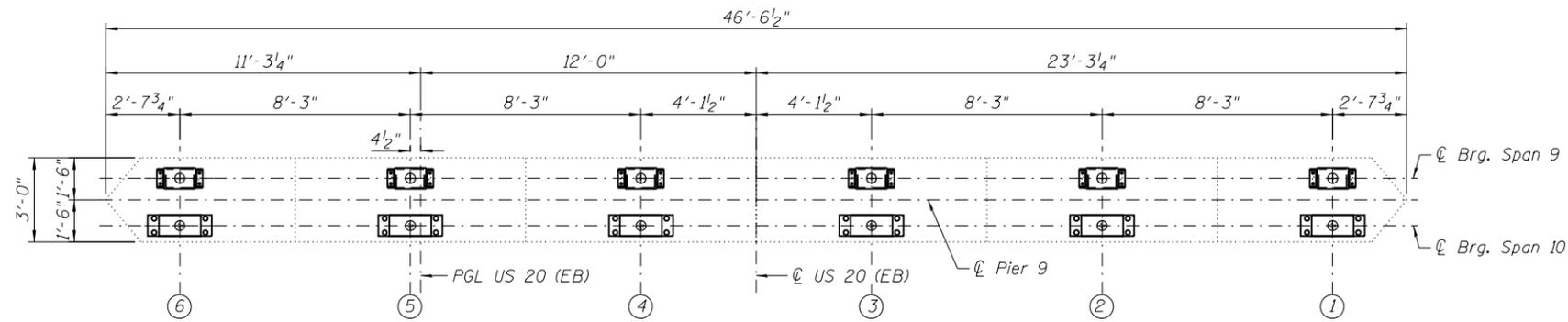


**BILL OF MATERIAL**

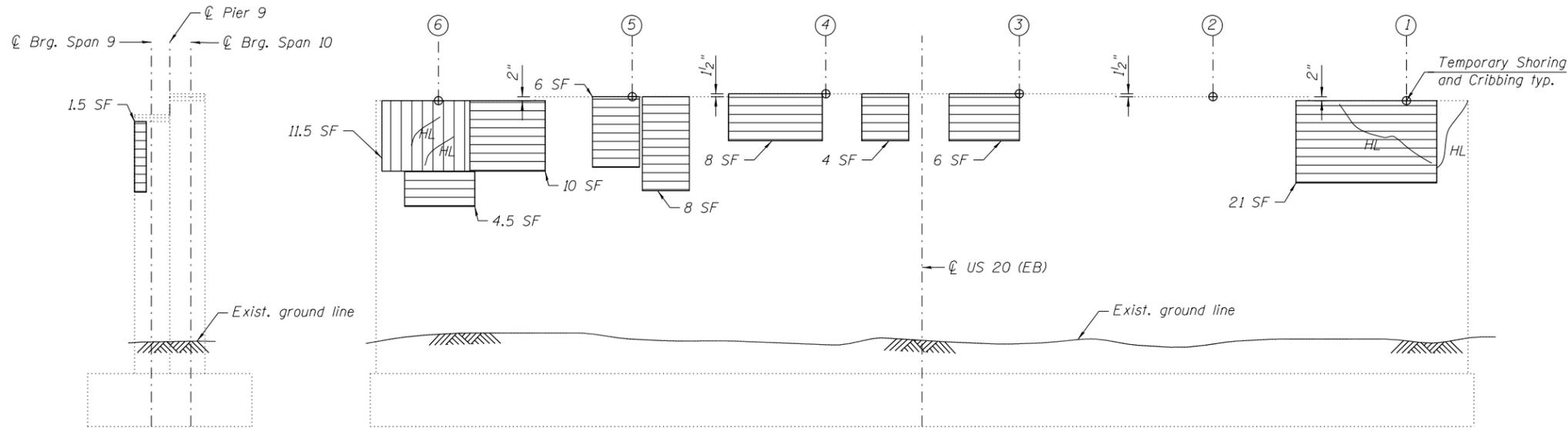
ITEM	UNIT	QUANTITY
Concrete Sealer	Sq. Ft.	1194
Cleaning Bridge Seats	Sq. Ft.	136
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	128
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq. Ft.	19
Temporary Shoring and Cribbing	Each	12

**NOTES:**

- For General Notes and Total Bill of Material, see Sheet S02.
- Quantities and limits shown are estimated for bidding purposes only. The actual areas to be repaired and the type(s) of repairs to be used will be determined by the Engineer in the field at the time of construction.
- The Contractor is responsible to remove, support and reinstall all existing utilities interfering with the work. Cost shall be included with Structural Repair of Concrete (depth equal to or less than 5").
- For bearing replacement type and details, see Sheets S18 and S19.
- Temporary Shoring and Cribbing shall be installed prior to the start of the structural repair of concrete and shall be removed after the removal and replacement of the bearings.
- Concrete Sealer shall be applied to the top bearing area and all exposed faces of pier.



**PLAN**

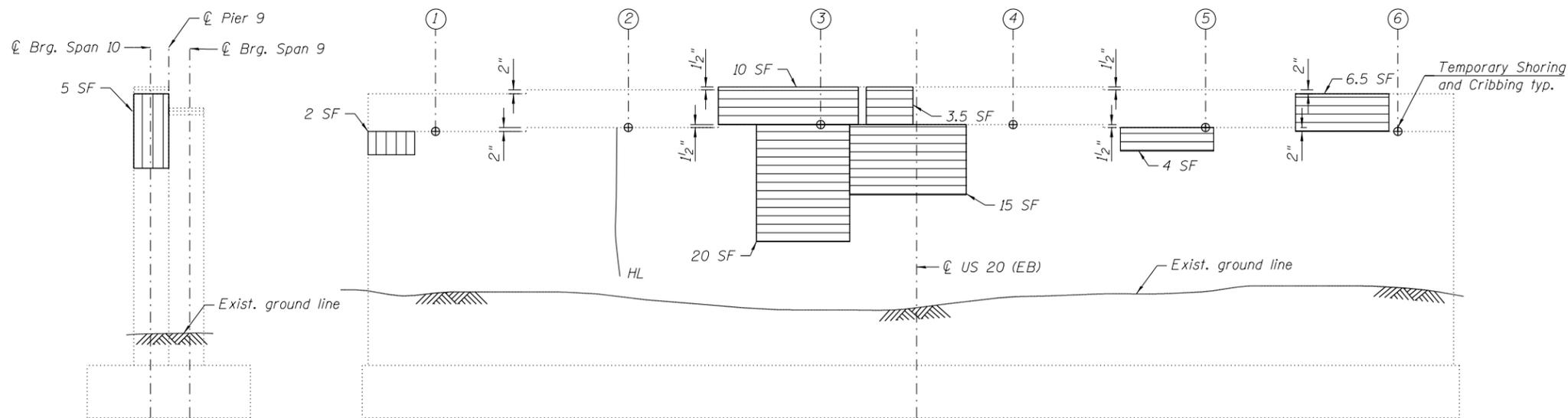


**WEST END ELEVATION**

(Looking East)

**ELEVATION**

(Looking North)



**EAST END ELEVATION**

(Looking West)

**ELEVATION**

(Looking South)

**LEGEND**

- Structural Repair of Concrete (Depth Equal to or Less Than 5")
- Structural Repair of Concrete (Depth Greater Than 5")
- Temporary Shoring and Cribbing, existing bearing removal and replacement with fixed bearing
- Temporary Shoring and Cribbing, existing bearing removal and replacement with elastomeric bearing Type II
- Hairline Cracks (HL) (Width <0.06")
- SF - Square Foot
- HL - Hair Line
- Temporary Shoring and Cribbing

**HBM**  
ENGINEERING GROUP, LLC  
CONSULTING & DESIGN  
INSPECTION & TESTING  
RESEARCH & TESTING

4415 WEST HARRISON ST.  
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DATE - 03/13/2013

DESIGNED - HH, JJS  
CHECKED - MI  
DRAWN - HH  
CHECKED - MAI, MI

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PIER 9 REPAIRS  
EB US ROUTE 20 OVER PECATONICA RIVER STRUCTURE NO. 089-0042**

SHEET NO. S25 OF S26 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0301	(177-4B-11M)	STEPHENSON	43	42
CONTRACT NO. 64J24			ILLINOIS FED. AID PROJECT	