

Town of Windham



NH 111 Corridor & Wall St Connector Feasibility Study

**Project Advisory
Committee Meeting
August 5, 2010**



McFarland Johnson



Agenda

- Welcome/Introductions
- Public Comment
- PAC Meeting 8 Summary
- Future Conditions – Model Results
- Range of Reasonable Alternatives Discussion
- Public Informational Meeting
- Recurring Business
 - Project Schedule
 - Tracking
- Next Meeting
- Adjourn





Alternatives

- No Build
- Wall Street Extension
- NH 111 Bypass
- In-Corridor Improvements
 - Design Speed
 - Lane Configuration
 - Upgraded Signals
 - Roundabouts





Level of Service (LOS)

Intersection Level of Service Criteria

Level of Service	Controlled Delay (sec/veh)
A	≤ 10
B	> 10 and ≤ 20
C	> 20 and ≤ 35
D	> 35 and ≤ 55
F	> 80

The operating level of Service (LOS) for signalized intersections and roundabouts is determined by the computed or measured delay.



No Build

- No Improvements
- “Do Nothing” Alternative

Notes

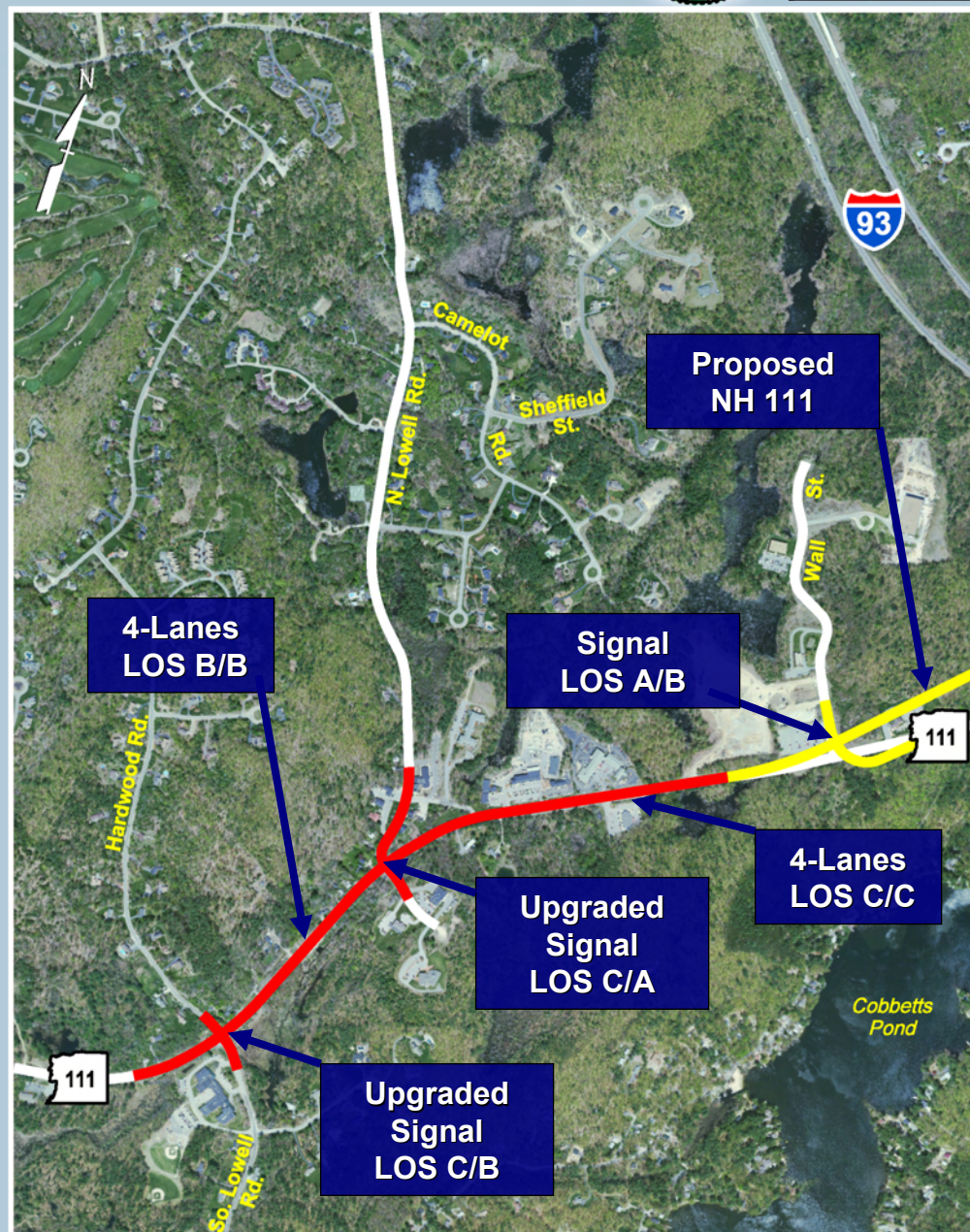
- 2035 Peak Hour Volumes
- Volumes based on High Growth In Windham
- LOS AM/PM





In-Corridor Signal Alternative

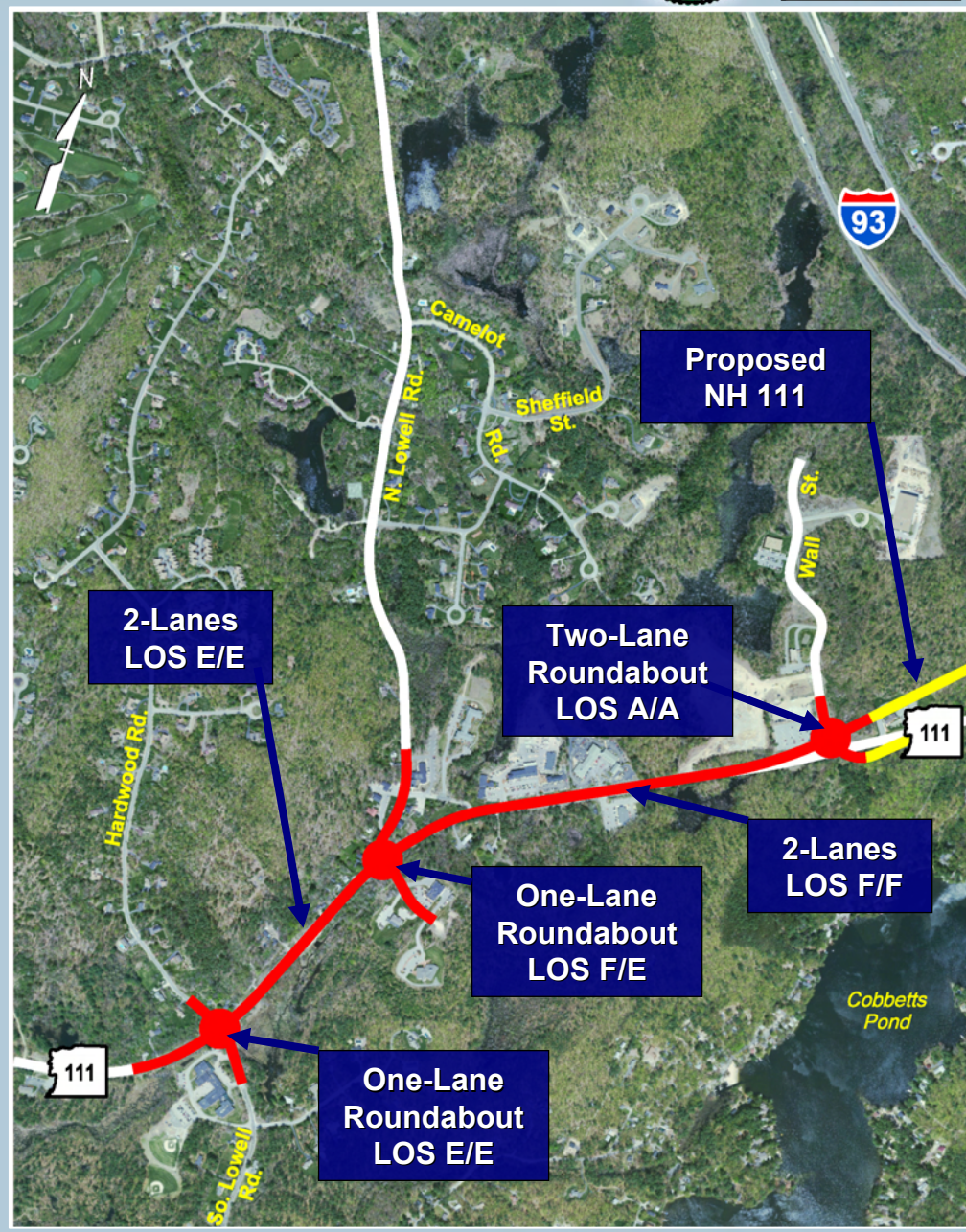
- 4-Lanes on NH 111
- Upgraded Signal at N. Lowell Rd
- Upgraded Signal at S. Lowell Rd
- Retain Proposed Signal at Wall St





In-Corridor One-Lane Roundabout Alternative

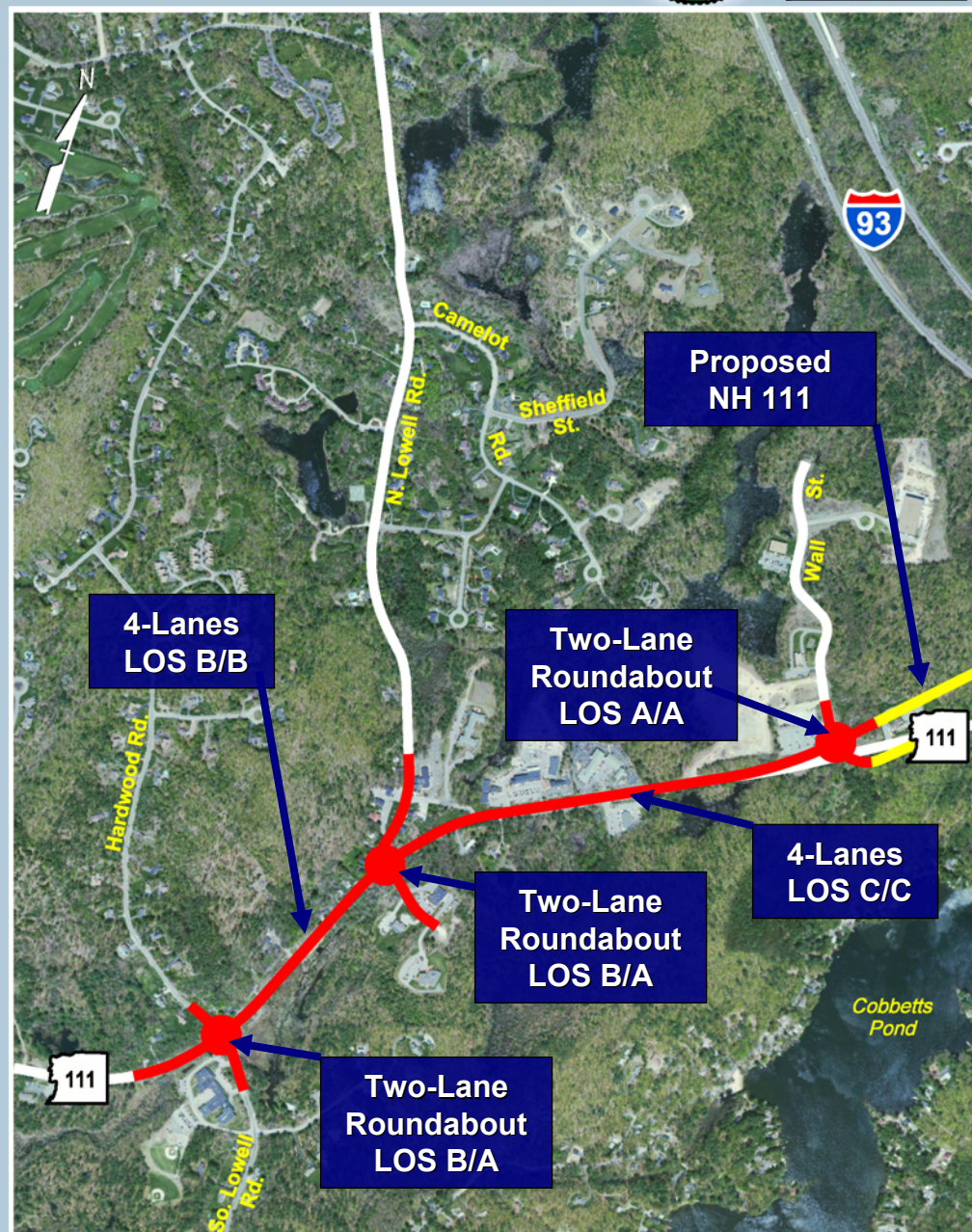
- 2-Lanes on NH 111
- One-Lane Roundabout at N. Lowell Rd
- One-Lane Roundabout at S. Lowell Rd
- Two-Lane Roundabout at Wall St





In-Corridor 2-Lane Roundabout 4-Lane Corridor Alternative

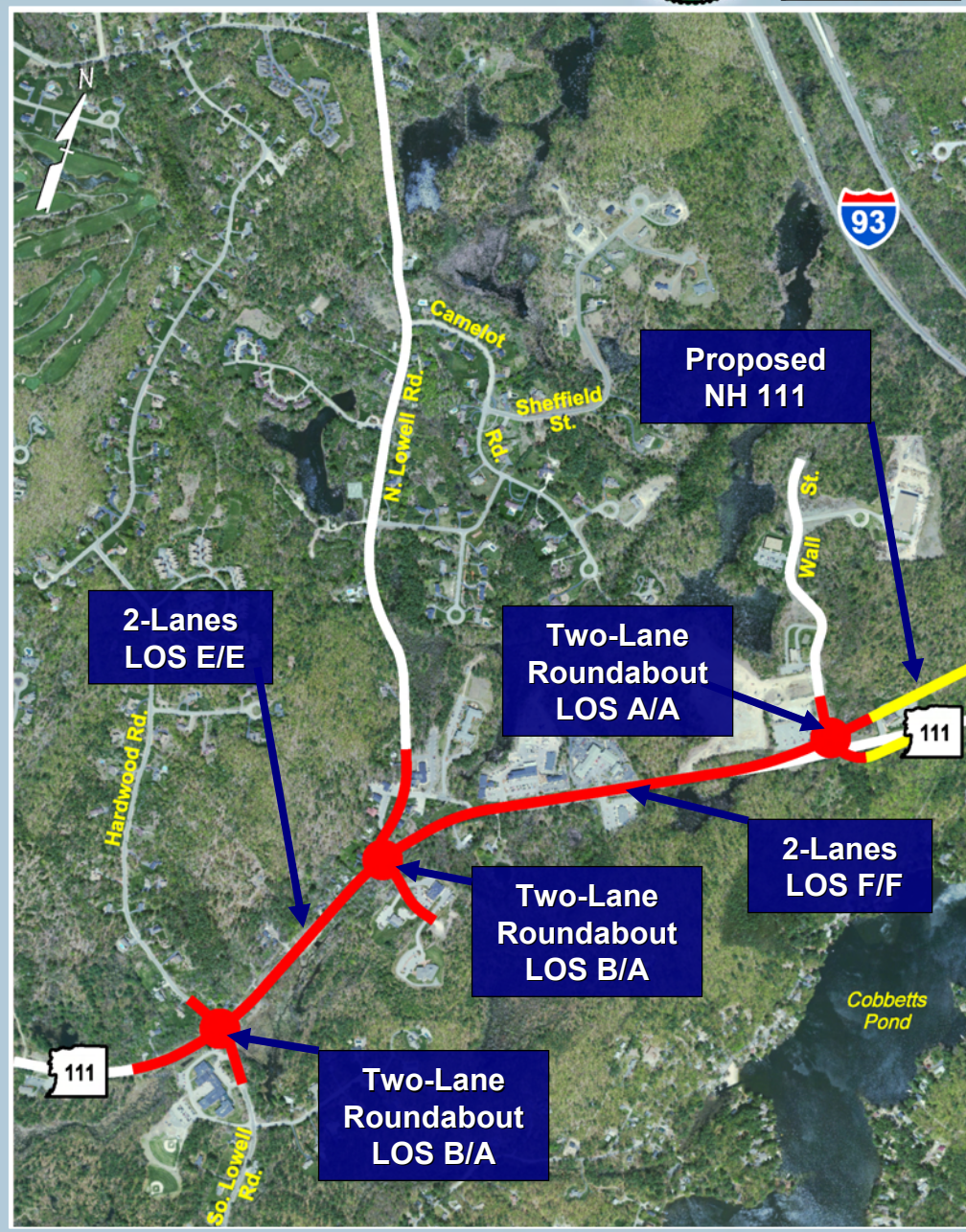
- 4-Lanes on NH 111
- Two-Lane Roundabout at N. Lowell Rd
- Two-Lane Roundabout at S. Lowell Rd
- Two-Lane Roundabout at Wall St





In-Corridor 2-Lane Roundabout 2-Lane Corridor Alternative

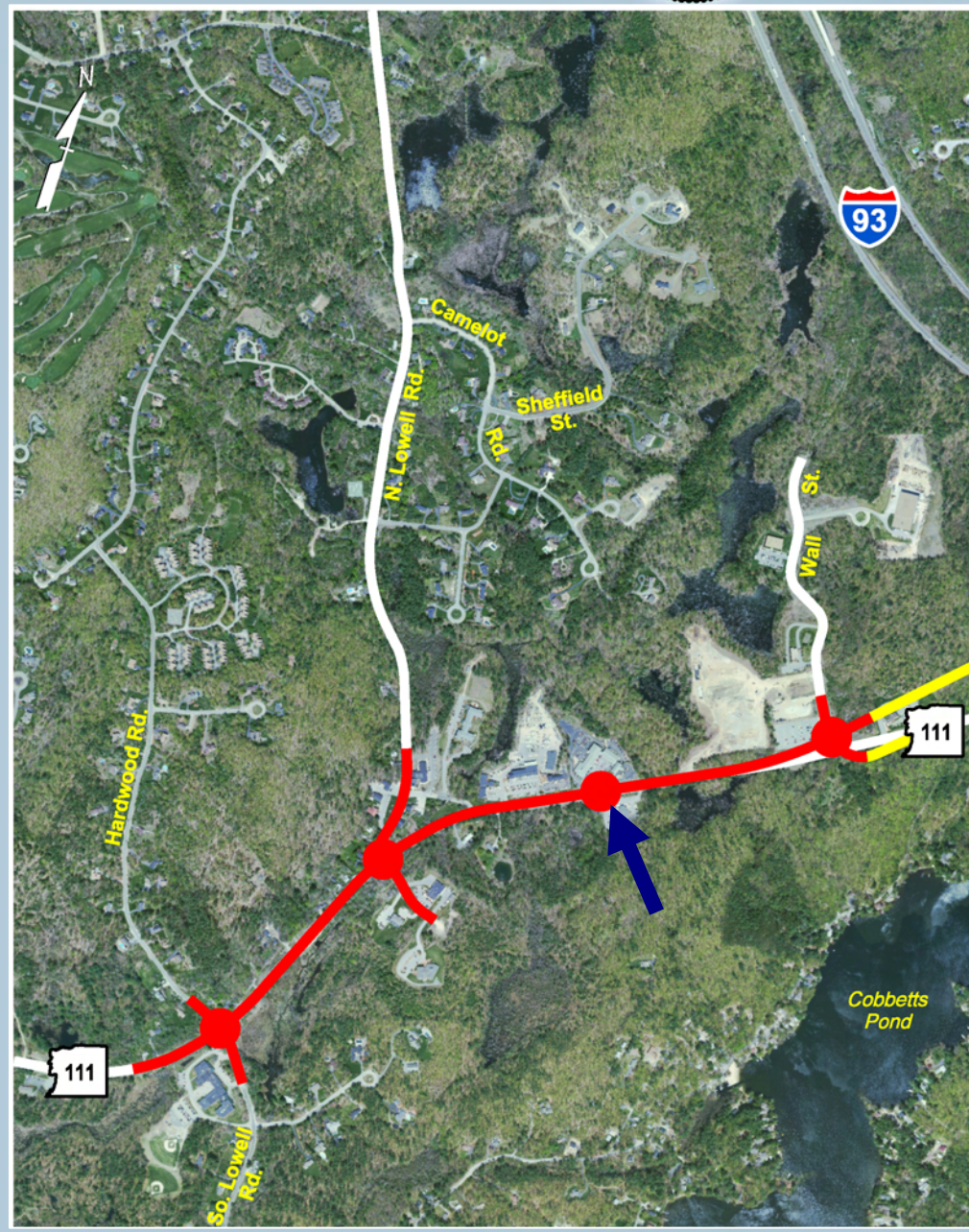
- 2-Lanes on NH 111
- Two-Lane Roundabout at N. Lowell Rd
- Two-Lane Roundabout at S. Lowell Rd
- Two-Lane Roundabout at Wall St





In-Corridor Roundabout Option

- Roundabout at N. Lowell Rd
- Roundabout at S. Lowell Rd
- Roundabout at Wall St
- Roundabout at USPS/
Shopping Mall





In-Corridor Roundabout with Wall Street Extension Alternative

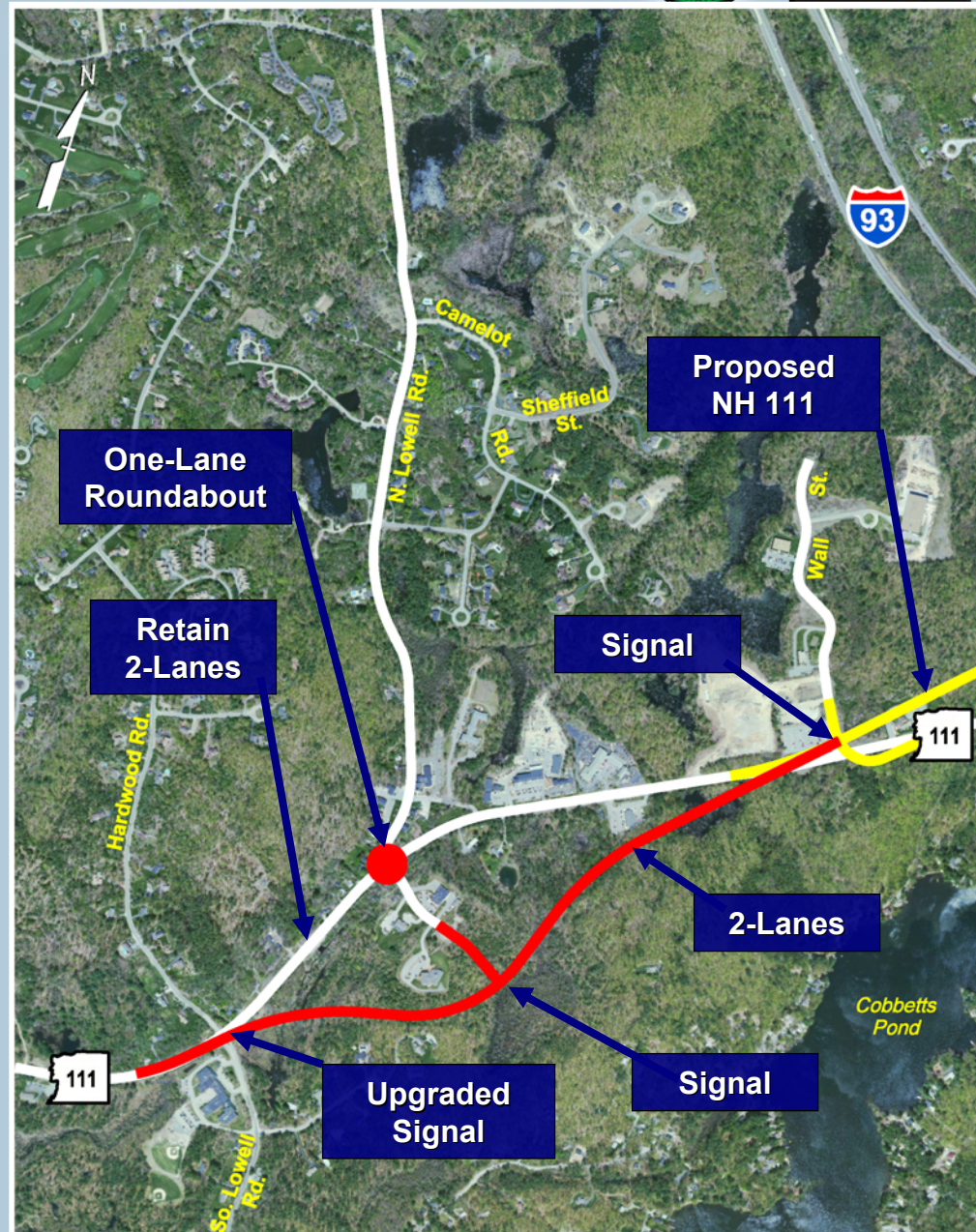
- 2-Lanes on NH 111
- One-Lane Roundabout at N. Lowell Rd
- One-Lane Roundabout at S. Lowell Rd
- Two-Lane Roundabout at Wall St





NH 111 Bypass Alternative

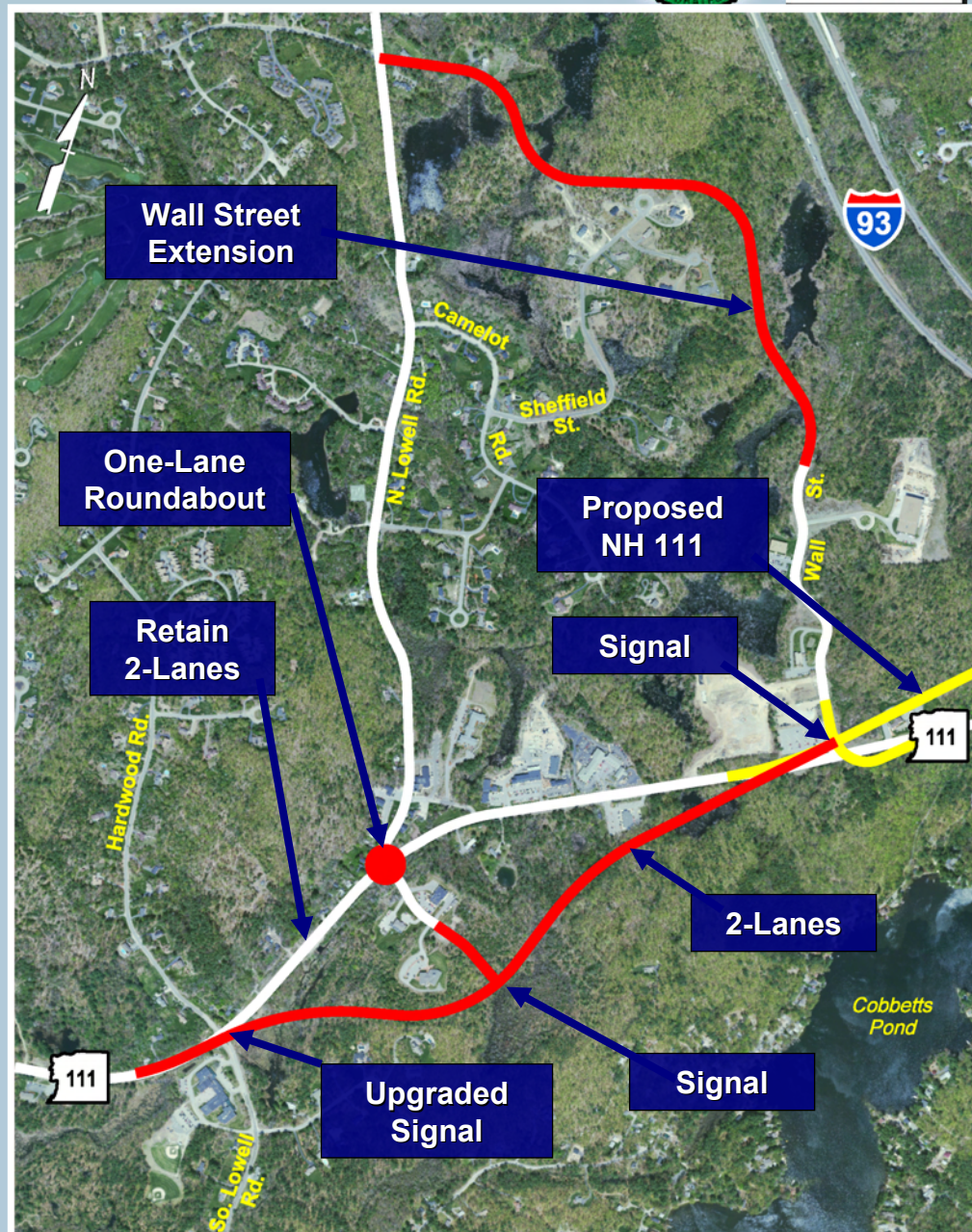
- 2-Lanes on NH 111
- One-Lane Roundabout at Existing N. Lowell Rd
- Upgraded Signal at S. Lowell Rd
- Signal at New NH 1111 and Fellows Rd
- Upgraded Signal at Wall St

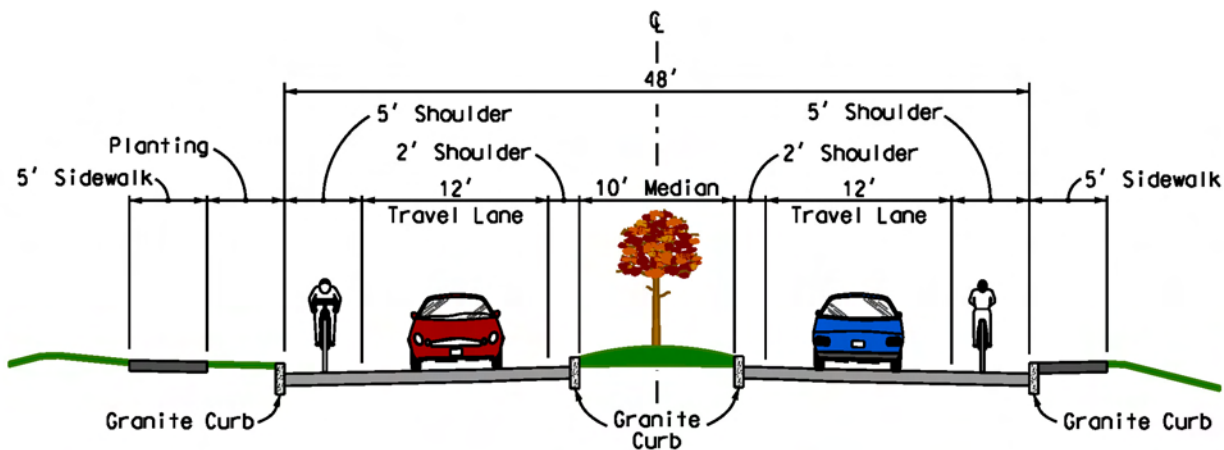




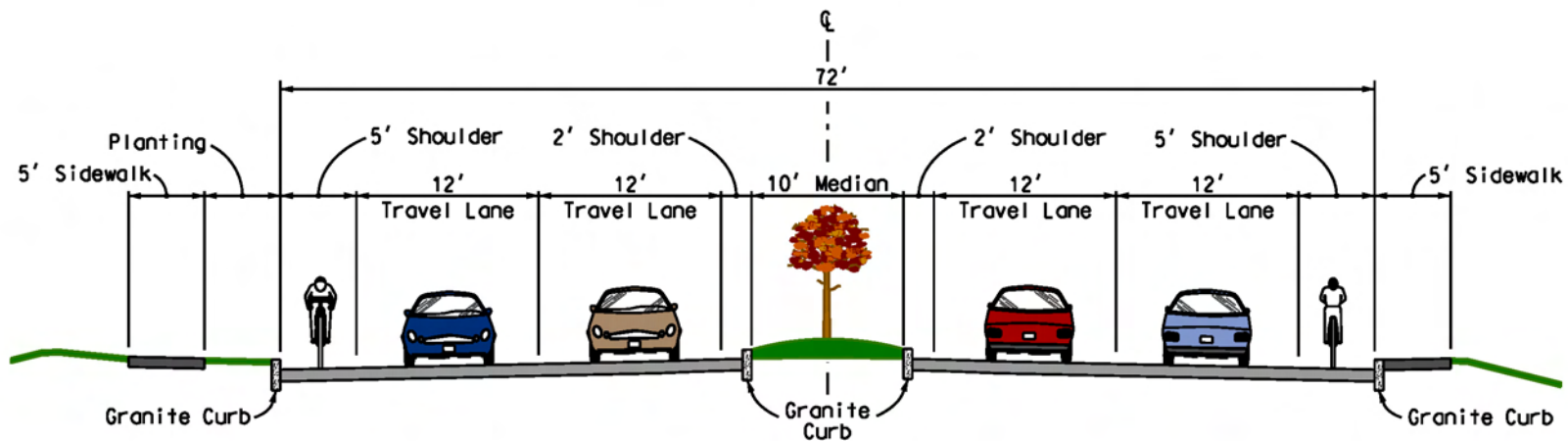
NH 111 Bypass with Wall Street Extension Alternative

- 2-Lanes on NH 111
- One-Lane Roundabout at Existing N. Lowell Rd
- Upgraded Signal at S. Lowell Rd
- Signal at New NH 1111 and Fellows Rd
- Upgraded Signal at Wall St





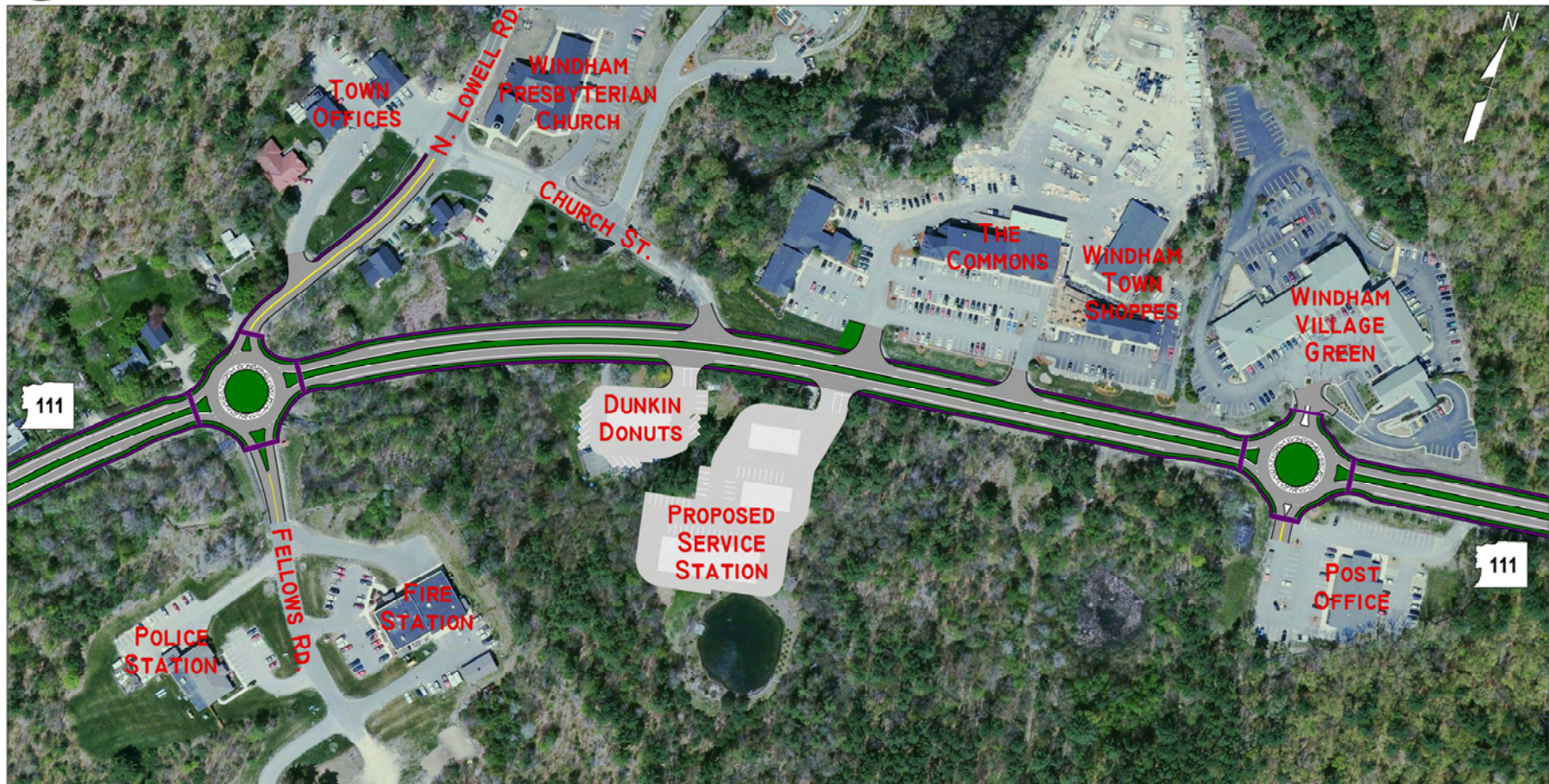
2 Lane Divided Section



4 Lane Divided Section



NH III CORRIDOR & WALL STREET EXTENSION FEASIBILITY STUDY





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Questions / Comments