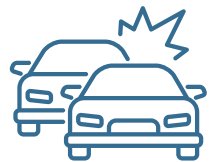


## Background Information:

- Adopted Complete Streets Policy in 2020 and Approved Complete Streets Prioritization Plan in 2022.
- Has a Town Administrator's Advisory Committee on Pedestrian Path.
- Has a Roadway Traffic Safety Committee.

## Crash Stats (2018-2023)

**3,560****total crashes**

- 24** pedestrian crashes
- 15** bicyclist crashes
- 79** motorcyclist crashes

**9****fatal crashes**

- 1** pedestrian crash
- 2** motorcyclist crashes

**76****serious injuries**

- 7** pedestrian crashes
- 3** bicyclist crashes
- 15** motorcyclist crashes

## Fatal/Serious Injuries

25% occurred during dark lighting conditions (lighted roadway/not lighted)

65% occurred under the jurisdiction of MassDOT

39% occurred along Minor Arterial Roadways and 35% occurred along Principal Arterial – Other Roadways.

52% of the crashes are single-vehicle crashes, 14% of the crashes were rear-end crashes

61% of the crashes contributing factors were either reckless/speeding/distracted/impaired

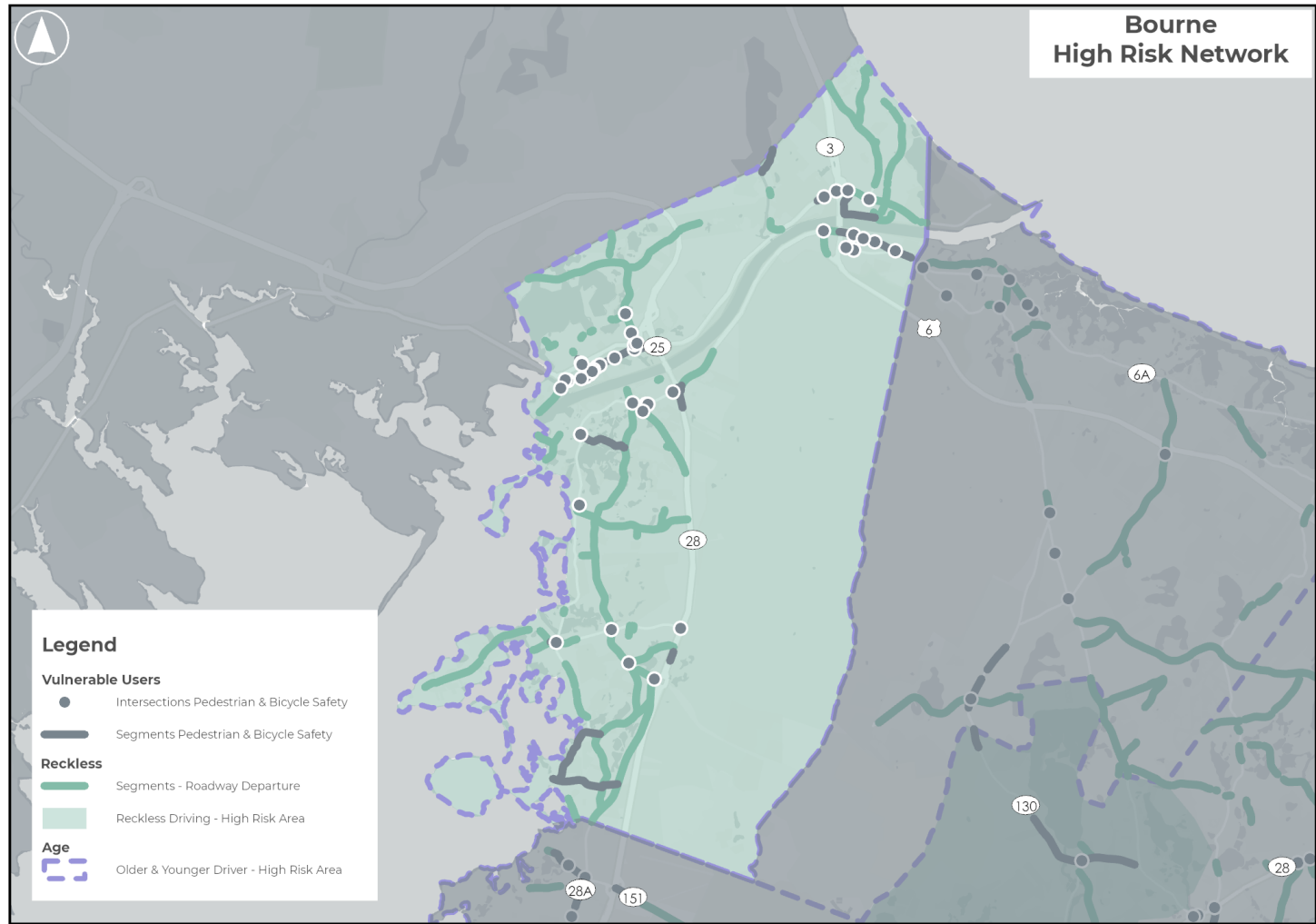
8 crashes with pedestrians, 8 crashes with collision with tree, 9 crashes with collision with utility pole/unknown fixed object

## Public Comments

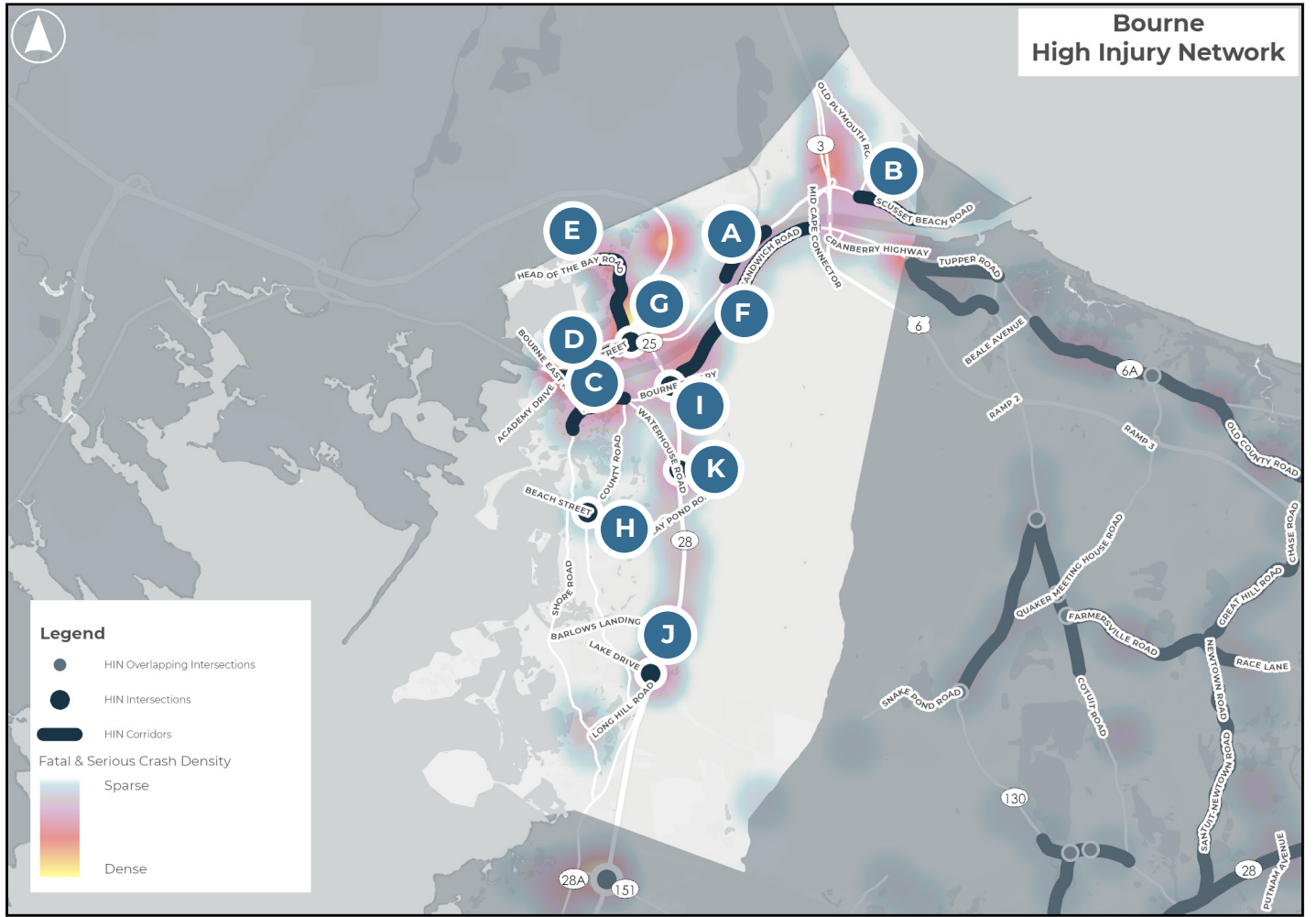
- Clarify the “Private Crossing - No Trespassing” sign at the Rail crossing at the Bourne Recreation Area, which otherwise appears to be a public pedestrian rail crossing.
- The Pocasset River Bridge on Shore Road has a dangerous steel open grate road surface, which the surface impacts bicyclists.
- Otis Rotary is an important link for pedestrians and bicyclists to visit or attend services at the Bourne National Cemetery but is extremely dangerous to cross since there are no marked crosswalks, sidewalk facilities & etc. Consideration of a shared-use path along Connery Boulevard.
- Provide multimodal accommodations for military members living on the Base to travel safely in the area.
- Lack of safe pedestrian/bicyclist access to the Plaza/Market Basket by Mid-Cape Connector and Factory Outlet Way.
- Sandwich Road has limited room for a bicyclists and vehicles hailing trailers/boats to access the canal path. Need to provide multimodal accommodations.
- Consideration of a shared use path along Squeteague Harbor Road/Red Brook Harbor Road/Shore Road to connect from Squeteague Harbor and Monument Beach.

High Risk Corridors		
Academy Drive	Head Of The Bay Road	Saint Margarets Street
Adams Street	Herring Pond Road	Sandwich Road
Barlows Landing Road	Long Hill Road	Sandwich Road Connector
Beach Street	Macarthur Boulevard	Scenic Highway
Bourne Bridge	Main Street	Scraggy Neck Road
Bourne Rotary	Meetinghouse Lane	Scusset Beach Road
Bournedale Road	North Bourne Rotary	Shore Road
Canal Street	Old Plymouth Road	Waterhouse Road
Clay Pond Road	Route 28	Williams Avenue
County Road	Route 28A	Williston Road
Cranberry Highway	Route 6	

High Risk Network



High Injury Network



<b>A</b>	Scenic Highway (Route 6) from Herring Pond Road to Edgehill Road	<b>G</b>	Bourne Rotary North at Main Street
<b>B</b>	Scusset Beach Road from Old Plymouth Road to Beach	<b>H</b>	County Road at Clay Pond Road
<b>C</b>	Shore Road from Old Dam Road to County Road	<b>I</b>	Route 28 at Sandwich Road (Bourne Rotary)
<b>D</b>	Main Street from Academy Drive to Bourne Rotary North	<b>J</b>	Route 28 at Connery Avenue (Otis Rotary)
<b>E</b>	Head of the Bay Road from Bourne Rotary North to Plymouth Lane	<b>K</b>	Route 28 at Connery Avenue (Otis Rotary)
<b>F</b>	Sandwich Road from Bourne Rotary South to Route 6 On/Off Ramp		

HIN – Corridor/ Intersection	Jurisdiction	Length (miles)	Characteristics	Contributing Factors	Studied/ Previous Planning	Potential Countermeasures
<div>A</div> <div>Scenic Highway (Route 6) from Herring Pond Road to Edgehill Road</div>	MassDOT	0.83	<ul style="list-style-type: none"><li>4-lane undivided/ divided roadway</li><li>Posted Speed Limit: 40 mph</li><li>61 crashes (1 fatal, 2 serious injuries)</li></ul>	Disregarded traffic signs, signals, road markings/ Exceeded authorized speed limit/ Operating vehicle in erratic, reckless, careless, negligent or aggressive manner/ Failed to yield right of way/ Failure to keep in proper lane or running off road/ followed too closely/ Inattention/ Made an improper turn/ Distracted.		Short-Term
						<ul style="list-style-type: none"><li>Install centerline delineators on the undivided section</li><li>Consider signal improvements to Herring Pond Signal</li></ul>
						Long-Term
<div>B</div> <div>Scusset Beach Road from Old Plymouth Road to Beach</div>	MassDOT	0.88	<ul style="list-style-type: none"><li>2-lane undivided roadway</li><li>Includes white edge lines</li><li>No sidewalk facilities and narrow shoulder</li><li>27 crashes (3 serious injuries)</li></ul>	Disregarded traffic signs, signals, road markings/ Failed to yield right of way/ Disregarded traffic signs, signals, road markings/ Exceeded authorized speed limit/ Glare/ Physical impairment/ wrong side or wrong way/ Failure to keep in proper lane or running off road	Complete Streets Project (install sidewalks, 0.2 miles)	Short-Term
						<ul style="list-style-type: none"><li>Align the STOP bar and STOP sign along Old Plymouth Road, SB approach</li><li>Identify geometric changes Scusset Beach Road at Old Plymouth Road (AWSC)</li><li>Install solar speed feedback signs</li><li>Evaluate and remove existing passing zones</li></ul>
						Long-Term
<div>C</div> <div>Shore Road from Old Dam Road to County Road</div>	Local	0.96	<ul style="list-style-type: none"><li>2-lane undivided</li><li>Posted Speed Limit: 30/35 mph</li><li>Includes white edge lines</li><li>Limited sidewalk facilities</li><li>22 crashes (5 serious injuries)</li></ul>	Driving too fast for conditions/ Distracted/ Failed to yield right of way/ Fatigued/ Inattention/ Failure to keep in proper lane or running off road/ followed too closely/ Operating vehicle in erratic, reckless, careless, negligent or aggressive manner/ Over-correcting/ over-steering	Main Street at Academy Drive (signalized) – recently upgraded	Short-Term
						<ul style="list-style-type: none"><li>Rail Trail Construction (Phase 1) from Monument Neck Road at John Stackpole Memorial Park from the South to the existing Cape Cod Canal Bike Path to the north. TIP 609262 FY 2025</li><li>Install an Advance Pedestrian Crossing (W11-2) sign near Gray Gables Market midblock crosswalk and relocate the existing midblock at Gray Gables Market and include RRFBs to enhance crossing</li><li>Install solar speed feedback signs.</li><li>Install Oncoming Traffic Does Not Stop (plaque) (W4-4bP) Shore Road EB approach and Traffic From Left (Right) Does Not Stop (plaque) (W4-4aP) County Road/Sandwich Road</li></ul>
						Long-Term
<div>D</div> <div>Main Street from Academy Drive to Bourne Rotary North</div>	Local / MassDOT (Bourne Rotary North)	0.99	<ul style="list-style-type: none"><li>2-lane undivided roadway</li><li>On-street parking/sidewalk facilities on both sides</li><li>93 crashes (1 fatal, 3 serious injuries, 2 bicyclists, 4 pedestrians)</li></ul>	Disregarded traffic signs, signals, road markings/ Distracted/ No Exceeded authorized speed limit/ Failed to yield right of way/ Glare/ Inattention/ Failure to keep in proper lane or running off road/ Followed too closely/ Made an improper driving/ Inattention/ Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	Main Street at Academy Drive (signalized) – recently upgraded	Short-Term
						<ul style="list-style-type: none"><li>Install RRFBs at key existing midblock crosswalks.</li><li>Consideration for a decorative intersection such as Main Street at Perry Avenue, Dunkin/The Blended Berry</li><li>Install solar speed feedback signs</li><li>Conduct an RSA</li></ul>
						Long-Term
<div>E</div> <div>Head of the Bay Road from Bourne Rotary North to Plymouth Lane</div>	Local / MassDOT (Bourne Rotary North)	1.38	<ul style="list-style-type: none"><li>2-lane undivided roadway</li><li>Posted Speed Limit: 35 mph</li><li>Limited sidewalk facilities</li><li>66 crashes (5 serious injuries, 1 bicyclist)</li></ul>	Disregarded traffic signs, signals, road markings/ Failed to yield right of way/ Driving too fast for conditions/ Failure to keep in proper lane or running off road/ followed too closely/ Exceeded authorized speed limit/ Inattention/ Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	Complete Streets Project (install sidewalks from Belmont Circle to Townline, 2.7 miles)	Short-Term
						<ul style="list-style-type: none"><li>Install solar speed feedback signs</li><li>Evaluate if there are sight distance issues at Puritan Road and Plymouth Lane</li></ul>
						Long-Term
<div>F</div> <div>Sandwich Road from Bourne Rotary South to Route 6 On/Off Ramp</div>	MassDOT	2.82	<ul style="list-style-type: none"><li>2-lane undivided roadway</li><li>Posted Speed Limit: 45 mph</li><li>Includes white edge lines</li><li>158 crashes (2 fatal, 4 serious injuries, 1 bicyclist)</li></ul>	Disregarded traffic signs, signals, road markings/ Driving too fast for conditions/ Operating vehicle in erratic, reckless, careless, negligent or aggressive manner/ Failed to yield right of way/ Failure to keep in proper lane or running off road/ Followed too closely	Complete Streets Project (install shared-use path). HSIP Cluster (Sandwich Road at Sandwich Road Connector)	Short-Term
						<ul style="list-style-type: none"><li>Incorporate potential safety enhancements from the Road Safety Audit of Sandwich Road, between East of Bourne Rotary and West of Midway Recreation Area</li><li>Install solar speed feedback signs</li><li>Install centerline rumble strip</li></ul>
						Long-Term
						<ul style="list-style-type: none"><li>Install a shared use path from Adams Street to the Bourne Cape Flyer stop off of Sandwich Road under the Bourne Bridge. (Complete Streets Project)</li><li>Convert Sandwich Road at Upper Cape Tech Way to a roundabout (Cape Cod Canal Bridges Program)</li><li>Install a shared use path on the south side of Sandwich Road (Cape Cod Canal Bridges Program)</li></ul>

HIN – Corridor/ Intersection	Jurisdiction	Length (miles)	Characteristics	Contributing Factors	Studied/ Previous Planning	Potential Countermeasures
<div>G</div> <div>Bourne Rotary North at Main Street</div>	MassDOT		<ul style="list-style-type: none"><li>Multilane Rotary</li><li>145 crashes (1 serious injury, 1 pedestrian)</li></ul>	Disregarded traffic signs, signals, road markings/ Followed too closely/ Driving too fast for conditions/ Exceeded authorized speed limit/ Failed to yield right of way/ Failure to keep in proper lane or running off road/ Glare/ Inattention/ Made an improper turn/ Operating vehicle in erratic, reckless, careless, negligent or aggressive manner		
						<div>Short-Term</div> <ul style="list-style-type: none"><li>Conduct an RSA</li></ul>
<div>H</div> <div>County Road at Clay Pond Road</div>	Local		<ul style="list-style-type: none"><li>Clay Pond Road STOP controlled and County Road free flow conditions</li><li>Need drainage upgrade and visibility of STOP signs</li><li>22 crashes (1 serious injury, 1 bicyclist)</li></ul>	Disregarded traffic signs, signals, road markings/ Failed to yield right of way	HSIP Cluster	
						<div>Short-Term</div> <ul style="list-style-type: none"><li>MassDOT is reviewing this for consideration of an AWSC. If an AWSC is not preferred, install overhead flashing beacons</li><li>Tighten up the intersection for less pavement</li></ul>
<div>I</div> <div>Route 28 at Sandwich Road (Bourne Rotary)</div>	MassDOT		<ul style="list-style-type: none"><li>Multilane Rotary</li><li>620 crashes (2 serious injuries)</li></ul>	Disregarded traffic signs, signals, road markings/ Failure to keep in proper lane or running off road/ Distracted/ Driving too fast for conditions/ Failed to yield right of way/ Exceeded authorized speed limit/ Followed too closely/ Made an improper turn		
						<div>Long-Term</div> <ul style="list-style-type: none"><li>Intersection to be converted a diamond interchange (Cape Cod Canal Bridges Program)</li></ul>
<div>J</div> <div>Route 28 at Connery Avenue (Otis Rotary)</div>	MassDOT		<ul style="list-style-type: none"><li>165 crashes (3 serious injuries)</li></ul>	Disregarded traffic signs, signals, road markings/ Driving too fast for conditions/ Exceeded authorized speed limit/ Failed to yield right of way/ / Failure to keep in proper lane or running off road/ Followed too closely/ Made an improper turn/ Inattention/ Operating vehicle in erratic, reckless, careless, negligent or aggressive manner		
						<div>Short-Term</div> <ul style="list-style-type: none"><li>Consider Intersection Control Evaluation (ICE)</li><li>Conduct an RSA</li></ul> <div>Long-Term</div> <ul style="list-style-type: none"><li>Incorporate elements from the Road Safety Audit of Route 28A from Lake Drive to Palmer Avenue to improve roadway design and geometry</li></ul>
<div>K</div> <div>General MacArthur Boulevard (Route 28) at Water House Road</div>	MassDOT		<ul style="list-style-type: none"><li>Route 28 4 lane divided roadway</li><li>NBU/NBL movement</li><li>Waterhouse Road yield controlled to Route 28</li><li>43 total crashes (2 serious injuries)</li></ul>	Disregarded traffic signs, signals, road markings/ Failed to yield right of way/ Followed too closely/ Inattention/ Failure to keep in proper lane or running off road		
						<div>Short-Term</div> <ul style="list-style-type: none"><li>Consider Intersection Control Evaluation (ICE)</li><li>Conduct an RSA</li></ul>