

Route 27 and 30 Intersection Project

25% Design Public Hearing

Kevin Johnson

March 28, 2013



**CDM
Smith®**

Agenda

- Project History
- Mission Statement
- Key Goals
- Design Constraints
- 25% Design Plan



Project History

- Route 27/30 intersection project was developed from the “Route 30 Corridor Study” of the late 1990’s
- 2001- “The Intersection Committee” was created for Route 27/30. CDM Smith selected for conceptual designs
- June 2002- 1st public meeting to solicit ideas and public input
- September 2002 – 2nd public meeting to present two preliminary design alternatives
- October 2002 – 3rd public meeting to selected the preferred alternative
- Spring 2003 – Route 27/30 intersection project was presented at the Town Meeting for design and construction funding. Project did not pass town vote

Project History (cont.)

- Summer 2008 – Project resurrected. Project design advertised, town reselects CDM Smith
- 2009- Boston MPO and MassDOT agree to place Route 27/30 in the TIP at \$1.8m
- October 2010 – 25% plans submitted to MassDOT
- 2011 - Route 27/30 project programmed for the 2016 TIP
- March 28, 2013 – 25% Design Public Hearing
- Early 2014 – 75% Design Plans
- 2015 – Final Design Plans
- 2016 –Construction

Mission Statement

- 2002 – Intersection Committee Mission Statement....
- “To create intersection design plans that substantially improve pedestrian safety, vehicular safety, and that contribute to the enhancement of the village character.”



Key Project Goals

- Safety for all users!
- Enhanced village character
- Updated traffic signals
- Link the village with the Hannah Williams Playground
- Improve traffic flow and right of way
- Minimize abutter impacts
- Incorporate streetscaping elements



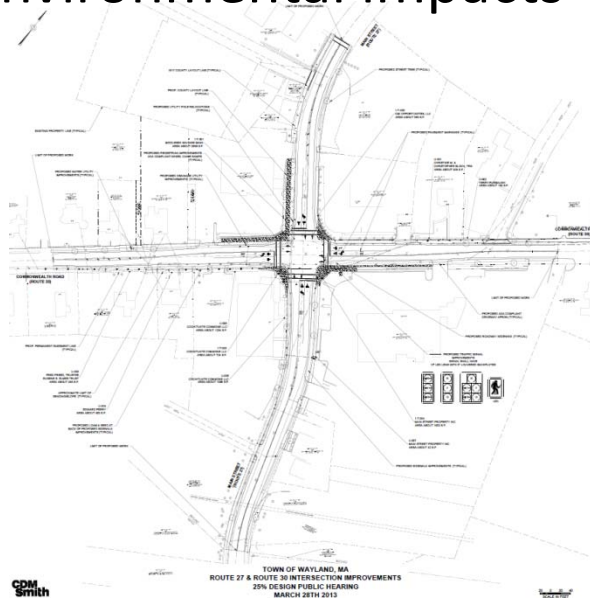
Design Constraints

- Accommodate bicyclists and pedestrians
- Accommodate trucks
- Meet ADA requirements
- Update signals, signs and markings to MassDOT and MUTCD standards
- Meet minimum design standards for lane widths
- Narrow corridor for improvements (50' ROW)
- High volume of traffic (16,000 vpd)
- Snake brook
- Funding



25% Design Plans

- Meet the goals of the town
- Comply with federal and state requirements for roadway improvements
- Incorporate a multi-modal, context sensitive approach
- Limited ROW and environmental impacts



Questions?

