



Middlebury

VT 125 BRIDGE 13

VT 125 - Bridge 13 over Middlebury River • Middlebury RS 0174(8)

Public Information Meeting

February 26, 2014



Rochester/Middlebury/Warren

BRIDGE PROJECTS



**PARSONS
BRINCKERHOFF**

Introductions

- Mark Mackintosh - VTrans Regional Construction Engineer
- Jennifer Fitch - VTrans Project Manager
- Erik Filkorn - VTrans Public Outreach Manager
- Terry Buck, Brian Emmons, Harry Pottle - T. Buck Construction
- Joanne Frascella - Parsons Brinckerhoff

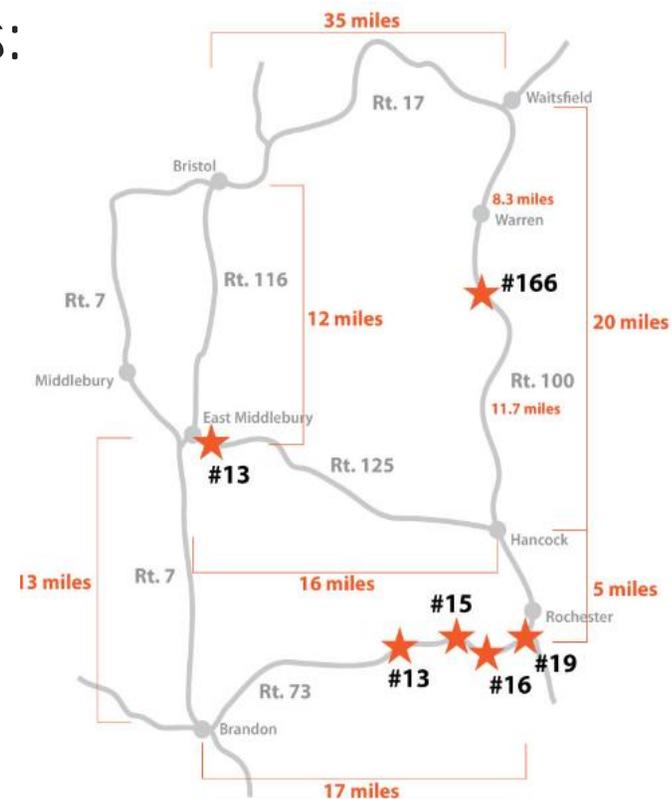
Meeting Overview

- Project Overview
 - Purpose and Need
 - Bridge Design
- Project Update
- Construction Methods and Schedule
- Construction Period Travel Routes
- Public Information During Construction
- Questions and Comments

Rochester/Middlebury/Warren Projects

Six Bridge Replacement Projects:

- Middlebury VT 125 Bridge 13
- Rochester VT 73 Bridge 15
- Rochester VT 73 Bridge 16
- Warren VT 100 Bridge 166
- Rochester VT 73 Bridge 13
- Rochester VT 73 Bridge 19 (no closure)



Middlebury VT 125 Bridge 13 Existing Bridge Conditions

Roadway:

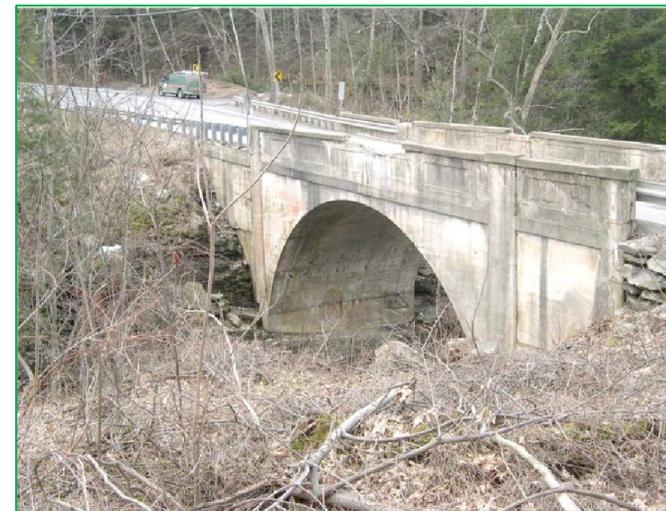
- Substandard curb-to-curb width of 20'6"
- No sidewalk

Bridge:

- Constructed in 1924
- Poor condition



Middlebury VT 125 Bridge 13 Existing Bridge Conditions



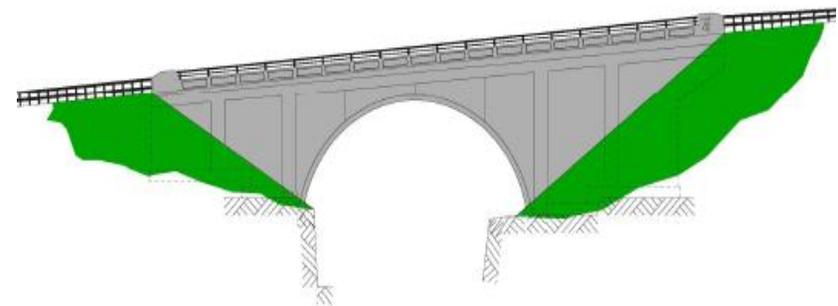
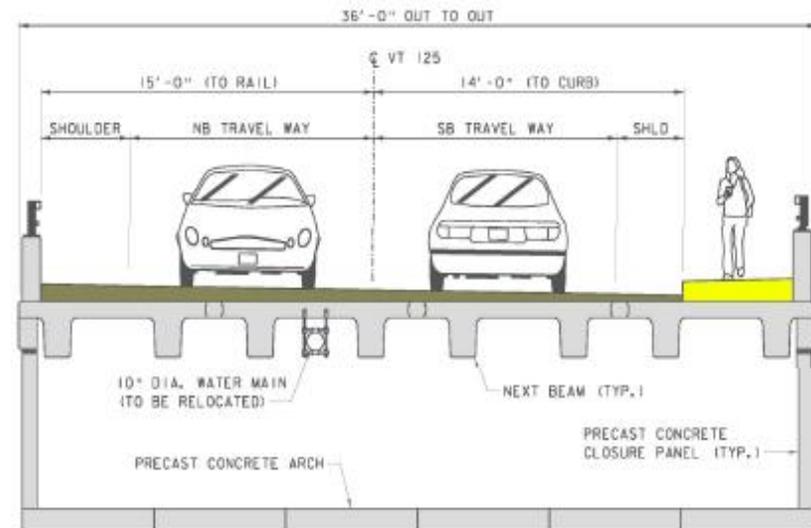
Future Site and Bridge Design

Roadway:

- Curb-to-curb width of 36'
- Wider travel lanes, shoulders and sidewalk

Bridge:

- Precast NEXT Beam Bridge over Precast Arch
- Innovative Design Solution Provides Arch Aesthetic and Addresses Geological Concerns



Advantages of Bridge Design

- No Impacts to Recreational Resource
- No Impacts to Archaeologically Sensitive Areas
- Reduced Impacts to Adjacent Properties
- Reduced Impacts to Corridor (Trees and Vegetation)
- Reduced Construction Cost
- Reduced Construction Time
- No Impacts to Slope Along North Side of VT 125
- Improved Drainage

Project Milestones

- Preliminary Plans – June 2012
- Permitting – October 2012
- Final Design – April 2013
- Right of Way – June 2013
- Bid Advertisement – September 2013
- Contract Award – November 2013
- Pre-Construction – February 2014
- Construction – April/May 2014
- Final Completion – August 22, 2014

Construction Methods

- Accelerated Bridge Construction (ABC)
- Rapid Bridge Construction Techniques
- Build Bridge Components Off Site
- Bridge Construction Duration: 45 Day Road Closure



Proposed Construction Schedule

- Mobilization: Feb 24th - March 7th
- Construct Platform / gain access: March 10th – March 21st
- Cut & Cap Waterline: March 24th
- Test Blast – Target Date March 26th
- Close Road – April 19th
 - NOISY FOR FIRST 7 DAYS
 - Precast begin April 28th
 - Superstructure begin May 12th
 - Backfilling / road construction begin May 19th

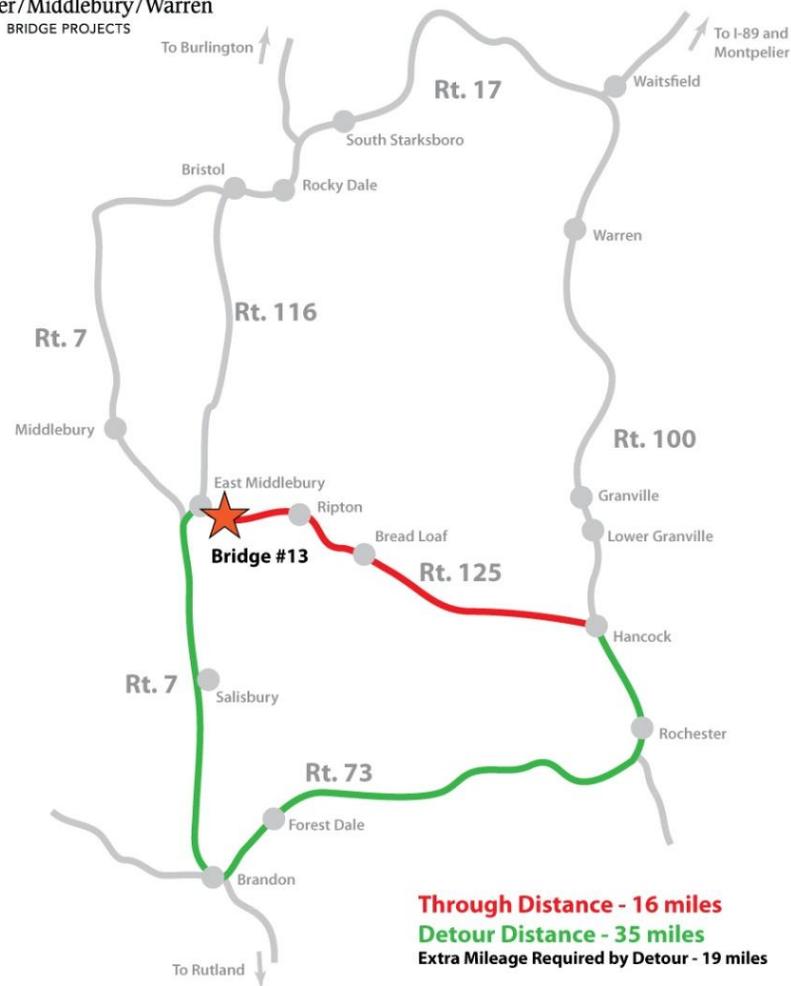
Proposed Construction Schedule

- Road Open – June 2nd
- Work in daily lane closures:
 - Set precast arch panels
 - Construct CIP Coping
 - Finish slopes / rip rap
 - Punch list & Cleanup
- Final Completion : Aug 22nd

Detour Travel Routes



- Bridge Closure Period
April 19– June 2
- After Bridge Closure Period
Alternating one-way traffic
Daily lane closures



Public Information during Project Development

Public Meetings

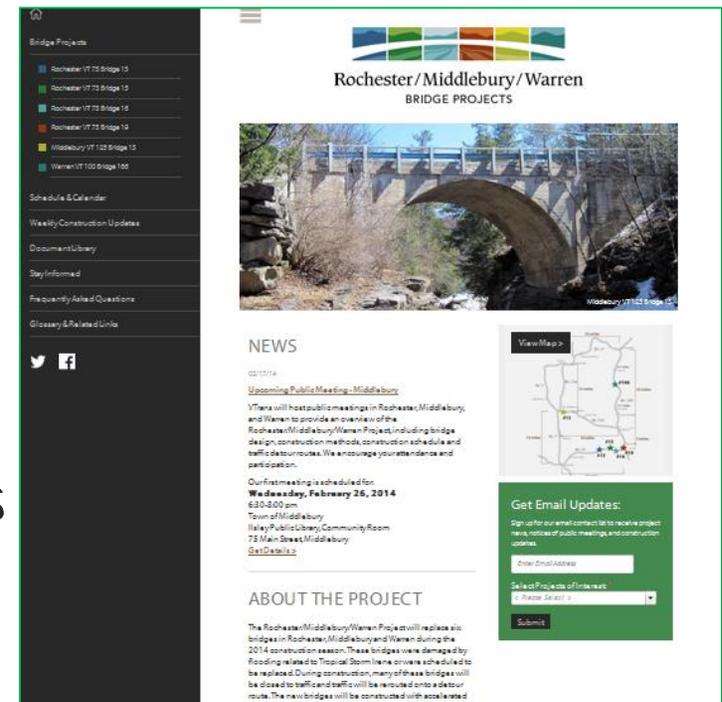
- 1/25/2012
 - Project Definition - Public comments on project scope and key issues

- 8/6/2012
 - Project Design - Public comments on design and potential impacts

Construction Period Updates

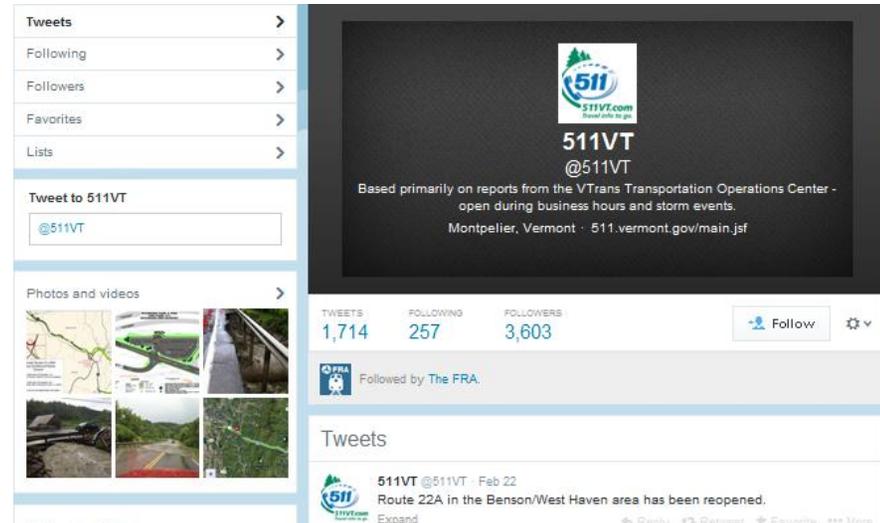
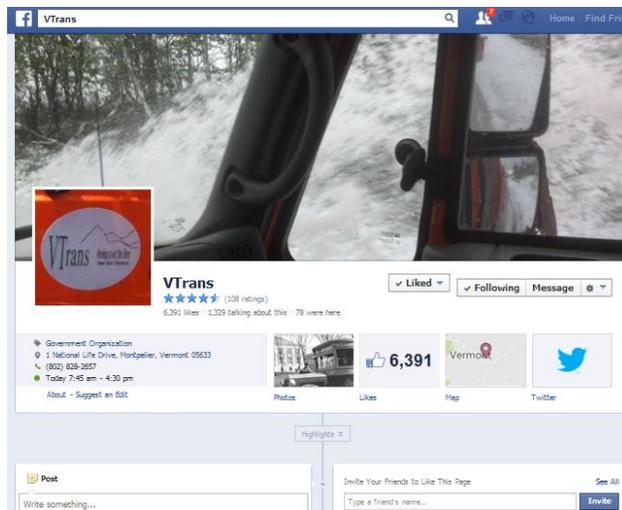
Website:

- Construction Period Updates
- Project Overview
- Frequently Asked Questions
- Submit Question/Comment
- Register for Email Project Updates



www.rm.w.vtransprojects.vermont.gov

For Project News and Updates:



Facebook: <https://www.facebook.com/pages/VTrans/143848835653728>

Twitter: <https://twitter.com/511VT>

Telephone Hotline: (802) 496-3376

Questions and Comments