



## Construction Spotlight: Ringer Cranes

Ringer cranes will be used to place river bridge deck segments at Piers 10 and 11, and Pier 13 on the Wisconsin bluff. The bridge deck at Piers 8, 9 and 12 will continue to be constructed using segment lifters designed specifically for the St. Croix Crossing project. Ringer cranes have been secured to accelerate the bridge deck construction process by allowing the contractor to place segments at all five river piers and Pier 13 at once.

### Piers 10 & 11 River Bridge Deck Construction

- Ringer crane is placed on a barge in the middle of the St. Croix River
- Crane will travel to the bridge construction site via barge from Winona, Minnesota
- Boom will be assembled on site
- Crane will lift and place segments at both Piers 10 & 11 – it will switch back and forth between the pier locations
- Crane platform size: 80 ft. x 260 ft. – platform size is limited to help share the waterway with boaters and others enjoying the St. Croix River

### Pier 13 River Bridge Deck Construction

- A second ringer crane is placed on a temporary crane pad constructed adjacent to the Wisconsin shoreline, similar to the Pier 8 causeway near Minnesota land
- Crane will arrive in pieces by truck – 50 semi-loads total!
- Contractor will transport parts by boat/barge from Minnesota to the crane pad for assembly
- Crane assembly timeline: 1 month
- Crane will lift and place segments between Pier 13 and the east abutment on the Wisconsin bluff

### MANITOWOC 888 RINGER CRANE FAST FACTS

ORIGIN: MANITOWOC, WI

PAST PROJECTS: POWER  
PLANT CONSTRUCTION  
PROJECTS IN AR AND TX

UNIQUENESS: 4 TOTAL IN U.S.

BOOM LENGTH: 250 FT.

LIFTING CAPACITY: 660 TONS

AVERAGE ST. CROIX RIVER  
BRIDGE SEGMENT WEIGHT: 180  
TONS



Ringer cranes were used to build the new I-35W bridge in Minneapolis, Minnesota.

### STAY WITHIN THE ST. CROIX RIVER NAVIGATION CHANNEL



There are an average of 14 cranes servicing the St. Croix Crossing project daily. Construction sites are confined and incredibly congested with crews, boat/barges, vehicles and equipment. On water, be safe and stay within the red and green buoys that mark the river navigation channel.

### Stay Connected

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