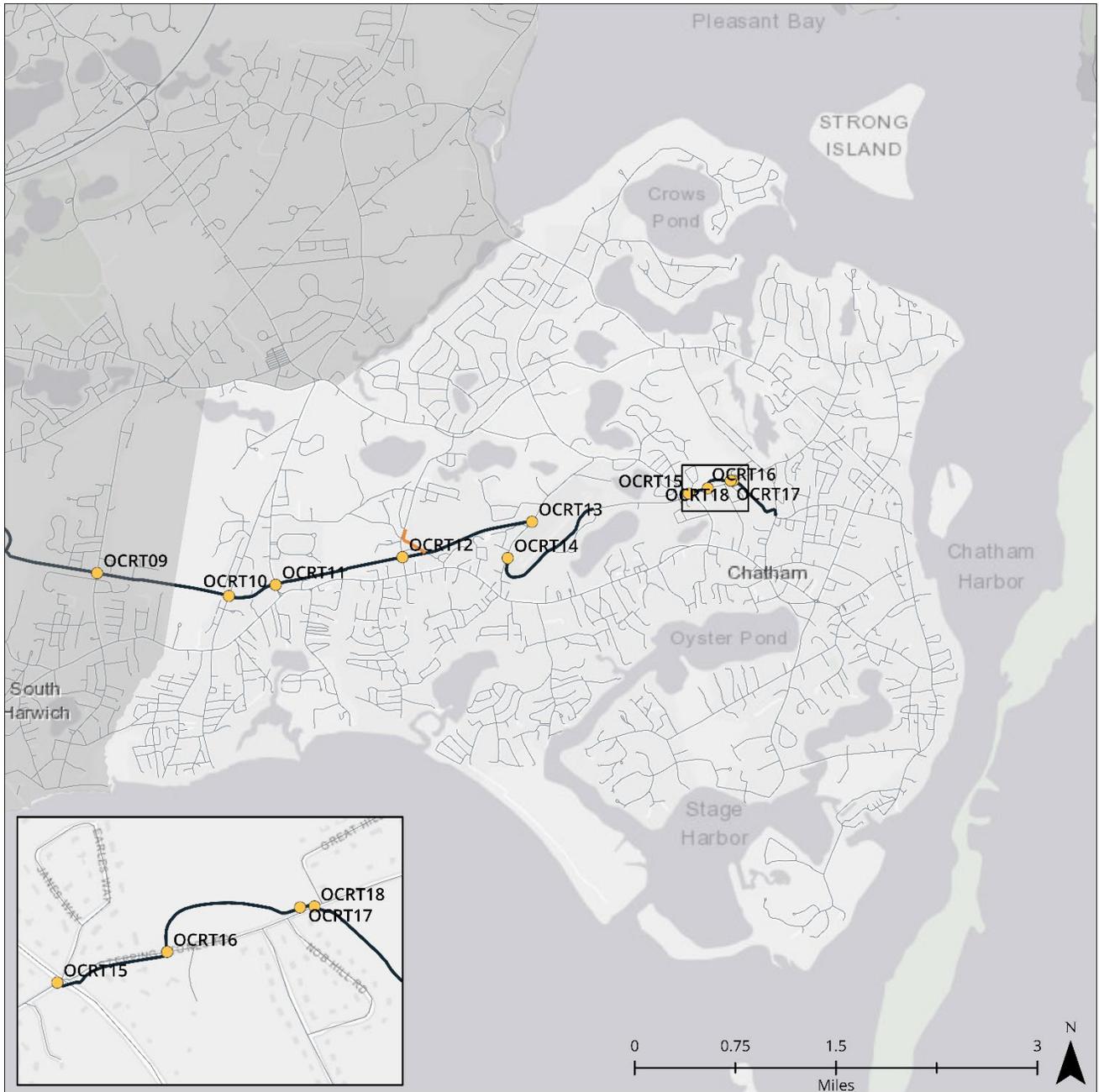


CHATHAM



Cape Cod Rail Trail – Harwich to Chatham Extension / Old Colony Rail Trail #10 (Morton Road)

CRASH HISTORY SURROUNDING THE CROSSING

No crash history around the crossing.

MORTON ROAD, ROAD SAFETY FEATURES

Dir.	Advance Warning Signs	Bike Trail Crossing Signs	Advance Pavement Markings	Control Type	Shark Teeth Yield Markings	Crosswalk Markings	Median Between Crosswalk	Additional Safety Features	Visibility of Bike Trail	Grade	Posted Speed Limit	Avg. Lane and Shoulder Width
NB	Good	None*	Poor	None	None	Poor	No	State Law Stop Sign**	Fair	Slight Down hill	None	10'/none
SB	Good	None*	Poor	None	None	Poor	No	State Law Stop Sign**	Fair	Slight Down hill	None	10'/none

* Green, wayfinding signage present, but no regulatory Bike Trail Crossing signs

** State Law Stop Signs attached to wayfinding signage

CAPE COD RAIL TRAIL – HARWICH TO CHATHAM EXTENSION / OLD COLONY RAIL TRAIL BIKEWAY SAFETY FEATURES

Dir.	Control Type	Condition of Signage	Pavement Markings	Advance Warning Signs	Sight Distance	Width at Intersection	Median Approaching Intersection	Other Features	Crossing Distance	Crosswalk Style	Crosswalk Width	Tactile Warning Plates
W B	Stop	Fair	None	Yes	Good	11'	No	None	21'	Zebra (faded)	10'	None
EB	Stop	Fair	None	No	Good	12'	No	None	22'	Zebra (faded)	10'	None

IMAGES

Figure 174: Road Approach is Not Highly Visible and Lacks Regulatory Bike Trail Signage



Figure 175: View from Path Crossing (Note the Faded Crosswalk)



Cape Cod Rail Trail – Harwich to Chatham Extension / Old Colony Rail Trail #11 (Meetinghouse Road)

CRASH HISTORY SURROUNDING THE CROSSING

Crash Date	Crash Time	Crash Severity	Non-Motorist Action (All Persons)	Light Conditions	Weather Conditions
7/4/2015	10:55 AM	Property damage only (none injured)	None	Daylight	Clear/Unknown
6/24/2019	11:07 AM	Non-fatal injury	P2: Cyclist	Daylight	Clear

MEETINGHOUSE ROAD, ROAD SAFETY FEATURES

Dir.	Advance Warning Signs	Bike Trail Crossing Signs	Advance Pavement Markings	Control Type	Shark Teeth Yield Markings	Crosswalk Markings	Median Between Crosswalk	Additional Safety Features	Visibility of Bike Trail	Grade	Posted Speed Limit	Avg. Lane and Shoulder Width
NB	Good	Good*	None	None	None	Poor	No	RRFB (only on one side of street)	Fair	None	None	18'2'
SB	Good	Good*	Poor	None	None	Poor	No	RRFB (two sides of street)	Good	None	None	11'1'

* Green, wayfinding signage as well.

Bike Trail Crossing signs take the form of an RRFB.

CAPE COD RAIL TRAIL – HARWICH TO CHATHAM EXTENSION / OLD COLONY RAIL TRAIL BIKEWAY SAFETY FEATURES

Dir.	Control Type	Condition of Signage	Pavement Markings	Advance Warning Signs	Sight Distance	Width at Intersection	Median Approaching Intersection	Other Features	Crossing Distance	Crosswalk Style	Crosswalk Width	Tactile Warning Plates
------	--------------	----------------------	-------------------	-----------------------	----------------	-----------------------	---------------------------------	----------------	-------------------	-----------------	-----------------	------------------------

Chatham – Cape Cod Rail Trail, Harwich to Chatham Extension / Old Colony Rail Trail

EB	Stop	Good	None	Yes	Good	9'	No	RRFB (button)	40'	Ladder	10'	None
W B	Stop	Good	None	Yes	Good	9'	No	RRFB (button)	40'	Ladder	10'	None

IMAGES

Figure 176: Northbound Road Approach with RRFBs on 2 Sides of Road



Figure 177: Trail Crossing is STOP Controlled. Facing SB, There is Only a Single RRFB.



Cape Cod Rail Trail – Harwich to Chatham Extension / Old Colony Rail Trail #12 (Sam Ryder Road)

CRASH HISTORY SURROUNDING THE CROSSING

No crash history around the crossing.

SAM RYDER ROAD, ROAD SAFETY FEATURES

Dir.	Advance Warning Signs	Bike Trail Crossing Signs	Advance Pavement Markings	Control Type	Shark Teeth Yield Markings	Crosswalk Markings	Median Between Crosswalk	Additional Safety Features	Visibility of Bike Trail	Grade	Posted Speed Limit	Avg. Lane and Shoulder Width
SB	Good	None*	Poor	None	None	Fair	No	State Law Stop Sign**	Fair	Slight Down hill	None	10'/1'
NB	Good	None*	Fair	None	None	Fair	No	State Law Stop Sign**	Good	Slight Down hill	None	10'/1'

* Green, wayfinding-oriented signs only (attached to State Law Stop Signs)

**State Law Stop Sign attached to wayfinding signage

CAPE COD RAIL TRAIL – HARWICH TO CHATHAM EXTENSION / OLD COLONY RAIL TRAIL BIKEWAY SAFETY FEATURES

Dir.	Control Type	Condition of Signage	Pavement Markings	Advance Warning Signs	Sight Distance	Width at Intersection	Median Approaching Intersection	Other Features	Crossing Distance	Crosswalk Style	Crosswalk Width	Tactile Warning Plates
W B	Stop	Good	None	Yes	Good	11'	No	None	24'	Zebra	10'	None
EB	Stop	Good	None	Yes	Good	11'	No	None	24'	Zebra	10'	None

IMAGES

Figure 178: Road Approach with Zebra Crosswalk



Figure 179: Path Approach



Cape Cod Rail Trail – Harwich to Chatham Extension / Old Colony Rail Trail #13 (George Ryder Road #2, Adjacent to Airport)

CRASH HISTORY SURROUNDING THE CROSSING

Crash Date	Crash Time	Crash Severity	Non-Motorist Action (All Persons)	Light Conditions	Weather Conditions
2/5/2016	7:22 PM	Property damage only (none injured)	None	Dark - roadway not lighted	Snow/Sleet, hail (freezing rain or drizzle)

GEORGE RYDER ROAD #2, ROAD SAFETY FEATURES

Dir.	Advance Warning Signs	Bike Trail Crossing Signs	Advance Pavement Markings	Control Type	Shark Teeth Yield Markings	Crosswalk Markings	Median Between Crosswalk	Additional Safety Features	Visibility of Bike Trail	Grade	Posted Speed Limit	Avg. Lane and Shoulder Width
NB	Good	None*	Poor	None	None	Fair	No	Bike lane	Good	None	None	11’/3’
SB	None	None*	Fair	None	None	Fair	No	None	Good	None	None	10’/1’

* Green, wayfinding signage only

CAPE COD RAIL TRAIL – HARWICH TO CHATHAM EXTENSION / OLD COLONY RAIL TRAIL BIKEWAY SAFETY FEATURES

Dir.	Control Type	Condition of Signage	Pavement Markings	Advance Warning Signs	Sight Distance	Width at Intersection	Median Approaching Intersection	Other Features	Crossing Distance	Crosswalk Style	Crosswalk Width	Tactile Warning Plates
W B	None	None	None	No	Fair	9’	No	None	31’	Zebra	9’	None

Chatham – Cape Cod Rail Trail, Harwich to Chatham Extension / Old Colony Rail Trail

EB	Stop	Good	None	Yes	Good	30'	Yes	Seating/ informat ion/bike rack area	31'	Zebra	9'	None
----	------	------	------	-----	------	-----	-----	--	-----	-------	----	------

NOTES

Bicyclists travelling south/eastbound do not generally cross George Ryder Road at this location but use a bike lane on George Ryder Road to travel south and access the southernmost crossing (OCRT #14).

IMAGES

Figure 180: View of the Crossing; Note the Lack of Regulatory Bike Trail Crossing Signs



Figure 181: View of the Seating and Bike Rack Area



Cape Cod Rail Trail – Harwich to Chatham Extension / Old Colony Rail Trail #14 (George Ryder Road #1, Just South of Katie Ford Rd)

CRASH HISTORY SURROUNDING THE CROSSING

No crash history around the crossing.

GEORGE RYDER ROAD #1, ROAD SAFETY FEATURES

Dir.	Advance Warning Signs	Bike Trail Crossing Signs	Advance Pavement Markings	Control Type	Shark Teeth Yield Markings	Crosswalk Markings	Median Between Crosswalk	Additional Safety Features	Visibility of Bike Trail	Grade	Posted Speed Limit	Avg. Lane and Shoulder Width
WB	Good	None*	Poor	None	None	Fair	No	Bike Lane, State Law Stop Sign**	Good	None	None	10'4'
EB	Good	None*	Poor	None	None	Fair	No	Bike Lane, State Law Stop Sign**	Good	None	None	10'4'

* Green, wayfinding signage only (attached to State Law Stop Signs).

**State Law Stop Sign is attached to wayfinding signage

CAPE COD RAIL TRAIL – HARWICH TO CHATHAM EXTENSION BIKEWAY SAFETY FEATURES

Dir.	Control Type	Condition of Signage	Pavement Markings	Advance Warning Signs	Sight Distance	Width at Intersection	Median Approaching Intersection	Other Features	Crossing Distance	Crosswalk Style	Crosswalk Width	Tactile Warning Plates
NB	Stop	Good	Fair	Yes	Fair	28'	Yes	Access to bike lane	32'	Zebra	10'	None
SB	None	None	None	No	Good	9'	No	None	32'	Zebra	9'	None

NOTES

Bicyclists travelling north/westbound do not generally cross George Ryder Road at this location but use a bike lane on George Ryder Road to travel north and access the northern crossing (OCRT #13).

IMAGES

Figure 182: View of the Crossing from the Road. Note Zebra Crosswalk.



Figure 183: Road Approach with Planter-Style Splitter



Cape Cod Rail Trail – Harwich to Chatham Extension / Old Colony Rail Trail #15 (Old Queen Anne Road)

CRASH HISTORY SURROUNDING THE CROSSING

Crash Date	Crash Time	Crash Severity	Non-Motorist Action (All Persons)	Light Conditions	Weather Conditions
6/9/2016	5:02 PM	Non-fatal injury	None	Daylight	Clear
7/5/2016	6:35 PM	Property damage only (none injured)	None	Daylight	Clear
8/15/2017	8:24 AM	Not Reported	None	Daylight	Cloudy/Rain
12/21/2017	6:36 AM	Property damage only (none injured)	None	Dawn	Clear
10/13/2019	11:52 AM	Non-fatal injury	P2: Cyclist	Daylight	Clear

OLD QUEEN ANNE ROAD, ROAD SAFETY FEATURES

Dir.	Advance Warning Signs	Bike Trail Crossing Signs	Advance Pavement Markings	Control Type	Shark Teeth Yield Markings	Crosswalk Markings	Median Between Crosswalk	Additional Safety Features	Visibility of Bike Trail	Grade	Posted Speed Limit	Avg. Lane and Shoulder Width
NB	Fair	None*	None	None	None	Poor	No	State Law Stop Sign**	Fair	Slight Down hill	None	9'/1'
SB	Good	None	None	None	None	Poor	No	None	Poor	Slight Down hill	None	10'/1'

* Green, wayfinding signage only (attached to State Law Stop Sign).

**State Law Stop Sign is attached to wayfinding signage

CAPE COD RAIL TRAIL – HARWICH TO CHATHAM EXTENSION / OLD COLONY RAIL TRAIL BIKEWAY SAFETY FEATURES

Dir.	Control Type	Condition of Signage	Pavement Markings	Advance Warning Signs	Sight Distance	Width at Intersection	Median Approaching Intersection	Other Features	Crossing Distance	Crosswalk Style	Crosswalk Width	Tactile Warning Plates
EB	None	None	Fair	No	Fair	10'	No	None	54'	Zebra	12'	None
W B	Stop	Good	Poor	Yes	Fair	12'	No	None	54'	Zebra	11'	None

IMAGES

Figure 184: View of the Crossing from the Road. (Looking Northward)



Figure 185: Path Approach. Note the Faded Crosswalk



Cape Cod Rail Trail – Harwich to Chatham Extension / Old Colony Rail Trail #16 (Stepping Stones Road #2, Just East of Old Queen Anne Road)

CRASH HISTORY SURROUNDING THE CROSSING

Crash Date	Crash Time	Crash Severity	Non-Motorist Action (All Persons)	Light Conditions	Weather Conditions
6/6/2015	11:59 AM	Non-fatal injury	P2: Pedestrian	Daylight	Cloudy

STEPPING STONES ROAD #2, ROAD SAFETY FEATURES

Dir.	Advance Warning Signs	Bike Trail Crossing Signs	Advance Pavement Markings	Control Type	Shark Teeth Yield Markings	Crosswalk Markings	Median Between Crosswalk	Additional Safety Features	Visibility of Bike Trail	Grade	Posted Speed Limit	Avg. Lane and Shoulder Width
WB	Good	None*	None	None	None	Fair	No	State Law Stop Sign**	Fair	Slight Uphill	None	9'/1'
EB	Good	None*	None	None	None	Fair	No	State Law Stop Sign**	Fair	Uphill	30'	10'/1'

* Green, wayfinding signage only (attached to State Law Stop Sign).

**State Law Stop Sign attached to wayfinding signage

CAPE COD RAIL TRAIL – HARWICH TO CHATHAM EXTENSION / OLD COLONY RAIL TRAIL BIKEWAY SAFETY FEATURES

Dir.	Control Type	Condition of Signage	Pavement Markings	Advance Warning Signs	Sight Distance	Width at Intersection	Median Approaching Intersection	Other Features	Crossing Distance	Crosswalk Style	Crosswalk Width	Tactile Warning Plates
NB	Stop	Good	None	Yes	Fair	13'	No	None	24'	Zebra	17'	None
SB	Stop	Good	None	No	Fair	10'	No	None	24'	Zebra	17'	None

IMAGES

Figure 186: View of the Crossing from the Road.



Figure 187: Close-Up of the Intersection



Cape Cod Rail Trail – Harwich to Chatham Extension / Old Colony Rail Trail #17 (Tennis Court Parking Entrance, Right Off Stepping Stones Road)

CRASH HISTORY SURROUNDING THE CROSSING

No crash history around the crossing.

TENNIS COURT PARKING ENTRANCE, ROAD SAFETY FEATURES

Dir.	Advance Warning Signs	Bike Trail Crossing Signs	Advance Pavement Markings	Control Type	Shark Teeth Yield Markings	Crosswalk Markings	Median Between Crosswalk	Additional Safety Features	Visibility of Bike Trail	Grade	Posted Speed Limit	Avg. Lane and Shoulder Width
NB*	None	None**	None	None	None	Fair	No	None	Fair	None	None	9'/1'
SB	None	None**	None	None	None	Fair	No	None	Fair	None	None	9'/1'

* Northbound traffic is actually coming from west and east. SB traffic is coming from parking lot.

** Green, wayfinding signage is visible, but is meant for the crossing to the east.

CAPE COD RAIL TRAIL – HARWICH TO CHATHAM EXTENSION / OLD COLONY RAIL TRAIL BIKEWAY SAFETY FEATURES

Dir.	Control Type	Condition of Signage	Pavement Markings	Advance Warning Signs	Sight Distance	Width at Intersection	Median Approaching Intersection	Other Features	Crossing Distance	Crosswalk Style	Crosswalk Width	Tactile Warning Plates
EB	None	Good	None	Yes	Good	11'	No	None	25'	Standard	9'	None
W B	None	None	None	No	Good	11'	No	None	25'	Standard	9'	None

IMAGES

Figure 188: View of the Crossing Looking Northwest Toward Tennis Courts



Figure 189: View Looking East Toward Crossing of Stepping Stones Road



Cape Cod Rail Trail – Harwich to Chatham Extension / Old Colony Rail Trail (Stepping Stones Road #1, Just West of People’s Cemetery)

CRASH HISTORY SURROUNDING THE CROSSING

No crash history around the crossing.

STEPPING STONES ROAD #1, ROAD SAFETY FEATURES

Dir.	Advance Warning Signs	Bike Trail Crossing Signs	Advance Pavement Markings	Control Type	Shark Teeth Yield Markings	Crosswalk Markings	Median Between Crosswalk	Additional Safety Features	Visibility of Bike Trail	Grade	Posted Speed Limit	Avg. Lane and Shoulder Width
EB	Good	None*	Poor	None	None	Fair	No	State Law Stop Sign**	Good	Slight Down hill	None	10’/1’
WB	Good	None*	Poor	None	None	Fair	No	State Law Stop Sign**	Good	Slight Down hill	None	9’/1’

* Green, wayfinding signage only (attached to State Law Stop Sign).

**State Law Stop Sign attached to wayfinding signage

CAPE COD RAIL TRAIL – HARWICH TO CHATHAM EXTENSION / OLD COLONY RAIL TRAIL BIKEWAY SAFETY FEATURES

Dir.	Control Type	Condition of Signage	Pavement Markings	Advance Warning Signs	Sight Distance	Width at Intersection	Median Approaching Intersection	Other Features	Crossing Distance	Crosswalk Style	Crosswalk Width	Tactile Warning Plates
SB	Stop	Good	Fair	Yes	Good	13’	No	None	29’	Zebra	14’	None
NB	Stop	Good	None	Yes	Poor	14’	No	None	29’	Zebra	14’	None

IMAGES

Figure 190: View of the Crossing from the Road. (Looking Eastward)



Figure 191: Path Approach.

