



Date

August 8, 2022

To

Peter Mills, Executive Director, MTA

From

HNTB

Project**Memorandum****Subject**

Regional Traffic Characteristics

The purpose of this memorandum is to provide a regional understanding of users traveling along the Route 22 and 25 corridors from Gorham and Westbrook into Portland.

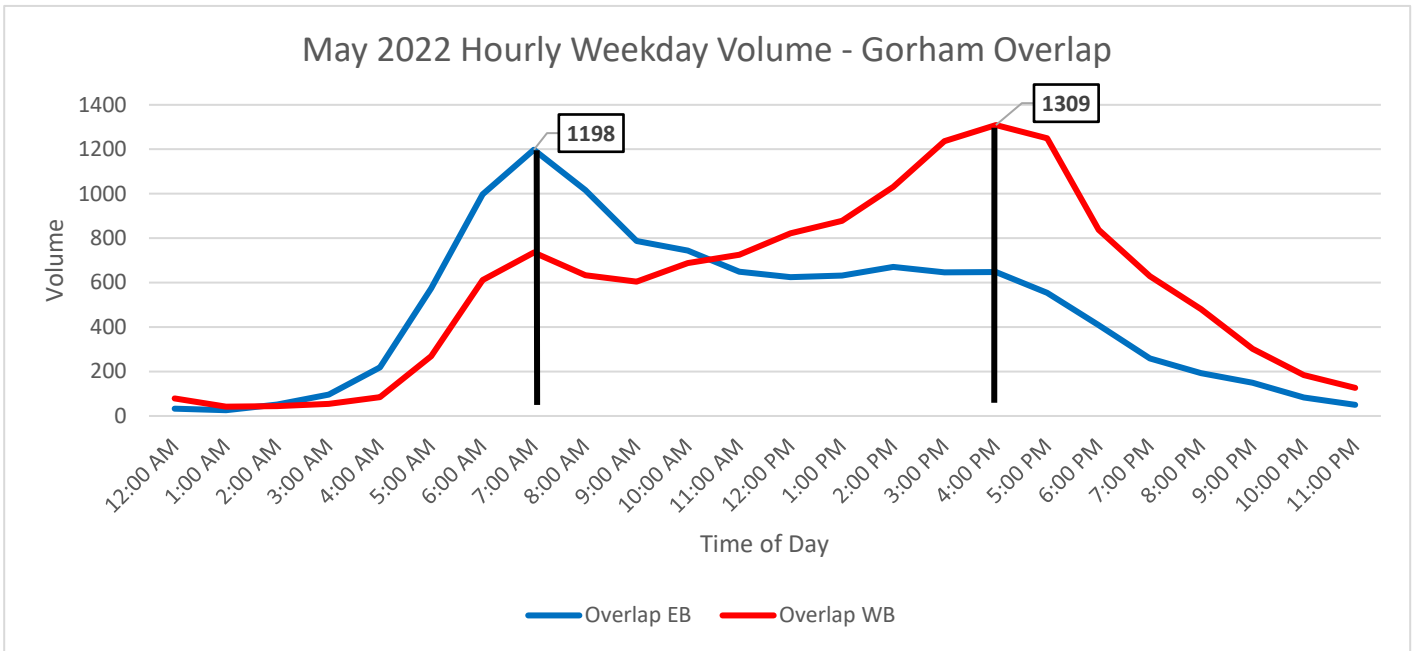
Data Assumptions

- Unless otherwise noted the data represents April 2022
- Origin-destination information was developed using Streetlight Insight
- Regions are as described using Streetlight Insight.
- Portland total travel statistics based on the PACTS Travel Demand Model

Route 22 and 114 (Overlap) Vehicle Travel Characteristics

1. How does the volume on the Overlap in Gorham vary by time of day (directionally)?

There are two primary peak periods on the Overlap – a 7:00 am peak eastbound and a 4:00 pm peak westbound. The following graph provides a typical snapshot of weekday overlap travel where blue represents the eastbound movements and red the westbound movements. Peak volumes along this section of the Overlap are indicated on the graph and are consistent with volumes pre-pandemic.

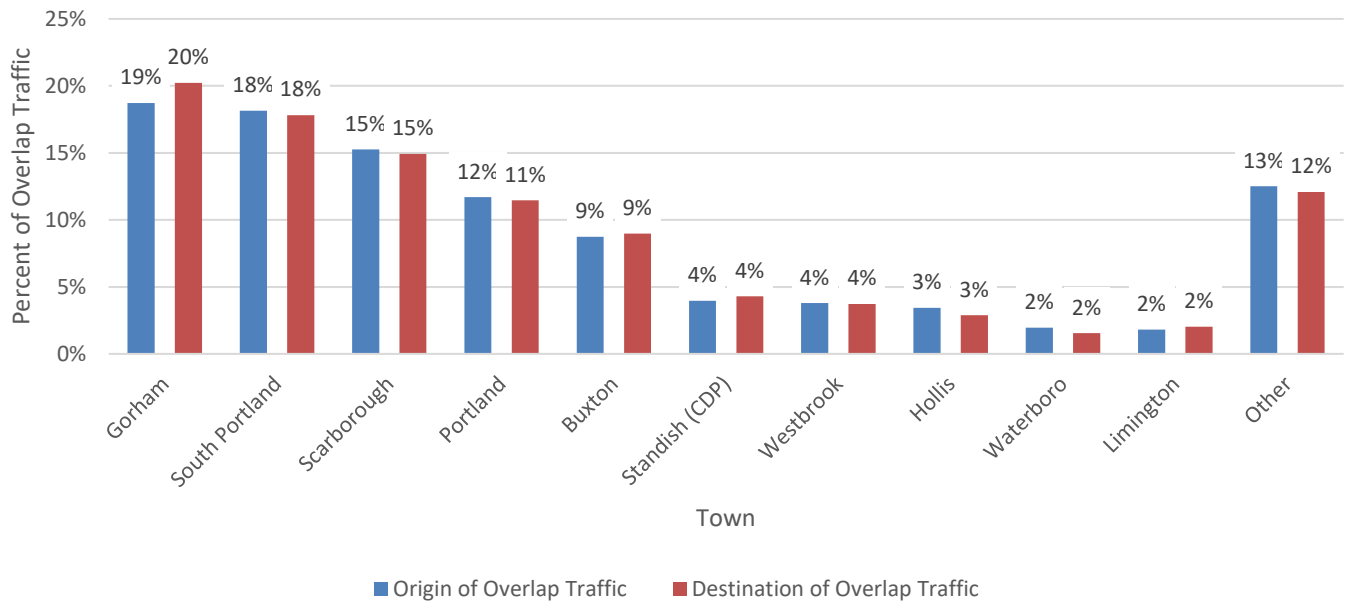


2. What is the origin and destination of drivers on the Overlap overall?

Based on the Streetlight evaluation of the Overlap we identified that during weekday traffic we have drivers from 40 communities that use the Overlap. This includes 31 from Gorham and to the west. The top five communities are:

1. Gorham (20%)
2. South Portland (18%)
3. Scarborough (15%)
4. Portland (12%)
5. Buxton (9%)

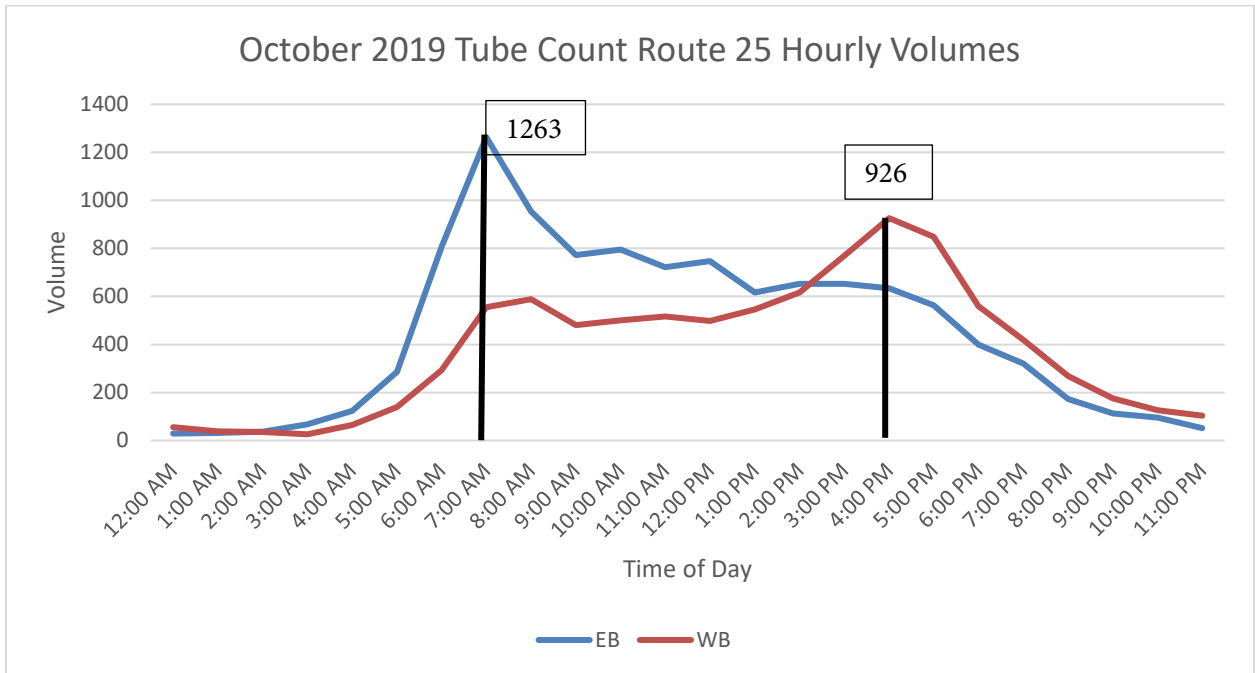
Weekday Traffic on the Overlap Based on Origins and Destinations



Route 25 Vehicle Travel Characteristics

1. How does the volume on Route 25 in Westbrook near Downtown vary by time of day (directionally)?

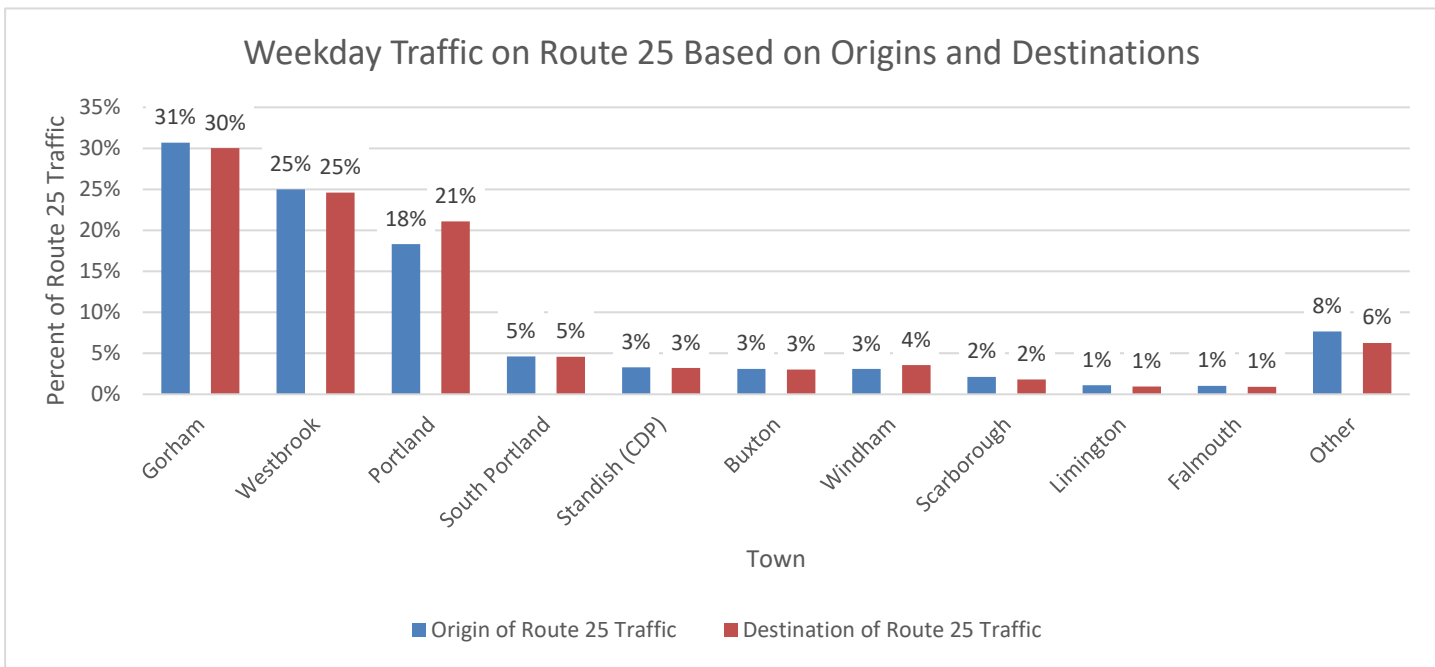
On Route 25 there is a higher AM Peak eastbound and a more moderate westbound PM Peak. Peak volumes along this section of Route 25 are indicated on the graph and are also consistent with volumes pre-pandemic.



2. What is the origin and destination of drivers on Route 25 overall?

Based on the Streetlight evaluation of Route 25 in Westbrook, there are drivers from 33 communities during weekday traffic that use Route 25. This includes 27 from Gorham and to the west. The top five communities are:

1. Gorham (30%)
2. Westbrook (25%)
3. Portland (20%)
4. South Portland (5%)
5. Standish, Buxton, and Windham (each 3%)



Portland Area Travel Characteristics

1. How many vehicles (total) enter the City of Portland on an average weekday?

Approximately 140,000 vehicles enter and exit the City of Portland each day based on data from the PACTS Travel Demand Model. The breakdown by AM peak period, PM peak period and Daily Totals are provided in the table below.

	from Portland to outside Portland	to Portland from Outside Portland
AM Peak Period (from 6 - 9am)	16,000	31,00
PM Peak Period (from 3 - 6pm)	45,500	29,500
Daily Total	138,500	138,500

Of those, how many vehicles are coming from or going to communities to the west?

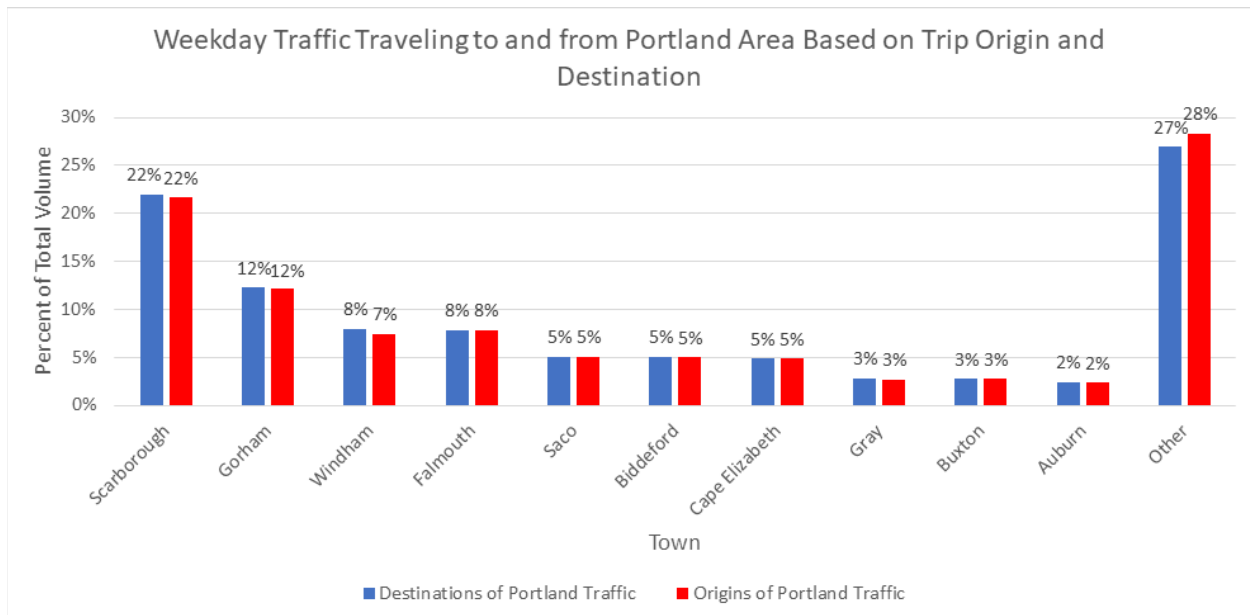
Total from West Region	16,500	Total to West Region	16,000
Percent from West	12%	Percent to West	11.5%

Western region towns in this summary include Gorham, Windham, Buxton, Standish, Alfred, Raymond, Sanford, and Limington.

2. Where do people coming to the Portland originate from and are destined to?

A Streetlight evaluation of weekday traffic have identified driver from 80 communities that enter and exit Portland. The top five communities that use the Portland area are:

1. Scarborough (22%)
2. Gorham (12%)
3. Windham (8%)
4. Falmouth (8%)
5. Saco, Biddeford, and Cape Elizabeth (5%)



3. Where are drivers that use the Overlap and Route 25 into and out of Portland originating from?

The top five communities that use the Overlap and Route 25 to get to and from the Portland area are:

1. Gorham
2. Buxton
3. Hollis
4. Standish
5. Waterboro

