

## SEE TIME LAPSE VIDEO: CT highway bridge replacement viewed as a success

By Shelton Herald on July 21, 2014

A time-lapse video of the replacement of two Connecticut highway bridges has been released by Gov. Dannel P. Malloy.

The \$6 million project to replace the Interstate 84 bridge over Marion Avenue in Southington (Plantsville section), which was scheduled for completion in July 2014, was finished ahead of schedule during the weekend of June 28 and 29.

The time-lapse video of the project, produced by [Earth Cam Inc.](#) for the state Department of Transportation, may be viewed here on Gov. Dannel P. Malloy's YouTube channel: [www.youtube.com/watch?v=SAAMx0W-7S8&feature=youtu.be](http://www.youtube.com/watch?v=SAAMx0W-7S8&feature=youtu.be)

An engineering and construction process known as ABC — for accelerated bridge construction — was used, in which new bridges are built adjacent to the old ones and are then lifted into place when ready.

'Took a creative approach'

"By employing ABC principles," Malloy said, "the Connecticut Department of Transportation took a creative approach to virtually eliminate what would have been many months or even years of traffic disruptions and congestion on I-84 and the local roads surrounding the project."

Beginning in the summer of 2013, DOT contractor Northern Construction utilized ABC techniques to prefabricate new bridge superstructures to replace the existing bridge's units that were built in 1963 and have since fallen into poor condition.

Bridges are 120 feet long

Only one weekend closure of I-84 was required for the replacement and installation of the two new 102-foot-long bridges, weighing 2 million pounds each.

The state DOT has used ABC in the past on a smaller scale, but the replacement of the I-84 bridges in Southington marks the first time that the technique has been used on a large-scale construction project.

