ROUTE 6

Shelburne Road

SERVICE DESIGN

Route 6 is a Major Local route that operates between Shelburne and the Burlington Downtown Transit Center (DTC). The route travels primarily along Shelburne Rd/US Route 7 (see Figure 1). The route provides service to Burlington Plaza Shopping Center and Hannaford Plaza in South Burlington.

On weekdays, Route 7 operates every 15 minutes during peak periods, every 30 minutes throughout most of the day, and every 60 to 75 minutes during the evening (see Table 1). On Saturdays, service operates every 60 minutes early and late, and every 30 minutes for most of the day. No Sunday service is provided.

Service operates from 6:05 AM to 11:23 PM on weekdays, and from 6:15 AM to 8:23 PM on Saturdays.

Route 6 has eight total service variants, seven on weekdays and three on Sundays (see Table 2). The primary alignment (6-25 outbound and 6-9 inbound) runs from the DTC to the Shelburne Museum. The alternate service patterns either serve the Waldorf School, the Vermont Teddy Bear Company, or have a short turn at the K-Mart on Shelburne Road near Interstate 189.

RIDERSHIP

Route 6 carries an average of 759 passengers on weekdays and 472 passengers on Saturdays. In terms of weekday ridership, it ranks fourth out of GMT's four Major Local routes.

Figure 1: Route Map

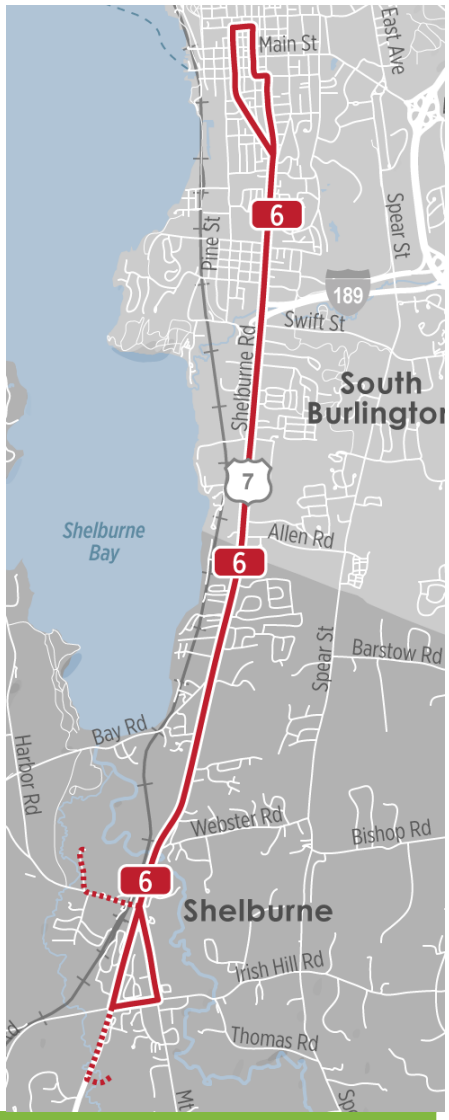


Table 1: Schedule Statistics

SERVICE DAY	SPAN OF SERVICE	FREQUENCY (MIN)	DAILY TRIPS (OUTBOUND/INBOUND)
Weekdays	6:05 AM to 11:23 PM	30/30/60-75	29/28
Saturday	6:15 AM to 8:23 PM	60/60	24/23
Sunday	—	—/—	—/—

Note: Frequencies shown are lowest frequencies during Peak/Midday/Evening service times for weekdays. Peak frequencies are calculated for service between 6:00 am – 9:00 am & 3:00 pm – 6:00 pm. Midday service is from 9:00 am – 3:00 pm. Evening service is for service after 6:00 pm. Saturday and Sunday frequencies are shown as AM/PM.

Table 2: Service Variants

VARIANT	ORIGIN	DESTINATION	UNIQUE FEATURE	TRIPS PER DAY		
				WKD	SAT	SUN
OUTBOUND				**29**	**24**	**—**
6-25	DTC	Shelburne Museum		23	23	—
6-18	DTC	K-Mart		1	0	—
6-24	DTC	Shelburne Museum	Via Vermont Teddy Bear Company	5	0	—
6-20	DTC	K-Mart		0	1	—
INBOUND				**28**	**23**	**—**
6-9	Shelburne Museum	DTC		22	23	—
6-27	Shelburne Museum	DTC	Via Waldorf School	1	0	—
6-23	Shelburne Museum	DTC	Via Vermont Teddy Bear Company	4	0	—
6-21	Shelburne Museum	DTC	Via Waldorf School & Vermont Teddy Bear Company	1	0	—

Ridership by Stop

Weekdays

The highest ridership on Route 6 is focused within Burlington, between the Downtown Transit Center and Baldwin Avenue. Beyond the Downtown Transit Center, the highest ridership stops on Route 6 are the stop at Shaw's on Shelburne Avenue, with 73 average weekday boardings, and the reciprocal stop across the street serving Price Chopper, with 20 weekday boardings. The four consecutive inbound stops at Shaw's, Lindenwood Drive, Laurel Hill Drive, and Baldwin Avenue have a combined 116 daily boardings, representing the highest ridership segment outside downtown (see Figure 2). In addition, another cluster of retail and employment activity is focused around the two stops at Locust Hill and Jolley Short Stop. Along the rest of the route south of Maple Street, most stops have 10 or fewer boardings or alightings. These stops generally serve lower density residential areas and sparser commercial activity.

Weekends

Saturday ridership patterns are similar to weekday patterns, but with significantly lower volumes along most of the route (see Figure 3). However, Saturday ridership at the Shaw's and Baldwin Avenue stops remains comparable to weekday figures: these two stops have an average of 72 boardings and 19 boardings, respectively. Beyond these stops, most stops south of downtown have fewer than 10 daily boardings.

Figure 2: Weekday Inbound Ridership by Stop Map

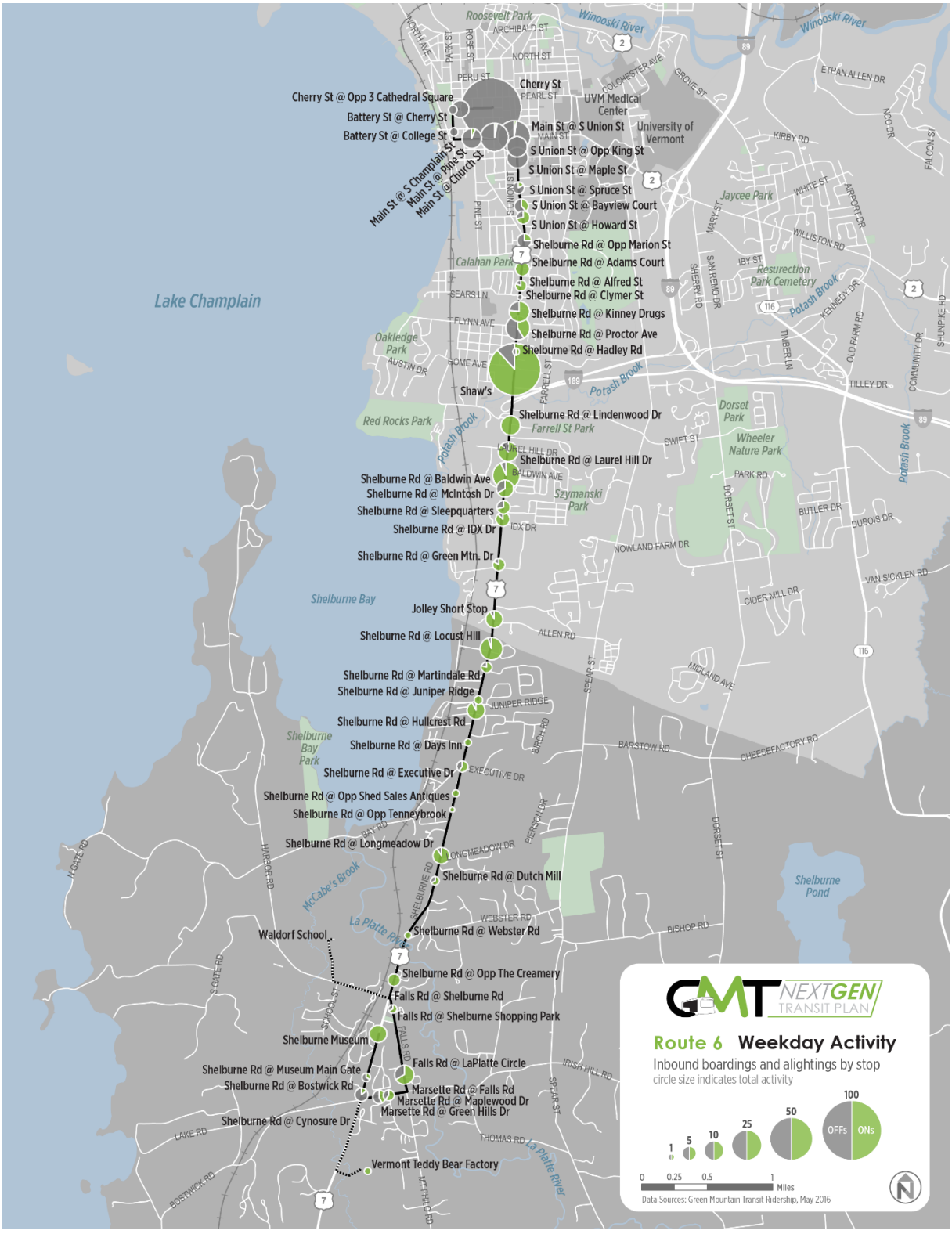
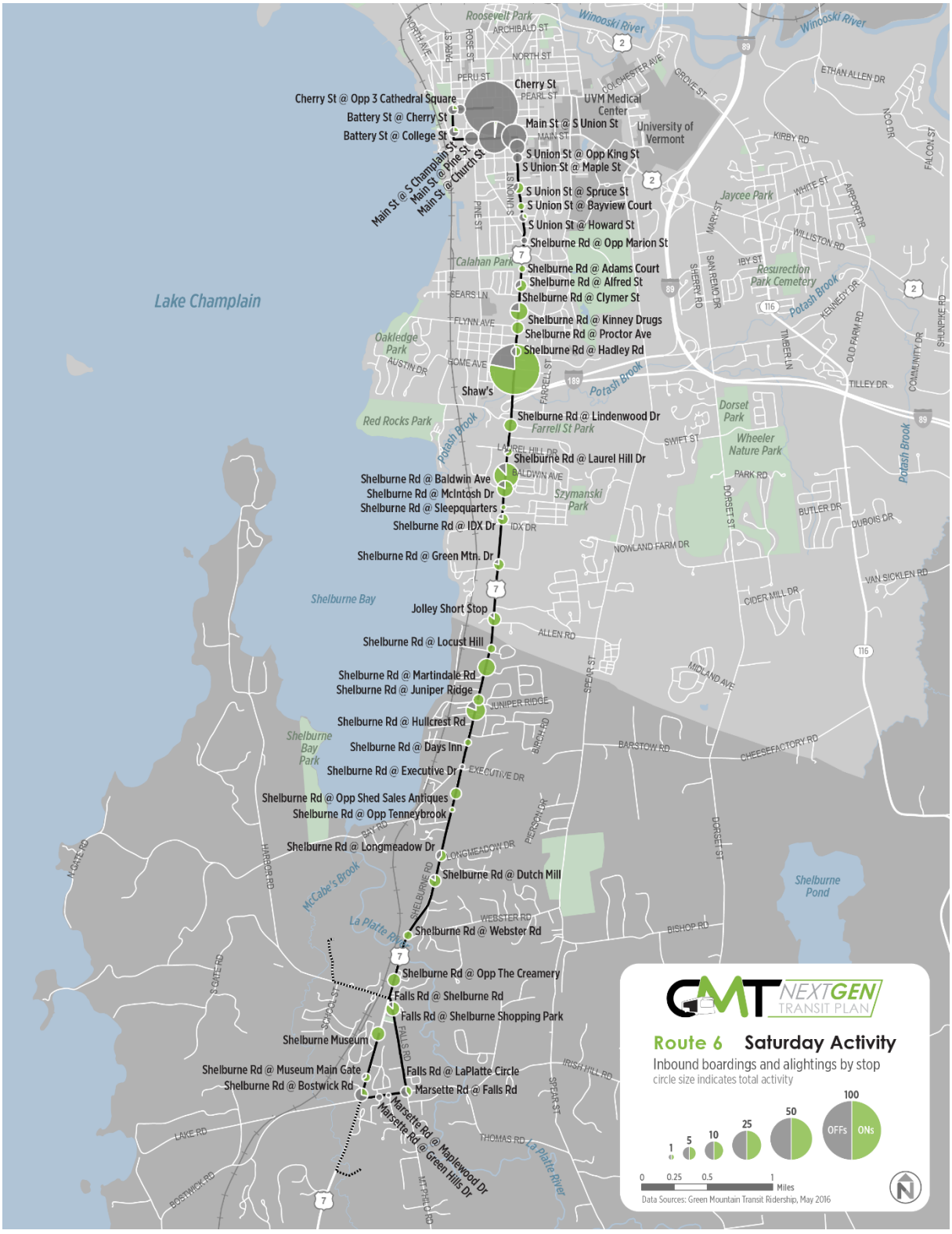


Figure 3: Saturday Inbound Ridership by Stop Map



Ridership by Trip

Weekdays

On weekdays, Route 6 ridership generally follows the traditional commuting peaks, with the highest ridership during the morning and afternoon peak hours in both directions. Most of these peak hour trips carry between 15 and 25 passengers per trip (see Figure 4). The highest ridership is between 3 PM and 5 PM outbound, with some trips exceeding 25 passengers per trip. Ridership is generally lower during the midday, with fewer than 12 riders per trip, although some trips at 10 AM and 12 PM see a small spike in ridership reaching 16 riders per trip. No trip exceeds 30 riders per trip or a maximum load of 30 passengers (see Figure 5), indicating that no trip is over-capacity. Evening ridership is much lower, at 10 passenger per trip or fewer.

Weekends

Route 6 ridership is lower on Saturdays, and more evenly distributed throughout the day, with the highest ridership between 1 PM and 5 PM in both directions (see Figure 6 and Figure 7). The more distributed ridership throughout the day is typical for shopping trips or for workers with service job or irregular hours.

Figure 4: Weekday Ridership by Trip Chart

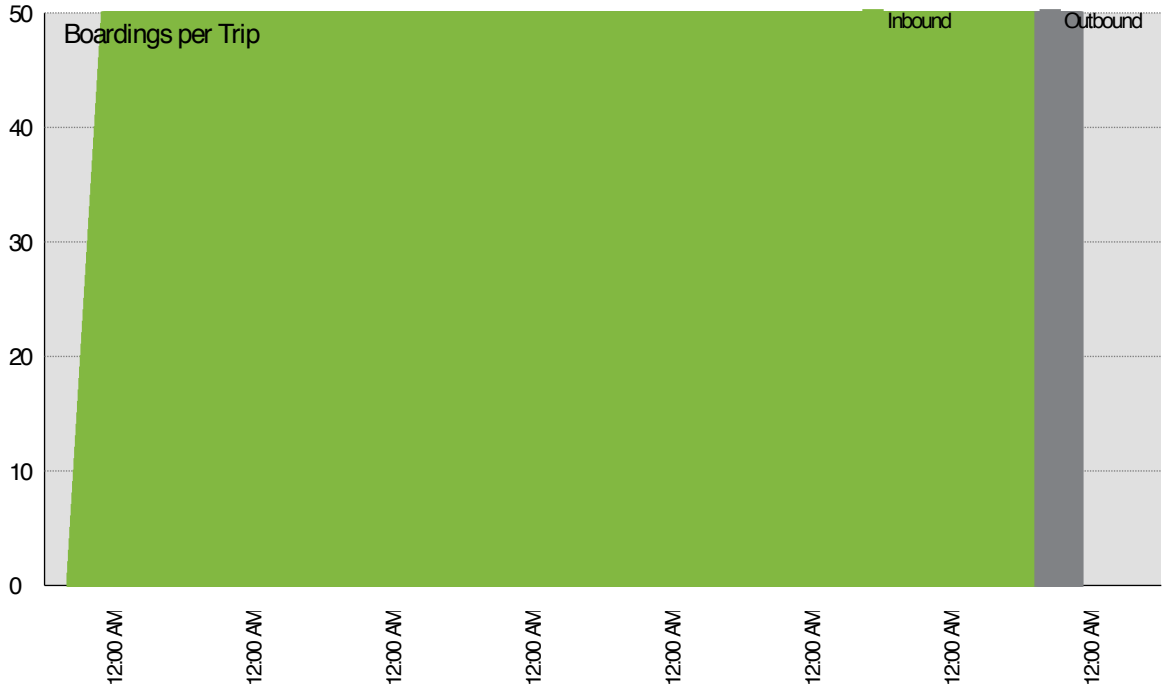


Figure 5: Weekday Maximum Loads by Trip Chart