

YARMOUTH



Cape Cod Rail Trail #43 (North Main Street)

CRASH HISTORY SURROUNDING THE CROSSING

Crash Date	Crash Time	Crash Severity	Non-Motorist Action (All Persons)	Light Conditions	Weather Conditions
3/3/2015	2:29 PM	Non-fatal injury	None	Daylight	Cloudy
4/30/2016	1:12 PM	Property damage only (none injured)	None	Daylight	Cloudy/Unknown
6/5/2017	1:21 PM	Property damage only (none injured)	None	Daylight	Cloudy/Rain
7/15/2018	1:02 PM	Property damage only (none injured)	None	Daylight	Clear
8/7/2018	9:00 AM	Property damage only (none injured)	None	Daylight	Clear
1/14/2019	5:51 PM	Property damage only (none injured)	None	Dark - roadway not lighted	Clear/Unknown
7/8/2019	4:59 PM	Property damage only (none injured)	None	Daylight	Clear

NORTH MAIN STREET 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*	Fair	None	None	Fair	No	RRFB	Good	Slight Downhill	None	11'2'
SB	Good	Good*	Fair	None	None	Fair	No	RRFB	Good	None	None	11'3'

*Green, wayfinding signage as well

CAPE COD 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	Stop sign	Good	Fair	No	Good	22'	Yes	None	29'	Ladder	21'	Good
WB	Stop sign	Good	Fair	No	Good	22'	Yes	None	29'	Ladder	21'	Good

EXTRA NOTES

On both sides of the path there's spots to pull of, it is a high traffic roadway

IMAGES

Figure 200: Ladder Crosswalk, Bike Trail Crossing Signs, Advance Bike Trail Crossing Signs, RRFBs, and Clear Sightlines Make Crossing Highly Visible



Figure 201: West-Facing View of Path Crossing



Cape Cod Rail Trail #44 (Dupont Avenue)**CRASH HISTORY SURROUNDING THE CROSSING**

No crash history around the crossing.

DUPONT AVENUE 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*	Good	None	None	Good	Yes	Raised Crosswalk, RRFB	Good	None	None	9'/1'
SB	Good	Good*	Good	None	None	Good	Yes	Raised Crosswalk, RRFB	Good	None	None	9'/1'

*Green, wayfinding-oriented signs as well

CAPE COD 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	Stop	Good	Good	No	Fair	22'	Yes	RRFB (button)	39'	Standard (Raised)	21'	Good
WB	Stop	Good	Good	No	Fair	22'	Yes	RRFB (button)	39'	Standard (Raised)	21'	Good

EXTRA NOTES

IMAGES

Figure 202: High-Quality Advance Pavement Markings, with a Splitter and Clear Lines of Sight



Figure 203: Raised Crosswalk Ahead Signage, Along with Sharrows Demonstrating Bicyclist Crossings



Cape Cod Rail Trail #45 (Old Town House Road, East of Forest Road)**CRASH HISTORY SURROUNDING THE CROSSING**

Crash Date	Crash Time	Crash Severity	Non-Motorist Action (All Persons)	Light Conditions	Weather Conditions
5/21/2016	12:10 PM	Non-fatal injury	None	Daylight	Cloudy
11/12/2017	6:05 AM	Property damage only (none injured)	None	Daylight	Clear

OLD TOWN HOUSE ROAD DRIVE 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	Fair	Good	None	None	None	Poor	Yes	None	Good	None	30'	11'/1'
EB	Good	Good	None	None	None	Poor	Yes	None	Good	None	30'	11'/2'

CAPE COD 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	None	None	Poor	No	Good	8'	No	None	38'	Stamped Brick	12'	None
SB	None	None	None	No	Good	10'	No	None	38'	Stamped Brick	8'	None

EXTRA NOTES

This is a busy road crossing, with high traffic volumes

IMAGES

Figure 204: Westbound View of the Crosswalk with Median to Allow 2-Stage Crossings



Figure 205: Raised and Stamped Brick Crosswalk Improves Visibility. Bricks are Faded However.



Cape Cod Rail Trail #46 (Forest Road)**CRASH HISTORY SURROUNDING THE CROSSING**

Crash Date	Crash Time	Crash Severity	Non-Motorist Action (All Persons)	Light Conditions	Weather Conditions
7/6/2016	10:17 AM	Property damage only (none injured)	None	Daylight	Clear

FOREST 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	Poor	None	None	None	Fair	No	None	Fair	None	None	11'/1'
SB	None	Fair	None	None	None	Fair	No	None	Poor	None	None	13'/none

CAPE COD 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	None	No	Good	14'	No	Barriers for slowing down	70'	Continental	9'	None

Yarmouth – Cape Cod Rail Trail

W B	None	Poor	None	Yes	Poor	12'	No	Barriers for slowing down	70'	Continental	9'	None
--------	------	------	------	-----	------	-----	----	------------------------------------	-----	-------------	----	------

IMAGES

Figure 206: Bike Trail Crossing Sign (Northbound View)



Figure 207: Bicyclists Required to Slow Down and Maneuver Around Gates



Cape Cod Rail Trail #47 (West Yarmouth Road)**CRASH HISTORY SURROUNDING THE CROSSING**

Crash Date	Crash Time	Crash Severity	Non-Motorist Action (All Persons)	Light Conditions	Weather Conditions
3/5/2015	6:07 PM	Non-fatal injury	None	Dark - lighted roadway	Snow
11/7/2015	5:57 PM	Property damage only (none injured)	None	Dark - lighted roadway	Clear
8/25/2016	7:56 PM	Property damage only (none injured)	None	Dark - lighted roadway	Clear
11/7/2017	9:58 AM	Non-fatal injury	None	Daylight	Cloudy
1/24/2019	7:49 AM	Property damage only (none injured)	None	Daylight	Cloudy
8/6/2019	12:43 PM	Property damage only (none injured)	None	Daylight	Cloudy/Rain

WEST YARMOUTH 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	Fair	None*	None	Stop	None	Fair	No	None	Good	None	None	11'/4'
NB	Fair	None*	None	Stop	None	Fair	No	None	Fair	None	None	11'/1'

* Bike Crossing Trail Signs not appropriate because of road-facing STOP control.

CAPE COD 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	None	Yes	Good	12'	No	Barriers prevent bikes from riding across	50'	Continental	13'	None
WB	None	None	None	No	Good	12'	No	Barriers same as EB	50'	Continental	13'	None

IMAGES

Figure 208: Barriers Require Bicyclists to Slow/ Walk Across Before Crossing. Continental Crosswalk Improved Visibility.



Figure 209: Image Looking Northward; Advance Bike Trail Crossing Signage Improves Awareness of Crossing on Both Approaches



Cape Cod Rail Trail #48 (Old Town House Road, West of West Yarmouth Road)

CRASH HISTORY SURROUNDING THE CROSSING

No crash history around the crossing.

OLD TOWN HOUSE 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	None	Good*	None	None	None	Poor	No	Speed Bump	Good	None	None	10'/none
EB	None	Poor*	None	None	None	Poor	No	Speed Bump	Good	None	None	10'/none

*Green, wayfinding-oriented signs as well

CAPE COD 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	None	None	None	No	Good	17'	No	None	27'	Continental	12'	None
SB	Stop	Poor	None	No	Fair	38'	No	None	27'	Continental	12'	None

IMAGES

Figure 210: Westbound Road Approach with Speed Bumps, Faded Crosswalk, and Faded Shared Use Path Signage



Figure 211: Eastbound Road Approach with Speed Bumps, Faded Crosswalk, and High-Quality Shared Use Path Signage

