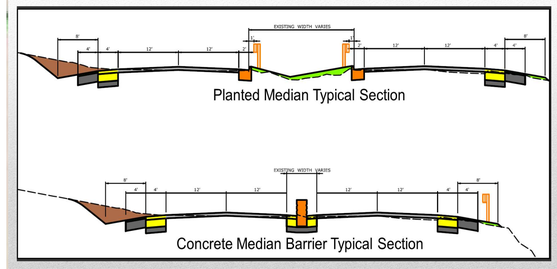
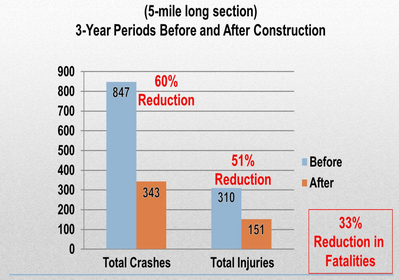
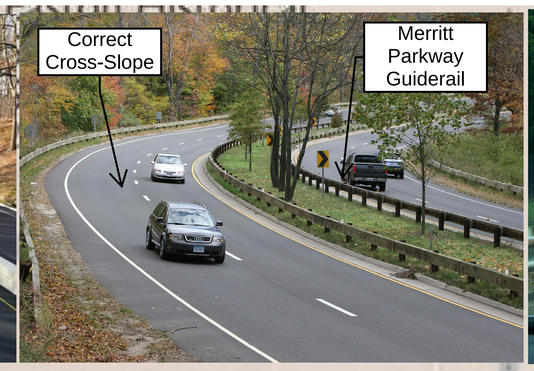
State Project No. 158-0211: Merritt Parkway (Route 15) Safety Improvements, Resurfacing, Enhancements and Bridge Improvements
Towns of Westport and Fairfield

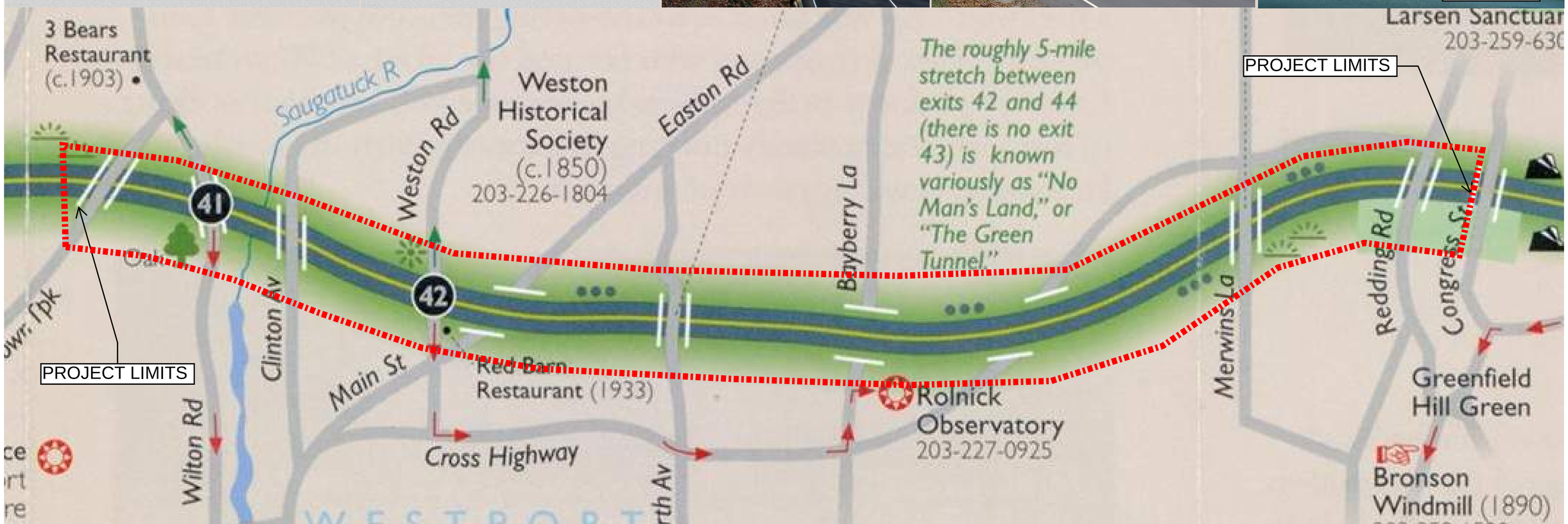
Typical Sections



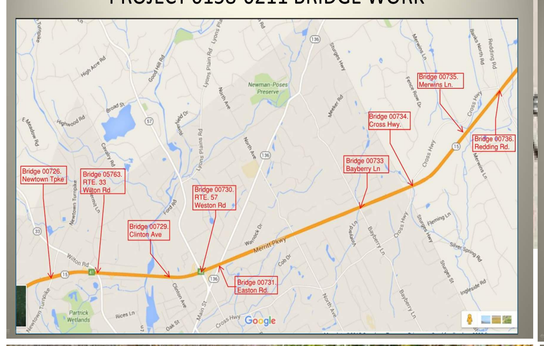
Crashes and Injuries: Before and After Construction







PROJECT 0158-0211 BRIDGE WORK



Bridge 00726 MP UNDER NEWTOWN TPK

BRIDGE DESCRIPTION

- Two span reinforced concrete arch
- Spandrels are clad with cast stones which are stained and scored to imitate Ashlar masonry
- Cast Stones currently encapsulated with timber cribbing to prevent falling hazard

Overview of Proposed Bridge Restoration Work on Project 158-211

Merritt Parkway Under Bridges
1. Bridge 00729 – Merritt Parkway Under Clinton Ave
2. Bridge 00735 – Merritt Parkway Under Merwins Ln
3. Bridge 00736 – Merritt Parkway Under Redding Rd

Typical Bridge Work
- Disassemble Historic Railing for offsite restoration Bridges 00729 and 00735.
- Abrasive Blast clean structural steel and paint to replicate original color Bridge 00729
- Remove/coat graffiti, where necessary
- Repair areas of deteriorated concrete
- Remove existing median on RTE.15 and replace with Merritt Parkway Median
- Construct Merritt Parkway Barrier at front of abutments and attach guiderail

Topside Bridge Work
- Remove HMA wearing surface and repair unsound concrete
- Apply waterproofing membrane to top of roadway slab

Bridge 00729 – Merritt Parkway Under Clinton Ave

Bridge 00736 – Merritt Parkway Under Redding Rd.

Bridge 00735 – Merritt Parkway Under Merwins Ln

Overview of Proposed Bridge Restoration Work on Project 158-211

Merritt Parkway Over Bridges
1. Bridge 00731 – Merritt Parkway Over Easton
2. Bridge 00733 – Merritt Parkway Over Bayberry Ln
3. Bridge 00734 – Merritt Parkway Over Cross Highway

Typical Bridge Work
- Clean entire bridge.
- Remove/coat graffiti, where necessary
- Repair areas of deteriorated concrete

Topside Bridge Work
- Replace median metal beam rail with 2' wide Merritt Parkway Median Barrier (Bridge)
- Construct endblocks for attachment of Merritt Parkway Timber Rail
- Construct endblocks and build out curbs for installation of 2- **tube rail**

Bridge 00734 – Merritt Parkway Over Cross Highway

Bridge 00731 – Merritt Parkway Over Easton

Bridge 00733 – Merritt Parkway Over Bayberry Ln

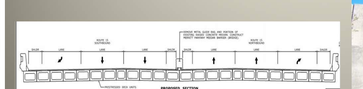
Overview of Proposed Bridge Restoration Work on Project 158-211

Merritt Parkway Over Bridges
1. Bridge 05763 – Merritt Parkway Over RTE. 33 (Wilton Rd)
2. Bridge 00730 – Merritt Parkway Over RTE. 57 (Weston)

Typical Bridge Work
- Clean entire bridge.
- Remove/coat graffiti, where necessary
- Repair areas of deteriorated concrete

Topside Bridge Work
- Replace median metal beam rail with 2' wide Merritt Parkway Median Barrier (Bridge)
- Construct endblocks for attachment of Merritt Parkway Timber Rail
- Construct endblocks and build out curbs for installation of 2- **tube rail**
- Remove HMA wearing surface, repair deteriorated concrete, and install membrane waterproofing.

Bridge 05763 – Merritt Parkway Over RTE. 33 (Wilton Rd.)



Bridge 00730 – Merritt Parkway Over RTE. 57 (Weston Rd.)

Merritt Parkway 2-Tube Rail and Median

Project Costs and Schedule

Phase	Current Estimated Phase Cost	Previously Approved Phase Estimates Dated: 10/17/13
Preliminary Design	$1,500,000	$1,500,000
Final Design	$1,200,000	$1,200,000
Rights of Way	N/A	N/A
Construction	$60,000,000	$55,000,000

*The project schedule has been accelerated to obligate 2016 federal fiscal funds.

This project has been determined to be Full Federal Oversight

FDP: 07/6/16, DCD: 08/17/16, ADV: 09/14/16

Anticipated construction start date in Spring 2017.