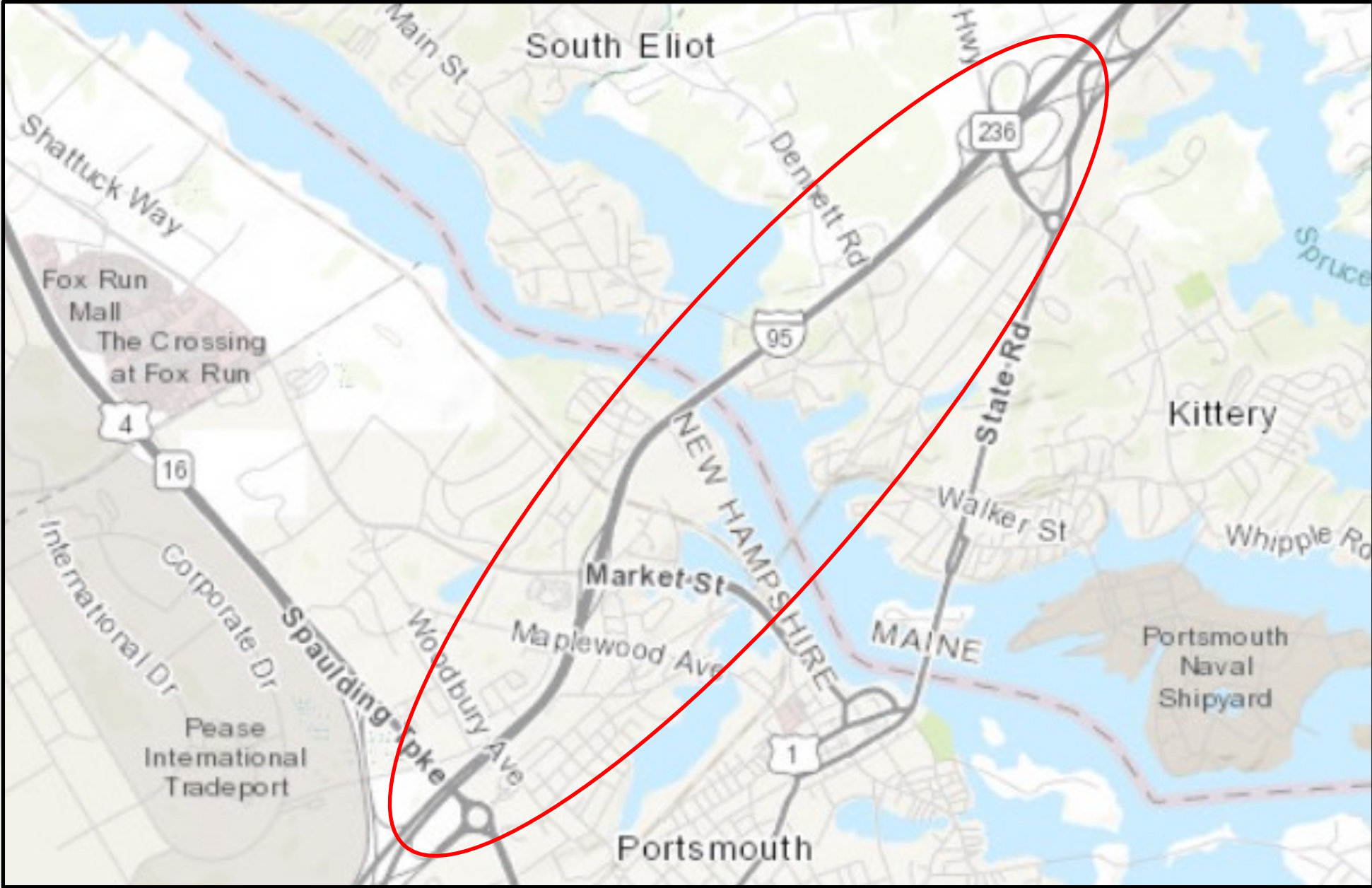


PORTSMOUTH – KITTERY I-95 High Level Bridge Part-Time Shoulder Use

Project Overview



Project Location

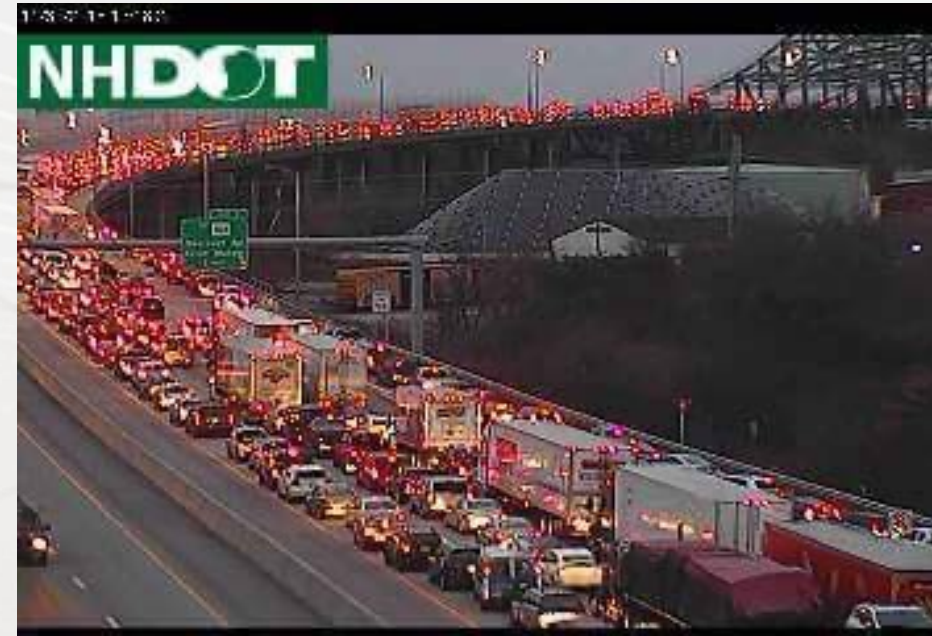


Project Location



Congestion Background

- The 2018 traffic volume was 82,000 vehicles per day
- Holiday weekends and Summer Fridays experience about 120,000
- Next 20 Years, expecting a 1.2% annual growth rate
- The High Level Bridge can accommodate 4,500 vehicles per hour per direction
- During peak times traffic volumes exceed 5,000 vehicles per hour per direction



Part Time Shoulder Use Project Goals

- Reduce Congestion
- Improve Safety
- Enhance Mobility
- Utilize innovative transportation solutions of the future
- Without expanding the existing footprint of the roadway
- Employ technology via various communication methods



Operations

- Dynamically turn on/off, with regular consistent times to start
- General expected times of operations for the system are from Memorial Day to Columbus Day:
 - Northbound on Friday late afternoons
 - Northbound and Southbound on Saturday mid-days
 - Southbound on Sunday afternoons
- Northbound from Exit 5 in NH to Exit 3 in Maine
- Southbound from Exit 2 in Maine to Exit 5 in NH

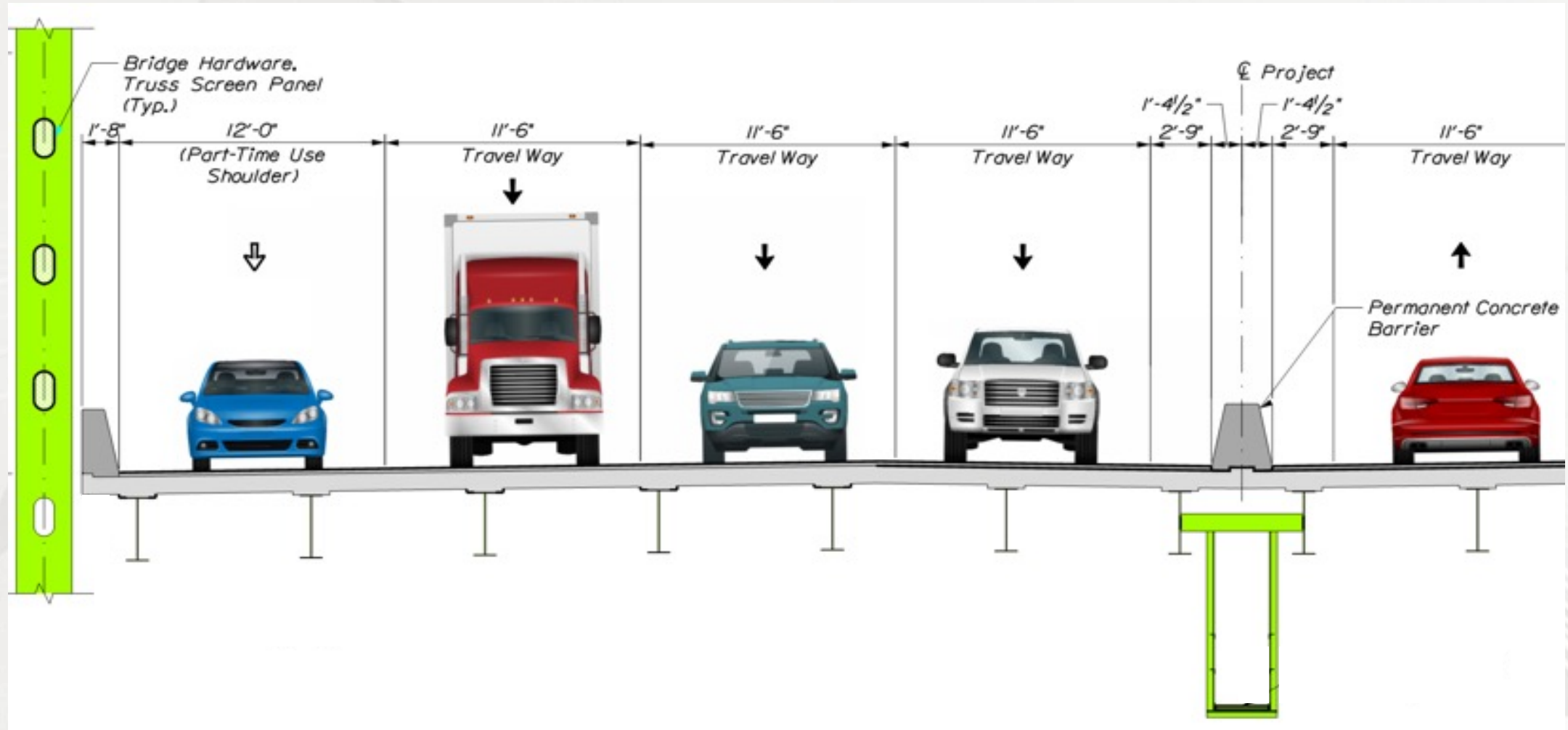


Safety

- The system will be managed and operated from the Transportation Management Centers (TMC)
- Service Patrol will drive the project limits before it is activated
- 100% traffic camera coverage used only for monitoring current traffic conditions
- State Police is expected to be active and close by to assist
- Traffic sensors to alert TMC Operators of any changing traffic conditions



Proposed Lane Configuration



Proposed Signage



Project Completion expected June 2023

