

Piscataqua River Bridge

Formal Public Meeting



Project Purpose

- Preventative maintenance
- Improve traffic flow at peak volumes
- Improve safety
- This is a “Forever Bridge”

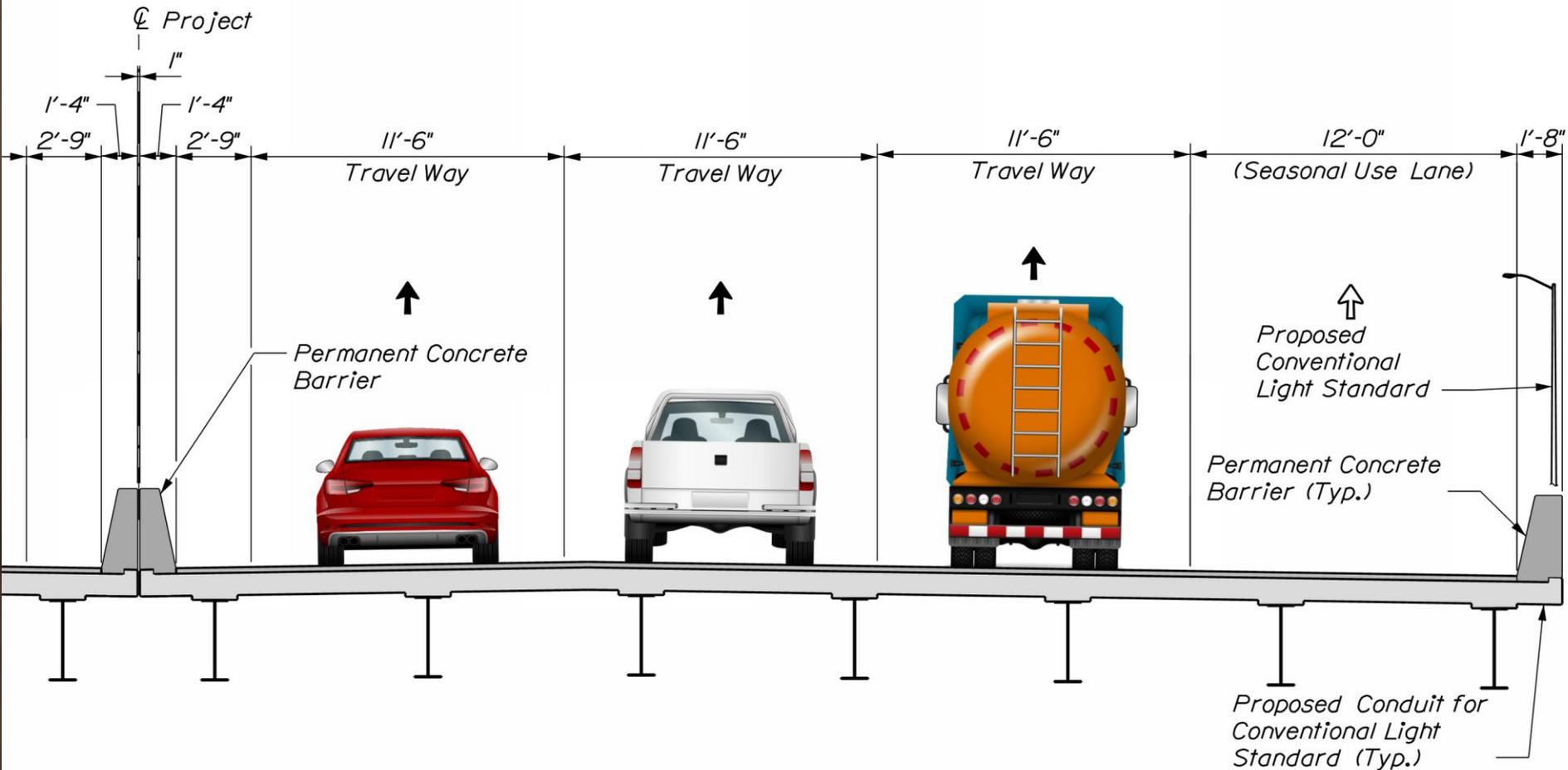
Project Scope

- Asphalt wearing surface replacement
- Deck patching
- Joint replacement
- Fascia & median barrier replacement
- Concrete patching

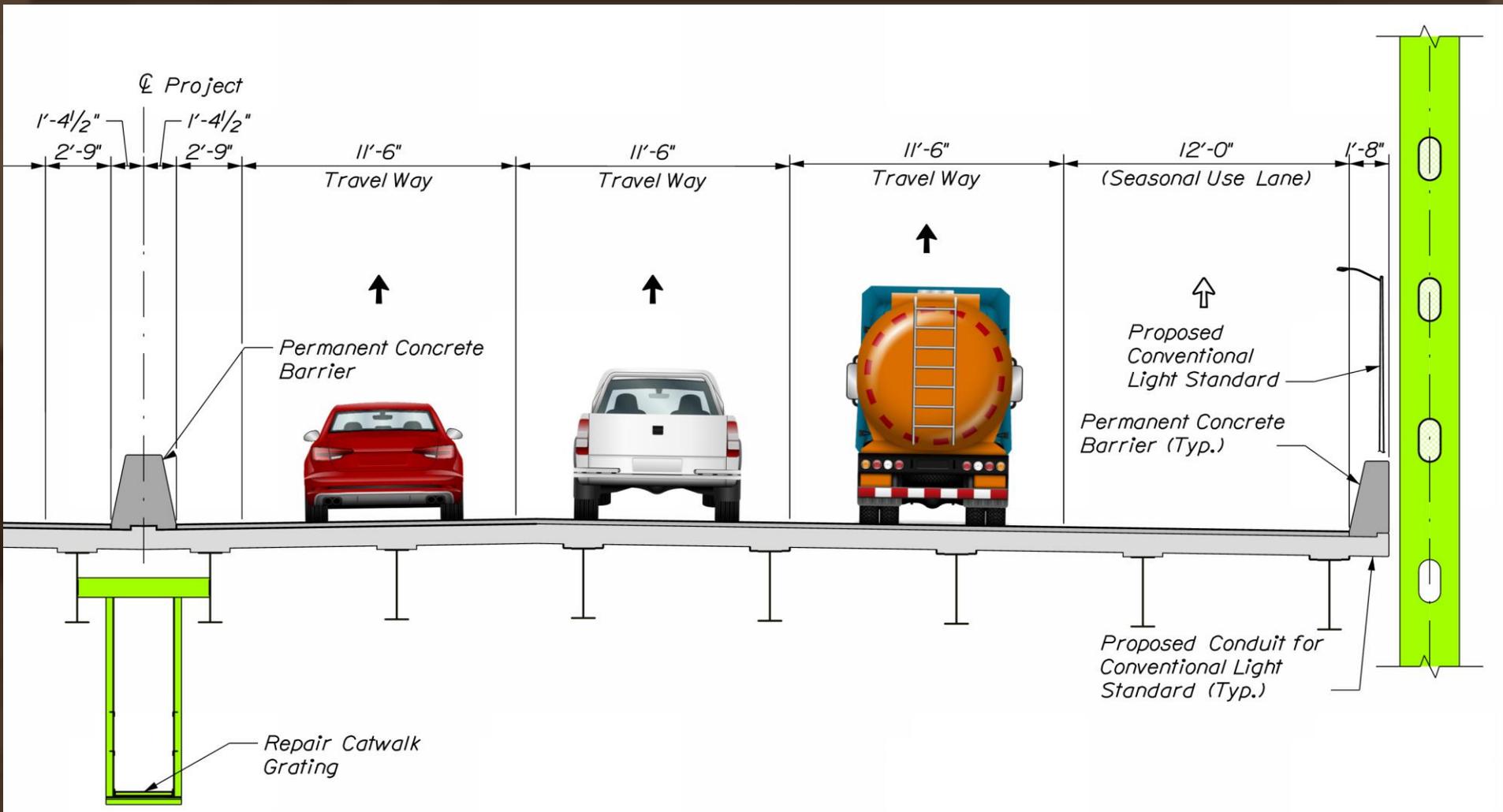
Project Scope

- Electrical system upgrade
- “Seasonal Shoulder Use” to increase capacity
- “Intelligent Transportation Systems (ITS)”

Approach Spans Section



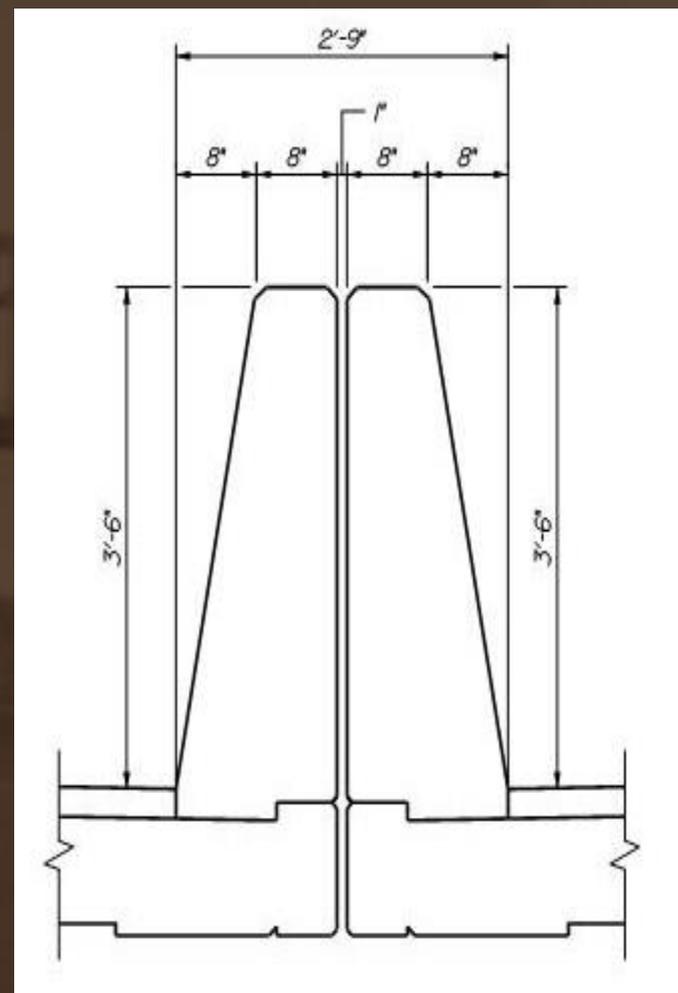
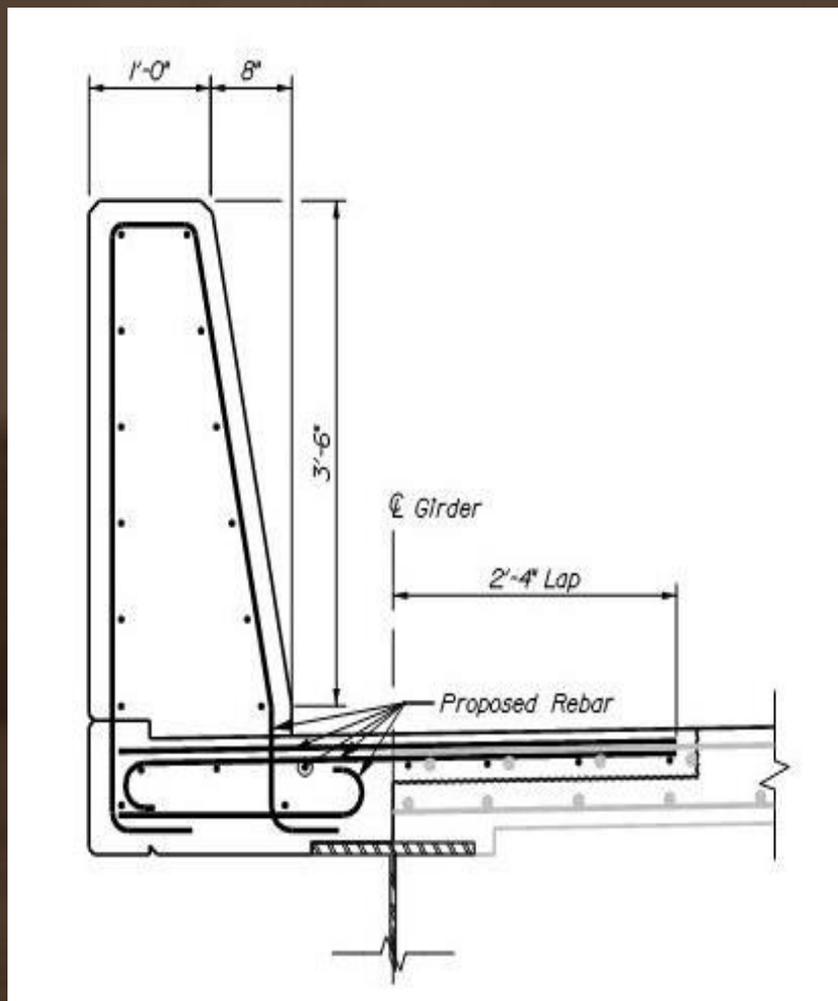
Truss Span Section



Existing Railing



New Railing



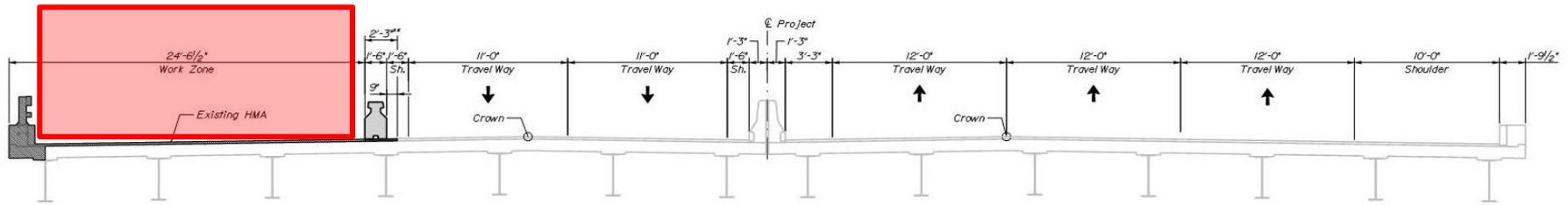
ITS Devices

- Sensors
- Monitoring
- Time/Distance signs
- Lane assignment signs
- Variable speed limit signs
- Camera monitoring



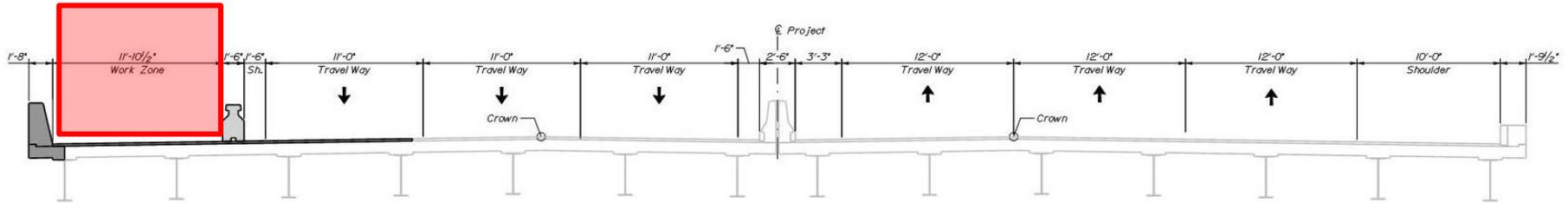
Construction Schedule

- Min 2/Max 3 Construction Seasons
 - Beginning in 2019
 - 1 barrel at a time (northbound & southbound)
 - April to November
- Potential Incentives
 - Winter construction
 - Time

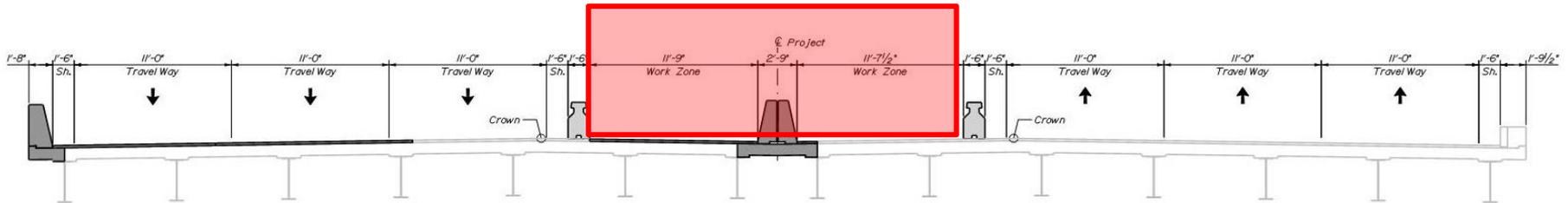


** Portion to occur Overnight

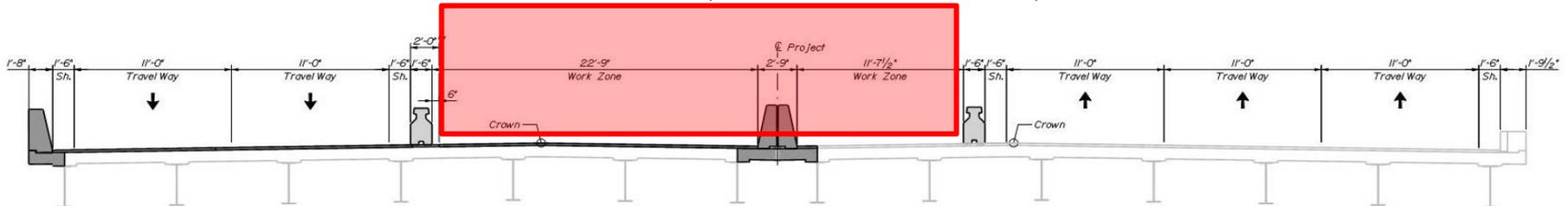
Before Memorial Day



Summer (Outside Shoulder)



Summer (Inside Shoulder)



** Portion to occur Overnight

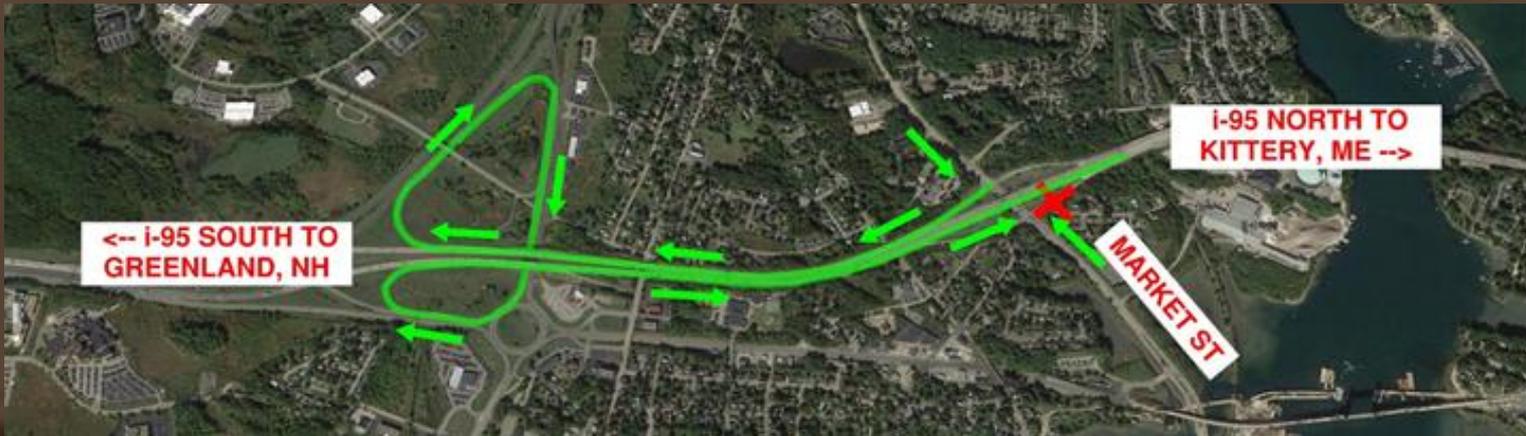
Late Fall

Note:
Southbound Phasing Shown, Northbound Phasing Similar.

Maintaining Traffic

- Exit closures as needed:
 - Exit 1 (ME) southbound
 - Exit 7 (NH) northbound
- Public outreach
- ITS monitoring
- Police presence, tow/service vehicle

NH Exit 7 Ramp Closure Detours



Preliminary Project Estimate

■ Preliminary Engineering	\$ 1.1M
■ Construction	\$ 25.6M
■ Construction Engineering	\$ 1.3M
■ Total approximately	\$ 28.0M

Proposed Schedule

- Final Preliminary Design Report Soon
- Complete Design Fall 2018
- Advertise Late 2018
- Construction begin 2019
- Completion complete Fall 2020/2021