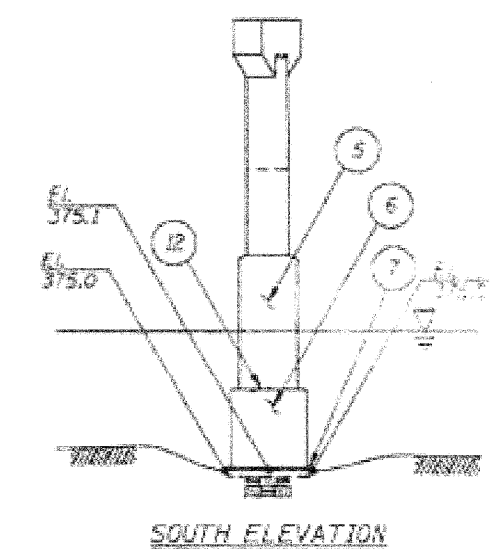
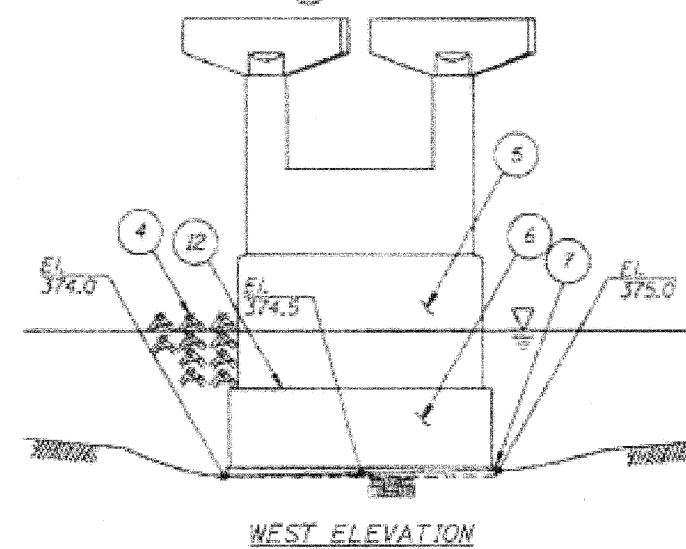
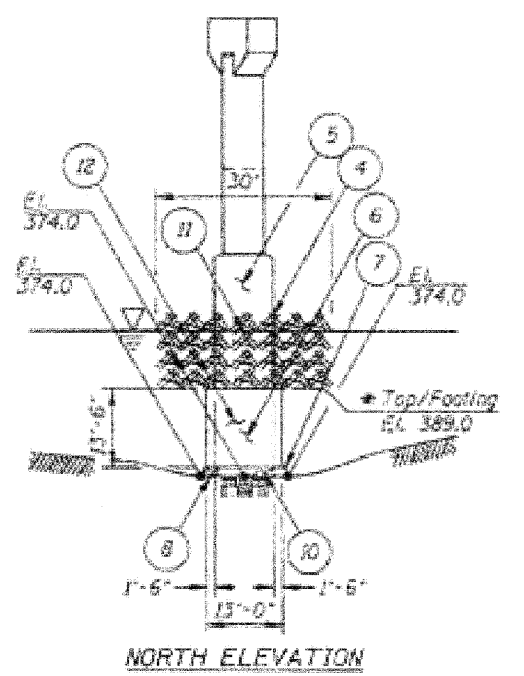
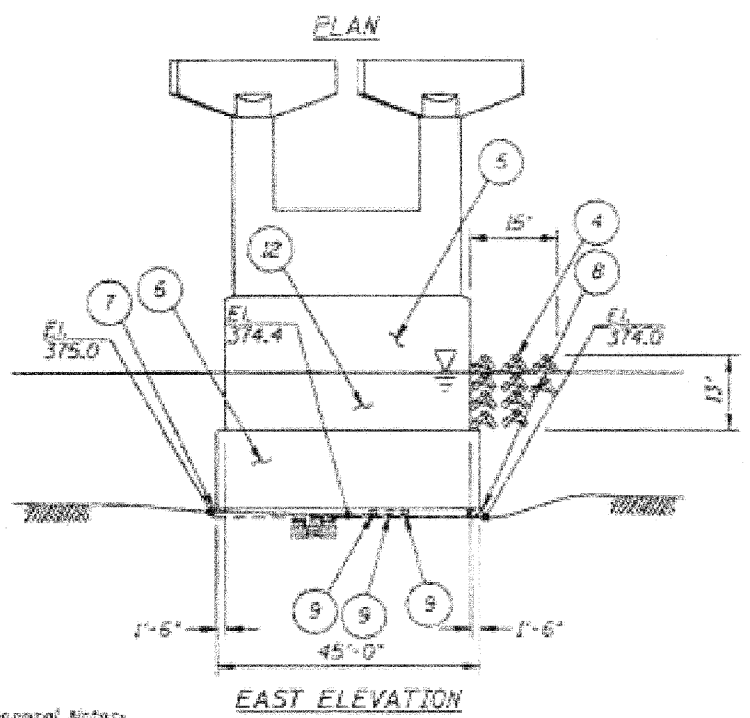


FOR INFORMATION ONLY

Inspection Notes:

- 1 The channel bottom material around Pier 18 typically consisted of bedrock with no probe rod penetration possible. Along the east side of the pier, the bedrock channel bottom was rough and irregular while along the west side, the channel bottom was smoother.
- 2 25-foot-radius, 4-foot-deep scour depression located around the entire perimeter of the pier.
- 3 Sand infilling with up to 6 inches of probe penetration located on the channel bottom around the downstream end of the pier.
- 4 Light accumulation of timber debris extending out from the upstream nose in a 15-foot-radius. The debris consisted of branches and trees up to 1.5 feet in diameter and extended from 3 feet above to 10 feet below the waterline.
- 5 Random hairline map cracking above the waterline on all faces of the pier.
- 6 13.5-foot-high footing completely exposed around the entire perimeter of the pier.
- 7 6-inch-wide concrete step extending from the bottom of the footing into the channel with vertical exposures as noted. Random timber formwork was found along the faces of the step in various locations. The surface of the concrete step was typically rough but sound.
- 8 1.5-foot-high area of section loss with up to 2.5 feet of penetration located on the 6-inch-wide concrete step. The section loss extended for 2 feet along the north face and for 2.5 feet along the east face.
- 9 Area of section loss on the 6-inch-wide concrete step, measuring 1 foot long by 2 inches high, with up to 4 inches of penetration.
- 10 Several areas of section loss on the upstream vertical face of the 6-inch-wide concrete step, measuring 6 inches in diameter, with up to 3 inches penetration.
- 11 Band of light scaling with less than 1/4 inch of penetration extending from 1 foot above to 3 feet below the waterline on the upstream nose of the pier.
- 12 No damage on the pier wall or the footing.



General Notes:

1. At the time of inspection on October 12, 2004 the waterline was located approximately 13 feet below the top of the pier wall at the downstream nose of Pier 24. This corresponds to a waterline elevation of 399.0 based on the 1961 design plans.
2. Soundings indicate the channel bottom elevation at the time of inspection and are measured in feet.

* Elevation per design drawing provided by IDOT.

LEGEND:

- 393.5 Channel Bottom Elevation
- 4 Indicates Inspection Note Number
- ▒▒▒▒ Pier Founded on Rock
- ▒▒▒▒ Channel Bottom Material
- (4) Vertical Exposure of 6-inch-wide Step Face

ILLINOIS DEPARTMENT OF TRANSPORTATION	
I-270 OVER MISSISSIPPI RIVER STRUCTURE NUMBER: 060-0035	
PIER 18 INSPECTION NOTES	
Drawn By: DR	Date: OCT., 2004
Checked By: ART	Scale: 1"=20'
Code: 39790012	Figure No.: 19

SHEET NO. 36	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	270	60B-I-8	MADISON	49	49
36 SHEETS			CONTRACT NO. 76A92		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT					

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