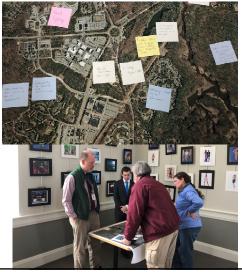




APRIL LISTENING SESSION

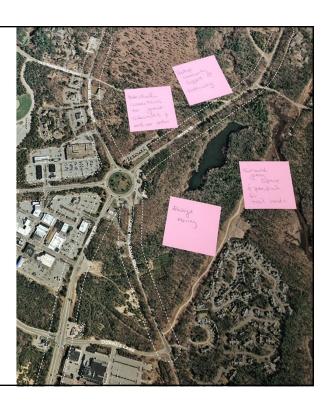




5

LIKES

- · Multi-use paths
- Bypass roads
- · Open space
- Walking paths in Commons
- Holiday Lights
- How Rotary is always Moving
- Rotary Works Well Most of Year
- Rotary over traffic light, easy & efficient



ISSUES

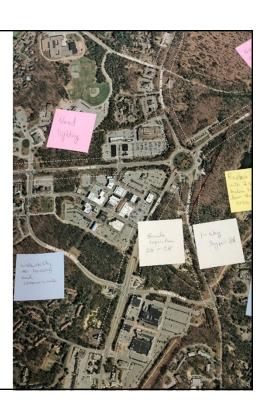
- · Challenging for peds/bikes
- Rotary too large/unsure if two lanes
- · Additional turn lanes needed
- · High speeds
- People don't know how to drive rotary
- · Lane merges
- · Rotary curb cuts problematic
- Rotary over traffic light, easy & efficient
- Lack of signage and pavement markings

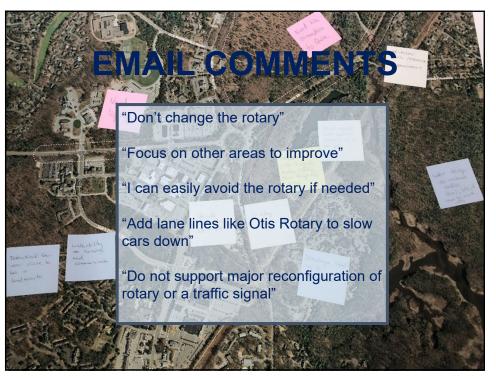


7

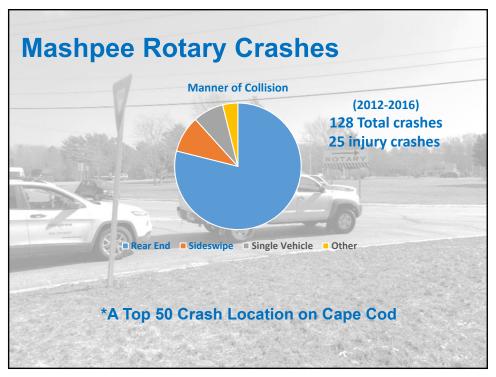
SUGGESTIONS

- · Smarter signals
- · Bike connections & walking paths
- · More lighting
- Grade separation
- · Traffic signals
- Roundabouts
- · More speed signage
- Remove one road from rotary
- Add lane lines in rotary
- Add/lengthen turn lanes at traffic signals



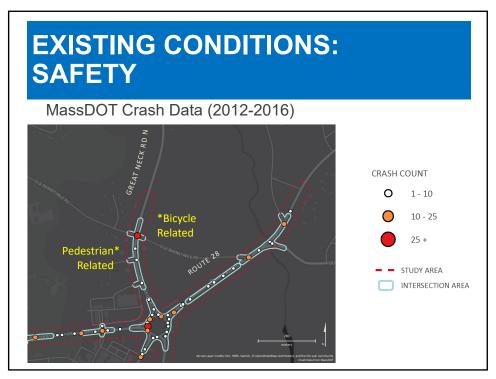


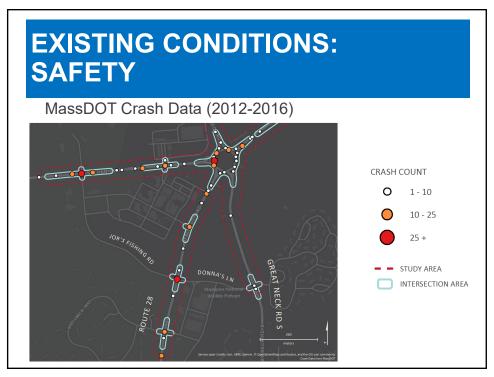
C

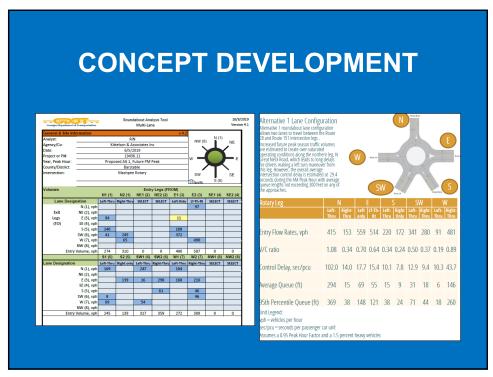




| | | VAY SAFET | |
|--|---|--|--|
| | Short Term | Mid-Term | Long Term |
| | Replace deteriorated "State Law" signs | Re-design splitter islands | Investigate rotary replacement |
| | Add yield striping and a 2 nd "Yield" sign on all approaches | Install wayfinding diagrammatic signage for rotary | Consider redesigning into a two-lane modern roundabout |
| | Install "Reduce Speed Ahead" signs | Retrofit the rotary with lane markings | |
| | Confirm Rt 151 queue detection is working. | Construct a shared use path around rotary | STATE LAW DRIVERS YIELD TO ROTARY TRAFFIC |
| | | | |





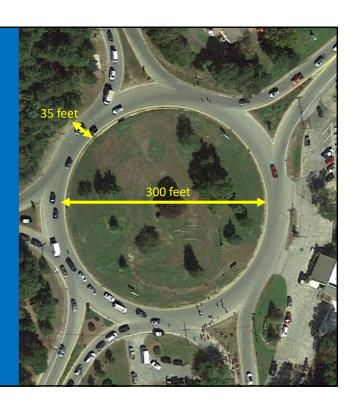


Traffic Terms Defined

Rotary vs. Roundabout

Mashpee Rotary

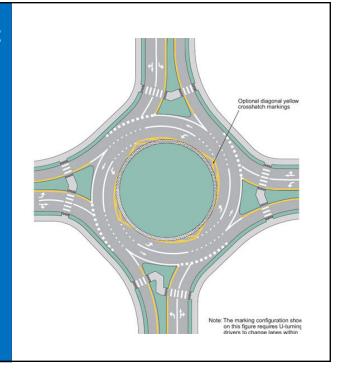
- Large diameterWide circulatory lanes
- No directional striping or signage
 • High speed

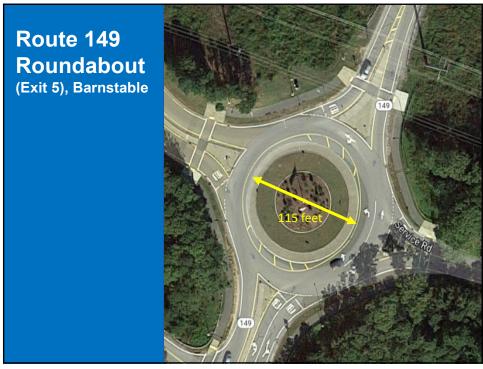


17

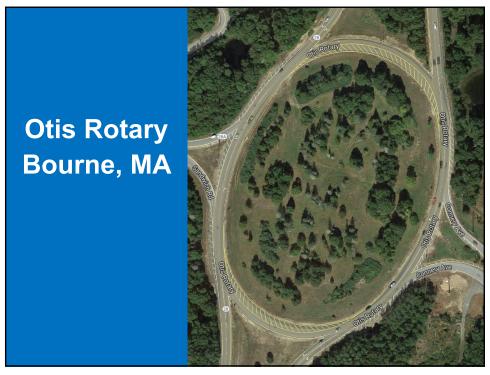
Roundabout Design

- Smaller diameter
- Lane striping & assignment
- Low speed
- Multi-modal accommodation





Rotary Retrofit









ALTERNATIVES REVIEW

- Mashpee Rotary
- Local Intersections
- Multi-Modal Improvements

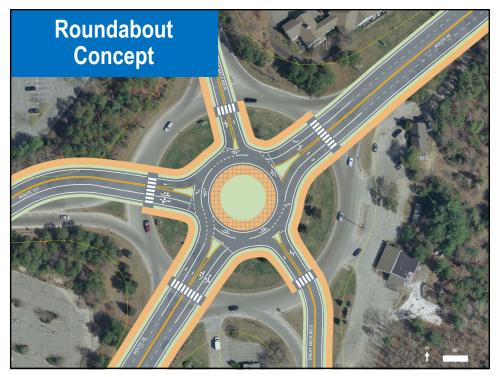
Mashpee Rotary Alternatives

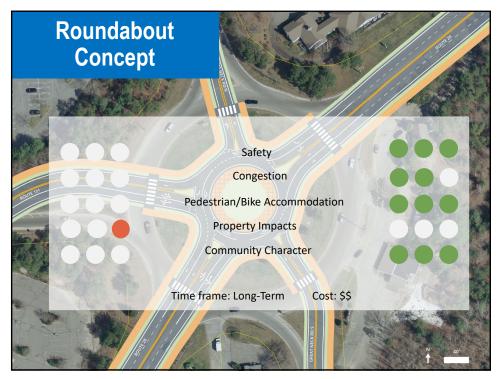
- Rotary Retrofit
- Two-Lane Roundabout
- Overpass/Tunnel
- Traffic Signal
 - 3 options

25



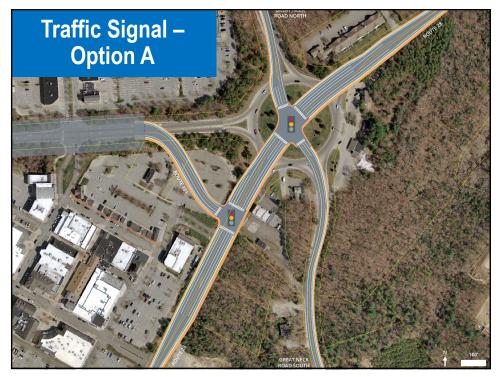


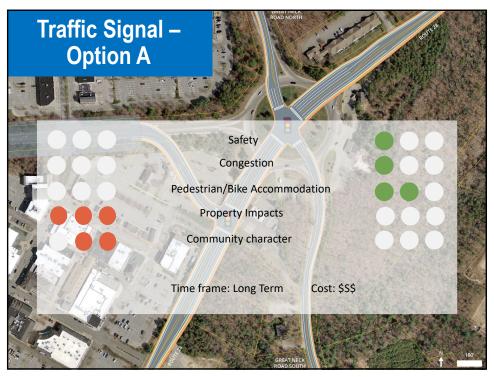




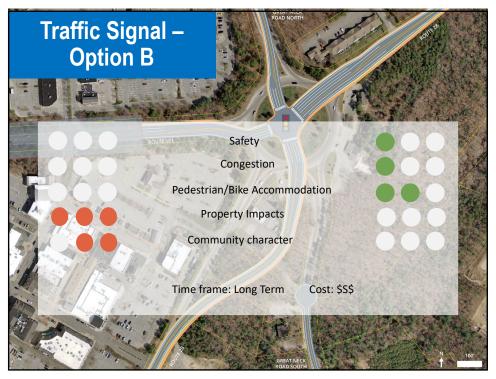




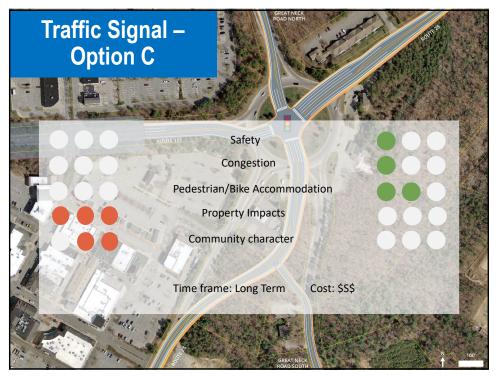






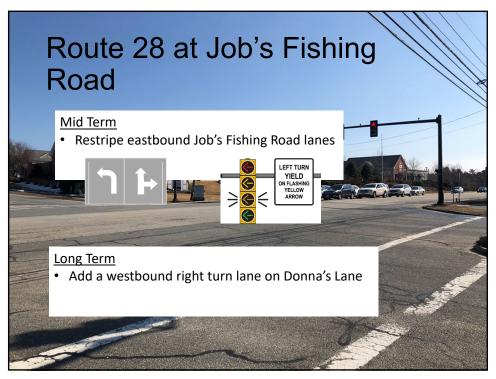






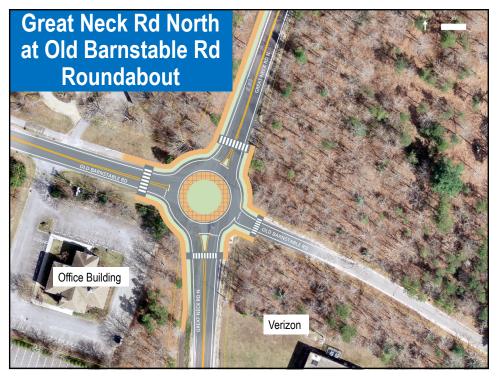
Local Intersections

- Route 28 at Job's Fishing Rd/Donna's Ln
- Great Neck Road North at Old Barnstable Road
- Great Neck Road South at Donna's Ln
- Route 28 at Meetinghouse Road
- Route 28 at Quinaquisset Avenue

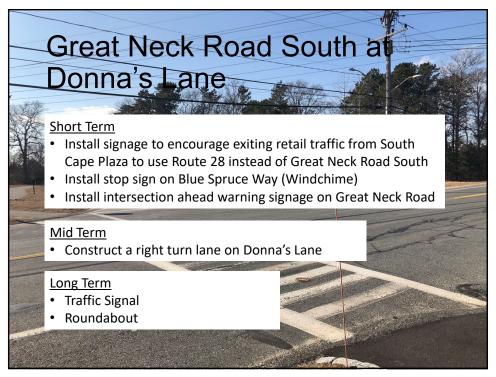






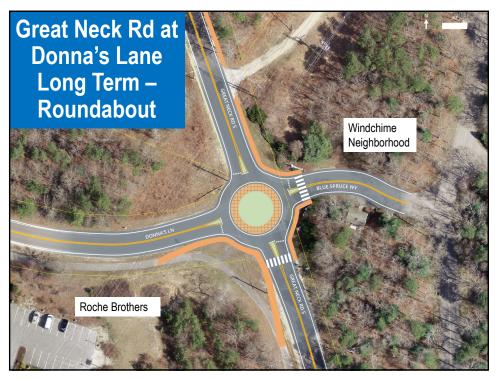




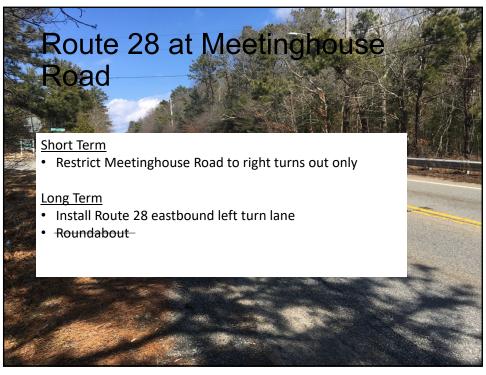












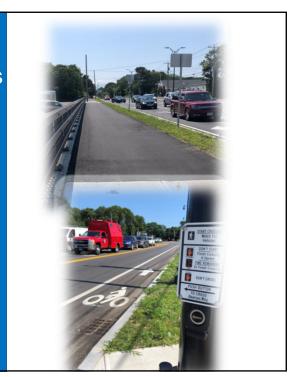




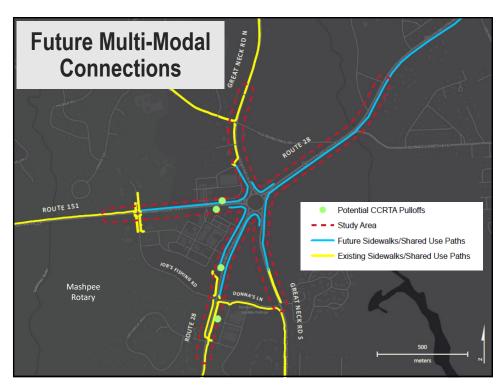


Multi-Modal Accommodations

- Add multi-use path around rotary
- Connect sidewalk and shared use path gaps within study area
- Upgrade traffic signals with pedestrian ADA (i.e. Route 28 and Orchard Road)

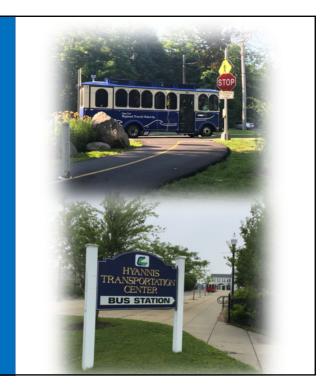


53

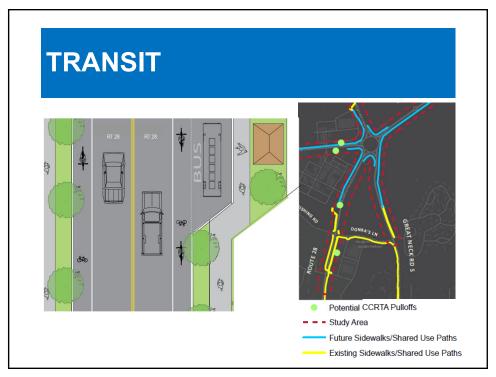


TRANSIT

- Consideration of small multi-modal center (long term)
- Consideration of small local circulator route (i.e. trolley)
- Review CCRTA routing (for regional efficiency)
- Identify areas for bus pull-offs (short term)



55







NEXT STEPS

- Public Comments Open until December 20th
- Revise Concepts and Finalize Recommendations
- Draft and Final Report Early 2020
- Work with MassDOT and Town to implement short and mid-term recommendations (1-5 years)
- Plan for long-term changes (5+ years) would involve additional public input

