







Bridge Replacement Project MBTA Franklin Line over East Street

Westwood, MA

Westwood, MA



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

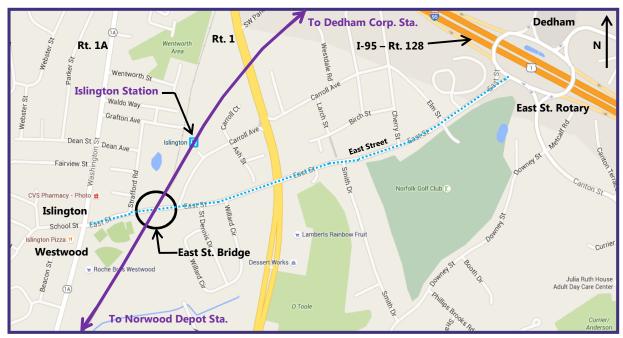
Construction Team

- 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







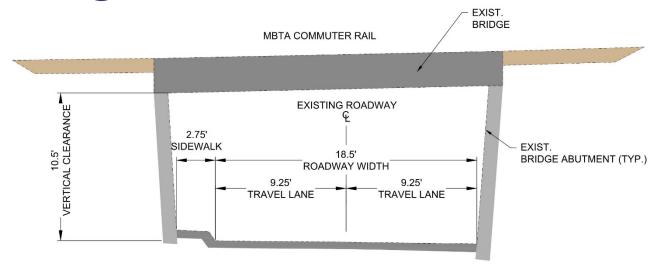
Eastbound

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





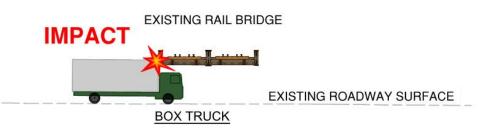
Addressing the Problem

EXISTING RAIL BRIDGE

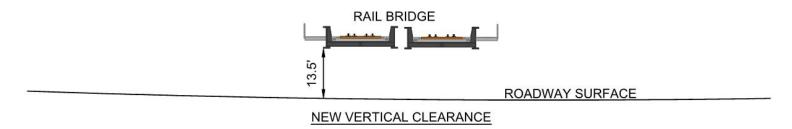


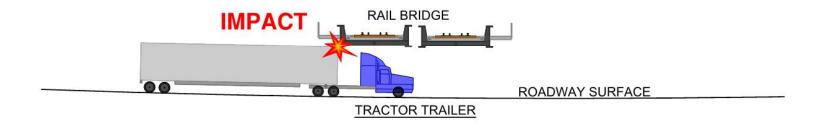
EXISTING VERTICAL CLEARANCE

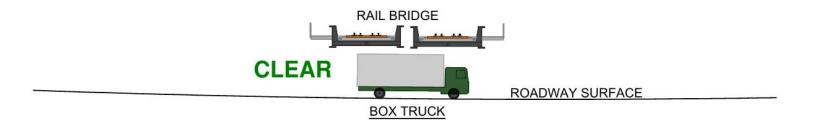




Addressing the Problem

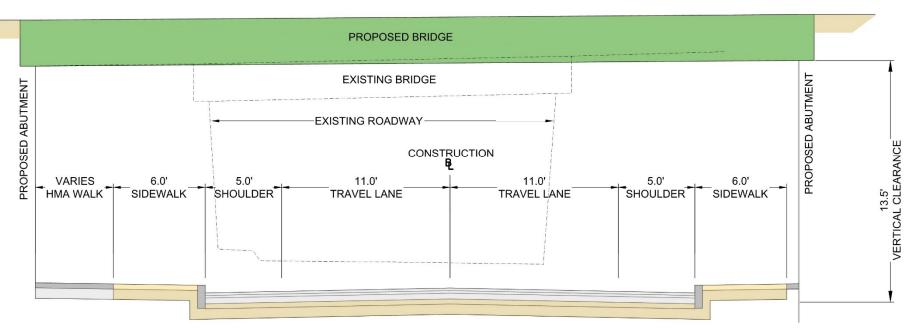






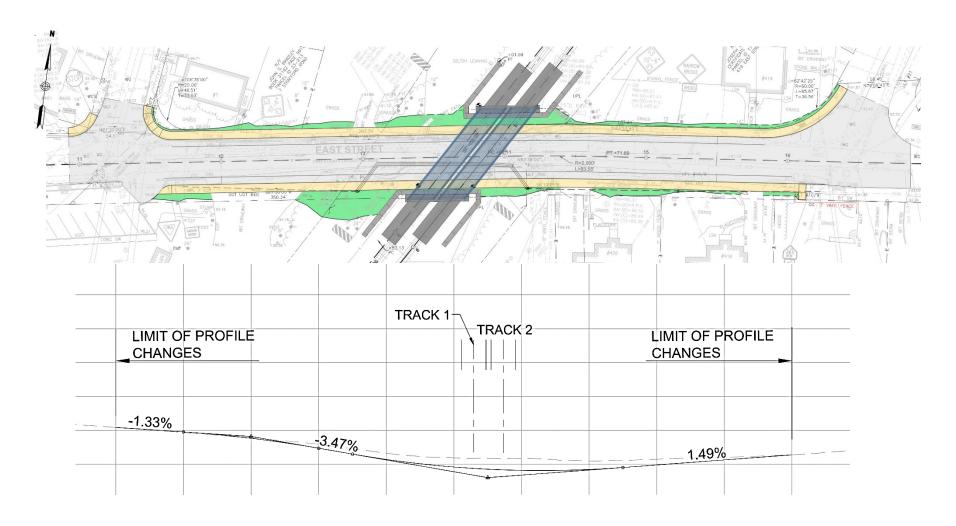
New Roadway Cross-Section

MBTA COMMUTER RAIL



Roadway Plan & Profile

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

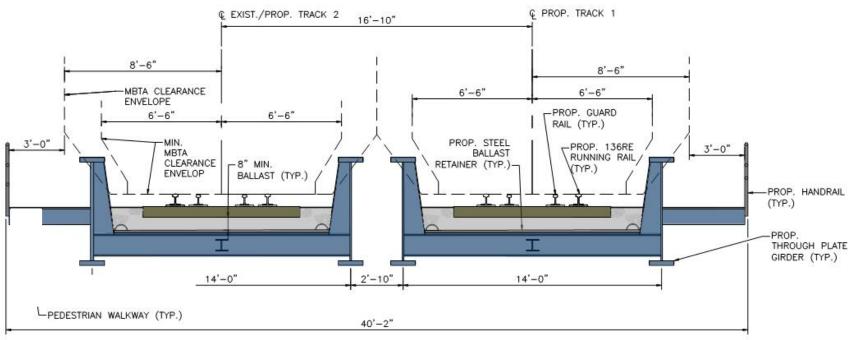


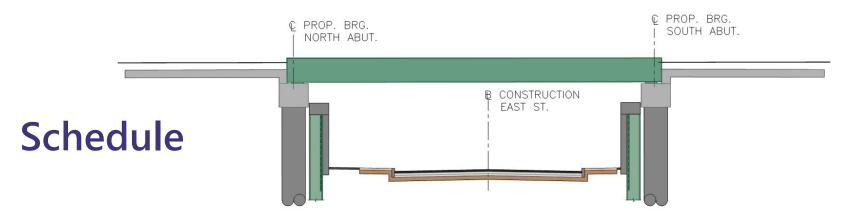
Proposed Structure



Proposed Structure







- 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?







