

West Chatham

Main Street Intersections and Corridor Project Town of Chatham, Massachusetts



CONTINUED CORRIDOR DISCUSSION

September 21, 2010



Agenda-Traffic

- Introduction – 7:00
- Project Update – 7:05
- Proposed Corridor Plan – 7:10
- Roadway Jurisdiction – 7:15
- Underground Utilities – 7:30
- Transition Remarks – 7:40



Project Team-Traffic

- Town of Chatham
 - Terry Whalen – Town Planner
 - Jeff Colby – Dept of Public Works
 - Paul Lagg – GIS Coordinator
- FST
 - Doug Prentiss, P.E., PTOE



Project Limits





Project Objective

- To improve the operating conditions along Main Street in West Chatham for all users by developing a unified vision for transportation improvements





Key Summary Points

- Traffic control - traffic signals or roundabouts at both intersections
- Bike trail connections and multi-use path
- Pedestrian-friendly corridor with ADA ramps, sidewalks, crosswalks and appropriate street lighting
- Curb cut management for safe in/out activity

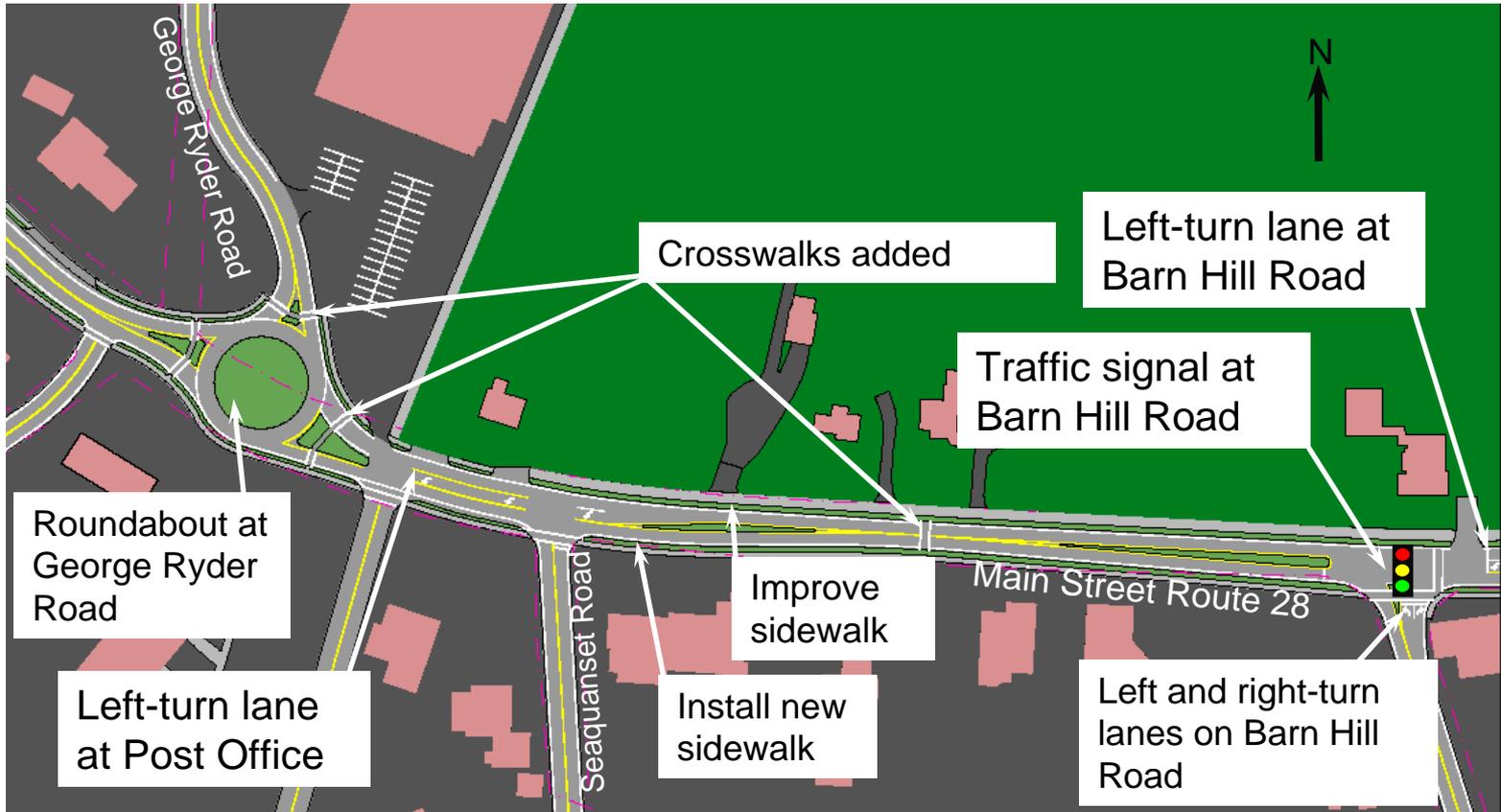


Key Summary Points-Con't

- Right and left turn lanes to manage activity
- Slow down traffic → narrower lanes, median or painted islands, speed enforcement
- Improve landscaping
- Create a corridor for all users



Key Points of Corridor Plan





Existing vs. Proposed Corridor



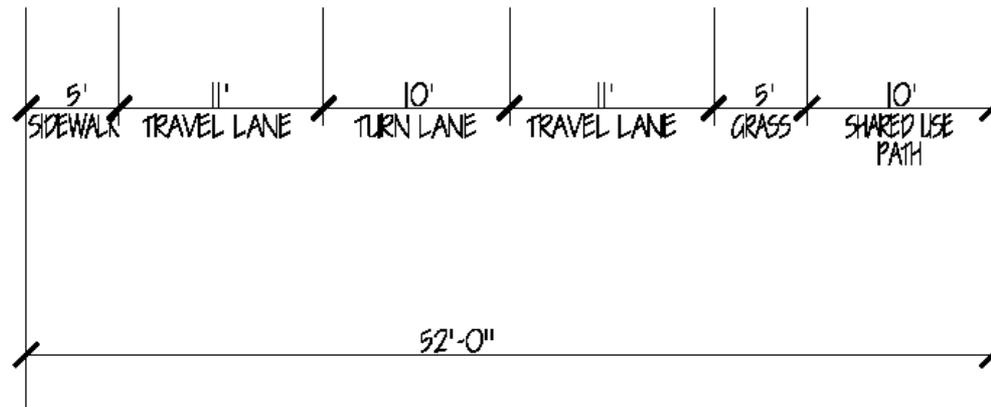
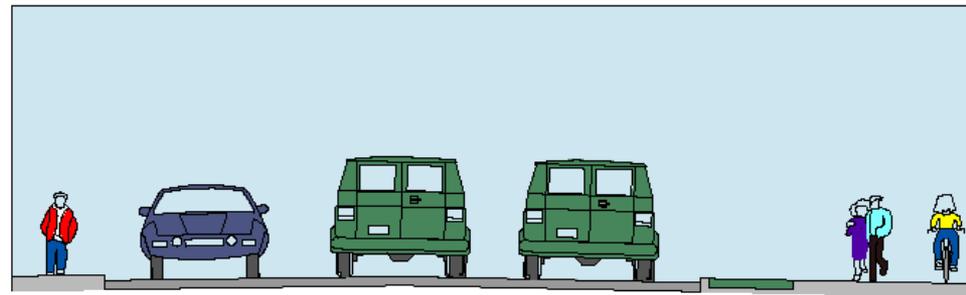


Benefits of "Road Diet"

- Infrastructure matches needs of road users
- Roadway width decreases 10', on average
- Reduced lane width from 13.5' to 11'
- Pedestrian crossing times reduced by 2.5-5 seconds
- Sidewalk placed to accommodate users
- Curb cuts managed



Proposed Cross Section



MAIN STREET CORRIDOR
PROPOSED 3-LANE CROSS SECTION
AT POST OFFICE



Jurisdictional Responsibilities

- MassDOT Roadway ownership -> DOT Standards used and design criteria
- Deviation from standards requires *Design Exception*
- Town-owned roadway provides more flexibility on standards/guidelines



Ownership of Main Street?

- Route 28 is a MassDOT roadway
- Town could initiate a takeover (own & maintain)
Town would need to buy into takeover
 - Ramifications identified
 - How to fund in future
 - State Aid would increase
 - State number would remain
- A designated section for takeover should be identified (a *segment* is not preferred)
- Process would be formalized with DOT
- DOT will work with Town



Ownership of Main Street? -continued

- State would re-construct road to standards and hand-off road to Town in "*good condition*"
- If a *design waiver* is required, becomes a critical issue and process is slowed
- General Process:
 - Town (BOS) initializes a letter to DOT
 - Meeting held @ DOT District 5 in Taunton
 - Details of project limits identified
 - Discontinuance plans produced
 - Public hearings held



Cape Jurisdiction

Route	Jurisdiction	Section	Approx Length
Provincetown			
6A (Commercial-Bradford)	MassDOT	Truro T/L to Allerton St	1.3 miles
6A (Bradford)	Town	Allerton St to West End	2.5 miles
Commercial St	MassDOT	Bradford to Allerton	0.2 miles
Snail Road	MassDOT	Commercial to Route 6	0.3 miles
Truro			
6A (Shore Road)	Town	Route 6 – Ptown T/L	4.5 miles
Orleans			
39	Town	Route 28 – Brewster T/L	0.6 miles
28 & 6A	MassDOT	Entire lengths	-



Cape Jurisdiction – Con't

Route	Jurisdiction	Section	Approx Length
Chatham			
137	Town	Route 28 to Queen Anne Rd	1 ¼ miles
Harwich			
137	Town	Brewster T/L to Queen Anne Road	2.2 miles
39	Town	Brewster T/L to Chatham Rd	4.7 miles
39/124	Town	Main Street to Rte 28	1.3 miles
124	Town	Brewster T/L - Main St	3 miles
Dennis			
134	Town	Route 6A to Route 28	5.3 miles
Brewster			
39	Town	Orleans T/L to Harwich T/L	1.2 miles
124	Town	Harwich T/L to Rte 6A	2.5 miles
137	Town	Harwich T/L to Rte 6A	3.6 miles



Cape Jurisdiction – Con't

Route	Jurisdiction	Section	Approx Length
Barnstable			
149	Town	Route 28 to Route 6A	4.5 miles
132	Town	Bearses Way to A/P Rotary	1.3 miles
6A (Main St)	Town	Hyannis Rd to Old Jail Lane	¾ mile
Mashpee			
151	Town	Mashpee Rotary – Falmouth T/L	2.2 miles
130	Town	Route 28 to Sandwich T/L	4.1 miles
Sandwich			
130	Town	Mashpee T/L to Rte 6	5.2 miles
Falmouth			
28	Town	Davis Straights to Locust	1.3 miles



Corridor Considerations

- Livable Street
- Character
- Landscaping
- Curb cuts
- Utilities



Underground Utilities -Key Issues-

- Process is Lengthy
 - Identification - jurisdiction – design - construction
- Retro-fitting difficult and time-consuming
- Need to determine what's there (telephone; cable, electric, etc.). What about street lights?
- Ownership & who controls lines is critical??
- Primary & secondary lines
- How are lines connected? Costs
 - Easement from property owners--trenches--property owner pays
- Transformer and manhole locations
- ~ 2 years -> 100% plans



What's next??



September 21,
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Alternative 1

