



Bridge Replacement Project
MBTA Franklin Line over East Street
Westwood Public Meeting – Construction Update
Westwood, MA

October 11, 2017

Agenda

- Construction Team
- Project Status
- Project Overview/Goals
- Existing Conditions
- Roadway Details and Impacts
- Structure Details
- Schedule
- Questions



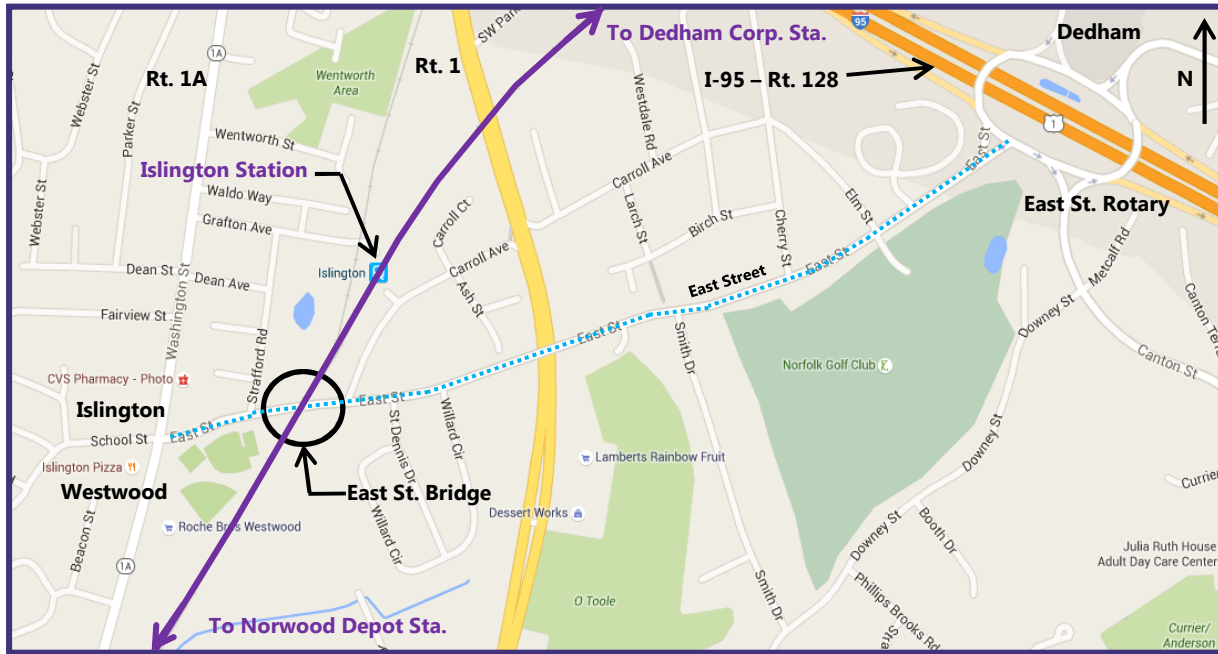
Construction Team

- MBTA – Owner, Project Manager, Resident Engineer
- Barletta Heavy Division – Prime Contractor
 - Private Utility Companies
- VHB – Design Consultant
- Town of Westwood

Project Status

- Town Public Meeting – November 2016
- Design Completed – April 2017
- Project Bid – May 2017
- Project Awarded to Barletta Heavy Division – July 2017
- Contractor NTP – August 2017
- Construction Planning and Initiation

Project Overview – East Street Bridge Westwood, MA



Eastbound



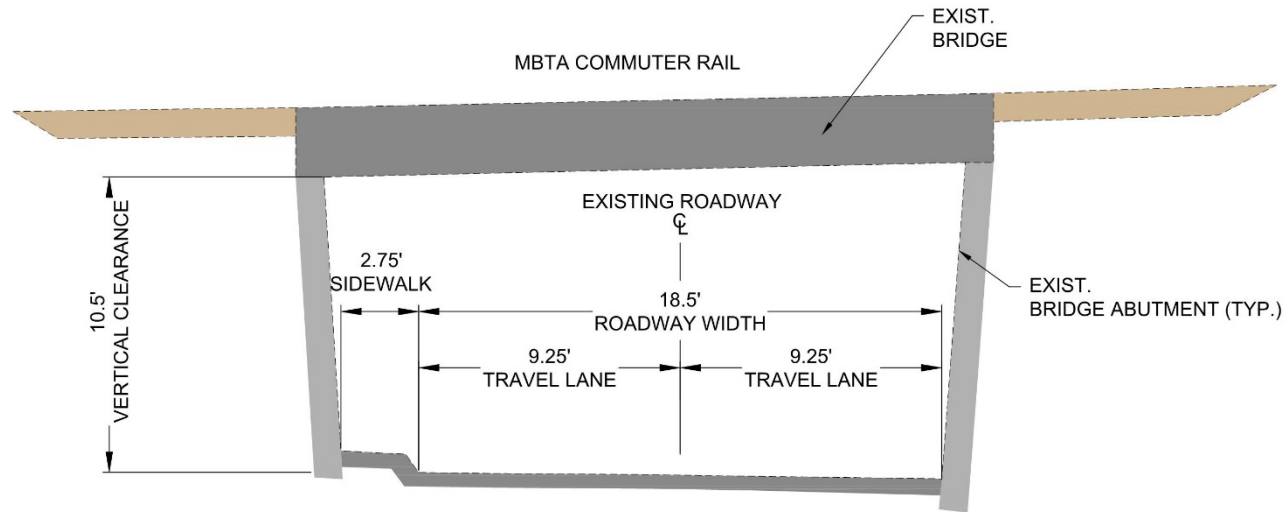
Westbound

Project Goals

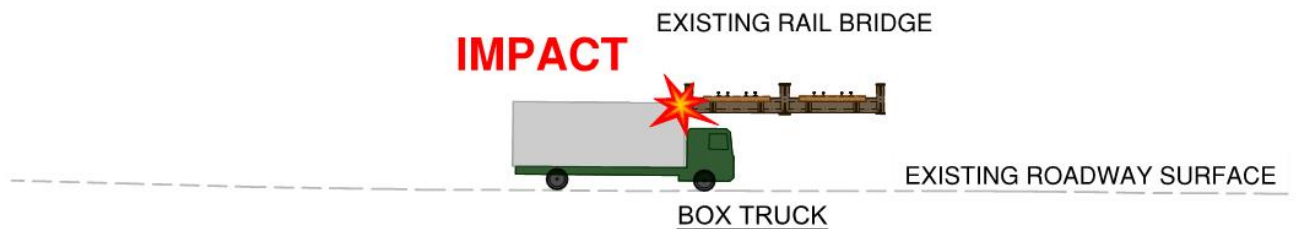
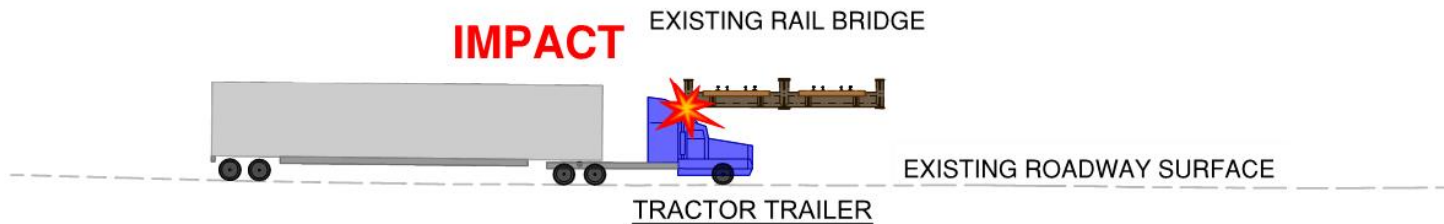
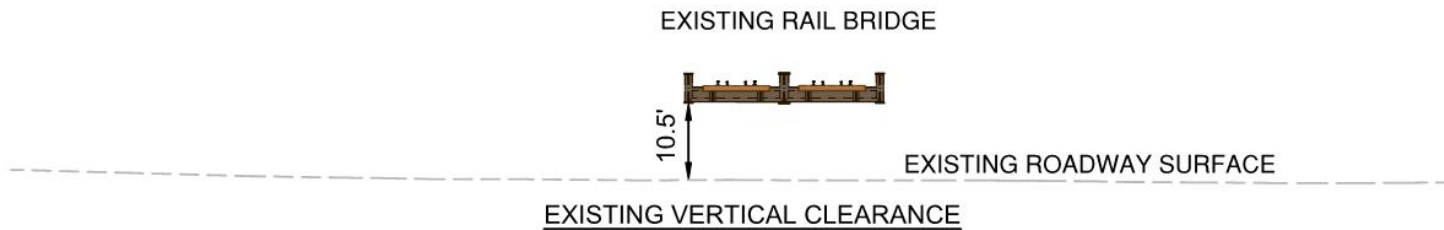
- Design Goals
 - Improve Safety for All Users
 - Improve Vertical Clearance
 - Improve Roadway Width
 - Minimize Impacts

- Construction Goals
 - Adhere to project schedule
 - Working successfully around shutdowns
 - Minimize disruption to traveling public

Existing Conditions

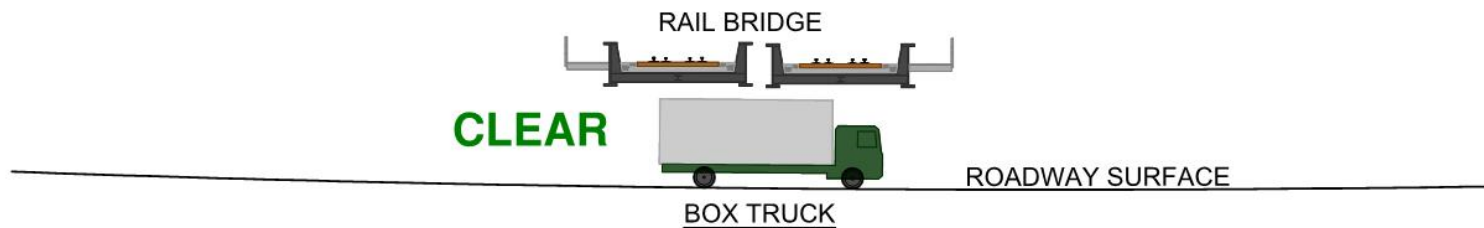
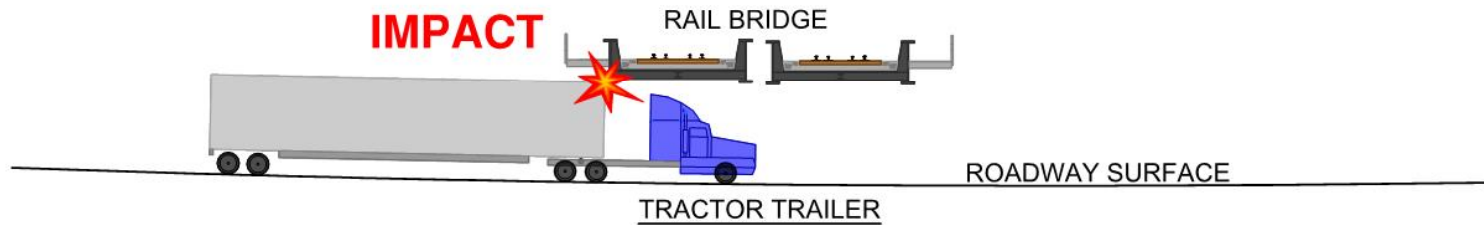
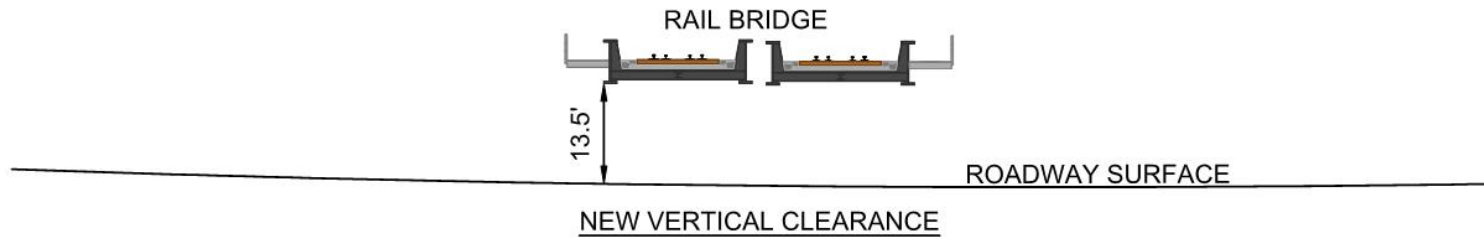


Addressing the Problem



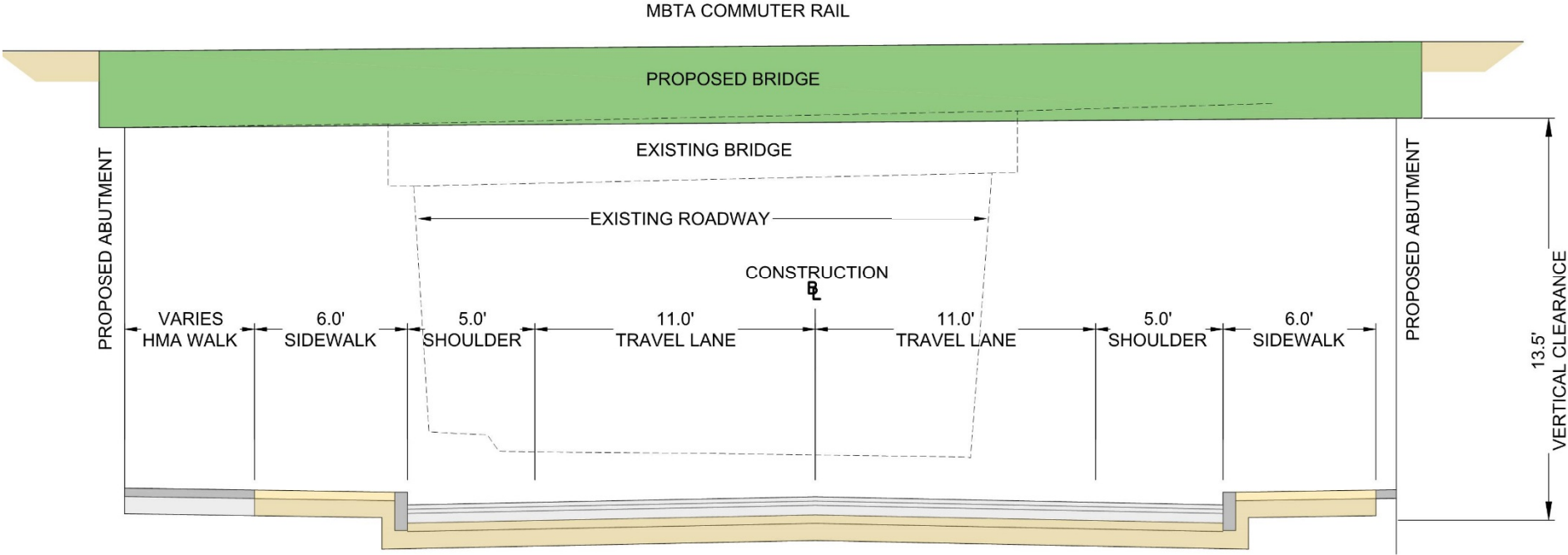
EAST STREET - WESTWOOD, MA
BRIDGE CLEARANCE FIGURES

Addressing the Problem



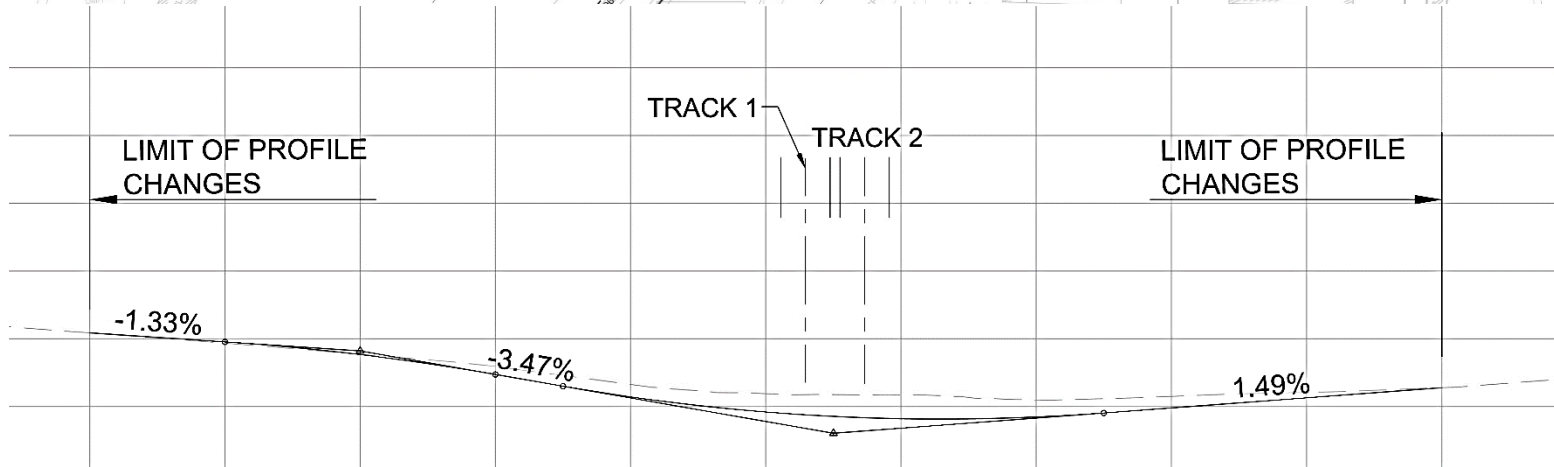
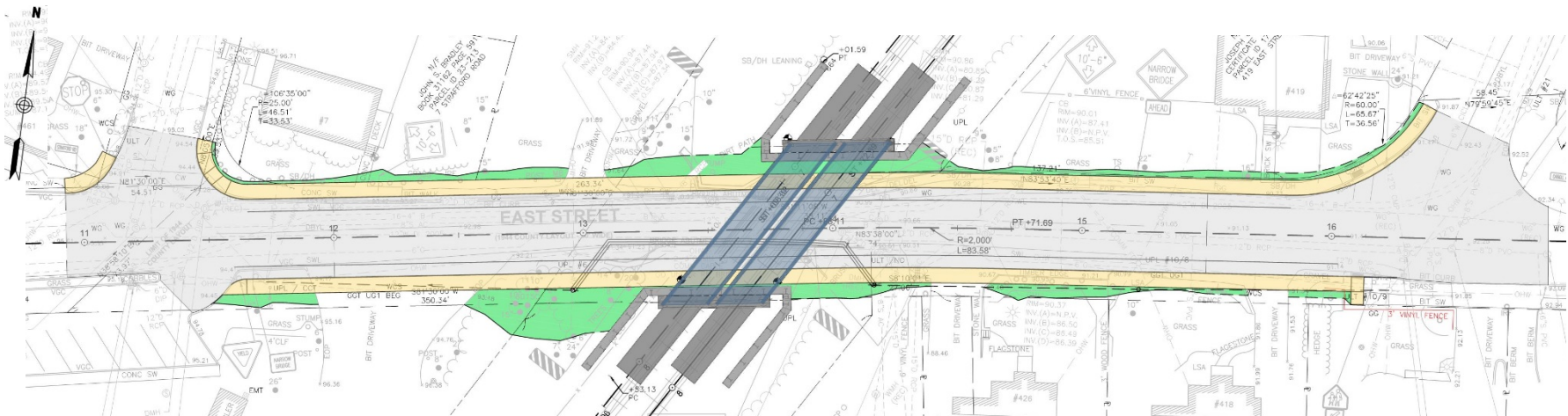
EAST STREET - WESTWOOD, MA
BRIDGE CLEARANCE FIGURES

New Roadway Cross-Section



Roadway Plan & Profile

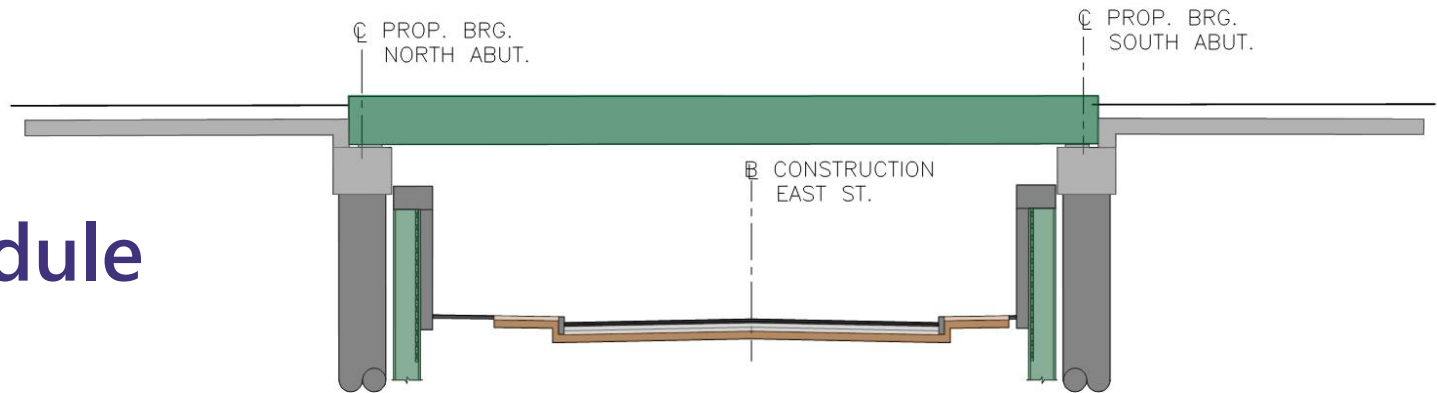
- Lower Roadway Approximately 18"
- Requires Utility Relocation
- Minor Impacts to Surrounding Private Properties (regrading at sidewalks & driveways)



Proposed Structure



Schedule



- **August 2017:** Construction Phase Began
- **Late Fall 2017 Through Early Spring 2018:** Foundation Work
- Drilled Shafts/Soldier Pile Installation
- **Spring 2018:** Begin Utility Work
- **June & July 2018:** Preassembly of New Bridge Structures in Laydown Yard
- **August 2018:** 2 Weekend Closures (Roadway and Track) for Bridge Installations
- **Fall 2018:** F/R/P Retaining Wall Work
- **Spring/Summer 2019:** Completion of Roadway Work and Final Construction

Questions?

