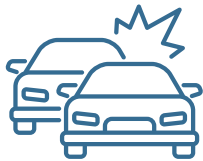


Background Information:

- Adopted Complete Streets Policy in 2017 and Approved Complete Streets Prioritization Plan in 2017.
- 2012 - 4+ miles of sidewalk constructed along Quaker Meetinghouse Road between Route 6A and Route 130.
- 2018 - Town of Sandwich \$200,000 grant: construction of a sidewalk on Sandy Neck Road.
- 2022 - Town of Sandwich \$400,000 grant: intersection improvements at Route 130 and Quaker Meetinghouse Road to add sidewalks, crosswalk signals and bicycle lanes.
- 4+ miles of Shared Use Path currently under construction along Service Road between Route 130 and Chase Road.
- Shared Use Path in design to link Service Road with Cape Cod Canal.
- 2018 Bikeways and Pedestrian Master Plan includes a list of infrastructure recommendations:
 - Shared use path on Route 6A with crossing at Dewey.
 - Shared use path on Tupper Road connecting into town center.
 - Coast Guard Road: enhance road infrastructure for shared use with traffic calming measures.
- Has a Bikeway and Pedestrian Committee.

Crash Stats (2018-2023)



1,629

total crashes

16 pedestrian crashes

18 bicyclist crashes

36 motorcyclist crashes



5

fatal crashes



42

serious injuries

1 pedestrian crash

1 bicyclist crash

8 motorcyclist crashes

Fatal/Serious Injuries

- 28% of the fatal/serious injuries occurred during dark conditions (lighted roadway/not lighted)
- 32% of the fatal/serious injuries occurred under the jurisdiction of MassDOT
- 62% occurred along Minor Arterial Roadways and 11% occurred along Principal Arterial – Other Roadways
- 53% of the crashes are single-vehicle crashes
- 49% of the crashes contributing factors were either reckless/speeding/distracted/impaired
- 3 crashes were collision with utility pole, 7 crashes were collision with tree, 1 crash was collision with guardrail

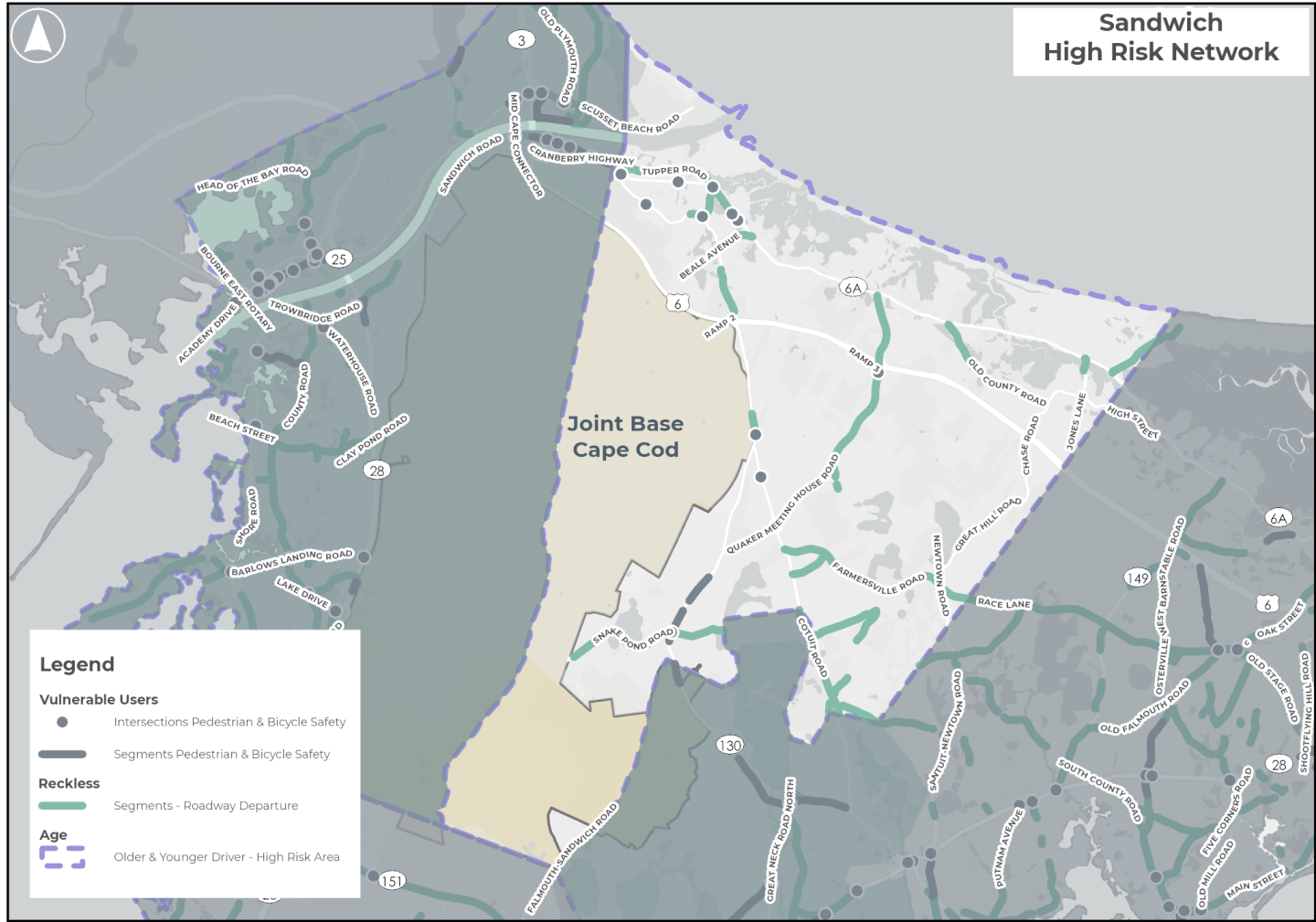
Public Comments

- Feels very unsafe for bikers and pedestrians: missing sidewalks and bike lanes.
 - Speeds too fast.
 - Multi-use paths and multi-modal accommodations are wanted, side paths connecting neighborhoods allowing bike/ped to stay off busy main roads.
 - Need for bus
- stop infrastructure.

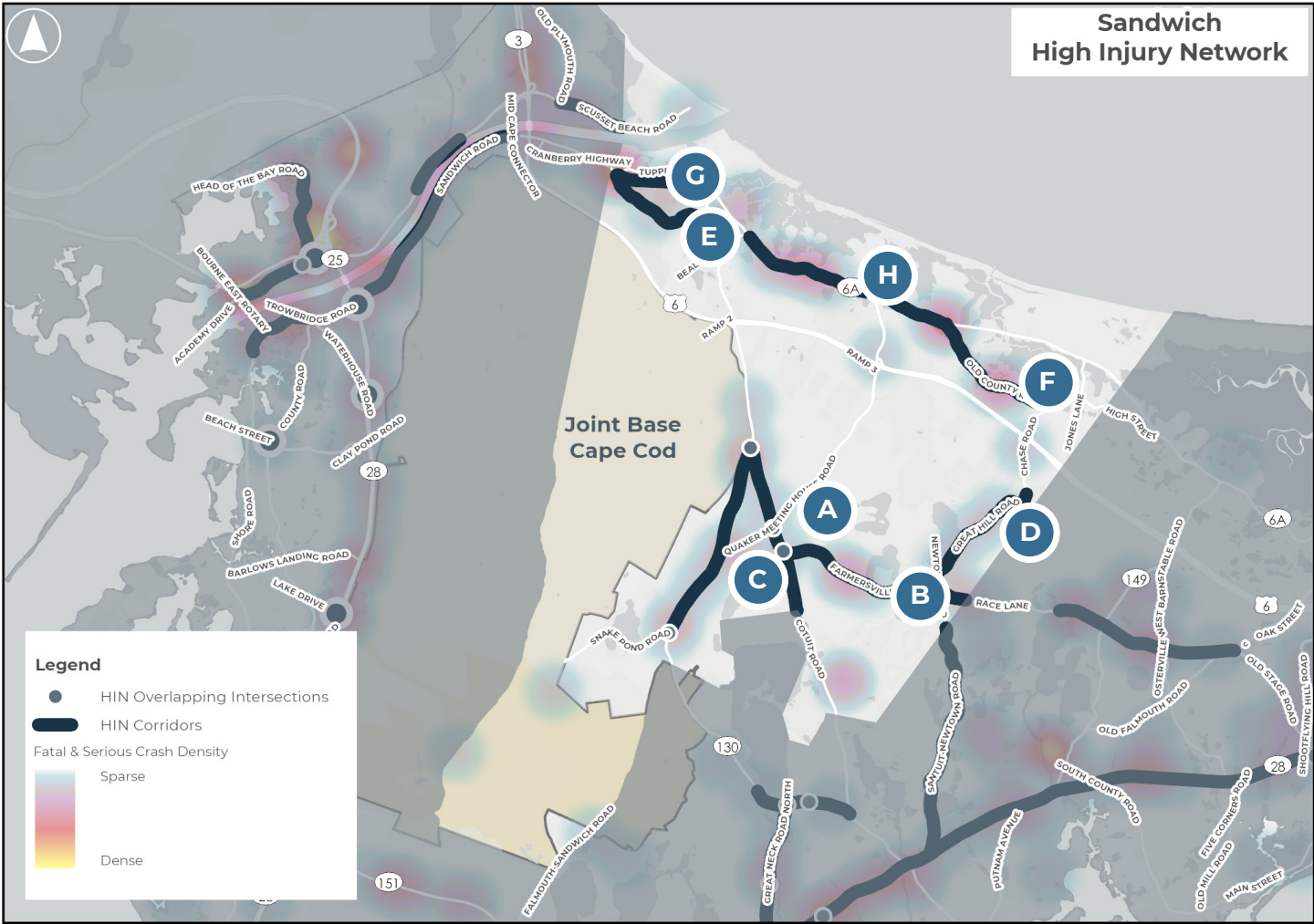
 - Missing crosswalks at sidewalks was top concern.
 - Sidewalk and separated bike lane on Route 130.
 - Crossings at Merchants Square is difficult.
 - Lack of safe crossing from Canterbury Estates to Shopping Plazas or QMH Road.

High Risk Corridors
Cotuit Road
Harlow Road
Sandy Neck Road
Tupper Road
Turpentine Road (Joint Base Cape Cod)

High Risk Network



High Injury Network



A	Cotuit Road from Mashpee Townline to Forestdale Rd Route 130	E	Main Street from Old King's Highway (Route 6A) to Water Street
B	Farmersville Road from Cotuit Rd to Barnstable Townline	F	Old County Road from Old King's Highway Route 6A to Chase Road
C	Forestdale Road Route 130 from Snake Pond Rd to Cotuit Road	G	Old King's Highway (Route 6A) from Main Street to Tupper Road
D	Great Hill Road from Farmersville Road to Chase Road	H	Old King's Highway (Route 6A) from Main Street to Old County Road

Town Profile

SANDWICH – UPPER CAPE

HIN – Corridor/ Intersection	Jurisdiction	Length (miles)	Characteristics	Contributing Factors	Studied/ Previous Planning	Potential Countermeasures
<div><div>A</div><div>Cotuit Road from Mashpee Townline to Forestdale Rd Route 130</div></div>	Local	2.19	<ul style="list-style-type: none">2-lanes undivided roadway includes white edge lines and a double yellow center line. Sidewalk on west side of Cotuit Road to the north of Quaker Meetinghouse Road.Posted Speed limit: 30 mph200 crashes (1 fatal, 1 serious injury, 3 bicycle crashes)	<ul style="list-style-type: none">Inattention; Followed too closely; Operating vehicle in erratic, reckless, careless, negligent or aggressive manner; Distracted; Other improper action; Failed to yield right of way; Swerving or avoiding due to wind, slippery surface, vehicle, object, vulnerable user in roadway; Operating defective equipment; Made an improper turn; Driving too fast for conditions; Visibility obstructed; Physical impairment; Illness; History heart/epilepsy/fainting; Failure to keep in proper lane or running off road; Disregarded traffic signs, signals, road markings; Emotional; Exceeded authorized speed limit	Complete Streets Project (improve pedestrian facilities and traffic signal)	
						Short-Term
						<ul style="list-style-type: none">Provide crosswalks at select locationsAdd curb bump outs at crosswalks
						Long-Term
<ul style="list-style-type: none">Install shared use path (Extend from Quaker Meeting House Road to Mashpee Townline) along Cotuit RoadInstall Roundabout (or simple T-intersection) at Cotuit Road / Farmersville Road						
<div><div>B</div><div>Farmersville Road from Cotuit Rd to Barnstable Townline</div></div>	Local	2.69	<ul style="list-style-type: none">2-lanes undivided roadway includes white edge lines and a double yellow center linePosted Speed limit: 30 mph76 crashes (1 fatal, 3 serious injuries, 1 bicycle crash)	<ul style="list-style-type: none">No improper driving; Over-correcting/over-steering; Failed to yield right of way; Inattention; Exceeded authorized speed limit; Operating vehicle in erratic, reckless, careless, negligent, or aggressive manner; Distracted; Followed too closely; Failure to keep in proper lane or running off road; Other improper action; Illness; Fatigued/asleep; Physical impairment; Driving too fast for conditions	Complete Streets Project (improve pedestrian facilities and improve pull out areas)	
						Short-Term
						<ul style="list-style-type: none">Improve geometry of Farmersville Road and Newtown Road
						Long-Term
<ul style="list-style-type: none">Install shared use path (from Cotuit Road)						
<div><div>C</div><div>Forestdale Road Route 130 from Snake Pond Rd to Cotuit Road</div></div>	Local	2.66	<ul style="list-style-type: none">2-lanes undivided roadway includes white edge lines and a double yellow center line. Sidewalks are present on both sides of the road.Posted Speed limit: 45 mph171 crashes (2 fatal, 4 serious injuries, 2 bicycle crashes, 2 pedestrian crashes)	<ul style="list-style-type: none">No improper driving; Inattention; Failure to yield; Driving too fast for conditions; Operating defective equipment; Swerving or avoiding obstacles; Following too closely; Failure to keep in proper lane; Distracted driving; Improper turn; Reckless or aggressive driving; Over-steering; Ignoring traffic signals or road markings; Fatigue or falling asleep; Other improper actions; Medical condition or impairment	Complete Street Project includes (CS Funded - Town of Sandwich \$400,000 grant) intersection improvements at Forestdale Road and Meetinghouse Road to add sidewalks, crosswalk signals and bicycle lanes, and incorporate pedestrian phase into existing traffic signal at Route 130 & Quaker Meetinghouse Road.	
						Short-Term
						<ul style="list-style-type: none">Provide crosswalks at select locationsAdd curb bump outs at crosswalks
						Long-Term
<ul style="list-style-type: none">Install shared use path and extend to Cotuit RoadImprove critical intersections not covered by the complete streets projectConsider signalized intersection improvements for Route 130 at Snake Pond Road/Pimlico Pond Road						
<div><div>D</div><div>Great Hill Road from Farmersville Road to Chase Road</div></div>	Local	1.75	<ul style="list-style-type: none">2-lanes undivided roadway includes white edge lines and a double yellow center linePosted Speed limit: 30 mph31 crashes (3 serious injuries)	<ul style="list-style-type: none">Over-correcting or over-steering; Failure to keep in proper lane; Reckless or aggressive driving; Driving too fast for conditions; Physical impairment; Other improper actions; Failed to yield right of way; Inattention; Ignoring traffic signals or road markings; Exceeding speed limit; Illness		
						Short-Term
						<ul style="list-style-type: none">Improve signage and guardrails at sharp curves of the road. Use wooden guard rails at select locationsImprove geometry of Great Hill Road at Chase RoadInstall Speed Feedback signs at critical locations including:<ul style="list-style-type: none">Near Highfield DriveNear Raven’s Nest RoadNear Maxwell Lane
<div><div>E</div><div>Main Street from Old King’s Highway (Route 6A) to Water Street</div></div>	MassDOT	1.49	<ul style="list-style-type: none">2-lanes undivided roadway includes a double yellow center lineSpeed limit varies throughout corridor44 crashes (1 serious injury, 1 bicycle crash)	<ul style="list-style-type: none">Illness; Inattention; No improper driving; Followed too closely; Failure to keep in proper lane or running off road; Reckless or aggressive driving; Exceeded authorized speed limit; Failed to yield right of way; Ignored traffic signs, signals, or road markings; Made an improper turn; Distracted driving; Other improper actions	Complete Streets Project (sidewalk improvements)	
						Short-Term
						<ul style="list-style-type: none">Install stop ahead signs and advance T-intersection signs at Main Street and Pine Street
						Long-Term
<ul style="list-style-type: none">Improve the following intersections by adding Edge Lines, installing shared-use path, installing Roundabout/making Geometric improvements:<ul style="list-style-type: none">Main Street at Tupper RoadMain Street at Lentell Street						
<div><div>F</div><div>Old County Road from Old King’s Highway Route 6A to Chase Road</div></div>	Local	1.78	<ul style="list-style-type: none">2-lanes undivided roadway includes a double yellow center lineNo posted speed limit16 crashes (3 serious injuries)	<ul style="list-style-type: none">Inattention; Failure to keep in proper lane or running off road; Reckless or aggressive drivingFollowed too closely; Fatigued or asleep; No improper driving; Exceeded authorized speed limit; Distracted driving; Other improper actions		
						Short-Term
						<ul style="list-style-type: none">Add edge lines and install Advance T intersection sign at Village Road and Old County RoadInstall speed feedback sign at/near Armstrong Farm Road
						Long-Term
<ul style="list-style-type: none">Redesign Old County Road and Old King's Highway intersectionFlatten slopes, install wooden guardrails and widen shoulders at Old County Road and Chase Road Intersection.						

HIN – Corridor/ Intersection	Jurisdiction	Length (miles)	Characteristics	Contributing Factors	Studied/ Previous Planning	Potential Countermeasures
<div>G</div> <div>Old King's Highway (Route 6A) from Main Street to Tupper Road</div>	MassDOT	1.20	<ul style="list-style-type: none">2-lanes undivided roadway includes white edge lines and a double yellow center linePosted Speed limit: 40 mph93 crashes (1 serious injury, 1 bicycle crash, 4 pedestrian crashes)	Followed too closely; Failed to yield right of way; Inattention; Distracted; Other improper action; Followed too closely; Failure to keep in proper lane or running off road; Physical impairment; Operating vehicle in erratic, reckless, careless, negligent or aggressive manner; Made an improper turn; Swerving or avoiding due to wind, slippery surface, vehicle, object, vulnerable user in roadway; Disregarded traffic signs, signals, road markings; Operating vehicle in erratic, reckless, careless, negligent or aggressive manner; Over-correcting/over-steering		
						Short-Term
						<ul style="list-style-type: none">Conduct an RSA of Old King's Highway (including both ends of Tupper Road)
<div>H</div> <div>Old King's Highway (Route 6A) from Main Street to Old County Road</div>	MassDOT	2.85	<ul style="list-style-type: none">2-lanes undivided roadway includes white edge lines and a double yellow center linePosted Speed limit: 40 mph159 crashes (1 fatal, 6 serious injuries, 1 bicycle crash, 1 pedestrian crash)	Inattention; Failed to yield right of way; Failure to keep in proper lane or running off road; Fatigued / asleep; Driving too fast for conditions; Distracted; Operating vehicle in erratic, reckless, careless, negligent or aggressive manner; Followed too closely; Other improper action; Wrong side or wrong way; Physical impairment; Swerving or avoiding due to wind, slippery surface, vehicle, object, vulnerable user in roadway; History heart/epilepsy/fainting; Visibility obstructed; Operating defective equipment; Made an improper turn	Complete Street Project include Install Rapid Rectangular Flashing Beacons (RRFB) at high traffic mid-block crossing on Route 6A & Quaker Meetinghouse Road.	
						Short-Term
						<ul style="list-style-type: none">Install RRFB's at unsignalized crosswalks (if not already included in MassDOT's project)Provide crosswalks at select locationsAdd curb bump outs at crosswalksGeometric improvements and/or evaluation of signalization for Route 6A at Quaker Meetinghouse Road/Spring Hill Road
						Long-Term
						<ul style="list-style-type: none">Install shared-use path for bikes and provide separation from roadwayEvaluate traffic signal warrants at intersection at Davis Straits and Dillingham AvenueConstruct roundabout at Davis Straits and Falmouth Heights Rd