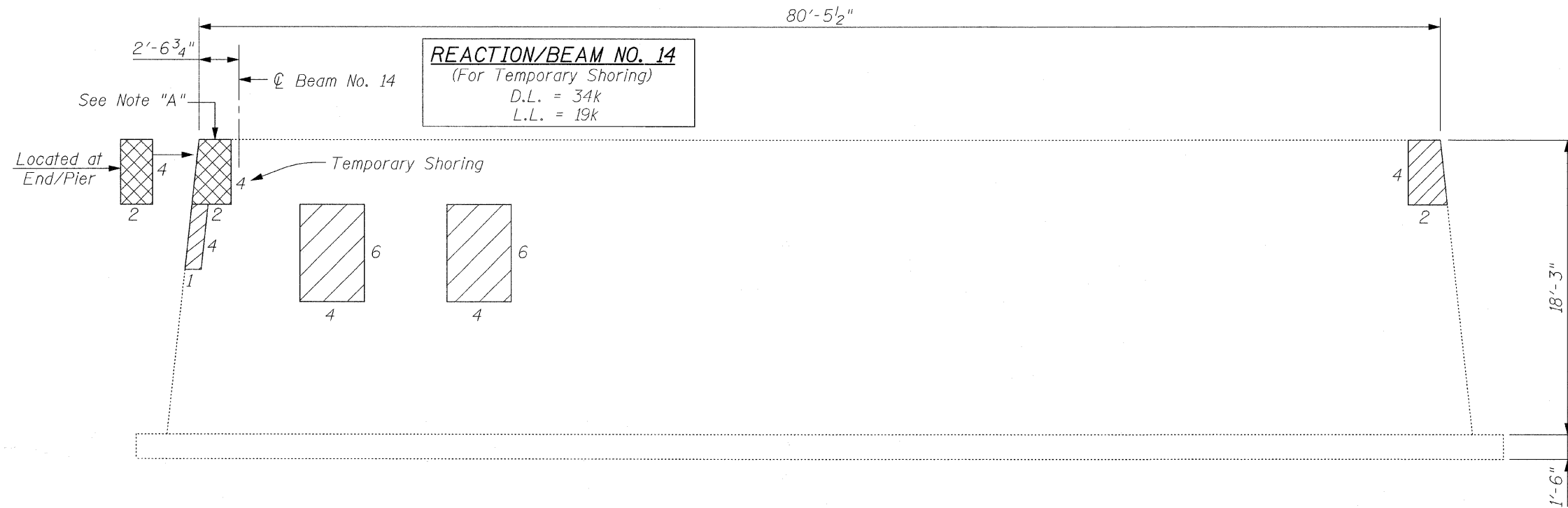


**NOTE "A"**

Make 4'x2' Repair on East & West Face of Pier. Beam No. 14 Must be Temporarily Supported on Both Sides of the Pier During Structural Repairs. Cost is Included With Temporary Shoring and Cribbing.



**PIER ELEVATION**  
(Looking East)

**NOTES:**

Locations & Areas of Repairs are Based on Inspections Performed by I.D.O.T. Maintenance Engineers in September, 2008.

All Patch Dimensions are in Feet.

**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Structural Repair of Concrete (Depth Equal to or Less Than 5 In.)	Sq. Ft.	60
Structural Repair of Concrete (Depth Greater Than 5 In.)	Sq. Ft.	24
Temporary Shoring and Cribbing	Each	1

**LEGEND:**

- Structural Repair of Concrete (Depth Equal to or Less Than 5 In.)
- Structural Repair of Concrete (Depth Greater Than 5 In.)



CHRISTIAN-ROEG & ASSOCIATES, INC.  
ENGINEERS / PLANNERS / SURVEYORS  
211 W. WACKER DRIVE CHICAGO, IL 60606  
PHONE: (312)372-2023 FAX: (312)372-5274

FILE NAME = pier_repair.dgn	USER NAME = IDDT	DESIGNED - B.N.S./J.C.N.	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PIER REPAIR JOLIET ROAD OVER FLAGG CREEK S.N. 016-0393</b>	F.A.J. RTE. 3562	SECTION 430 Y-1 BR	COUNTY COOK	TOTAL SHEETS 15	SHEET NO. 11		
	PLOT SCALE = 50.0000' / IN.	CHECKED - B.N.S./J.C.N.	REVISED -			SCALE:	SHEET NO. S5 OF S5 SHEETS	STA.	TO STA.	CONTRACT NO. 60E60		
	PLOT DATE = 12/30/2008	DATE - DECEMBER, 2008	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT						