

Lee 15692

US 4 / NH 125

Intersection Safety Improvements

Public Informational Meeting

July 21, 2010

Agenda

- Welcome and Introductions
- Review Highway Safety Improvement Program
- Discuss existing conditions / issues
- Present study alternatives
 - Safety and capacity improvements
- Project Schedule

Highway Safety Improvement Program (HSIP)

- Reduce the number of fatal or serious injury crashes
- \$5.5 million per year
- Data-driven project selection
- “Modest” improvements

Issues

- High speeds within circle
- Wide entries to circle (side-by-side queuing)
- Long peak period delays and queues
- Driveways near circle
- Left turns from driveways

Existing Conditions

- Built 1938
- 250' – 290' diameter
- 30' – 46' circulating lane
- Wide entries and exits
- Good access control

Existing Conditions (cont.)

- Traffic counts
 - 17,000 veh/day on US 4 east
 - 19,000 veh/day on NH 125 south
 - ~35% increase possible in 20 years
- Crashes
 - 65 in 3 years (2005-2008)
 - Mostly rear-end and sideswipe
 - Numerous close calls

Project Constraints

- Avoid / minimize property impacts
- Minimize impact on traffic – keep traffic flowing during construction

Alternatives Considered

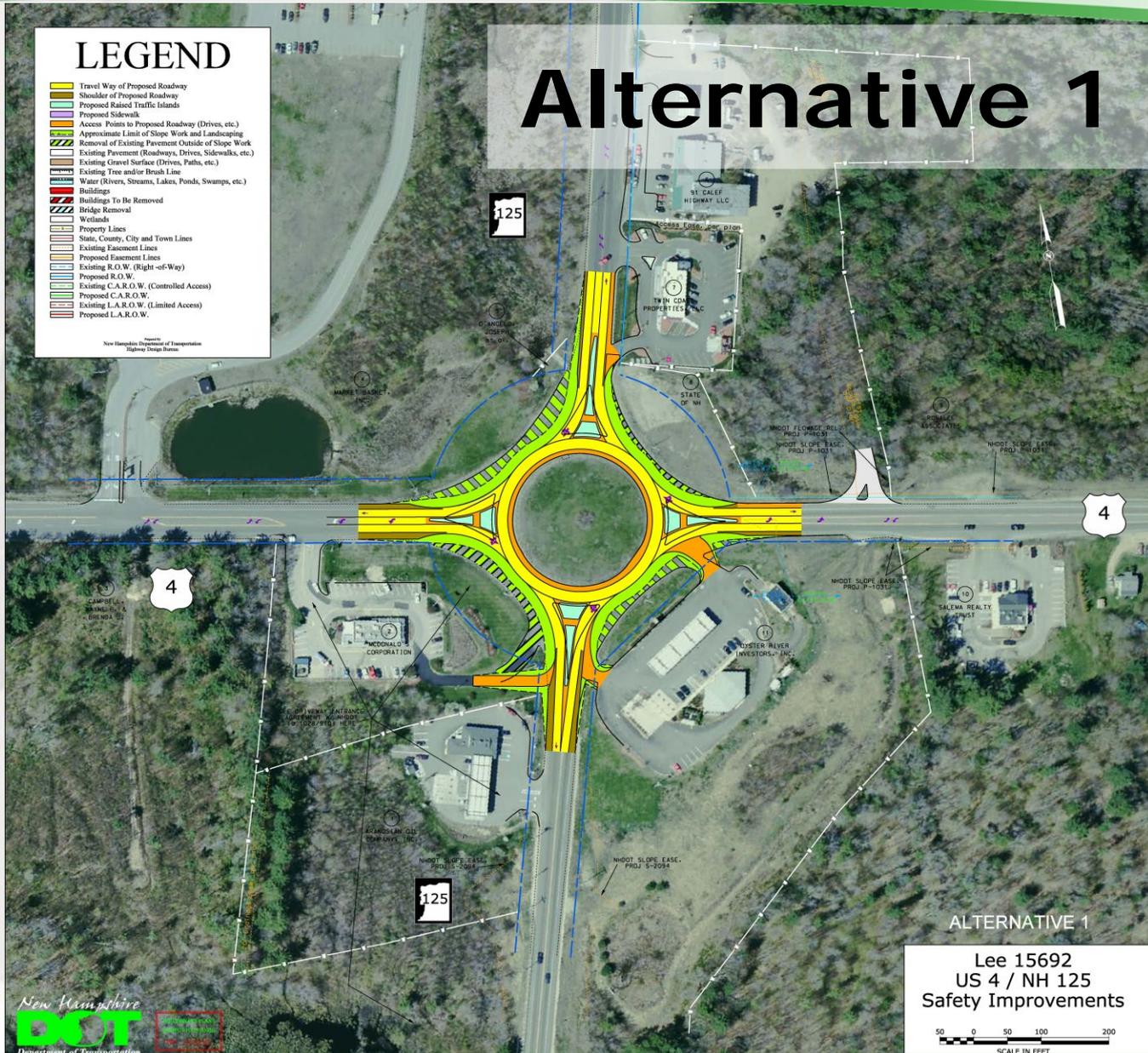
- Safety improvements
 - Narrow lanes to better define paths
 - New paint lines, or
 - Adjust curbing to narrow lanes
 - No improvement to capacity
- Safety and capacity improvements
 - Reconfigure into 2-lane roundabout

LEGEND

- Travel Way of Proposed Roadway
- Shoulder of Proposed Roadway
- Proposed Raised Traffic Islands
- Proposed Sidewalk
- Access Points to Proposed Roadway (Drives, etc.)
- Approximate Limit of Slope Work and Landscaping
- Removal of Existing Pavement Outside of Slope Work
- Existing Pavement (Roadways, Drives, Sidewalks, etc.)
- Existing Gravel Surface (Drives, Paths, etc.)
- Existing Tree and/or Brush Line
- Water (Rivers, Streams, Lakes, Ponds, Swamps, etc.)
- Buildings To Be Removed
- Bridge Removal
- Wetlands
- Property Lines
- State, County, City and Town Lines
- Existing Easement Lines
- Proposed Easement Lines
- Existing R.O.W. (Right-of-Way)
- Proposed R.O.W.
- Existing C.A.R.O.W. (Controlled Access)
- Proposed C.A.R.O.W.
- Existing L.A.R.O.W. (Limited Access)
- Proposed L.A.R.O.W.

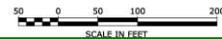
Prepared by
New Hampshire Department of Transportation
Highway Design Bureau

Alternative 1



ALTERNATIVE 1

Lee 15692
US 4 / NH 125
Safety Improvements



Alternative 1 Details

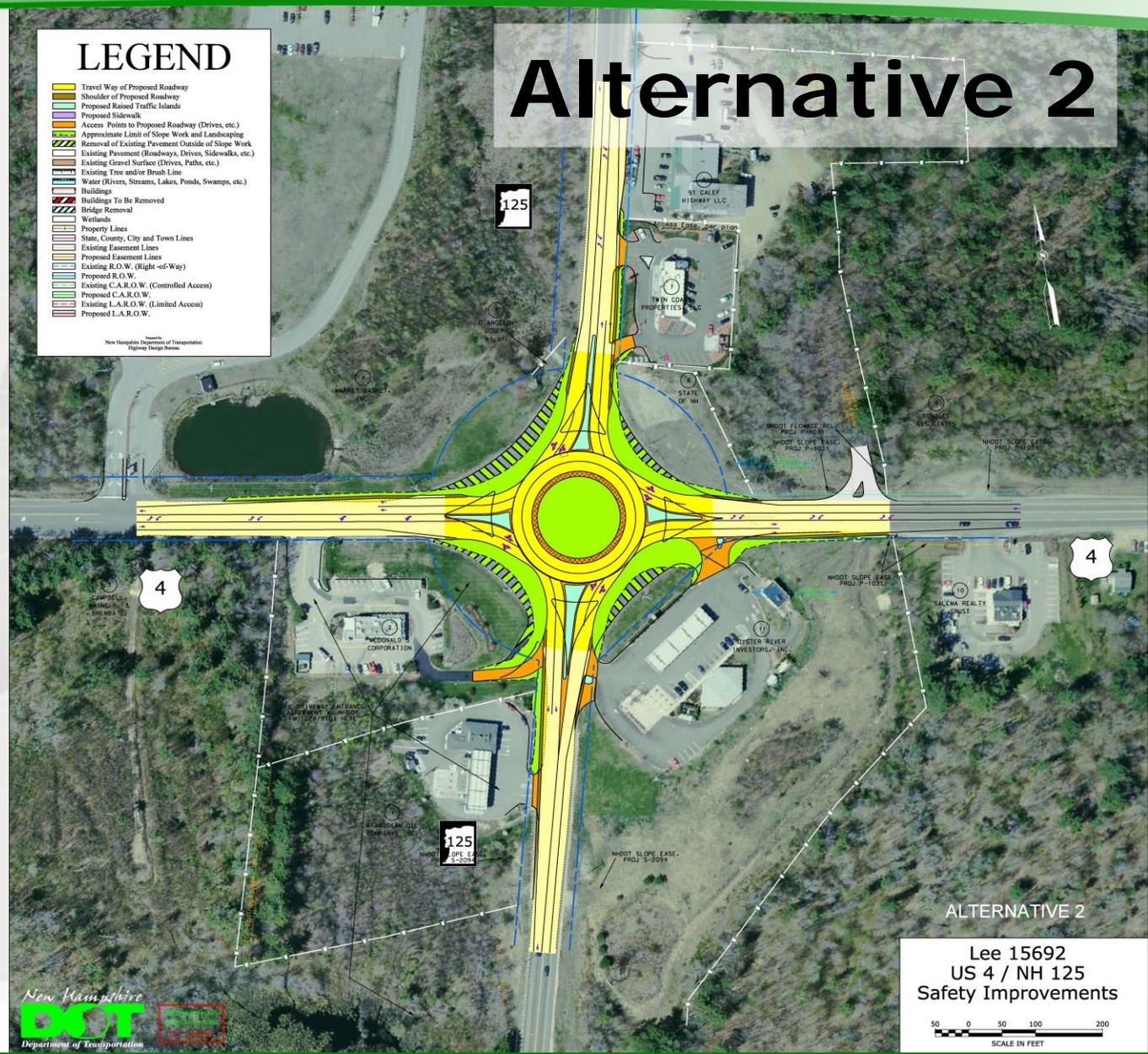


LEGEND

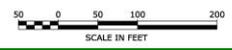
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New Hampshire Department of Transportation
Highway Design Bureau

Alternative 2



ALTERNATIVE 2
Lee 15692
US 4 / NH 125
Safety Improvements



Alternative 2 Details



Project Schedule

- Public Hearing – fall 2010
- Final Design plan preparation – 2010/11
- Right of way acquisition – 2011
- Advertise project for bids – Aug 2011
- Construction begins – spring 2012

Thank You

Plans are available on Internet

[www.nh.gov/dot/projects/lee15692/
index.htm](http://www.nh.gov/dot/projects/lee15692/index.htm)

Questions?