MaineDOT

# Public Informational Meeting

## Kittery Overpass Bridge Replacement

April 3, 2013

McFarland Johnson

# Presented By

- **Leanne Timberlake, P.E.**

  Project Manager - Maine DOT

- **Gene McCarthy, P.E.**

  Project Manager & Highway Engineer – McFarland Johnson

- **David Kull, P.E.**

  Bridge Engineer – McFarland Johnson

# Agenda

- Introductions
- Purpose of Meeting
- Existing Bridge
- Proposed Project
  - Configuration
  - Traffic Control
- Questions/Comments

# Kittery Overpass Bridge Replacement

McFarland Johnson

# Existing Bridge

- Constructed 1942, Rehabilitated 1993
- US Route 1 Bypass carries 16,000 vehicles daily
- Route 236 carries 19,000 vehicles daily
- Bridge is structurally deficient
- Vertical clearance restrictions

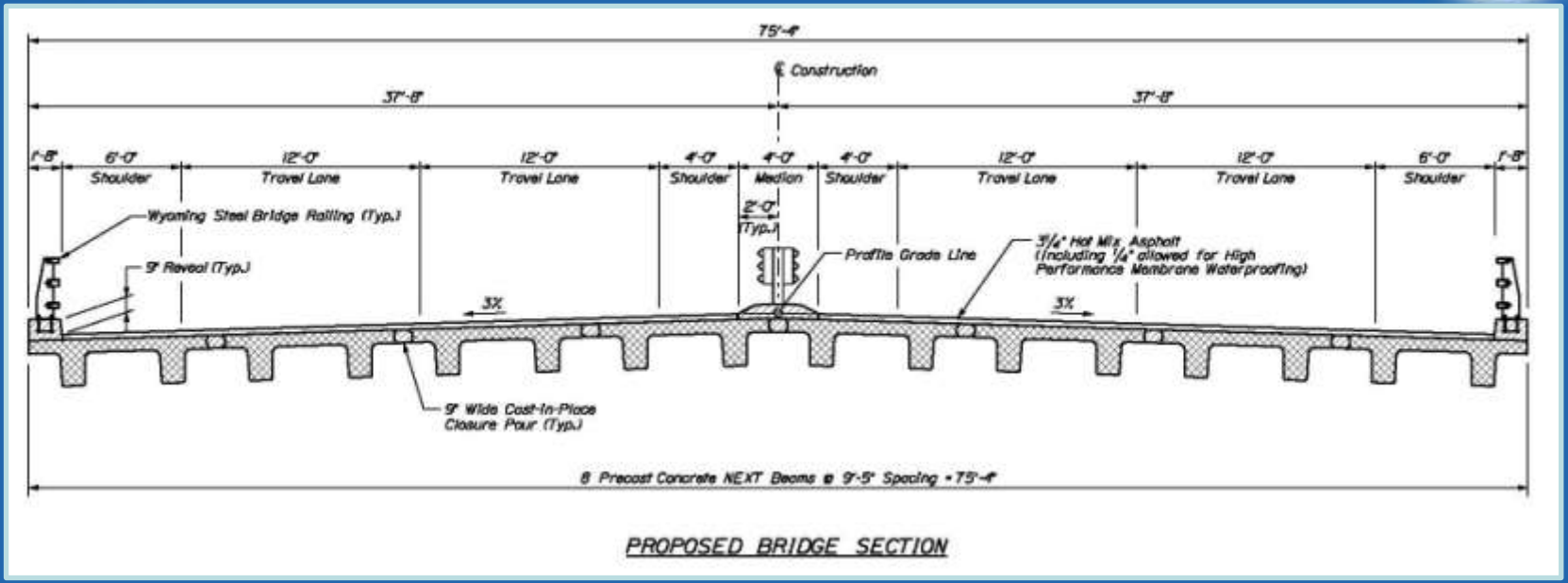
# Proposed Project

- Bridge to be Replaced using Accelerated Bridge Construction (ABC)
- US Route 1 Bypass Configuration to be permanent
- Route 236 will remain Two Lanes
- Ramp geometry will remain
- Pedestrian/Bicycle accommodation

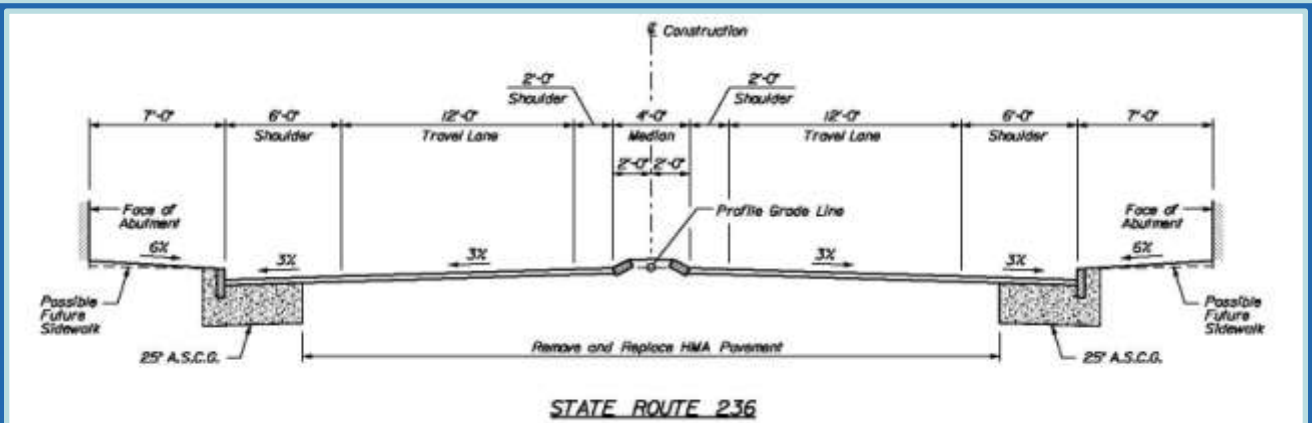
# Accelerated Bridge Construction

- Accelerated Bridge Construction (ABC) techniques
- Precast / Prefabricated Bridge Elements
- Incentive / Disincentive $
- Goal to reduce traffic impacts

# Kittery Overpass Bridge Replacement

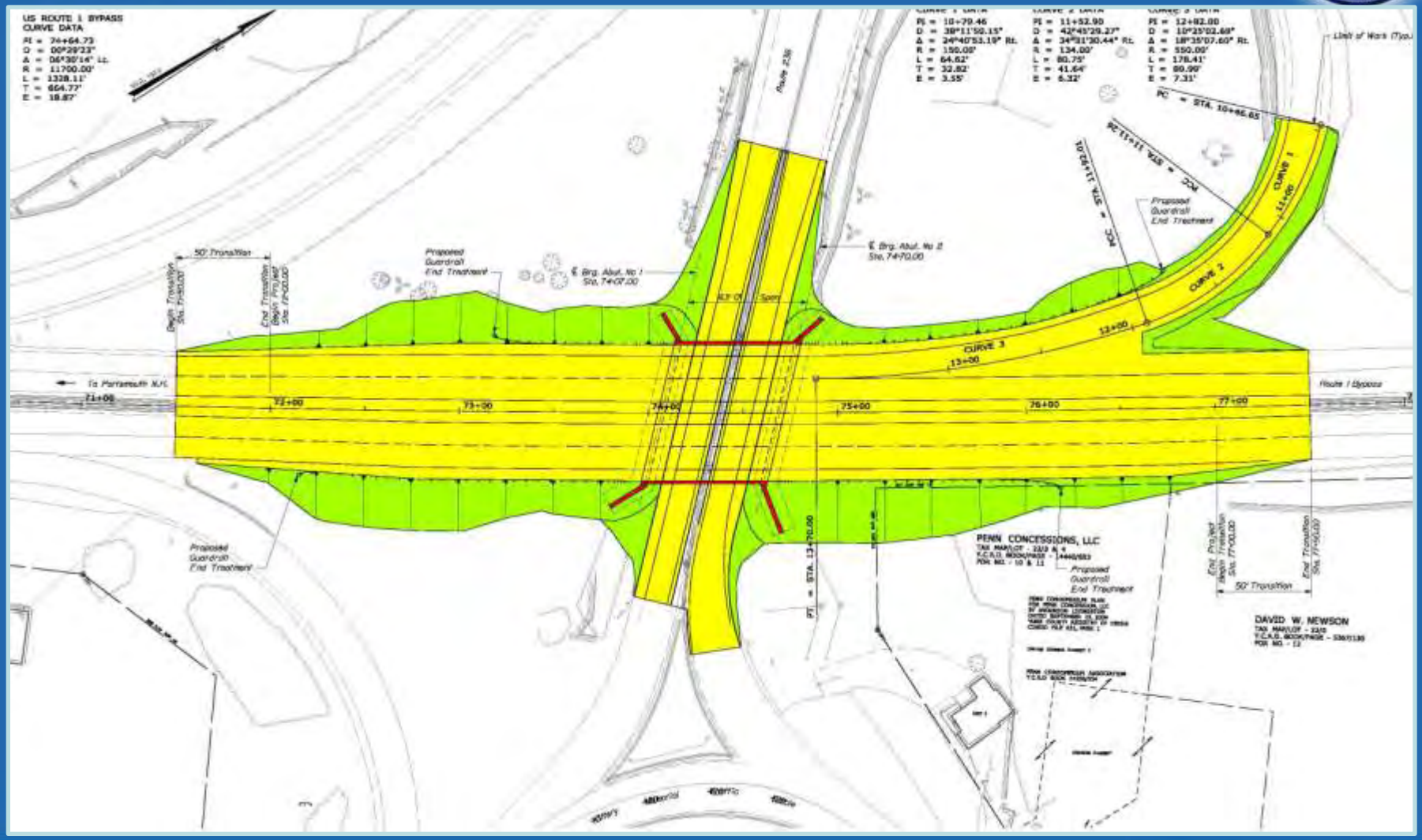



PROPOSED BRIDGE SECTION



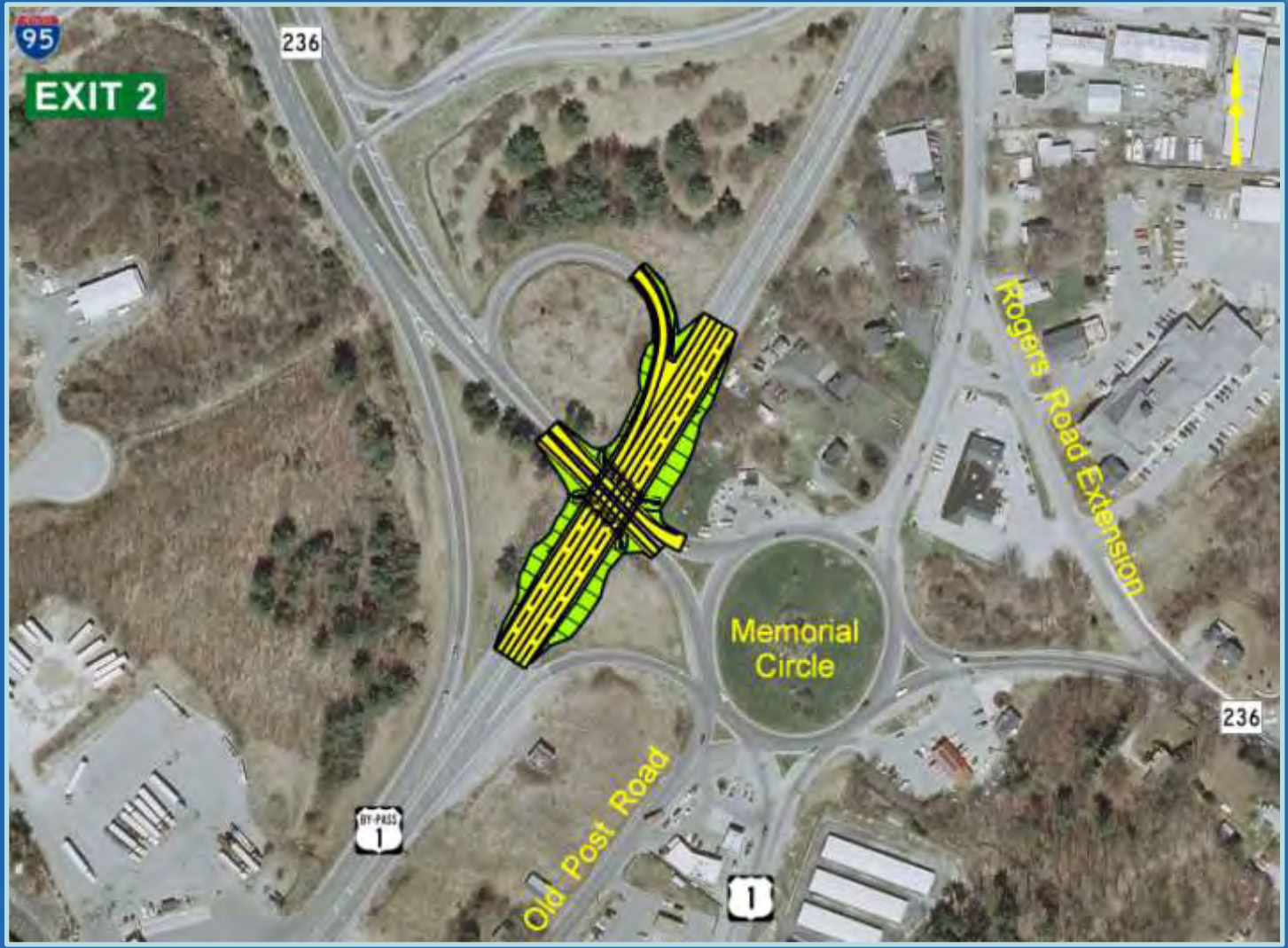

STATE ROUTE 236

# Kittery Overpass Bridge Replacement

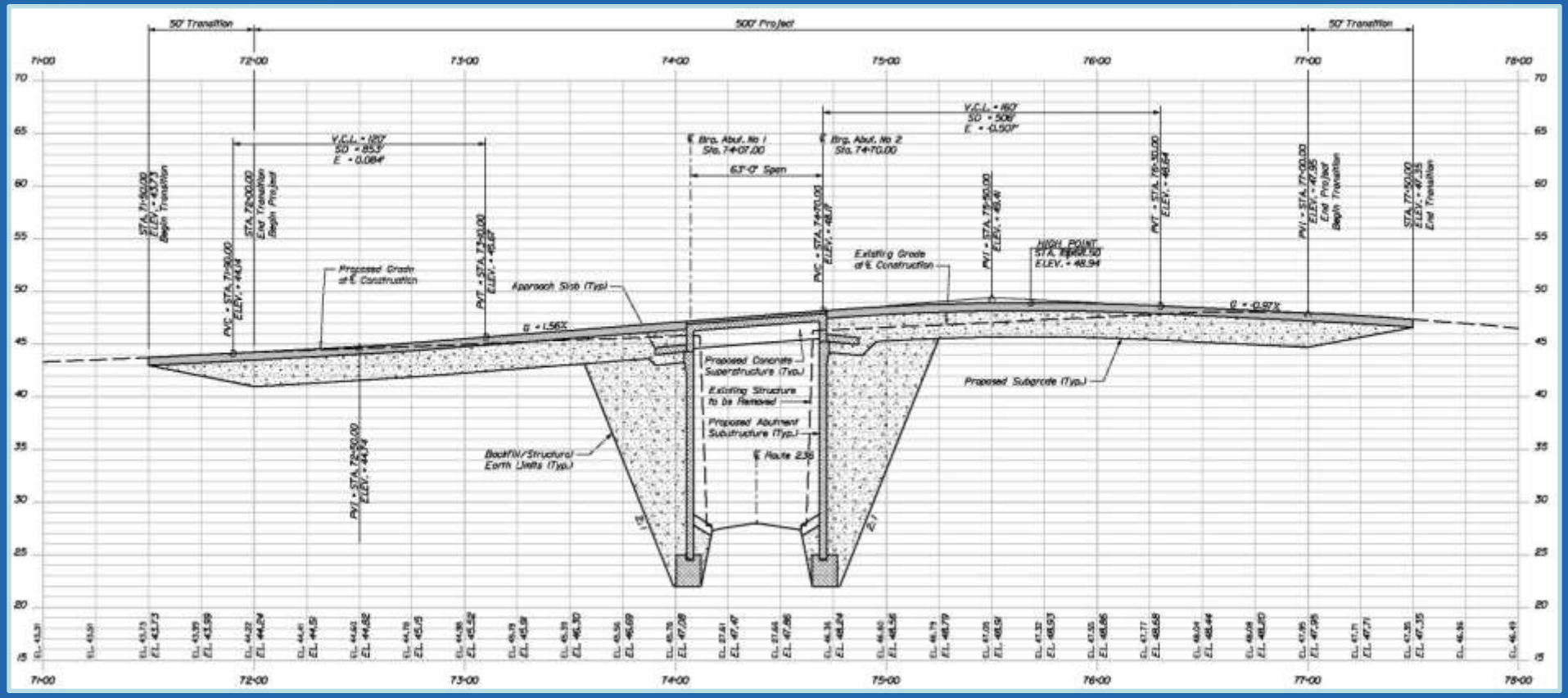



McFarland Johnson

# Kittery Overpass Bridge Replacement



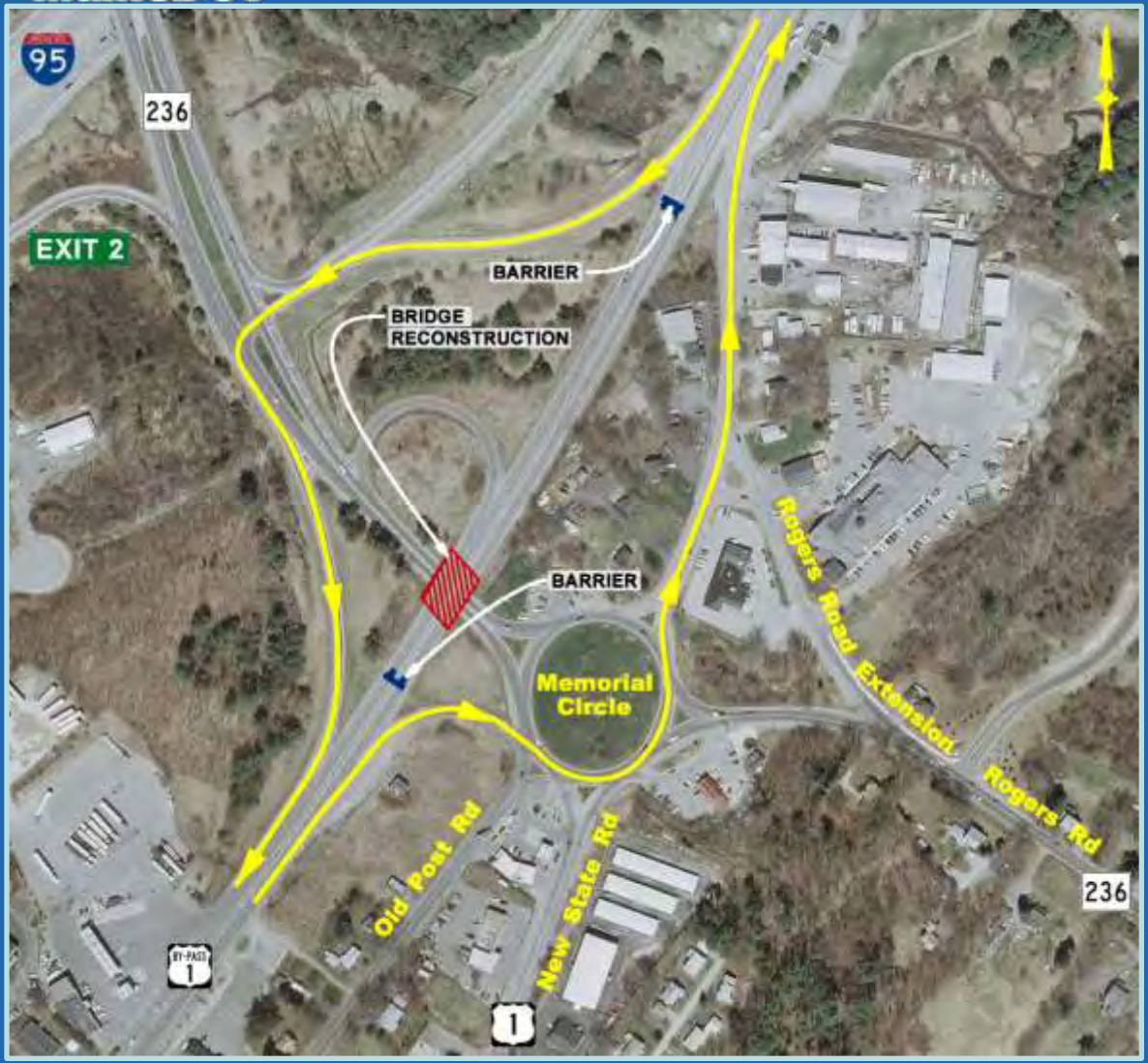
# Kittery Overpass Bridge Replacement



# Traffic Control

- US Route 1 Bypass to be Closed during Bridge Construction (1-2 Months)
- Detour traffic via Ramps
- Route 236 will remain open except during bridge demolition (2 Days)
- Detour traffic via Route 1 and Route 103

# Kittery Overpass Bridge Replacement




# Route 1 Bypass Detour

# Kittery Overpass Bridge Replacement

# Route 236 Detour

# Project Schedule

- Preliminary Design Completed – December 2012
- Complete Final Design – November 2013
- Advertise Construction – January 2014
- Begin Construction – March 2014
- Complete Construction – October 2014

# Questions / Comments