

**TEMPORARY SHORING PLAN**

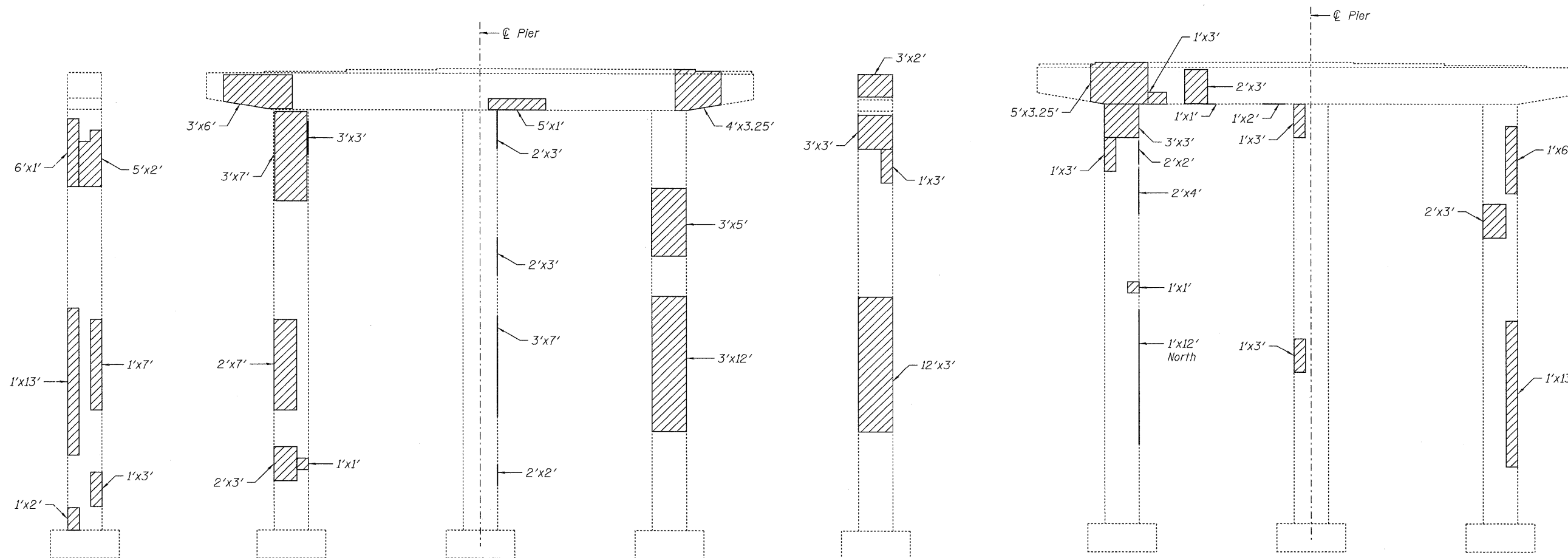
**PIER 9**

⊗ Temporary Support

**TEMPORARY SUPPORT  
INTERIOR BEAM REACTIONS**

REACTION	SPAN 10	SPAN 11
Dead Load	26	48
Live Load + Impact	50	52
Total	76	100

Contractor to design shoring system for dead load plus live load plus impact. See Special Provision for Temporary Shoring and Cribbing.



**NORTH ELEVATION**

Looking South

**WEST ELEVATION**

Looking East

**SOUTH ELEVATION**

Looking North

**EAST ELEVATION**

Looking West

**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Structural Repair Of Concrete (Depth Greater Than 5 Inches)	Sq.Ft.	214
Structural Repair Of Concrete (Depth Equal To Or Less Than 5 Inches)	Sq.Ft.	152
Temporary Shoring and Cribbing	Each	14

**LEGEND:**

Spalled or unsound concrete

**NOTES:**

1. Areas of proposed pier repairs are estimated. Actual type, location and dimensions of pier repairs are to be determined by the Engineer during construction.
2. Temporary Shoring and Cribbing is required for pier repairs.

DESIGNED - PCA	REVISED -
DRAWN - LK	REVISED -
CHECKED - MEA	REVISED -
DATE - 01/21/2011	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PIER 9 REPAIRS  
EASTBOUND FAI-80 OVER RAILROAD/GARDNER STREET  
STRUCTURE NO. 099-0060**

SHEET NO. 5-9 OF 15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99 (2&3) RS-3	WILL	200	157
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60M64	