

## Brattleboro Bridge

Brattleboro, VT

### Project Description

The I-91 Brattleboro Bridge is a new 3-span cast-in-place segmental bridge. This structure will carry both Northbound and Southbound lanes of I-91 once complete, replacing two existing separate truss structures built in the 1950's. The main span is 510' long with symmetrical 263' side spans. Segments double cell boxes that are 104'-8" wide and 30' deep at the pier.

### Owner

Vermont Agency of Transportation

### Contractor

PCL

### Designer

FIGG

### Our Role

McNary Bergeron provided construction engineering services to the design build team including an independent review and adaption of the form traveler system for the new bridge, and plans and procedures for demolition of the existing bridge. The existing bridge consisted of a cantilevered truss with a suspended span, with a 440' main span. The form traveler system consisted of three main support horses and adjustable form-work that can accommodate the variable depth webs and variable width bottom slab.

### Total Contract Value

\$60 million

### Timeline

2013 - 2016

### Construction Method and Specifications

Construction method was cast-in-place with form traveler, using the balanced cantilever method. Demolition of the steel trusses was performed using a reverse construction process.

