# ORLEANS

### **Background Information:**

- **♦** Adopted Complete Streets Policy in 2020. Approved Complete Streets Prioritization Plan in 2021.
- Considered the State's Statutory 25 MPH Speed Limit but not adopted.
- Has a Transportation and Bikeways Advisory Committee.

### **Crash Stats (2018-2023)**



#### 518

total crashes

pedestrian crashes

bicyclist crashes

motorcyclist crashes



#### 0

fatal crashes



#### 8

serious injuries

pedestrian crash

bicyclist crash

### **Fatal/Serious Injuries**

100% occurred during daylight conditions

38% occurred under the jurisdiction of MassDOT

33% occurred along Urban minor arterial or rural major collector, 25% occurred on urban principal arterial

50% of the crashes were single-vehicle crashes, 38% of the crashes are head on

63% of the crashes contributing factors were either reckless/speeding/distracted/impaired

1 crash was collision with tree, 1 crash was collision with embankment

#### **Public Comments**

- Sidewalk facilities are needed along Beach Road near Nauset Heights Road, Rock Harbor Road. In general, need bicycle/pedestrian safety along Beach Road and Nauset Beach to East Orleans Village, Monument Road, School Road, Route 28.
- Install crosswalks along Route 28 near Tar Kiln Road.
- Need a safe crossing by the spur to the Cape Cod Rail Trail along Route 6a, west of Bay Ridge Lane.
- Very dangerous location coming in from Hopkins Lane crossing onto Tonset Road.

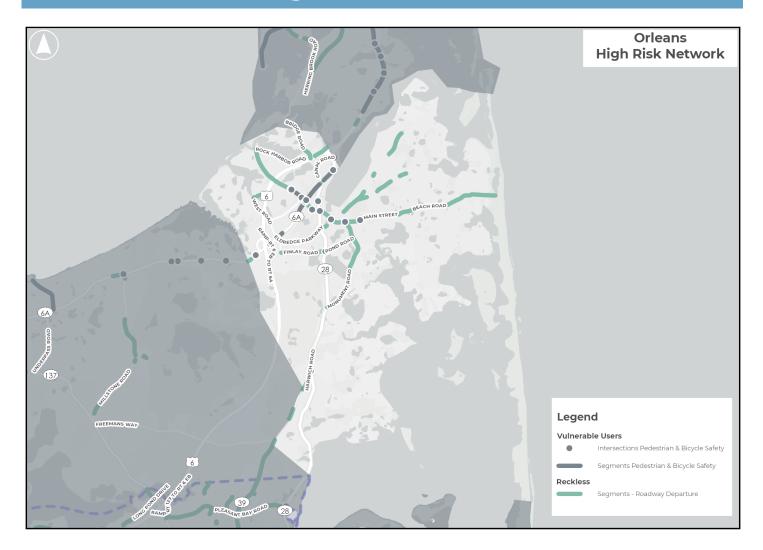
- Install a median on the 2-lane roadway along Route 6 from Dennis to Brewster.
- Dangerous and speeding Orleans Rotary.
- Need to improve intersection and crossing Main Street at Old Colony Way.
- S Blind roadway, Uncle Vicks Way to Monument Road.

## **Town Profile**

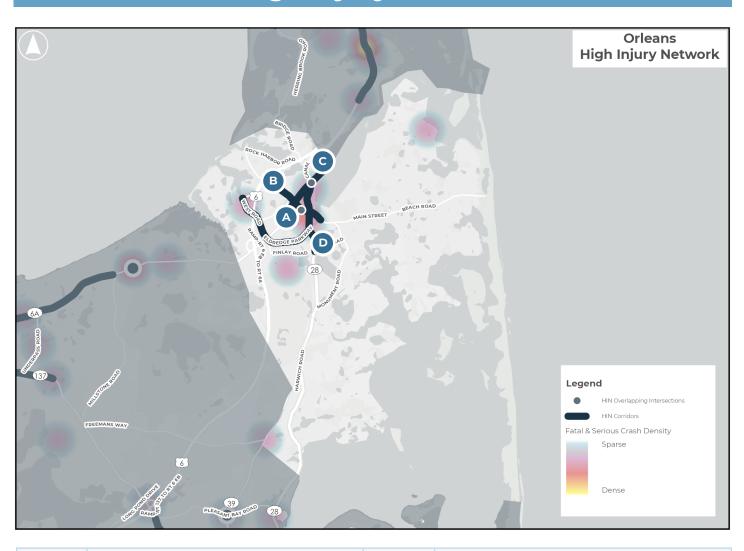
### **ORLEANS - LOWER CAPE**

High Risk Corridors						
Cranberry Highway	Route 6A					
Eldredge Parkway	Skaket Beach Road					
Finlay Road	South Orleans Road					
Main Street	Tonset Road					
Rock Harbor Road						

### **High Risk Network**



### **High Injury Network**



A	Eldredge Park Way/West Road from Skaket Beach Road to South Orleans Road (Route 28)	G	Old King's Highway (Route 6A) from Brewster Cross Road to Eastham Townline
В	Main Street from Tonset Road to Locust Road	D	South Orleans Road (Route 28) from Finlay Road to Old King's Highway (Route 6A)

## **Town Profile**

## **ORLEANS - LOWER CAPE**

HIN – Corridor/ Intersection	Jurisdiction	Length (miles)	Characteristics	Contributing Factors	Studied/ Previous Planning	Potential Countermeasures
Eldredge Park Way/West Road from Skaket Beach Road to South Orleans Road (Route 28)	Local / MassDOT (Route 28)	1.45	<ul> <li>2-lane undivided roadway</li> <li>Posted speed limit: 30 mph</li> <li>Limited sidewalk facilities</li> <li>34 crashes (1 serious injury, 1 bicyclist, 2 pedestrians)</li> </ul>	Failed to yield right of-way/ Failure to keep in proper lane or running off road/ Followed too closely/ Inattention	Complete Streets Project (Upgrade facilities for ped/bike and Cape Cod Rail Trail)	<ul> <li>Install solar radar speed feedback signs</li> <li>Install RRFB with existing crosswalk markings, south of Chase Lane, north of Old Colony Way, Nickerson Drive &amp; etc</li> <li>Include multimodal facilities</li> <li>Install signage and pavement markings from Salty Ridge Road to the Cape Cod Rail Trail to designate bicycle lanes</li> <li>Installation of warning signage and informational kiosk informing Cape Cod Rail Trail users of local destination</li> <li>Installation of upgraded crosswalk and ADA compliant curb ramps West Road by Salty Ridge Road and potential raised crosswalk</li> <li>Long-Term</li> <li>Include multimodal facilities</li> <li>Widening Lots Hollow Road and provide a connection to Route 6A</li> <li>Intersection improvement West Road at Skaket Beach Road, West Road at Old Colony Way</li> <li>Traffic signal modernization Eldredge Park Way/West Road at Route 6A</li> <li>Build a new bridge over Route 6 to connect the Cape Cod Rail Trail and eliminate West Road on road portion</li> </ul>
Main Street from Tonset Road to Locust Road	Local	0.75	<ul> <li>2-lane undivided roadway</li> <li>Includes white edge line</li> <li>Limited sidewalk facilities</li> <li>40 crashes (1 serious injury, 6 bicyclists, 3 pedestrians)</li> </ul>	Distracted/ Driving too fast for conditions/ Failed to yield right of way/ Inattention/ Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	<ul> <li>Complete Streets Project (Pavement repair and multimodal improvements at intersections)</li> <li>Main Street at Old Colony Way, Cape Cod Rail Trail will include RRFB</li> </ul>	Short-Term  Intersection improvements Main Street at Old Colony Way and improve Cape Cod Rail Trail crossings Install solar radar speed feedback signs  Long-Term  Intersection improvement Main Street at Tonset Road Reconstruction of sidewalks, north side of Main Street from Tonset Road to Route 28, relocate utility poles, install ADA compliant crossings and curb ramps, include midblock crossings with RRFBs
Old King's Highway (Route 6A) from Brewster Cross Road to Eastham Townline	MassDOT	0.99	<ul> <li>2-lane undivided roadway</li> <li>Posted speed limit: 35/40 mph</li> <li>Sidewalk facilities</li> <li>120 crashes (4 bicyclists, 3 pedestrians)</li> </ul>	Disregarded traffic signs, signals, road markings/ Distracted/ Failure to keep in proper lane/ Failed to yield right of way/ Inattention/ Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	Complete Streets Project (Construct sidewalks and improve ADA accommodations)	Short-Term  Intersection improvement Route 6A at Brewster Cross Road Enhance share the road signage with bicycle pavement markings with green backing Identify additional midblock crossings with RRFB Install pedestrian signal equipment at the Route 6A at Old County Road Intersection  Long-Term  Construction of sidewalk facilities on the east side of Route 6A/28 from the Eastham Rotary to Old County Road, install ADA compliant crossings and curb ramps Enhance pedestrian connectivity by continuous designated space with streetscape Reduce Route 6A/28 from 4 to 2-travel lanes between Eastham Rotary and Orleans roundabout to re-allocate roadway space to non-motorized users
South Orleans Road (Route 28) from Finlay Road to Old King's Highway (Route 6A)	MassDOT	1.04	<ul> <li>2-lanes undivided roadway</li> <li>Posed speed limit: 35 mph</li> <li>40 crashes (2 serious injuries, 2 bicyclists, 2 pedestrians)</li> </ul>	Disregarded traffic signs, signals, road markings/ Failed to yield right of way/ Failure to keep in proper lane or running off road/ Inattention	Complete Streets Project (Construct sidewalks and SUP)	<ul> <li>Install solar radar speed feedback signs</li> <li>Enhance share the road signage with bicycle pavement markings with green backing</li> <li>Intersection improvement South Orleans Road (Route 28) from Finlay Road to a traffic signal/roundabout</li> <li>Long-Term</li> <li>Construct sidewalks on the west side of Route 28 from Cove Road to Main Street, install ADA compliant crossings and curb ramps</li> <li>Reconstruction of sidewalk along west side of Route 28 at Tonset Road Extension to the Orleans Middle School, install ADA compliant crossings and curb ramps</li> <li>Construction of asphalt shared use path from the Brewster Townline to Tonset Road Extension and including curb ramps and crosswalks</li> <li>Intersection signal modernization at Route 28 at Eldredge Parkway</li> </ul>