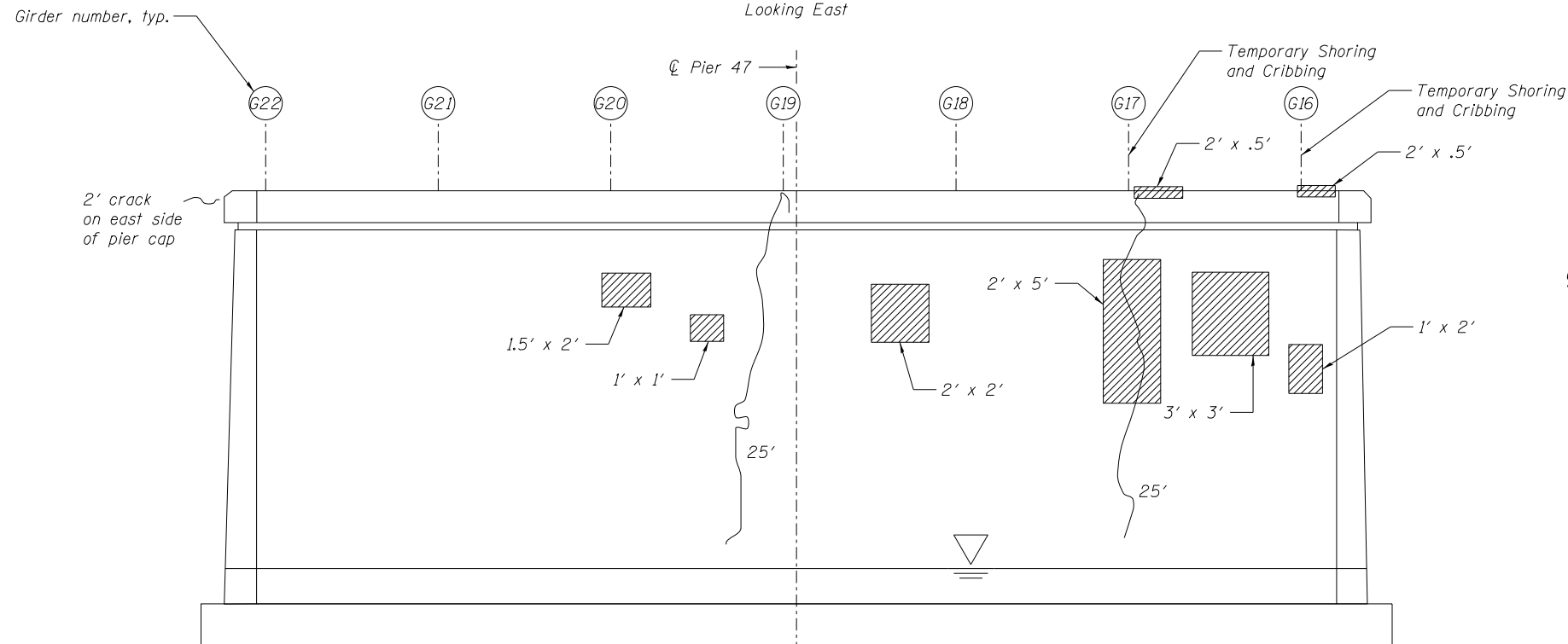


**PIER 47**  
Looking East



**PIER 47**  
Looking West

**UNFACTORED BEAM REACTIONS (KIPS)**

LOCATION	DEAD LOAD (steel and concrete)
G16 & G17	53.5

**LEGEND**

Structural Repair of Concrete  
(Depth Equal to or Less Than 5 Inches)

Epoxy Crack Injection

**NOTES:**

- Actual quantities of repairs shall be approved by the Engineer.
- If Temporary Shoring and Cribbing is required to perform a concrete repair, shoring and repair shall be done with no live load on the bridge.

**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	61
Epoxy Crack Injection	Foot	60
Temporary Shoring and Cribbing	Each	2

**benesch**  
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Alfred Benesch & Company  
205 North Michigan Avenue, Suite 2400  
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312-565-0450 Job No. 10093

FILE NAME = 0161026.60J16\_017\_pierrepair47.dgn

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DESIGNED - JLS  
CHECKED - AJK  
PLOT SCALE =  
DRAWN - FSM  
PLOT DATE = 12/20/2013  
CHECKED - AJK

REVISIED -  
REVISIED -  
REVISIED -  
REVISIED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PIER 47 CONCRETE REPAIR DETAILS**  
**STRUCTURE NO. 016-1026**

SHEET NO. SF17 OF SF17 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2013-038B-R	COOK	821	560
CONTRACT NO. 60J16				
ILLINOIS FED. AID PROJECT				

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