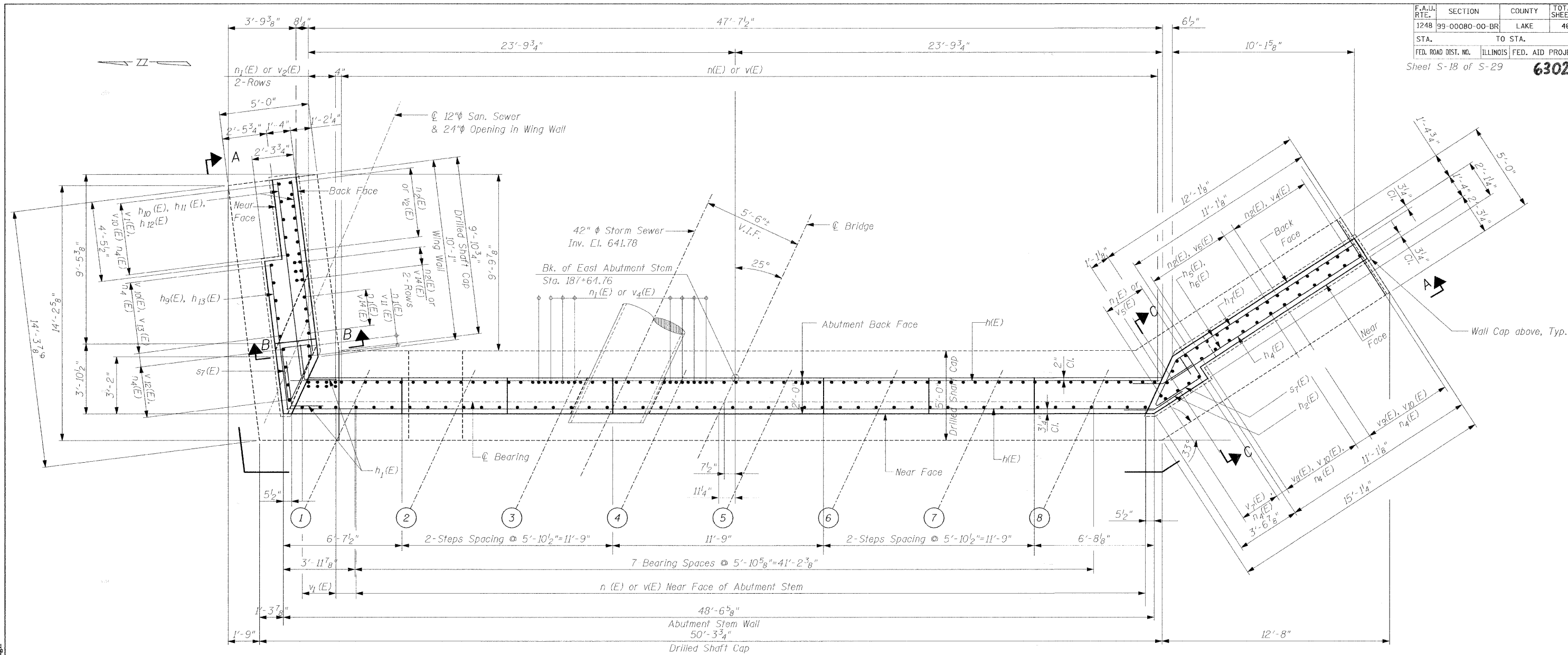


F.A.J. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1248	99-00080-00-BR	LAKE	46	30
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Sheet S-18 of S-29 **63020**



**EAST ABUTMENT STEM WALL PLAN**

Notes:  
 Space reinforcement in top of abutment wall to miss anchor bolts.  
 Reinforcement bars designated (E) shall be epoxy coated.  
 Pour steps monolithically with abutment stem  
 See S-19 for Section A-A  
 See S-20 for Section B-B & C-C.  
 See S-26 for Bill of Material and Pipe Underdrain Details.

**WJE** **Wiss, Janney, Elstner Associates, Inc.**  
 Engineers, Architects, Material Scientists  
 330 Pfingsten Road, Northbrook, IL 60062  
 (847) 272-7400, Fax: (847) 291-4813  
 WJE No. 2006.2324

**THE CITY OF LAKE FOREST**  
 CHARTERED 1861

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 BUREAU OF LOCAL ROADS AND STREETS

PROJECT:  
**OLD ELM ROAD OVER EAST SKOKIE DITCH**  
 STA. 187+46 LAKE COUNTY  
 STRUCTURE NO. 049-6870

TITLE:  
**EAST ABUTMENT STEM WALL PLAN**

SCALE: N.T.S. DRAWN BY: IMG  
 DATE: JANUARY 2008 CHECKED BY: NSA

REV. NO.	DATE	REVISION RECORD	MADE BY	CHECKED BY

DATE: 9/2/2008 FILENAME: p:\2006\2301-2400\2006.2324-manderson-old elm design\microstation-final\9-18.dgn