



South 1st Street Bascule Bridge Construction Update



August 30, 2017

Construction on the South 1st Street Bascule Bridge began on July 10, 2017 and is proceeding on schedule for a November 2018 completion. The construction work began on the south leaf, or south half, of the bridge. The south leaf is closed, while the north leaf is kept in the open position for river navigation. The south approach fixed-span concrete deck, steel railing, and most of the structural steel grid deck, framing, and machinery on the south movable span that needed to be replaced have been removed. The blast cleaning and painting operation is scheduled for late September/early October.

During the off-navigation season between November 20, 2017 and April 1, 2018, the contractor intends to close both leaves to work on both halves of the bridge. During this period, a new electrical cable will be installed across the channel and buried several feet under the riverbed.

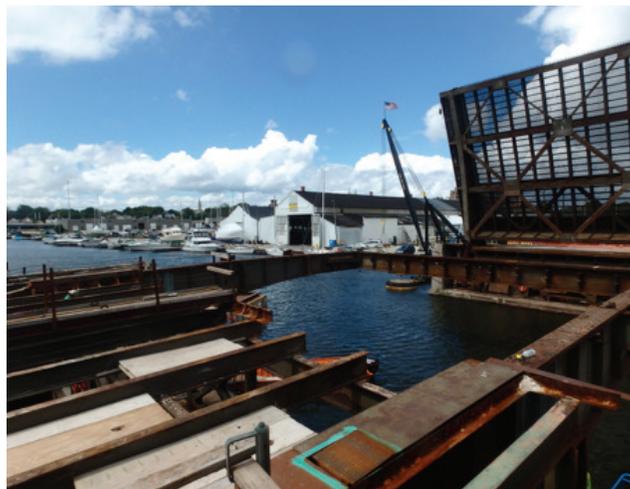
Beginning April 2018, the contractor will permanently raise the south leaf for navigation and keep the north leaf closed until the completion of this project.



Looking at the inside of the South Leaf West Bascule Girder Trunnion. It is the Pinion/Bearing the bridge rotate about when opens and closes. You see Zenith Tech worker trying to loosen large bolts installed about 65 years ago.



Looking South at the North Approach showing the North Leaf in the Open Position.



Looking down and northwest at the skeleton or remaining steel framing of the South Fixed Approach Span and the South Leaf Bascule Girders and one Floor Beam after the removal of the Steel Grid Deck, Sidewalks, Framing Steel, and South Approach Concrete Deck.

Looking north from the South Pier where the work is going on at the North Pier supporting the North Leaf in the Open Position.



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