

Kittery's Transportation Resources

6



TRAVEL CHARACTERISTICS

- Kittery is the largest work destination for Kittery and KACTS community residents.
- 85% of Kittery households have 1 or 2 vehicles compared with state average of 74%. 6% of households in Kittery have no vehicle.
- 71% of Kittery commuters drive alone and 22% use other modes. The number of carpoolers, bicycle trips and walk trips has increased since 2000. Use of bicycle increased from 0.5% in 2000 to 2.4 percent in 2014, which represents 100 additional commuters who biked.
- Average commute time = 21 minutes, shorter than state average. The number of commuters traveling less than 10 minutes has decreased since 2000.



Unsignalized intersection of Shapleigh Road/Whipple Road/Woodlawn Avenue

OPERATING CONDITIONS

- The main source of congestion on local roadway is during shift changes at the Portsmouth Naval Station.
- The unsignalized intersection of Shapleigh Road/Whipple Road/Woodlawn Avenue operates with congestion and long vehicle delays during peak periods.
- I-95: 37,500 vehicles per day (vpd); US Route 1: 17,000 vpd; and SR Route 236: 18,700 vpd; US Rt. 1 Bypass: 15,700 vpd (Year 2011) have the highest daily traffic volumes.
- Most of the roadway segments experienced decrease in daily traffic volume between 2010 and 2013. Shapleigh Road increased up to 22% during this period.
- The Department of Public Works (DPW) has a policy for local roadway maintenance called the Road Surface Management System. Typically, the roadways with ratings of less than 50 would be on the priority list for maintenance in a given years.
- Kittery has approximately 73 miles of roadways including I-95. Kittery has several scenic roads classified into three categories.
- Most of the bridges in Kittery received a Federal Sufficiency Rating (FSR) above 50. Viaduct and Sarah Mildred Long Bridge have the lowest ratings of 16.4 and 21, respectively. Memorial Bridge replacement was completed in 2013.

WHAT DOES IT MEAN?

- Kittery is served well by I-95, Route 1 and Route 1 Bypass.
- More commuters are biking and walking to their work. New sidewalks, pedestrian safety improvements, and expanded bicycling accommodations could be beneficial.
- When I-95 experiences congestion, particularly during summer months, local roadways experience congestion and are used as cut-throughs.
- Route 103 is a narrow, winding roadway shared by vehicles, motorcycles, and bicyclists, particularly on warm weather weekends.

SAFETY

- According to the annual Town report for 2013, Kittery experienced a reduction in accidents by 10% compared to 2012.

(continued on reverse side)

Kittery Comprehensive Plan: Inventory and Assessment of Existing Conditions

- There were six high crash locations in Kittery between 2011 and 2013, which are:
 - Intersection of Mason Road, Picott Road and Wilson Road;
 - Intersection of Haley Road/US Route 1 and Trafton Lane;
 - Intersection of New State Road & Rogers Road State Road;
 - Intersection of Ramp off to Rogers Road Extension Road South Bound;
 - End of US 1 Bypass/Intersection of US 1 Bypass & US 1 Bypass South Bound; and
 - Intersection of Entrance to Maine Outlet/Entrance to Shop Center, US SHOP CTR, US 1: Non Int US 1.

PEDESTRIANS & BICYCLES

- Most of the sidewalks in Kittery are along US Route 1 and in the urban downtown area. The DPW maintains a Sidewalk Condition Report.
- Approximately 2.5-miles of the Eastern Trail runs through Kittery from the Maine State Line on the Memorial Bridge to Dennett Road.
- The Route 236 bike route runs through Kittery.
- The KACTS is working with the Town of Kittery on upgrading the Route 1 Bypass to make it more pedestrian friendly.
- Route 103 is included in Tour 8 of MaineDOT's "Explore Maine by Bike" book. Tour 8 provides 3 tour loops that are 12, 17 & 22 miles long.

TRANSIT

- In Kittery, the COAST provides year round fixed-route limited transit services at Portsmouth Naval Shipyard. Out of five COAST routes, four are express commuter routes.
- Paratransit service, ridesharing program and van services are available to Kittery residents through various organizations, including YCCAC, York Hospital, GoMaine, vRide, Enterprise Rideshare, and Kittery Community Center.
 - YCCAC provides "Local Rides" service in Kittery on Fridays, with destinations in Kittery, Portsmouth and Newington.
- A shuttle bus service use to operate on Route 103 in Kittery, but it has not been provided for several years.
- Currently, there is no passenger rail service into Kittery. The nearest stations from Kittery are Dover, New Hampshire and Wells, Maine. There is a freight service to the Portsmouth Naval Shipyard.

PARKING

- There is a shortage of parking spaces in the Foreside area during peak periods.
- Parking at access points to the water during summer months is difficult for both residents and visitors.



Intersection of State Road and Rogers Road, one of the high crash locations.

WHAT DOES IT MEAN?

- Fixed-route bus services in Kittery are only available at Portsmouth Naval Shipyard.
- There is a desire for shuttle service but the demand is not high enough for applying for grant.
- Parking shortages at Foreside area and at access points to the water during the summer.