

Welcome!

Blackstone Street over Blackstone River
Bridge Replacement Project
Sutton | Project File No. 606638

Design Public Hearing
Sutton Town Hall
Wally Johnson Memorial Meeting Room
April 21, 2016 | 7:00 PM

Introduction

- MassDOT Project Manager
 - Manny Patel, P.E. - MassDOT
- MassDOT Design Consultant
 - Mark Gershman, P.E. – BETA Group, Inc.
 - Darshan Jhaveri, P.E. – BETA Group, Inc.

Project Team



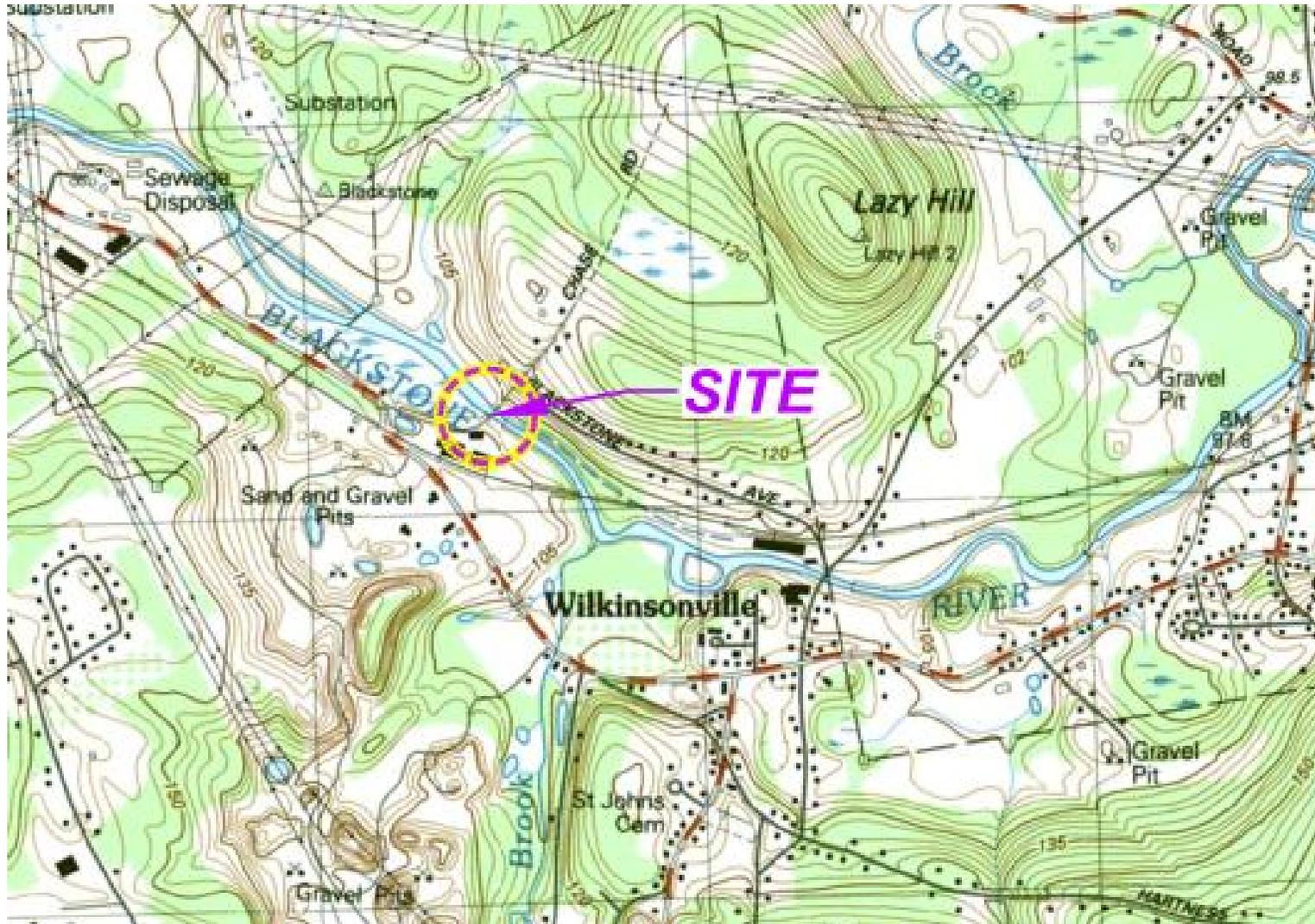
MassDOT Highway Division
Project Proponent

BETA Group, Inc.
Responsible for Design

MassDOT's Highway Division
Responsible for administering the
Design and Construction

Federal Highway
Administration
Responsible for Funding (80%)

Project Area





Why do we need
this project?



Existing Issues

- Functionally Obsolete Bridge (geometry/width)
- Structurally Deficient Bridge (condition)
- Substandard Roadway Width and Alignment
- No Pedestrian Facilities



Existing Issues (cont.)

Located within Blackstone Canal Historic District
Just downstream of the "Singing Dam"
Adjacent to Tri-Centennial Park & Canoe Portage Pathway



Project Goals

- **Functionally Obsolete and Structurally Deficient Bridge**
 - Replace Bridge
- **Substandard Roadway Width**
 - Widen the Bridge & Roadway
- **No Pedestrian Facilities**
 - Add a Sidewalk (upstream side)
- **Sensitive to the Site**
 - Protect / Enhance Adjacent Cultural Resources

Project Scope

- Complete bridge replacement
 - New concrete abutments placed behind the existing abutments
 - New concrete wingwalls
 - Single span bridge & remove the existing pier in the river
 - Pre-stressed concrete beams with a concrete deck and sidewalk
- Roadway improvements
 - Widening two 13 ft lanes
 - 6 ft Sidewalk upstream side
 - Drainage improvements



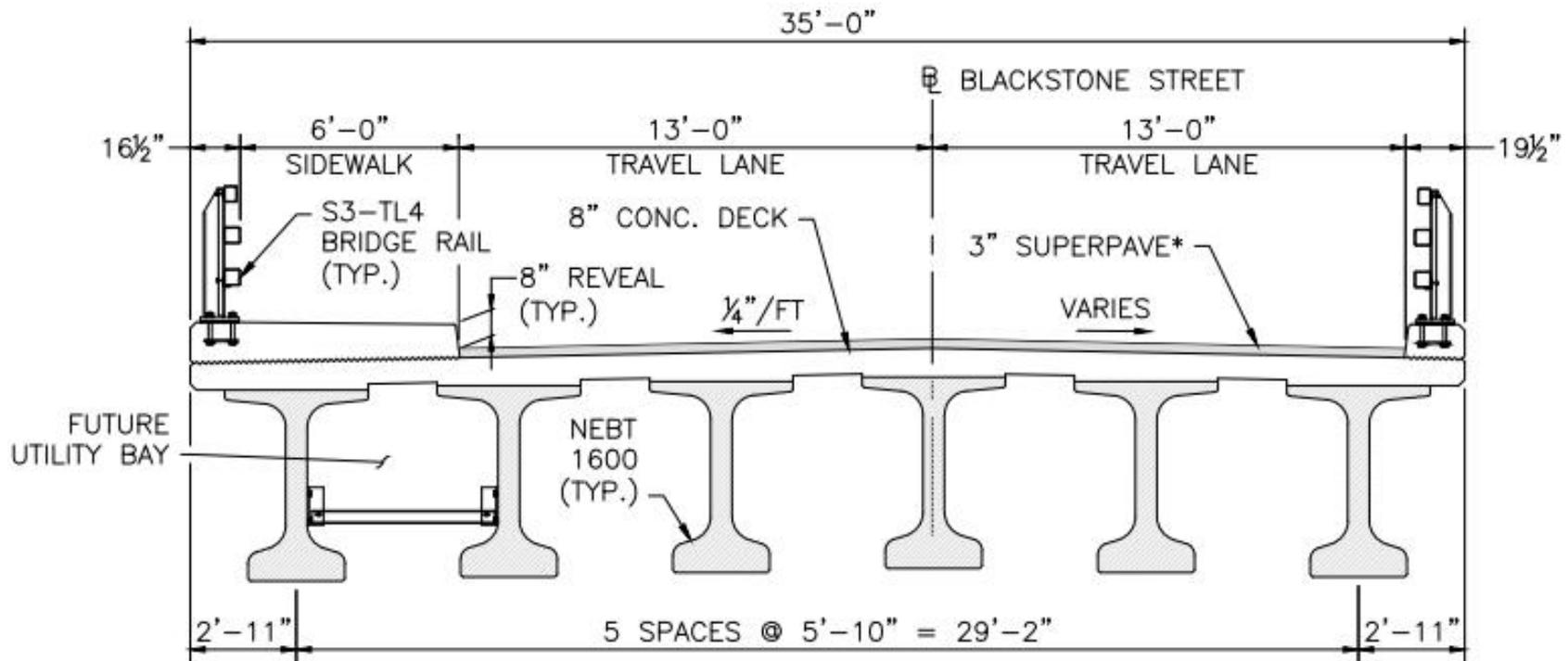
Project Scope

- Site Protection and Enhancement
 - Archeologic investigation / review
 - Protection of adjacent historical features
 - Retain / Reset / Rebuild site features
 - Reconstruct walkway into park
 - Protect boulder in Blackstone River
 - Modify roadway guardrail
 - Color of bridge railing

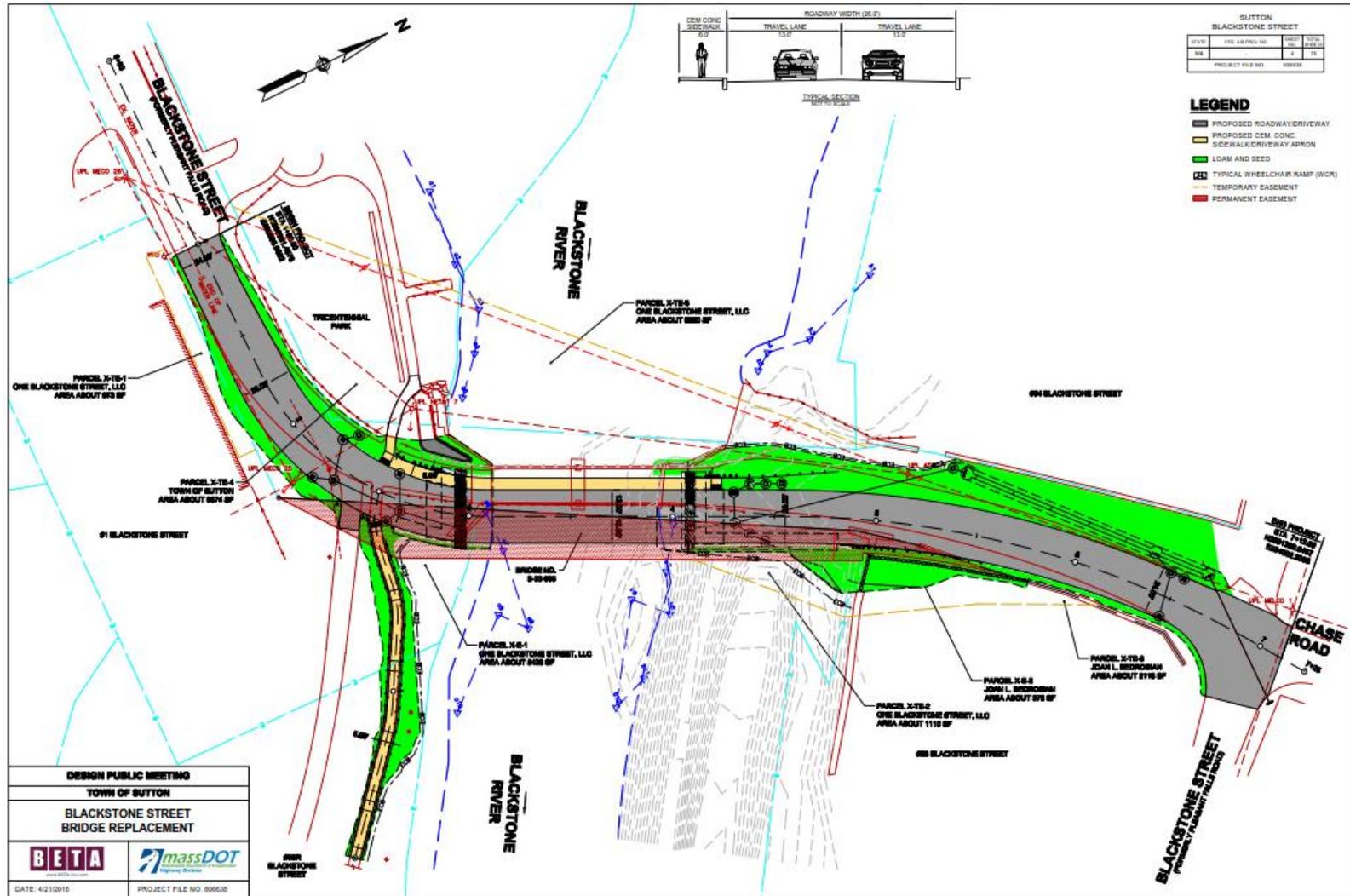




Proposed Improvements



Proposed Improvements



Environmental Permitting



- Exempt from MEPA, Wetlands Protection Act, and Chapter 91
- NEPA – Categorical Exclusion Checklist
- Sections 401 and 404 of Clean Water Act – Water Quality Certificate and Preconstruction Notification
- Chapter 253 Dam Safety Permit
- Endangered Species Act
- National Historic Preservation Act - Section 106 / DOT Act - Section 4f
- Community members can participate through Design Public Hearing and public comment period for Water Quality Certificate & ACOE Permit



How will traffic
be affected?





ALERT: Traffic Impacts

- Bridge will be closed during construction
 - Very tight site
 - Need room for crane, construction equipment and materials
- Detour route
Blackstone Street to Depot Street to
Providence Road (Route 122A) & back
to Blackstone Street



Detour Route





ALERT: Traffic Impacts

- Depot Street Bridge
 - Repairs made prior to closing of Blackstone Street Bridge
 - Repairs to the concrete deck



Project Schedule

25% Design Submittal
July 22, 2015

100% Design Submittal
December 27, 2016

Design Public Hearing
April 21, 2016

Project Advertised
for Construction
October 2017

Comments / Questions?



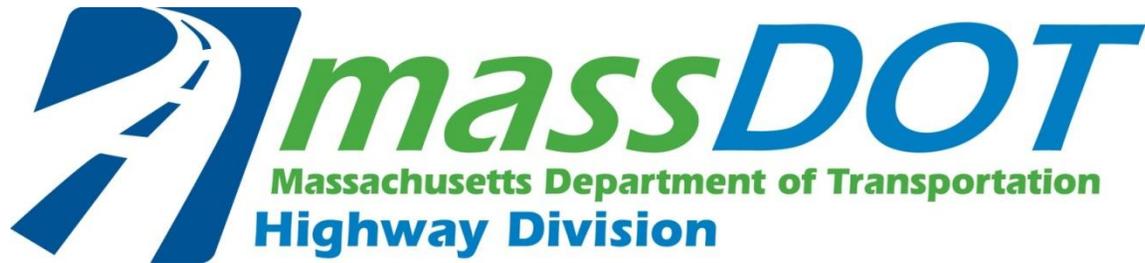
- Provide Written Comments
 - Last page of brochure (hand-in tonight or place in the mail)
- Email comments directly to MassDOT
 - dot.feedback.highway@state.ma.us
 - Subject Line: Pubic Hearing Comments: Project File No. 606638
- MassDOT Website
 - <http://www.massdot.state.ma.us/highway/ProjectInfo.aspx>
 - Click "Project Info" (lower right)
 - City "Select a City" , scroll down and select "Sutton"
 - Click on Project Number 606638 (left hand side)
 - Click on the mailbox next to Project Manager's Name

Comments / Questions?



- MassDOT Website

Project No.:	606638
Project Manager:	Manhar Patel
Project Description:	SUTTON- BRIDGE REPLACEMENT, S-33-005, BLACKSTONE STREET OVER BLACKSTONE RIVER
Enter Sender Name:	<input type="text"/>
Enter Sender Email Address:	<input type="text"/>
Enter Text of Email:	<input type="text"/>
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Thank You

Q&A

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