Public Information Meeting

Route 8 / I-84 Mixmaster Rehabilitation Project

Waterbury, CT

June 26, 2018
Project Team

Connecticut Department of Transportation
• John S. Dunham, District Engineer
• Richard Symonds, Asst. District Engineer
• Shawn Beaulieu, Supervising Engineer
• David Ferraro, Project Engineer

GM2 Associates
• Ken Fargnoli, Resident Engineer
• Krista Kenney, Public Information
Agenda

• Why We Are Here Today
• Project Facts
• History of the Mixmaster
• What We Plan to Accomplish
• Anticipated Project Schedule
• Public Information
• Questions and Answers
Why We Are Here Today

- Rehabilitation Need
- Construction Commencement
- Traffic Impacts
Contractor: Walsh Construction Company
Start Date: June 1, 2018
Construction Duration: 4-5 Years
Estimated Completion Date: September 10, 2022
Construction Cost: $152,960,945.27

State Project No. 151-326
• Route 8 Northbound/Southbound

State Project No. 151-312
• I-84 Eastbound

State Project No. 151-313
• I-84 Westbound
Let’s Talk History of the Mixmaster

<table>
<thead>
<tr>
<th>Historical Construction Projects</th>
<th>Construction Start/End</th>
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</thead>
<tbody>
<tr>
<td>Construction of I-84 in Waterbury (west of Mixmaster)</td>
<td>1962-1965</td>
</tr>
<tr>
<td>Relocation of Route 8 (north of Mixmaster)</td>
<td>1963-1966</td>
</tr>
<tr>
<td>I-84 and Relocation of Route 8 (Mixmaster Substructure)</td>
<td>1964-1965</td>
</tr>
<tr>
<td>Relocation of Route 8 and Grading on I-84 (south of Mixmaster)</td>
<td>1964-1967</td>
</tr>
<tr>
<td>I-84 and Relocation of Route 8 (Mixmaster Superstructure)</td>
<td>1965-1968</td>
</tr>
</tbody>
</table>

**FACT:** 10-12 projects needed to be done in order to complete the initial structure.
## Let’s Talk History

<table>
<thead>
<tr>
<th>More Recent Projects</th>
<th>Construction Start/End</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-84/Route 8 Interchange Structural Steel Repairs</td>
<td>1988-1989</td>
</tr>
<tr>
<td>Rehabilitation of Various Bridges on the Interchange and I-84 over Naugatuck River</td>
<td>1994-1995</td>
</tr>
<tr>
<td>Bridge Painting, Seismic Retrofit, and Illumination, I-84 over Route 8, Naugatuck River, Railroad</td>
<td>1995-1997</td>
</tr>
<tr>
<td>I-84/Route 8 Interchange Pier Cap/Deck Joint Repair</td>
<td>2005</td>
</tr>
<tr>
<td>Continual Deck Patching</td>
<td>On-Going</td>
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<tr>
<td>I-84/Route 8 Interchange Structural Steel Repairs</td>
<td>On-Going</td>
</tr>
<tr>
<td>Route 8/I-84 Mixmaster Rehabilitation</td>
<td>2018-2022</td>
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What We Plan To Accomplish

• Complete replacement of the bridge deck on Route 8 Northbound through the Interchange.
• Rehabilitation of various other bridges in the Interchange.
• Preserve and provide 25 years of additional service life to the structures and assure structural integrity
What We Plan To Accomplish

• Bridge deck repairs
• Structural steel repairs and strengthening
• Substructure repairs
• Bridge deck joint repairs and replacement
• Removal of existing bridge railing and parapet modifications
• Bridge drainage repairs and replacements
Project Overview
Route 8 Northbound Temporary Bypass

- Construction begins July 2018 / opens Summer 2019
Route 8 Northbound / Exit 35 Median U-Turn
Anticipated Project Schedule

2018
- Temporary Bypass & U-Turn Construction
- Route 8 Southbound
- I-84 Eastbound

2019
- Route 8 Northbound

2020
- Temporary Bypass & U-Turn Removal
- I-84 Eastbound
- I-84 Westbound

2021
- Final Restoration/Landscaping

2022
- Temporary Bypass & U-Turn Removal
## Lane Closure Impacts

<table>
<thead>
<tr>
<th>I-84 Eastbound / Westbound</th>
<th>Route 8 Northbound / Southbound</th>
<th>Ramps</th>
<th>Local Roads</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closure of one (1) lane at 10:00 p.m.</td>
<td>Closure of one (1) lane at 7:00 p.m.</td>
<td>Will generally stay open except on weekends and nights</td>
<td>Mon-Fri: No lane closures between 6:00 a.m.-9:00 a.m. / 3:00 p.m.-6:00 p.m.</td>
</tr>
<tr>
<td>Closure of two (2) lanes at 11:00 p.m.</td>
<td>All lanes open by 6:00 a.m.</td>
<td></td>
<td>Sat-Sun: No lane closures between 10:00 a.m.-6:00 p.m.</td>
</tr>
<tr>
<td>All lanes open by 6:00 a.m.</td>
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</tbody>
</table>
Public Information

- Social Media Outlets
  - Website:
    - i-84waterbury.com
    - http://mixmaster-rehab.com/
- Multimedia Engagement Tools
  - Maps, Visualizations, Videos
- Traffic Cams/Detour Monitoring
- Weekly Project Updates (E-blasts)
- Newsletters
THANK YOU!
Questions and Answers