

The West Chatham Association, Inc.

www.westchathamassociation.com



West Chatham Association, Inc.

Project Objectives

- **Comprehensive Long Range Plan
Land-Use Section of Town's Master Plan**
 - Improve conditions for Pedestrians**
 - Improve vehicular safety**
 - Reduce curb cuts**
 - Encourage rear/side joint parking lot**
- **Lower vehicular speeds**
- **Support local business needs**

INTERSECTIONS

Correct unsafe intersections

Reduce vehicular speeds

- **Barn Hill intersection - install seasonal traffic light - full operation in summer, flashing in off season**
- **Geo Ryder Rd intersection - Install traffic light (requires road realignment).**

An Option at Geo Ryder Intersection



ROAD CORRIDOR

- **Reduce vehicular speeds**
- **Be supportive of local businesses**
- **Improve pedestrian conditions**

ROAD CORRIDOR

- **Narrow the two travel lanes to 11 ft**
- **Narrow the turning lane to 10 ft**
- **Bring roadside curbs closer together**
- **Use extra width for sidewalks and green space**
- **Reduce curb-cuts & add joint rear parking lot in future**

SIDEWALKS

Improve pedestrian conditions

Support local businesses

Widen north sidewalk for joint use

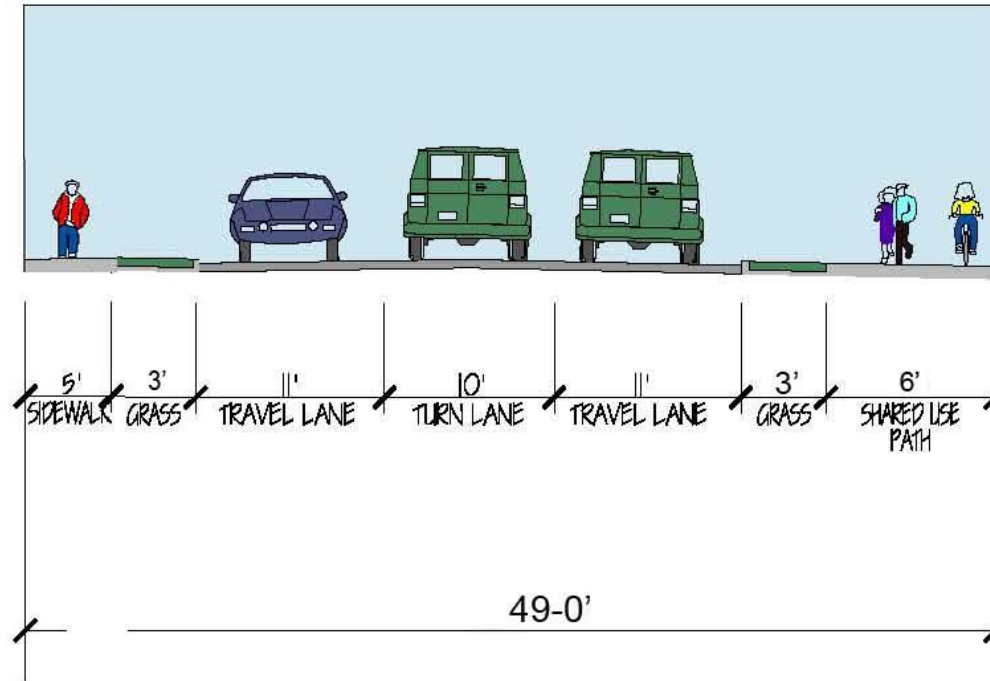
- **Add 5 foot south walkway from BH to beyond The Marketplace for safety & access to Businesses**
- **Widen north sidewalk to 6 ft between GRR and Whelden Way**
- **Add green space between sidewalk and road**

10 foot wide north sidewalk NOT appropriate

- **Not consistent with 1.1 miles of 6 foot joint use sidewalk between RT 28 and Hardings Beach.**
- **No Town plans to widen remaining sidewalk to downtown or to RT 137.**
- **Traditionally light pedestrian & bike traffic on this short stretch.**
- **10 foot wide sidewalk will encourage unsafe bike speeds & potential accidents**
- **Green space between sidewalk and curb widens path for pedestrians if needed**

West Chatham Association (WCA)

Proposed Cross Section



MAIN STREET CORRIDOR
PROPOSED 3-LANE CROSS SECTION

Throughout Corridor

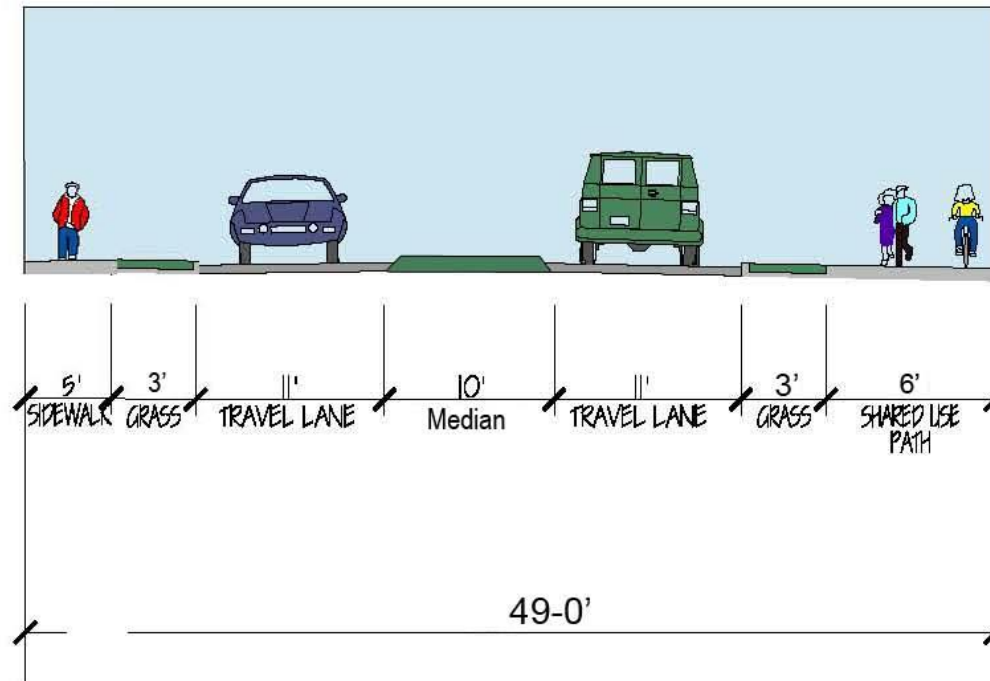
Existing = 38 ft. curb to curb

5 ft. sidewalk (North side)

5-7 ft. available sidewalk on South side

West Chatham Association (WCA)

Proposed Cross Section



MAIN STREET CORRIDOR

Proposed Cross Section at Median Island Locations

Throughout Corridor

Existing = 38 ft. curb to curb

5 ft. sidewalk (North side)

5-7 ft. available sidewalk on South side

CENTER TURNING LANE

**KEEP the center turning lane
between GRR and BH**

- **Business friendly approach**
- **Improves customer access**
- **Avoids traffic backups**
- **Fewer rear end collisions with left turning lane vs only 2 lanes**
- **Turning Lane widely accepted locally**

CROSSWALKS on RT 28

Current: 2 non ADA compliant
crosswalks

Future: Upgrade & add 2 crosswalks

- Maintain crosswalk at Seaquanset
- Reposition Barn Hill crosswalk closer to southwest corner
- New crosswalk just east of GRR
- New crosswalk between Seaquanset & Barn Hill Roads

MEDIAN ISLANDS

- **Implement Median islands at crosswalk locations in center turning lane**
- **Cape Cod Commission recommended in an earlier town presentation**
- **Recommended by consultant in the 2006 West Chatham Grant Study**

MEDIAN ISLAND BENEFITS

- **Shortest pedestrian crossing times**
- **Slows and directs traffic flow**
- **Prevents unauthorized passing in turning lane**
- **Allows area beautification**
- **Provides entrance point & sets tone at both ends of center**

PEDESTRIAN REFUGE ISLAND



Pedestrian Refuge Island



Mid-Block Median Island



REAR PARKING & CURB CUT REDUCTION

- **In future, rear/side joint parking lot agreed upon by business property owners & town**
- **Reduce RT 28 curb cuts from Seaquanset to Barn Hill from 8 to 4/5**
- **Future rear joint parking lot to have both access & exit on RT 28**
- **Aerial view shows possible parking lot location with entrances & exits**



BEARSES POND

39 GEORGE RYDER RD

1674 MAIN ST

1624 MAIN ST

1620 MAIN ST

1610 MAIN ST

1566 MAIN ST

1698 MAIN ST

1685 MAIN ST

1671 MAIN ST

1653 MAIN ST

1629 MAIN ST

1619 MAIN ST

1615 MAIN ST

1603 MAIN ST

1591 MAIN ST

1589 MAIN ST

SEAUANSET ROAD

MAIN STREET

BARNHILL ROAD

GEORGE RYDER ROAD

GEORGE RYDER ROAD SOUTH

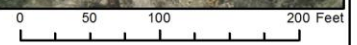
SEA STRAND STRAND WAY

Proposed Joint Parking Area

28 BARN HILL RD



West Chatham Association Inc. - West Chatham Traffic Improvements Rev. 2



February 2011

RT 28 Corridor SUMMARY

- **Preserve Turning Lane**
- **Median islands to direct flow/reduce speed**
- **Narrow 2 travel lanes to 11 feet**
- **Add/improve sidewalks**
- **Grass between sidewalks and curbs**
- **Crosswalks and median islands = safe pedestrian passage**
- **Future reduction in curb-cuts**
- **Future rear joint parking with access & exit on RT 28**
- **Improved Streetscape**

Dunkin Donut Exit onto RT 28 (NOW)



Dunkin Donut Exit Need at RT 28



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