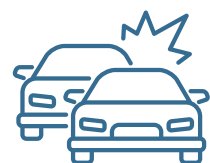


Background Information:

- ➡ Complete Streets Policy approved locally in 2020. Registered on MassDOT complete streets portal.
- ➡ Has a Bikeways Committee.
- ➡ Has a crosswalk policy and speed hump policy.
- ➡ Has a Traffic Safety Committee.

Crash Stats (2018-2023)



1,311

total crashes

16

pedestrian crashes

30

bicyclist crashes

22

motorcyclist crashes



9

fatal crashes

2

motorcyclist crashes



29

serious injuries

4

pedestrian crashes

5

motorcyclist crashes

Fatal/Serious Injuries

40% occurred during dark lighting conditions (lighted roadway/not lighted)

13% occurred under the jurisdiction of MassDOT

42% occurred along Urban minor arterial or rural major collector and 24% occurred along Rural minor arterial or urban principal arterial

53% of the crashes are single-vehicle crashes, 39% of the crashes were angle, and 8% of the crashes were sideswipe, opposite direction

66% of the crashes contributing factors were either reckless/speeding/distracted/impaired

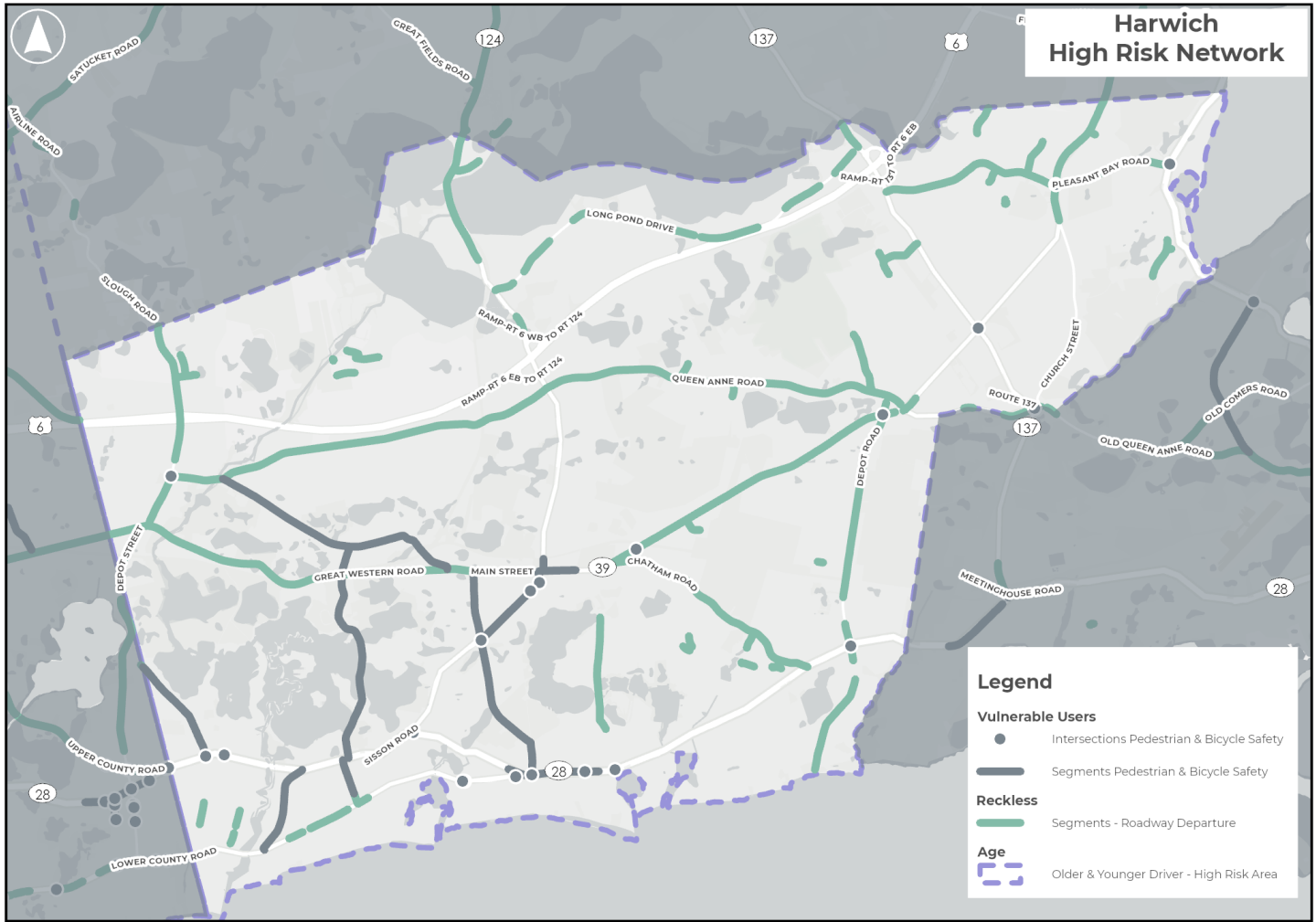
10 crashes were collision with tree, 5 crashes with utility pole

Public Comments

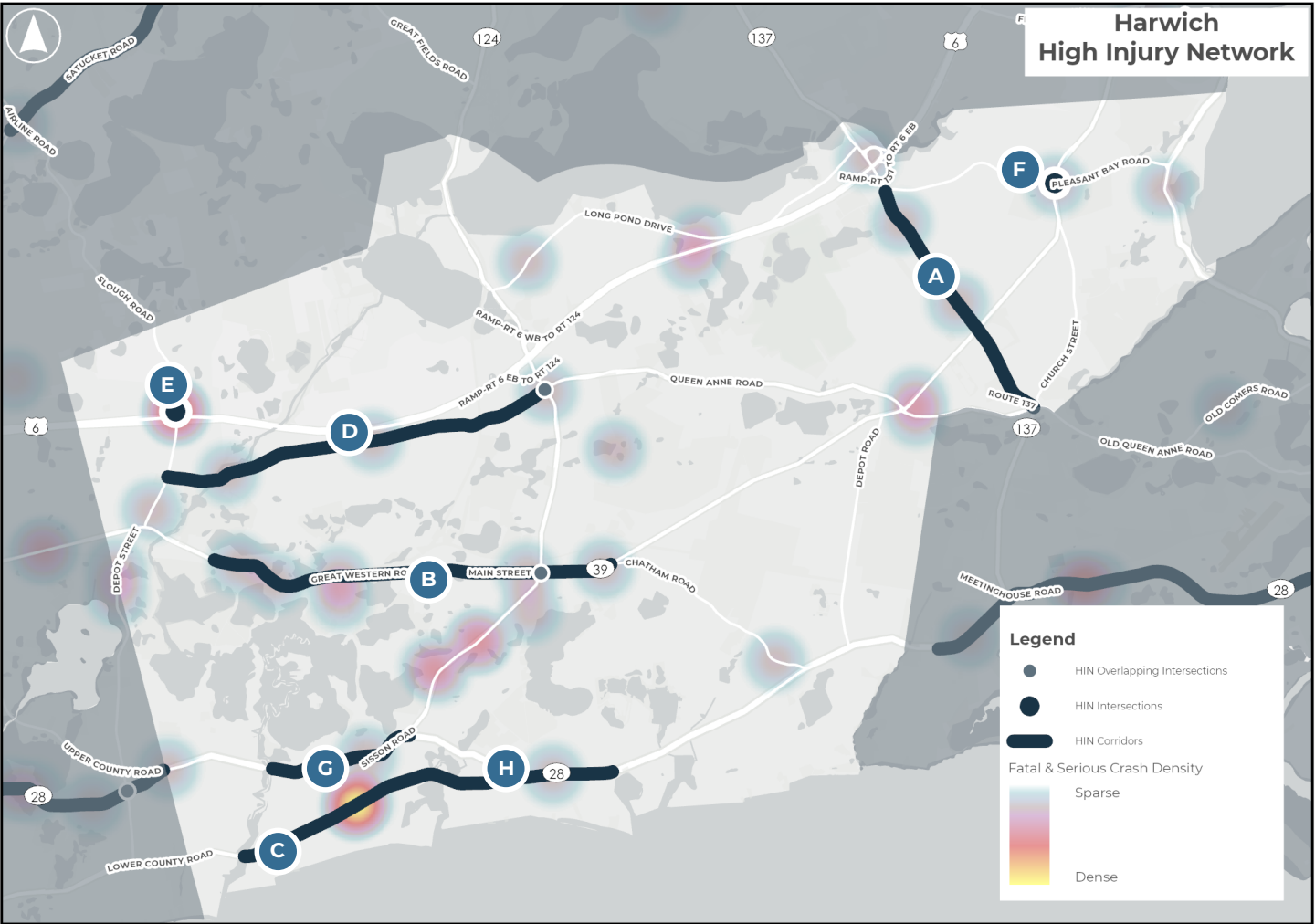
- ➡ Dangerous intersections, Route 39/Sisson Road at South Street (TWSC), Route 28 (Main Street) at Depot Road/Uncle Venies Road, Lower County Road at Wyndymere Road (OWSC), Main Street at Queen Anne Road (OWSC), Great Western Road at Depot Street, Orleans Road at Pleasant Bay Road (TWSC), Willow Street at Belmont Road (TWSC).
- ➡ Difficulty to exit Pleasant Lake Avenue at Main Street (TWSC) and north of intersection, Old Colony Rail Trail.
- ➡ Need sidewalk facilities along Route 124 (Pleasant Lake Avenue), 2-lane undivided roadway.
- ➡ Route 6 is extremely dangerous, biggest issues include entering Route 6, poor sightline due to design and vegetation. Consideration of installing a median along Route 6 and breakdown lane/shoulder.
- ➡ Need to improve crossing along Lothrop Avenue for the Cape Cod Rail Trail.
- ➡ Bay Road near Bay Breeze Lane, dangerous, narrow road with no shoulders and no sidewalk facilities.
- ➡ Route 28 near Bay Road, enforce no parking, especially in the summer.

High Risk Corridors	
Bank Street	Main Street
Chase Street	Old Queen Anne Road
Chatham Road	Orleans Road
Depot Road	Pleasant Bay Road
Depot Street	Pleasant Lake Avenue
Earle Road	Queen Anne Road
Freeman Street	Route 137
Great Western Road	Route 28
Long Pond Drive	Sisson Road
Lothrop Avenue	South Street
Lower County Road	Uncle Venies Road

High Risk Network



High Injury Network



A	Route 137 from Chatham Townline to Pleasant Bay Road	E	Depot Street at Old Chatham Road/ Factory Road
B	Great Western Road/Main Street from Bells Neck Road to Chatham Road	F	Orleans Harwich (Route 39) at Pleasant Bay Road
C	Lower County Road from Dennis Townline to Main Street	G	Main Street (Route 28) from Herring River Bridge to Sisson Road (Route 39)
D	Queen Anne Road from Depot Street to Pleasant Lake Avenue	H	Main Street (Route 28) from Lower County Road to Freeman Street

HIN – Corridor/ Intersection	Jurisdiction	Length (miles)	Characteristics	Contributing Factors	Studied/ Previous Planning	Potential Countermeasures
<div>A</div> <div>Route 137 from Chatham Townline to Pleasant Bay Road</div>	Local	1.67	<ul style="list-style-type: none">2-lane undivided roadwayShoulders and sidewalk facilities on south sideIncludes signage “motorists give 4 feet to pass”97 crashes (1 fatal, 1 serious injury, 5 bicyclists, 1 pedestrian)	Disregarded traffic signs, signals, road markings/ Distracted/ Driving too fast for conditions/ Failed to yield right-of-way/ Failure to keep in proper lane or running off road/ Followed too closely/ Inattention/ Made an improper turn/ Operating vehicle in erratic, reckless, careless, negligent or aggressive manner/ Visibility obstructed	HSIP Cluster – Route 137 at Route 39	Short-Term
						<ul style="list-style-type: none">Identify areas to install midblock crosswalks along Route 137, such as by the Charter schoolConsider installing a RRFB at the existing midblock crosswalk near CVS Pharmacy, near Route 39Conduct an RSA Route 137 at Route 39 (HSIP Cluster), all protected red phase except SBEnsure pedestrian time is sufficient for all users and improve operationsSignal safety improvements for Route 137 at Route 39, such as retroreflective backplates, flashing yellow arrow signal heads, and updated pedestrian heads.Identify areas for solar speed feedback signs
						Long-Term
<div>B</div> <div>Great Western Road/ Main Street from Bells Neck Road to Chatham Road</div>	Local	2.56	<ul style="list-style-type: none">2-lane undivided roadwayPosted Speed Limit: 25 mph/40 mphSections include on-street parking/sidewalk facilitiesSections include white edge line128 crashes (1 fatal, 5 serious injury, 1 bicyclists, 1 pedestrian)	Disregarded traffic signs, signals, road markings/ Distracted/ Exceeded authorized speed limit/ Driving too fast for conditions/ Failed to yield right-of-way/ Failure to keep in proper lane or running off road/ Followed too closely/ Disregarded traffic signs, signals, road markings/ Inattention/ Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	Main Street at Chatham Road (oneway STOP controlled) is currently being redesigned. Main Street at Chatham Road (oneway STOP controlled) is currently being redesigned. SRTS project to implement/improve sidewalks along South Street, Main Street, and Sisson Road Sidewalk improvements along Bank Street	Short-Term
						<ul style="list-style-type: none">Improve Cape Cod Rail Trail crossing at Lothrop Avenue and install RRFBConsider installing perpendicular pavement marking lines near the Cape Cod Rail Trail crossings along Great Western Road.Consider installing delinators/bollards or permanent curbs for the red painted curb extensions to further emphasizeIdentify areas for solar speed feedback signsRoadway modernization by Harwich Elementary School to implement sidewalk infrastructure improvements/upgrades TIP 610670 FY 2025Consider segment signage recommendations for curve warnings and intersections ahead
						Long-Term
<div>C</div> <div>Lower County Road from Dennis Townline to Main Street</div>	Local	1.86	<ul style="list-style-type: none">2-lane undivided roadwayPosted Speed Limit: 35 mphSidewalk facilities on north sideIncludes signage “motorists give 4 feet to pass”Includes white edge line34 crashes (1 fatal, 3 serious injuries, 1 bicyclists)	Disregarded traffic signs, signals, road markings/ Failed to yield right-of-way/ Exceeded authorized speed limit/ Driving too fast for conditions/ Inattention/ Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	HSIP Cluster – Lower County Road at Earle Road	Short-Term
						<ul style="list-style-type: none">Identify geometric changes Lower County Road at Chase StreetIdentify locations where the “State Law Yield to Pedestrians in Crosswalk“ sign needs to be updated to be more visibleConduct an intersection sight distance analysis Lower County Road at Main StreetConsider crosswalk evaluations and upgrades along the corridor to make ADA compliant
						Long-Term
<div>D</div> <div>Queen Anne Road from Depot Street to Pleasant Lake Avenue</div>	Local	2.48	<ul style="list-style-type: none">2-lane undivided roadwayPosted Speed Limit: 30 mphIncludes signage “motorists give 4 feet to pass”Includes white edge line64 crashes (2 serious injury, 3 bicyclists, 2 pedestrians)	Disregarded traffic signs, signals, road markings/ Failed to yield right-of-way/ Failure to keep in proper lane or running off road/ Inattention/ Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	HSIP Cluster – Queen Anne Road at Pleasant Lake Avenue	Short-Term
						<ul style="list-style-type: none">Include Warning Signs for Trail Crossing (W11-15) near the Cape Road Rail Trail crossingsConduct an RSA Queen Anne Road at Pleasant Lake Avenue (HSIP Cluster)Improve Queen Anne Road at Main Street intersectionEnsure posted signage is at the correct height Main Street at Depot Street (7 feet in urban areas and 5 feet in rural areas)
						Long-Term
						<ul style="list-style-type: none">Include a designated space for pedestrians and bicyclists (shared use path/wider sidewalk/ advisory shoulder)

Town Profile

HARWICH – LOWER CAPE

HIN – Corridor/ Intersection	Jurisdiction	Length (miles)	Characteristics	Contributing Factors	Studied/ Previous Planning	Potential Countermeasures
<div>E</div> <div>Depot Street at Old Chatham Road/ Factory Road</div>	Local		<ul style="list-style-type: none">Depot Street free flow conditions, Chatham Road/Factory Road STOP controlled14 crashes (2 fatal crash, 1 serious injury)	Disregarded traffic signs, signals, road markings/ Failed to yield right-of-way/ Inattention		Short-Term
						<ul style="list-style-type: none">Ensure posted signage is at the minimum height (7 feet in urban areas and 5 feet in rural areas)Tightening of curb radii to slow down trafficConduct TMCs and consideration for AWSC.Restripe STOP bars pavement markings with the word STOPInstall flashing LED STOP signsInstall perpendicular transverse rumble strips approaching intersectionConduct an RSA
						Long-Term
<div>F</div> <div>Orleans Harwich (Route 39) at Pleasant Bay Road</div>	Local		<ul style="list-style-type: none">Route 39 free flow conditions and Pleasant Bay Road STOP controlled42 crashes (1 serious injury, 1 bicyclist)	Disregarded traffic signs, signals, road markings/ Failed to yield right-of-way/ Followed too closely/ Inattention/ Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	Complete Streets Project (Sidewalk installation)	Short-Term
						<ul style="list-style-type: none">Restripe STOP pavement markings along Pleasant Bay RoadPotential tightening of curb radii to slow down trafficInstall delineators in the yellow hatched pavement markings along Route 39Install Intersection Warning W2 signage along Route 39Conduct an RSA (HSIP Cluster)
<div>G</div> <div>Main Street (Route 28) from Herring River Bridge to Sisson Road (Route 39)</div>	MassDOT	0.92	<ul style="list-style-type: none">2-lane undivided roadwayIncludes white edge lineLimited sidewalk facilities67 crashes (1 serious injury, 3 bicyclists, 1 pedestrian)	Exceeded authorized speed limit/ Driving too fast for conditions/ Failed to yield right-of-way/ Failure to keep in proper lane or running off road/ Inattention/ Followed too closely	Complete Streets Project (Construct a new SUP) HSIP Clusters – West Main Street at Lincoln Road Main Street at Pine Street (convert to a traffic signal)	Short-Term
						<ul style="list-style-type: none">Install warning sign chevron alignment (W1-8), by curvature, west of Sisson RoadIdentify areas for solar speed feedback signsIdentify installation of RRFBs at existing crosswalk markingsReconstruction and related work along Route 28 (rehab, widening, accommodations for bike/peds) TIP 608742 FY 2025Incorporate recommendations from the Harwich Port Main Street (Route 28) Corridor Study
						Long-Term
<div>H</div> <div>Main Street (Route 28) from Lower County Road to Freeman Street</div>	MassDOT	0.58	<ul style="list-style-type: none">2-lane undivided roadwayPosted speed limit: 25 mphIncludes white edge lineSidewalk facilities82 crashes (1 serious injury, 1 bicyclist, 6 pedestrian)	Failed to yield right-of-way/ Inattention/ Distracted/ Disregarded traffic signs, signals, road markings	Visibility obstructed/ Operating vehicle in erratic, reckless, careless, negligent or aggressive manner/ Inattention/ Failed to yield right of way/ Followed too closely/ Failure to keep in proper lane or running off road/ Disregarded traffic signs, signals, road markings/ Driving too fast for conditions	Short-Term
						<ul style="list-style-type: none">Sidewalk installation on Route 28 from Bank Street to Saquatucket Harbor TIP 611985 (currently under construction)Include warning sign upcoming pedestrian crossing (W11-2) at key locationsIncorporate recommendations from the Harwich Port Main Street (Route 28) Corridor StudyIntersection improvement Main Street (Route 28) at Lower County Road such as tightening up curb radius
						Long-Term
						<ul style="list-style-type: none">Ensure sidewalk facilities width and conditions are to standardsResurfacing and related work along Route 28 TIP 612112/612052 FY 2029Incorporate recommendations from the Harwich Port Main Street (Route 28) Corridor Study