

Design Consultants, Inc.

Civil Engineering
Transportation/Traffic
Water/Wastewater
Geotechnical
Land Surveying
Environmental
Planning

MEMORANDUM

DCI JOB NO. 2015-129

TO: Robert Gregory
North East Harvest Select Corp.
23 Chester Street
Somerville, MA 02144

FROM: Wayne Keefner, P.E., PTOE
Design Consultants, Inc.

SUBJECT: **Trip Generation Memorandum**
378 Highland Avenue
Somerville, MA

DATE: November 14, 2019

Introduction

As requested by the client, North East Select Harvest (“Proponent”), Design Consultants, Inc. (DCI) has prepared this report to analyze the proposed trip generation for the project located at 378 Highland Avenue (“Project”) in Somerville. Currently, the building houses five retail spaces, with two currently operational. It is our understanding that the Proponent is proposing to convert the three non-operational retail spaces into one Adult-Use Marijuana Establishment (“Dispensary”). The basement of these spaces will also be part of the Dispensary and be used for storage and security. The property will be a regulated facility operating in compliance with the requirements and regulations of the Commonwealth of Massachusetts and the City of Somerville.

Project Description

Currently, the proposed Project site includes a 1-story building with three retail spaces. The retail spaces previously operated as an apparel store, bakery, and an office totaling 1,542 square feet of space. The three retail spaces will be combined and converted into a 1,542 square foot

Dispensary. The basement will be used as storage space that will only be used by the facility owner and employees of the Dispensary.

Existing Transportation Conditions

Roadways

Highland Avenue is classified as an Urban Minor Arterial under City of Somerville jurisdiction. Highland Avenue is a two-lane, two-way roadway east of Cutter Avenue and a two lane, one-way roadway west of Cutter Avenue. Highland Avenue is approximately 1.7 miles in length and spans from its intersection with College Avenue and Elm Street and its intersection with Medford Street in Somerville. Highland Avenue provides access to Davis Square, a stop on the MBTA Red Line, 0.2 miles from the Project site. There is a designated bicycle lane in the westbound direction between the Project site and Davis Square. There are sidewalks along both sides of Highland Avenue along its entire length which connect to Davis Square.

Cutter Avenue is classified as a Local Road under City of Somerville jurisdiction. Cutter Avenue is a one-lane, one-way roadway. Cutter Avenue is approximately 0.1 miles in length and spans from its intersection with Summer Street to Highland Avenue. There is a buffered, painted bicycle lane in the northbound direction. There are sidewalks along both sides of Cutter Avenue along its entire length.

Public Transportation

Subway (T) Stops

Davis Square Station, a stop on the MBTA Red Line, is located approximately 0.2 miles from the Project site. Davis Square Station allows passengers to access the MBTA Red Line or any one of eight bus routes that serve Somerville, Malden, Medford, Cambridge, and downtown Boston. The Red Line runs between Alewife Station in Cambridge and Braintree station in Braintree or Ashmont station in Boston. The Red Line provides service through Cambridge at Porter Square, Harvard Square, Central Square, Kendall Square, and into Downtown Boston. Inbound service to Ashmont/Braintree has train headways of 3 to 5 minutes during the Weekday AM peak period and 3 to 6 minutes during the Weekday PM peak period. Outbound service to Alewife has train headways of 1 to 8 minutes during the Weekday AM peak period and 2 to 7 minutes in the Weekday PM peak period.

As part of the Green Line Extension Project, a future MBTA Green Line stop will be constructed in the vicinity of Magoun Square, approximately 0.5 miles from the Project site. Pedestrian and bicycle access between the Magoun Square stop and the Project site is facilitated by the Somerville Community Path. Magoun Square Station will provide access to downtown Boston as well as Somerville and Medford, including a stop at Tufts University.

Bus Routes within Study Area:

The Massachusetts Bay Transportation Authority (MBTA) services the Project location with bus routes 87, 88, 89, 90, 94, and 96. Bus Route 87 and 96 serve the MBTA Elm Street at Cutter Avenue stop, which is approximately 600 feet from the Project site. Bus route 87 runs between Massachusetts Avenue at Broadway in Arlington and Lechmere Station, a stop on the MBTA Green Line in Cambridge. Bus route 96 runs between Medford Square in Medford and Harvard Station, a stop on the MBTA Red Line in Cambridge. Bus Routes 88, 89, and 90 serve the MBTA bus stop located on Highland Avenue at Cutter Avenue, which is directly in front of the Project site. Bus route 88 runs between the Clarendon Hill Busway in Somerville and Lechmere Station. Bus route 89 runs between the Clarendon Hill Busway and Sullivan Square, a stop on the MBTA Orange Line in Charlestown. Bus route 90 runs between Davis Square in Somerville and Grand Union Boulevard at Canal Street in Somerville, with a stop at Sullivan Square. Bus Route 94 serves the MBTA Grove Street at Highland Avenue stop, which is approximately 500 feet from the Project site. Bus route 94 runs between Davis Square and Medford Square. Detailed schedules and maps are attached in the Appendix.

Pedestrian/Bicycle Facilities and Connectivity

Pedestrian connectivity in the vicinity of the Project is facilitated by existing sidewalks, crosswalks, and ADA ramps. There are sidewalks present on both sides of Highland Avenue and Cutter Avenue. At the signalized intersection of Highland Avenue at Cutter Avenue, pedestrian signals are provided at each crosswalk. At the intersection of Highland Avenue at Grove Street, curb bump outs shorten the crossing distance across Highland Avenue.

Within the study area, there are dedicated bike lanes along Cutter Avenue and Highland Avenue west of Cutter Avenue. Bicycle sharrows are painted on Highland Avenue east of Cutter Avenue. Access to the Somerville Community Path is located 300 feet north of the Project site at the end of Ellington Road where an ADA accessible ramp is provided. The Somerville Community Path provides bicycle and pedestrian access between Lowell Street in Somerville and Massachusetts Avenue in Cambridge, where it becomes the Alewife Linear Park, and is approximately 1.3 miles in length. Alewife Linear Park connects to the Minuteman Commuter Bikeway, which provides access to the towns of Arlington, Lexington, and Bedford. A BlueBikes Station with up to 25 bicycles is located in Davis Square, approximately 0.25 miles northwest of the Project, adjacent to the Davis MBTA station. BlueBikes is a public bike share with station facilities in Boston, Brookline, Cambridge and Somerville. Covered bicycle parking is provided at the Davis Square Station T stop. As part of the proposed Project, the Proponent will be providing bicycle racks on-site for any customer or employee who wishes to get to/from the site via bicycle.

Project Trip Generation

Estimated Facility Operations

It is anticipated that the proposed Dispensary will operate every day during the following hours:

- 10:00am to 8:00pm Monday to Thursday
- 10:00am to 10:00pm Friday and Saturday
- 12:00pm to 5:00pm Sunday

Given the likelihood of other adult-use facilities opening in the surrounding cities, towns, and neighborhoods, the focus is on meeting the needs of customers mostly within Somerville and a few surrounding neighborhoods. The service area will be largely dependent on the evolving competition in the area as other adult-use facilities are established.

Customers

Customer visits are expected to occur throughout the day with peak hours typically in the afternoon and on the weekends. Given that the facility will not be open until after the Weekday AM peak hour (7am to 9am), it is assumed that there will be zero (0) trips to the facility made by customers.

Initially, the facility will be set up as appointment-only for customers. Based on discussions with the Proponent, these appointments will be spaced 15 minutes apart, and will account for check-in, wait, sale, and exit. With a total of five (5) point of sale stations available, the facility will be able to accommodate a maximum of 20 customers per hour.

It is assumed that the Weekday PM peak hour trips will be made mostly by individuals who are on their way home from work. Many of these individuals will be from the surrounding communities. The anticipated client base is expected to become smaller with the opening of more facilities throughout Somerville. In a previous study for an adult-use facility in Somerville, DCI reviewed the Census Data for multiple cities and towns surrounding the site and determined that approximately 50% of trips will be made via a non-vehicular mode to commute. It is expected that the customers of the Dispensary will commute in a similar way. However, as more facilities open in the area, the majority of the client base should consist of residents local to the Davis Square neighborhood. Local residents will be able to make trips via non-vehicular modes. Therefore it was assumed that 75% of trips will be made via non-vehicular modes. This would result in an estimate of approximately 5 customers making trips via motor vehicle and 15 customers making trips via non-vehicular modes each hour. With each customer making an entering and exiting trip, this would result in 10 vehicle-trips during the Weekday PM peak hour.

Employees

The Proponent anticipates having a maximum of 14 (1 manager, 2 Assistant Managers, 7 Full Time, 4 Part Time) employees. Home locations for these individuals will depend on a variety of different factors, though the Proponent will attempt to hire a majority of the employees from within Somerville. The Proponent will be providing public transportation subsidies to employees and will highly encourage the use of non-vehicular modes of transportation to work. The Proponent has committed to put an emphasis on hiring local residents from the surrounding community. With a majority of the employees living within Somerville or within walking/biking distance, it is expected that many of them will use non-vehicular modes of transportation to commute to work. Additionally, all shifts are expected to begin and end outside of the peak commuting hours. Consequently, even if an employee wishes to drive a motor vehicle to the site, they will be doing so outside of the peak hours. This will eliminate vehicle-trips to the site by employees during the peak hours.

Service/Delivery Patterns

The proposed Dispensary will generate a variety of delivery trips, as described below:

- Product – All product will be grown at an off-site facility and delivered to the facility (via an unbranded passenger automobile) three to four times per week. Delivery routes used for the transportation of marijuana products will be randomized within the Commonwealth.
- Trash – The Dispensary will have private trash pick-up and is expected to be serviced once per week. Trash will be stored inside the building and wheeled in bins to the curb on collection days.
- Cash – Cash will be picked up two to three times per week. The timing of both the product deliveries and the cash pick-ups will vary each day to reduce predictability for security reasons.

In total, the number of service/delivery trips are expected to be minimal and will be scheduled to occur during off-peak periods. It is estimated that there will be one (1) total daily service/delivery trips. Deliveries to the Dispensary will be scheduled to ensure there is no disruption of the delivery schedule by the two existing food establishments in the building.

Based on the customer, employee, and service/delivery trips described in the previous section, the Dispensary is expected to generate zero (0) vehicle-trips during the Weekday AM peak hour, 16 vehicle-trips during the Weekday PM peak hour, and approximately 160 vehicle-trips on an average weekday. Table 1 shows the calculations based on these expected travel patterns.

Table 1: Adjusted Vehicle-Trip Generation Calculations per Employee, Customer, and Delivery/Service Travel Patterns

Time Period/ Direction		Project Vehicle-Trips - Marijuana Retailer ¹			
		Customers	Employees	Service/ Delivery	Total
Weekday AM Peak Hour	In	0	0	0	0
	Out	0	0	0	0
	Total	0	0	0	0
Weekday PM Peak Hour	In	5	0	0	5
	Out	5	0	0	5
	Total	10	0	0	10
Weekday Daily	In	50	0	1	51
	Out	50	0	1	51
	Total	100	0	2	102

¹ Based on customer, employee, and service/delivery information

Institute of Transportation Engineers (ITE) Estimates

For comparison, trip estimates were calculated using the *Trip Generation Manual (10th Edition)*, published by the Institute of Transportation Engineers (ITE) in 2017. The *Trip Generation Manual* includes a land use for a marijuana dispensary (LUC 882). The proposed facility will occupy approximately 1,542 square feet of space. Given that the proposed facility will not be open until after the Weekday AM peak hour and employee shifts will not start during the peak hours, it is assumed that there will be zero (0) trips made during the Weekday AM peak hour.

Based on the ITE trip generation rates, it is expected that the Dispensary will generate 60 trips during the Weekday PM peak hour and 602 trips on an average weekday. Using the same non-vehicular mode split as previously described, this would equate to 16 vehicle-trips during the Weekday PM peak hour and 162 vehicle-trips on an average weekday. This equates to approximately one (1) trip every four (4) minutes during the Weekday PM peak hour. Table 2 shows the calculations based on the ITE *Trip Generation Manual*.

Table 2: Vehicle-Trip Generation Calculations per ITE *Trip Generation Manual*, 10th Edition

Land Use Code: 882	Marijuana Dispensary		
	Weekday AM Peak Hour	Weekday PM Peak Hour	Weekday Daily
Size (per 1,000 Square Feet)	1.542	1.542	1.542
Average Trip Rate	0.00	21.83	252.70
Total Vehicle-Trips	0	34	390
Adjusted Vehicle-Trips (No Employee Vehicle Trips)	0	34	390
Adjusted Vehicle-Trips (75% Non-Vehicular Trips)	0	8	98
Entering %	56%	50%	50%
Exiting %	44%	50%	50%
Entering Vehicle-Trips	0	4	49
Exiting Vehicle-Trips	0	4	49

As compared to Table 1, the ITE *Trip Generation Manual* estimate results in approximately the same number of vehicle-trips during both the Weekday PM peak hour and full weekday.

Parking Availability

As part of this Project, there will be parking provided on-site within a parking lot directly adjacent to the building. This parking lot will be able to accommodate between 8 and 10 vehicles, and will be used for customers only. Based on the trip generation calculations, it is believed that approximately one (1) of the five (5) appointments every 15 minutes will arrive by motor vehicle, which can be accommodated by the on-site parking. In the event that all appointments in a given time period arrive via motor vehicle, the on-site parking lot will be able to accommodate the five (5) vehicles, as well as any overlap between appointment periods.

Additionally, the Proponent has an agreement with the building across the street at 373 Highland Avenue to rent parking spaces for employees. Any employee who wishes to drive to the site will be parking off-site at 373 Highland Avenue as to not take up any of the on-site parking spaces.

Transportation Demand Management (TDM)

Given the sites proximity to the Davis Square Red Line, MBTA bus lines, and bicycle and pedestrian infrastructure, it is expected that a majority of these trips will be made using non-vehicular transportation to access the site. It is also expected that other adult-use facilities will be opening in surrounding cities and towns, and the majority of the visitors to the site are expected to be from within walking distance. Furthermore, with the addition of Transportation Demand Management (TDM) measures the number of vehicle-trips is expected to be reduced even further.

In order to limit the number of vehicle-trips that the site is expected to generate, the Proponent will promote transit accessibility, walk-ability, and bike-ability to both customers and staff. With the Red Line service that is available in Davis Square, as well as the multiple bus routes and bicycle access, emphasis will be placed on using these alternative modes of transportation instead of driving to the site. Specific mitigation measures that the Proponent intends to implement are:

- Employees –
 - Ensure employees will not park on adjacent streets;
 - Encourage employees to use ridesharing services for the connection between the Project site, MBTA stops, and other transit/parking destinations;
 - Provide subsidized transit passes;
 - Offer a guaranteed ride home to employees who choose not to drive to work;
 - Make an effort to hire employees local to the Somerville and Davis Square area

- Website –
 - Provide information detailing travel options to the site, including MBTA service and bike-sharing options.
 - Directions to the facility and information on parking at the site.
 - Provide information regarding location of bicycle-sharing facilities and bicycle parking availability on-site

Conclusion

The Project site at 378 Highland Avenue is currently occupied by three retail spaces that total 1,542 square feet of space. The Proponent is proposing to redevelop the three retail spaces into an Adult-Use Marijuana Establishment.

Using anticipated customer, employee, and service/delivery trip patterns, the facility is expected to generate **zero (0) vehicle-trips** during the Weekday AM Peak Hour, **10 vehicle-trips** during the Weekday PM Peak Hour, and **102 vehicle-trips** during an average weekday. Using the average trip generation rates from the *ITE Trip Generation Manual, 10th Edition*, and adjusting for trips being made by non-vehicular modes, the site is expected to generate 0 vehicle-trips during the Weekday AM Peak Hour, 8 vehicle-trips during the Weekday PM Peak Hour, and 98 vehicle-trips during an average weekday. These calculations support the calculations made with the estimated customer, employee, and service/delivery trips. Additionally, the Proponent is also committed to implementing Transportation Demand Management (TDM) measures to encourage both customers and staff to use alternative modes of transportation to get to and from the site, thus minimizing the number of vehicle-trips to the site and the traffic impact on the surrounding roadways.

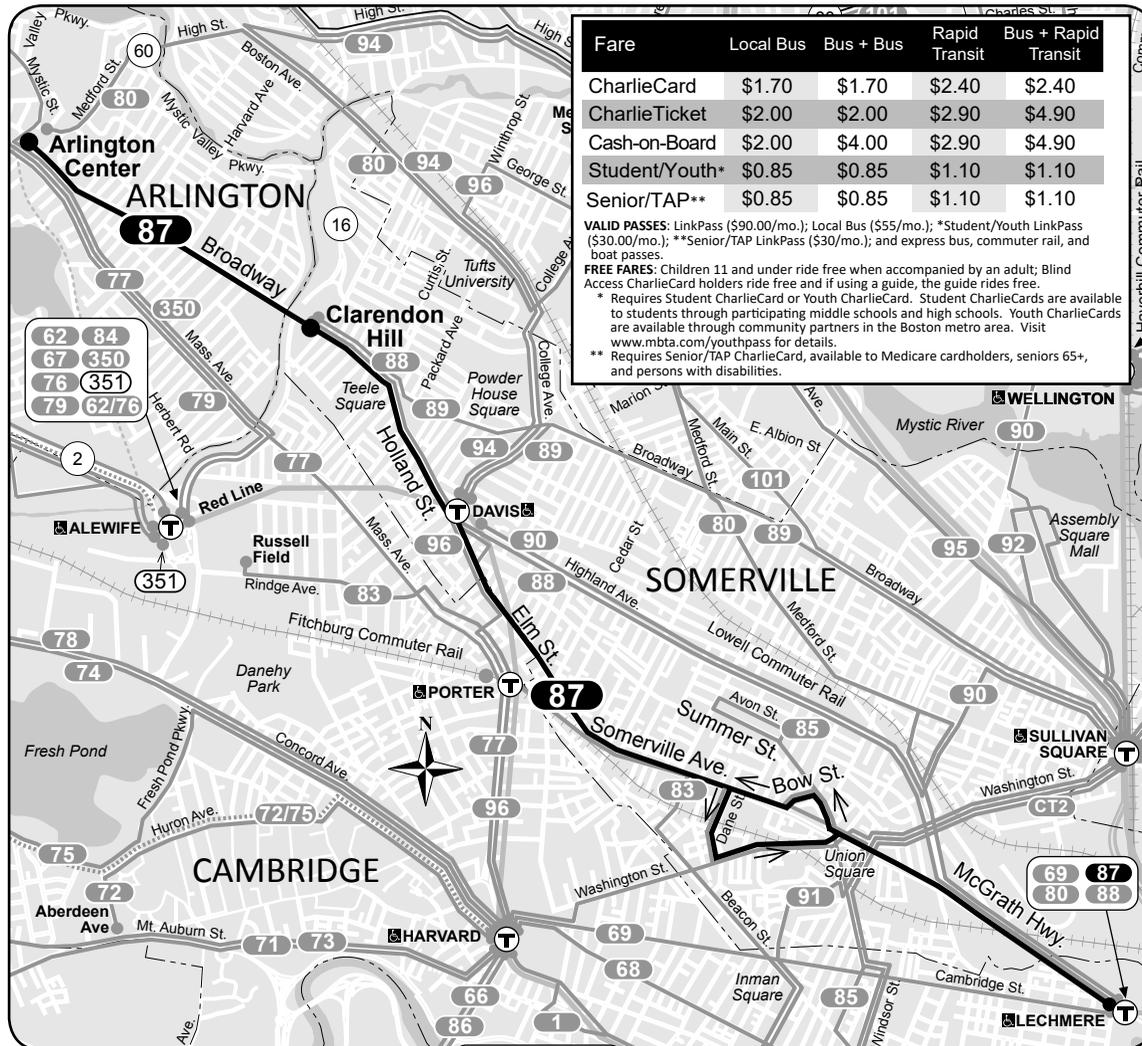
DCI anticipates that the information in this memorandum provides sufficient data to address all requirements set forth by the City of Somerville.

APPENDIX

PUBLIC TRANSPORTATION TRIP GENERATION

PUBLIC TRANSPORTATION

Route 87 Arlington Center or Clarendon Hill - Lechmere Station



Fare	Local Bus	Bus + Bus	Rapid Transit	Bus + Rapid Transit
CharlieCard	\$1.70	\$1.70	\$2.40	\$2.40
CharlieTicket	\$2.00	\$2.00	\$2.90	\$4.90
Cash-on-Board	\$2.00	\$4.00	\$2.90	\$4.90
Student/Youth*	\$0.85	\$0.85	\$1.10	\$1.10
Senior/TAP**	\$0.85	\$0.85	\$1.10	\$1.10

VALID PASSES: LinkPass (\$90.00/mo.); Local Bus (\$55/mo.); *Student/Youth LinkPass (\$30.00/mo.); **Senior/TAP LinkPass (\$30/mo.); and express bus, commuter rail, and boat passes.

FREE FARES: Children 11 and under ride free when accompanied by an adult; Blind Access CharlieCard holders ride free and if using a guide, the guide rides free.

* Requires Student CharlieCard or Youth CharlieCard. Student CharlieCards are available to students through participating middle schools and high schools. Youth CharlieCards are available through community partners in the Boston metro area. Visit www.mbta.com/youthpass for details.

** Requires Senior/TAP CharlieCard, available to Medicare cardholders, seniors 65+, and persons with disabilities.

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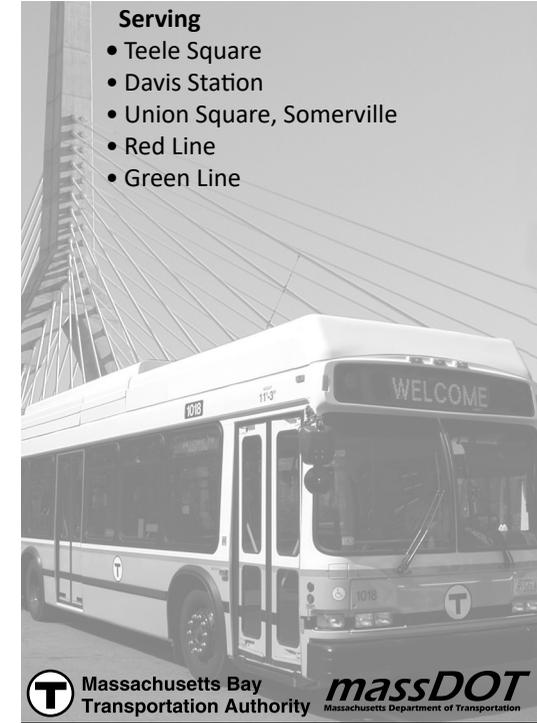
Effective June 23, 2019

Arlington Center or Clarendon Hill - Lechmere Station

New fares effective July 1, 2019

Serving

- Teele Square
- Davis Station
- Union Square, Somerville
- Red Line
- Green Line



T Massachusetts Bay Transportation Authority **massDOT**
Massachusetts Department of Transportation

Information 617-222-3200 • 1-800-392-6100
(TTY) 617-222-5146 • www.mbta.com

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Weekday

Inbound				Outbound			
Leave Arlington Center	Lv/Arrive Clarendon Hill	Arrive Davis Station	Arrive Lechmere Station	Leave Lechmere Station	Arrive Davis Station	Arrive Clarendon Hill	Arrive Arlington Center
.....	5:06A	5:10A	5:24A	5:29A	5:41A	5:45A	.....
.....	5:28	5:32	5:46	5:52	6:04	6:07	6:10A
.....	5:49	5:53	6:07	6:20	6:33	6:37	6:40
.....	6:05	6:09	6:23	6:32	6:47	6:51	6:54
6:15A	6:21	6:26	6:44	6:51	7:06	7:10	7:13
6:35	6:41	6:46	7:04	7:07	7:22	7:26	7:29
6:50	6:56	7:02	7:22	7:25	7:44	7:51	7:57
7:03	7:13	7:20	7:40	7:41	8:00	8:07	8:13
7:19	7:29	7:36	7:56	7:57	8:16	8:23	8:29
7:35	7:45	7:52	8:16	8:13	8:32	8:36	8:41
7:51	8:01	8:08	8:34	8:27	8:46	8:50	8:55
8:07	8:16	8:23	8:49	8:43	9:02	9:06	9:11
8:23	8:32	8:39	9:04	8:59	9:18	9:22	9:27
8:39	8:48	8:55	9:17	9:19	9:38	9:42	9:47
8:59	9:05	9:11	9:32	9:42	10:01	10:05	10:10
9:15	9:20	9:26	9:47	10:10	10:29	10:33	10:38
9:32	9:37	9:43	10:04	10:40	10:59	11:03	11:08
9:56	10:01	10:07	10:28	11:10	11:29	11:33	11:38
10:16	10:21	10:27	10:48	11:45	12:04	12:10P	12:15P
10:45	10:50	10:56	11:17				
11:15	11:20	11:26	11:47	12:10P	12:30P	12:36P	12:41P
11:45	11:50	11:56	12:17P	12:40	1:00	1:06	1:11
				1:10	1:30	1:36	1:41
12:20P	12:25P	12:31P	12:52P	1:40	2:00	2:06	2:11
12:50	12:55	1:01	1:22	2:10	2:30	2:36	2:41
1:20	1:25	1:31	1:52	2:39	2:59	3:05	3:10
1:55	2:00	2:06	2:27	3:00	3:20	3:26	3:31
2:20	2:25	2:31	2:54	3:20	3:40	3:46	3:51
2:40	2:45	2:51	3:14	3:40	4:00	4:06	4:11
3:00	3:05	3:11	3:34	4:00	4:20	4:26	4:31
3:20	3:25	3:31	3:54	4:20	4:42	4:51	4:56
3:40	3:45	3:51	4:14	4:40	5:02	5:11	5:16
4:00	4:05	4:11	4:34	5:00	5:22	5:31	5:36
4:20	4:25	4:31	4:54	5:20	5:42	5:51	5:56
4:40	4:45	4:51	5:14	5:40	6:02	6:11	6:16
4:57	5:02	5:08	5:31	6:00	6:22	6:31	6:36
5:17	5:22	5:28	5:51	6:20	6:42	6:51	6:56
5:37	5:42	5:48	6:11	6:40	7:02	7:07	7:12
5:57	6:02	6:08	6:31	7:00	7:19	7:24	7:29
6:17	6:22	6:28	6:51	7:25	7:44	7:49	7:54
6:37	6:42	6:48	7:11	7:55	8:14	8:19	.....
6:57	7:02	7:08	7:32	8:25	8:44	8:49	.....
7:20	7:25	7:31	7:52	8:55	9:14	9:19	.....
7:50	7:54	7:58	8:19	9:25	9:42	9:47	.....
.....	8:25	8:30	8:49	9:55	10:10	10:15	.....
.....	8:55	9:00	9:19	10:25	10:40	10:45	.....
.....	9:25	9:30	9:49	10:55	11:10	11:15	.....
.....	9:55	10:00	10:16	11:25	11:37	11:41	.....
.....	10:25	10:28	10:44	11:55	12:07A	12:11A	.....
.....	10:55	10:58	11:14	12:25A	12:37	12:41
.....	11:25	11:28	11:44	w 1:10	1:20	1:23
.....	11:55	11:58	12:14A				
.....	12:45A	12:48A	1:04				

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Saturday

Inbound				Outbound			
Leave Arlington Center	Lv/Arrive Clarendon Hill	Arrive Davis Station	Arrive Lechmere Station	Leave Lechmere Station	Arrive Davis Station	Arrive Clarendon Hill	Arrive Arlington Center
.....	5:15A	5:17A	5:32A	5:38A	5:49A	5:52A	5:57A
.....	5:45	5:47	6:02	6:11	6:22	6:25	6:30
6:10A	6:14	6:17	6:34	6:41	6:52	6:55	7:00
6:40	6:44	6:47	7:04	7:11	7:22	7:25	7:30
7:10	7:14	7:17	7:34	7:41	7:54	7:59	8:03
7:40	7:44	7:47	8:04	8:11	8:24	8:29	8:33
8:10	8:14	8:19	8:39	8:41	8:55	9:00	9:04
8:40	8:44	8:49	9:09	9:11	9:25	9:30	9:36
9:10	9:15	9:20	9:42	9:36	9:53	9:58	10:04
9:40	9:45	9:50	10:14	10:01	10:18	10:23	10:29
10:10	10:15	10:21	10:46	10:20	10:37	10:42	10:48
10:35	10:40	10:46	11:11	10:51	11:07	11:15	11:19
11:07	11:12	11:18	11:43	11:16	11:34	11:42	11:46
11:35	11:40	11:46	12:11P	11:42	12:00N	12:07P	12:12P
12:00N	12:05P	12:11P	12:36P	12:07P	12:24P	12:31P	12:36P
12:25P	12:30	12:36	1:01	12:32	12:49	12:56	1:01
12:50	12:55	1:01	1:26	12:57	1:14	1:21	1:26
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1:41	1:45	1:51	2:15	1:47	2:04	2:11	2:16
2:06	2:10	2:16	2:40	2:12	2:29	2:36	2:41
2:31	2:35	2:41	3:05	2:37	2:54	3:01	3:06
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3:21	3:25	3:31	3:55	3:27	3:44	3:51	3:56
3:46	3:50	3:55	4:19	3:52	4:09	4:16	4:21
4:11	4:15	4:20	4:44	4:17	4:34	4:41	4:46
4:36	4:40	4:45	5:09	4:42	4:59	5:06	5:11
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5:26	5:30	5:35	5:59	5:32	5:49	5:56	6:01
5:51	5:55	6:00	6:24	5:57	6:14	6:21	6:26
6:16	6:20	6:25	6:48	6:20	6:37	6:42	6:46
6:50	6:54	6:58	7:21	6:50	7:08	7:13	7:17
7:22	7:26	7:30	7:53	7:30	7:48	7:53	7:57
8:00	8:03	8:06	8:27	8:10	8:26	8:31	.....
.....	8:40	8:43	9:03	8:50	9:06	9:11	.....
.....	9:20	9:23	9:42	9:30	9:44	9:49	.....
.....	10:00	10:03	10:21	10:10	10:24	10:29	.....
.....	10:40	10:43	11:01	10:50	11:04	11:09	.....
.....	11:20	11:23	11:41	11:30	11:44	11:49	.....
.....	12:00M	12:03A	12:21A	12:10A	12:24A	12:29A	.....
.....	12:40A	12:43	1:01	w 1:05	1:19	1:24

Route 87
Arlington Ctr or Clarendon Hill - Lechmere Sta.

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Sunday

Inbound			Outbound		
Leave Clarendon Hill	Arrive Davis Station	Arrive Lechmere Station	Leave Lechmere Station	Arrive Davis Station	Arrive Clarendon Hill
6:00A	6:03A	6:18A	6:40A	6:53A	6:56A
7:00	7:03	7:18	7:40	7:53	7:56
8:00	8:03	8:18	8:40	8:56	9:00
8:55	8:58	9:16	9:35	9:51	9:55
9:27	9:30	9:48	10:15	10:32	10:36
10:05	10:09	10:30	10:55	11:12	11:16
10:45	10:49	11:10	11:35	11:52	11:58
11:25	11:29	11:52			
			12:15P	12:33P	12:37P
12:05P	12:09P	12:32P	12:55	1:15	1:19
12:45	12:49	1:12	1:35	1:55	1:59
1:25	1:29	1:52	2:15	2:35	2:39
2:05	2:09	2:32	2:55	3:15	3:19
2:45	2:49	3:12	3:35	3:55	3:59
3:25	3:29	3:52	4:15	4:35	4:39
4:05	4:09	4:32	4:55	5:14	5:19
4:45	4:49	5:11	5:35	5:54	5:59
5:25	5:29	5:51	6:15	6:34	6:39
6:05	6:09	6:29	6:55	7:14	7:19
6:45	6:49	7:09	7:35	7:52	7:57
7:25	7:29	7:49	8:15	8:32	8:37
8:05	8:08	8:26	8:55	9:10	9:14
8:45	8:48	9:06	9:35	9:49	9:53
9:25	9:28	9:46	10:15	10:29	10:33
10:05	10:08	10:26	10:50	11:03	11:07
10:45	10:48	11:04	11:30	11:42	11:46
11:20	11:23	11:38	12:00M	12:12A	12:16A
11:55	11:58	12:13A	12:30A	12:39	12:43
12:25A	12:28A	12:43	w 1:00	1:09	1:13

w- Waits for last trolley to arrive at Lechmere Station.

All buses are accessible to persons with disabilities

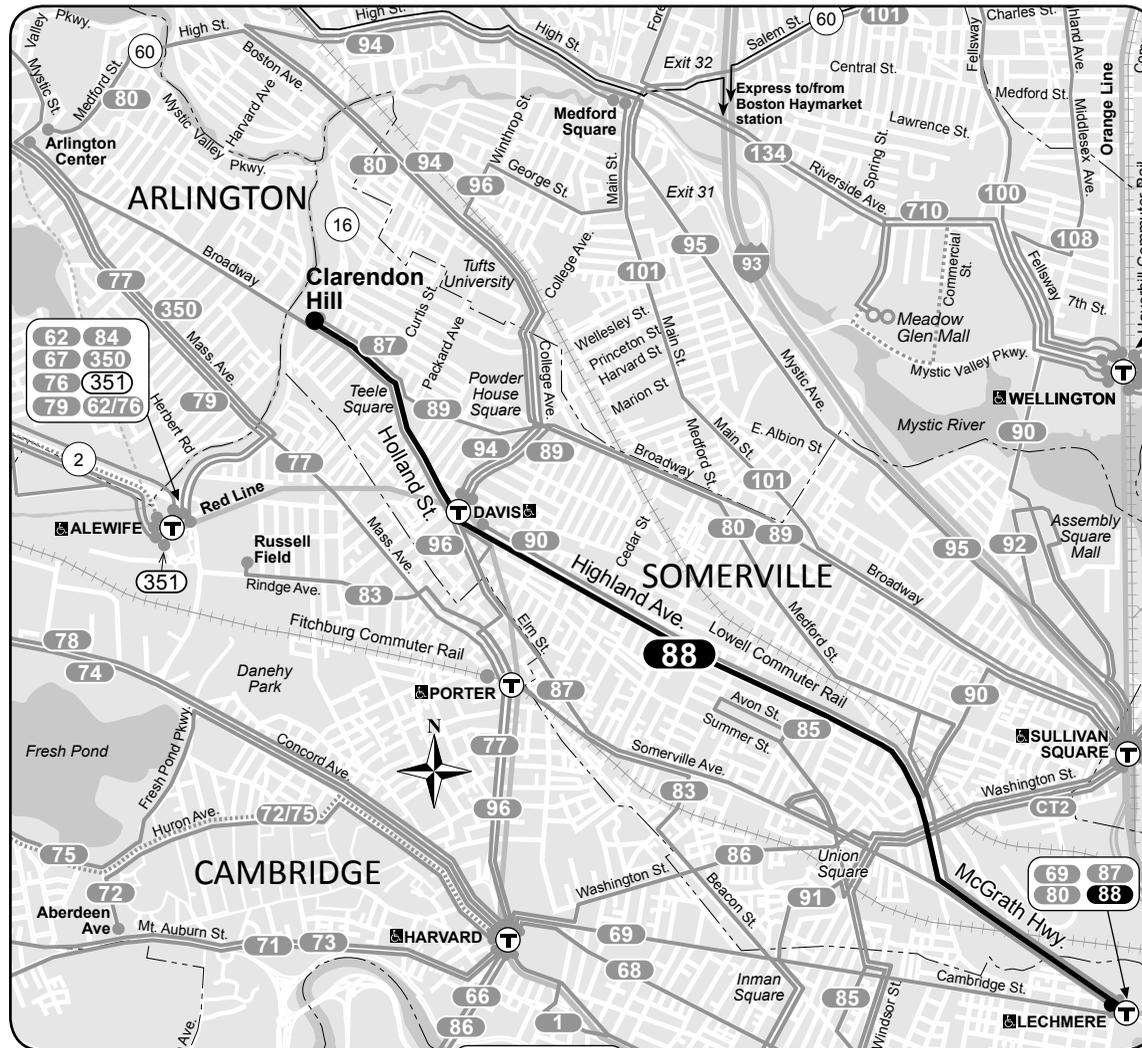
Route Note:

From approximately late February 2019 through late July 2019, Route 87 inbound is diverted and omits Somerville Ave @ Union Square stop due to construction. Please board on Somerville Ave opp Loring St or at the temporary bus stop located on Washington St @ Kingman Rd.

Fares on map side.

Summer 2019 Holidays<

Route 88 Clarendon Hill - Lechmere Station



88

Effective June 23, 2019

Clarendon Hill- Lechmere Station

New fares effective July 1, 2019

Serving

- Teele Square
- Davis Station
- Somerville City Hospital
- Somerville High School
- Somerville City Hall
- Green Line
- Red Line



 Massachusetts Bay Transportation Authority *massDOT*
Massachusetts Department of Transportation

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88

Weekday

Inbound				Outbound			
Leave Clarendon Hill	Arrive Davis Square	Arrive Somerville High School	Arrive Lechmere Station	Leave Lechmere Station	Arrive Somerville High School	Arrive Davis Square	Arrive Clarendon Hill
5:16A	5:19A	5:25A	5:32A	5:37A	5:43A	5:49A	5:53A
5:41	5:44	5:50	5:57	6:07	6:15	6:23	6:27
5:57	6:00	6:06	6:13	6:26	6:34	6:42	6:46
6:13	6:16	6:22	6:29	6:39	6:47	6:55	6:59
6:31	6:37	6:45	6:56	6:58	7:06	7:14	7:18
6:50	6:56	7:04	7:15	7:14	7:22	7:31	7:36
7:06	7:12	7:20	7:30	7:30	7:38	7:48	7:53
7:22	7:28	7:38	7:49	7:46	7:54	8:04	8:09
7:38	7:45	7:56	8:07	8:02	8:10	8:20	8:25
7:54	8:01	8:12	8:23	8:18	8:26	8:36	8:41
8:10	8:17	8:28	8:39	8:34	8:42	8:52	8:57
8:26	8:33	8:44	8:55	8:50	8:58	9:08	9:13
8:41	8:48	8:59	9:09	9:06	9:14	9:24	9:29
8:58	9:03	9:13	9:23	9:32	9:40	9:50	9:55
9:14	9:18	9:28	9:38	9:55	10:03	10:13	10:18
9:29	9:33	9:43	9:53	10:25	10:33	10:43	10:48
9:50	9:54	10:04	10:14	10:57	11:05	11:15	11:20
10:15	10:19	10:29	10:39	11:20	11:28	11:38	11:43
10:40	10:44	10:54	11:04	11:35	11:43	11:53	11:58
11:05	11:09	11:19	11:29				
11:35	11:39	11:49	11:59				
11:55	11:59	12:09P	12:19P				
				12:00N	12:08P	12:18P	12:23P
				12:30P	12:38	12:48	12:53
				1:00	1:08	1:18	1:23
				1:15	1:23	1:33	1:38
				1:35	1:43	1:53	1:58
				1:55	2:03	2:13	2:18
				2:15	2:23	2:33	2:38
				2:35	2:45	2:55	3:00
				2:50	3:00	3:10	3:15
				3:10	3:20	3:30	3:35
				3:30	3:40	3:50	3:55
				3:50	4:00	4:10	4:15
				4:10	4:20	4:30	4:35
				4:30	4:40	4:50	4:55
				4:50	5:00	5:12	5:21
				5:10	5:21	5:33	5:42
				5:30	5:41	5:53	6:01
				5:50	6:01	6:12	6:17
				6:10	6:20	6:31	6:36
				6:30	6:40	6:51	6:56
				6:50	7:00	7:11	7:16
				7:10	7:20	7:31	7:35
				7:40	7:47	7:57	8:01
				8:10	8:17	8:27	8:31
				8:40	8:47	8:57	9:01
				Every 30 Minutes	Until		
				11:40	11:46	11:53	11:57
				12:10A	12:15A	12:21A	12:24A
				12:40	12:45	12:51	12:54
				w 1:00	1:05	1:11	1:14
12:15P	12:19P	12:29P	12:39P				
12:35	12:39	12:49	12:59				
1:00	1:04	1:14	1:24				
1:15	1:19	1:29	1:39				
1:35	1:39	1:49	1:59				
1:50	1:54	2:04	2:14				
2:15	2:19	2:29	2:39				
2:35	2:39	2:49	2:59				
2:55	2:59	3:09	3:19				
3:15	3:19	3:29	3:39				
3:35	3:39	3:49	3:59				
3:55	3:59	4:09	4:19				
4:15	4:19	4:29	4:39				
4:35	4:39	4:49	4:59				
4:55	4:59	5:09	5:19				
5:15	5:19	5:29	5:39				
5:35	5:40	5:51	6:01				
5:55	6:00	6:11	6:21				
6:15	6:20	6:31	6:41				
6:35	6:40	6:51	7:01				
6:55	7:00	7:11	7:21				
7:15	7:20	7:30	7:39				
7:43	7:47	7:55	8:04				
8:11	8:15	8:23	8:32				
8:40	8:44	8:52	9:01				
Every 30 Minutes	Until						
11:40	11:43	11:50	11:58				
12:15A	12:17A	12:23A	12:30A				
12:35	12:37	12:43	12:50				

88

Saturday

Inbound				Outbound			
Leave Clarendon Hill	Arrive Davis Square	Arrive Somerville High School	Arrive Lechmere Station	Leave Lechmere Station	Arrive Somerville High School	Arrive Davis Square	Arrive Clarendon Hill
5:30A	5:32A	5:37A	5:46A	5:55A	6:00A	6:06A	6:11A
6:00	6:02	6:07	6:16	6:25	6:30	6:36	6:41
6:30	6:32	6:37	6:46	6:55	7:00	7:06	7:11
7:00	7:02	7:07	7:16	7:25	7:30	7:36	7:41
7:30	7:32	7:37	7:46	7:55	8:00	8:08	8:12
8:00	8:02	8:07	8:16	8:25	8:30	8:38	8:43
8:30	8:32	8:40	8:49	8:55	9:01	9:09	9:14
9:00	9:02	9:10	9:19	9:25	9:31	9:39	9:44
9:30	9:32	9:41	9:52	9:55	10:01	10:12	10:16
10:00	10:02	10:11	10:22	10:30	10:36	10:47	10:51
10:30	10:32	10:41	10:52	11:02	11:08	11:19	11:23
11:00	11:02	11:11	11:22	11:30	11:36	11:47	11:51
11:31	11:34	11:45	11:55	11:55	12:01P	12:12P	12:16P
11:56	11:59	12:10P	12:20P				
				12:20P	12:26P	12:37P	12:41P
				12:45	12:51	1:02	1:06
				1:10	1:16	1:27	1:31
				1:35	1:41	1:52	1:56
				2:00	2:06	2:17	2:21
				2:25	2:31	2:42	2:46
				2:50	2:56	3:07	3:11
				3:15	3:21	3:32	3:36
				3:40	3:46	3:57	4:01
				4:05	4:11	4:22	4:26
				4:30	4:36	4:47	4:51
				4:55	5:01	5:12	5:16
				5:20	5:26	5:36	5:41
				5:45	5:51	6:00	6:05
				6:10	6:16	6:25	6:30
				6:35	6:41	6:50	6:55
				7:10	7:16	7:25	7:30
				7:50	7:56	8:05	8:10
				8:30	8:36	8:45	8:50
				9:10	9:16	9:25	9:30
				9:50	9:56	10:03	10:08
				Every 40 Minutes	Until		
				11:50	11:55	12:01A	12:07A
				12:30A	12:35A	12:41	12:47
				w 1:00	1:04	1:10	1:14

w - Waits for last trolley to arrive at Lechmere Station.

All buses are accessible to persons with disabilities

Route 88
Clarendon Hill-Lechmere Station

88

Sunday

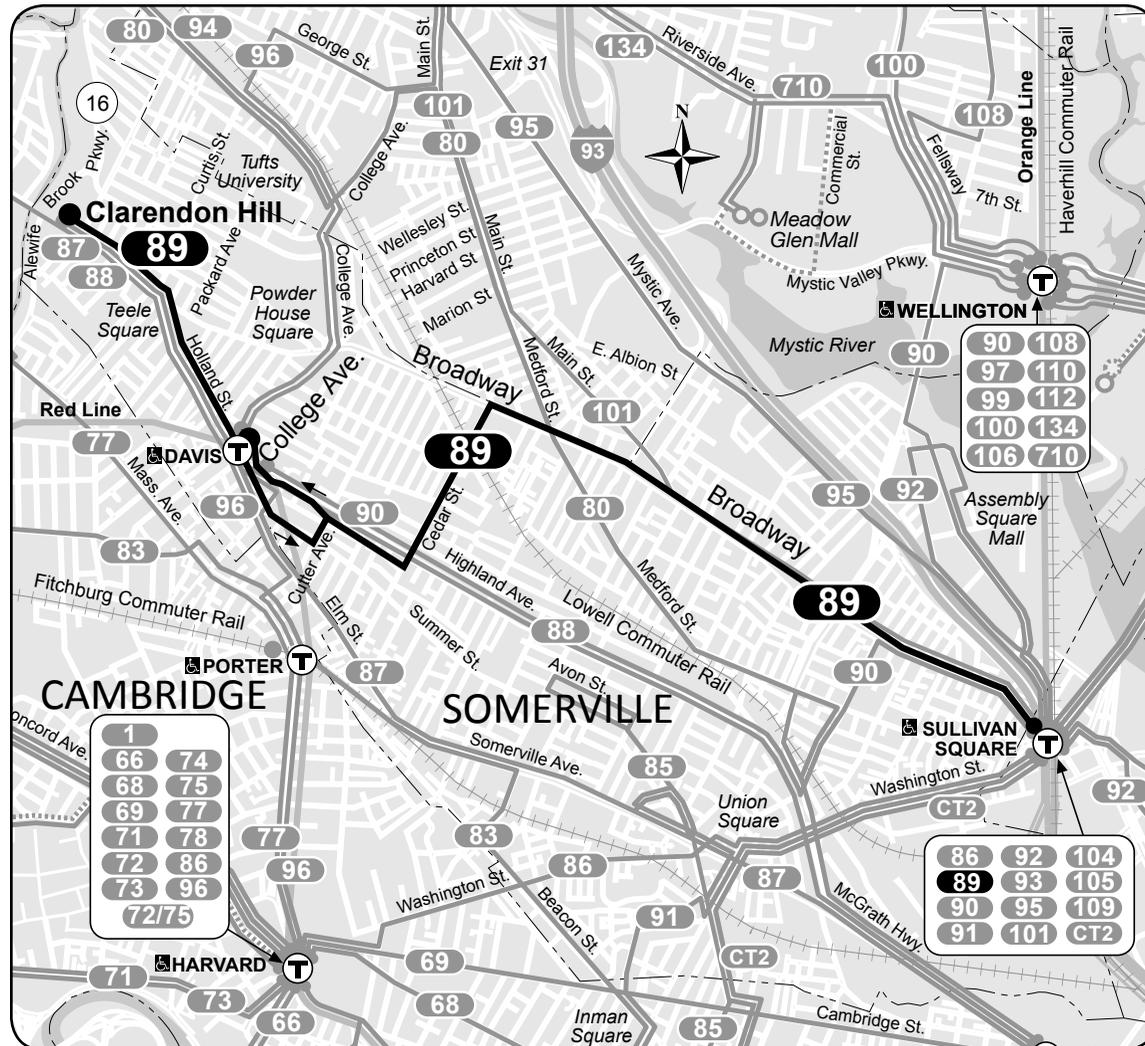
Inbound				Outbound			
Leave Clarendon Hill	Arrive Davis Square	Arrive Somerville High School	Arrive Lechmere Station	Leave Lechmere Station	Arrive Somerville High School	Arrive Davis Square	Arrive Clarendon Hill
6:40A	6:43A	6:49A	6:56A	6:20A	6:26A	6:33A	6:36A
7:40	7:43	7:49	7:56	7:20	7:26	7:33	7:36
8:40	8:43	8:50	8:58	8:20	8:26	8:33	8:36
9:10	9:13	9:20	9:28	9:20	9:26	9:34	9:37
9:45	9:48	9:55	10:03	9:58	10:04	10:13	10:16
10:25	10:29	10:38	10:48	10:38	10:45	10:54	10:59
11:05	11:09	11:18	11:28	11:18	11:25	11:34	11:39
11:45	11:49	11:58	12:08P	11:58	12:05P	12:14P	12:19P
				12:25P	12:29P	12:39P	12:49P
				12:38P	12:45P	12:54P	12:59P
				1:05	1:09	1:19	1:29
				1:18	1:25	1:35	1:41
				1:45	1:49	1:59	2:09
				1:58	2:05	2:14	2:20
				2:25	2:29	2:39	2:49
				2:38	2:45	2:54	3:00
				3:05	3:09	3:19	3:29
				3:18	3:25	3:34	3:40
				3:45	3:49	3:59	4:08
				4:02	4:05	4:14	4:20
				4:25	4:29	4:38	4:47
				4:38	4:45	4:54	5:00
				5:05	5:09	5:18	5:27
				5:45	5:49	5:58	6:07
				6:25	6:29	6:38	6:47
				7:05	7:09	7:17	7:26
				7:45	7:48	7:56	8:04
				8:25	8:28	8:36	8:44
				9:05	9:08	9:16	9:24
				9:45	9:48	9:56	10:04
				10:25	10:28	10:35	10:44
				10:35	10:40	10:47	10:52
				11:00	11:03	11:10	11:19
				11:10	11:15	11:22	11:27
				11:35	11:38	11:45	11:54
				11:50	11:55	12:01A	12:05A
				12:10A	12:13A	12:18A	12:25A
				12:40	12:43	12:48	12:55
				w 1:00	1:05	1:11	1:15

Fare	Local Bus	Bus + Bus	Rapid Transit	Bus + Rapid Transit
CharlieCard	\$1.70	\$1.70	\$2.40	\$2.40
CharlieTicket	\$2.00	\$2.00	\$2.90	\$4.90
Cash-on-Board	\$2.00	\$4.00	\$2.90	\$4.90
Student/Youth*	\$0.85	\$0.85	\$1.10	\$1.10
Senior/TAP**	\$0.85	\$0.85	\$1.10	\$1.10

VALID PASSES: LinkPass (\$90.00/mo.); Local Bus (\$55/mo.); *Student/Youth LinkPass (\$30.00/mo.); **Senior/TAP LinkPass (\$30/mo.); and express bus, commuter rail, and boat passes.
FREE FARES: Children 11 and under ride free when accompanied by an adult; Blind Access CharlieCard holders ride free and if using a guide, the guide rides free.
 * Requires Student CharlieCard or Youth CharlieCard. Student CharlieCards are available to students through participating middle schools and high schools. Youth CharlieCards are available through community partners in the Boston metro area. Visit www.mbta.com/youthpass for details.
 ** Requires Senior/TAP CharlieCard, available to Medicare cardholders, seniors 65+, and persons with disabilities.

Summer 2019 Holidays
7/4/19: see Sunday 9/2/19: see Sunday

Route 89 Clarendon Hill or Davis Square - Sullivan Square Station



schedule change

89

Effective June 23, 2019

Clarendon Hill or Davis Square-Sullivan Sq. Station

New fares effective July 1, 2019

Serving

- Teele Square
- Powder House Square
- Magoun Square
- Winter Hill
- Red Line
- Orange Line



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Massachusetts Department of Transportation

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89 Weekday							
Inbound				Outbound			
Leave Clarendon Hill	Leave Davis Square	Arrive Winter Hill	Arrive Sullivan Station	Leave Sullivan Station	Arrive Winter Hill	Arrive Davis Square	Arrive Clarendon Hill
a 4:31A	4:34A	4:41A	4:50A	5:23A	5:32A	5:38A	5:42A
5:00	5:03	5:10	5:19	6:00	6:11	6:19	.....
.....	5:40	5:47	5:56	6:15	6:26	6:34	6:38
5:48	5:51	5:58	6:07	6:31	6:42	6:50	.....
.....	6:06	6:17	6:26	6:47	6:58	7:07	7:13
6:17	6:21	6:32	6:41	7:06	7:18	7:27	.....
.....	6:36	6:47	6:56	7:22	7:34	7:43	7:49
6:47	6:51	7:02	7:14	7:38	7:50	7:59	.....
.....	7:05	7:18	7:30	7:54	8:06	8:15	8:21
7:11	7:21	7:34	7:46	8:09	8:21	8:30	.....
.....	7:36	7:49	8:02	8:25	8:37	8:46	.....
7:41	7:51	8:05	8:20	8:40	8:52	9:01	9:07
.....	8:06	8:21	8:36	9:01	9:13	9:22	9:28
8:11	8:21	8:36	8:51	9:11	9:23	9:32	.....
.....	8:36	8:51	9:05	9:27	9:39	9:48	9:54
8:42	8:52	9:06	9:18	9:37	9:49	9:58	.....
.....	9:08	9:21	9:33	9:53	10:05	10:14	10:20
9:22	9:31	9:44	9:56	10:33	10:45	10:54	.....
.....	10:04	10:17	10:29	11:13	11:25	11:34	11:40
10:28	10:37	10:50	11:02	11:53	12:05P	12:14P	.....
.....	11:17	11:30	11:42	.....	.....	.....	.....
11:48	11:56	12:10P	12:22P	12:33P	12:45P	12:54P	1:00P
.....	12:36P	12:50P	1:02P	1:13	1:25	1:34	.....
1:08P	1:16	1:30	1:42	1:53	2:05	2:15	2:23
.....	1:56	2:10	2:22	2:43	2:55	3:05	.....
2:28	2:36	2:50	3:02	3:08	3:20	3:30	3:38
.....	3:16	3:30	3:43	3:26	3:38	3:48	3:56
3:44	3:49	4:04	4:17	3:44	3:56	4:06	.....
3:59	4:04	4:19	4:32	4:24	4:37	4:50	5:00
.....	4:19	4:34	4:47	4:59	5:12	5:25	.....
4:29	4:34	4:49	5:02	5:09	5:22	5:35	5:45
.....	4:49	5:04	5:16	5:19	5:32	5:45	.....
.....	5:04	5:21	5:33	5:39	5:52	6:05	.....
5:08	5:14	5:31	5:43	5:51	6:04	6:17	6:27
.....	5:29	5:46	5:58	6:03	6:16	6:29	.....
.....	5:39	5:56	6:08	6:14	6:27	6:40	.....
.....	5:49	6:06	6:18	6:27	6:40	6:53	.....
5:53	5:59	6:16	6:28	6:40	6:53	7:03	7:09
.....	6:14	6:31	6:43	6:53	7:05	7:14	.....
.....	6:29	6:46	6:58	7:06	7:17	7:26	.....
6:38	6:44	7:01	7:10	7:21	7:32	7:41	.....
.....	6:59	7:12	7:21	7:36	7:47	7:56	8:02
.....	7:44	7:57	8:06	8:16	8:27	8:36	.....
.....	8:44	8:57	9:06	9:12	9:23	9:30	.....
.....	9:44	9:57	10:06	10:08	10:17	10:23	.....
.....	10:30	10:43	10:52	10:54	11:03	11:09	.....
.....	11:15	11:28	11:37	11:40	11:49	11:55	.....
.....	12:00M	12:13A	12:22A	12:26A	12:35A	12:41A	.....
.....	12:45A	12:58	1:07	w 1:12	1:21	1:27	1:31A

89 Saturday							
Inbound				Outbound			
Leave Clarendon Hill	Leave Davis Square	Arrive Winter Hill	Arrive Sullivan Station	Leave Sullivan Station	Arrive Winter Hill	Arrive Davis Square	Arrive Clarendon Hill
a 4:33A	4:38A	4:46A	4:52A	5:15A	5:22A	5:29A	.....
.....	5:35	5:41	5:47	6:00	6:09	6:16	.....
.....	6:20	6:29	6:37	6:30	6:39	6:46	.....
.....	6:50	6:59	7:07	6:45	6:54	7:02	7:08A
7:15	7:20	7:29	7:37	7:15	7:24	7:34	.....
.....	7:45	7:54	8:02	7:45	7:54	8:04	.....
.....	8:15	8:26	8:35	8:15	8:24	8:34	8:40
8:50	8:55	9:08	9:20	8:50	8:59	9:09	.....
.....	9:20	9:34	9:46	9:30	9:39	9:49	.....
.....	10:00	10:14	10:26	9:59	10:08	10:21	10:30
10:36	10:45	10:59	11:11	10:45	10:54	11:07	.....
.....	11:15	11:29	11:41	11:25	11:34	11:47	.....
.....	11:55	12:09P	12:21P	11:49	11:58	12:12P	12:23P
12:30P	12:39P	12:53P	1:05P	12:35P	12:45P	12:59P	.....
.....	1:05	1:19	1:31	1:15	1:25	1:39	.....
.....	1:45	1:59	2:11	1:38	1:48	2:02	2:13P
2:20	2:29	2:43	2:55	2:25	2:35	2:49	.....
.....	2:55	3:09	3:19	3:05	3:15	3:29	.....
.....	3:35	3:49	3:59	3:28	3:38	3:52	4:03
4:10	4:19	4:33	4:43	4:15	4:25	4:39	.....
.....	4:50	5:04	5:14	4:55	5:07	5:20	.....
.....	5:30	5:44	5:54	5:21	5:34	5:47	5:58
6:05	6:14	6:28	6:38	6:05	6:18	6:31	.....
.....	6:40	6:54	7:04	6:50	6:59	7:11	.....
.....	7:20	7:32	7:41	7:50	7:59	8:11	.....
.....	8:25	8:37	8:46	8:55	9:04	9:16	.....
.....	9:30	9:42	9:51	10:00	10:09	10:21	.....
.....	10:30	10:42	10:51	11:00	11:09	11:19	.....
.....	11:30	11:41	11:49	12:05A	12:14A	12:24A	.....
.....	12:30A	12:41A	12:49A	w 1:10	1:19	1:29	1:35A

Route/Schedule Change Note:
Starting early Spring 2019 for approximately one year, the Broadway Bridge at Ball Square will be closed to allow for construction of the Green Line extension. Route 89 is temporarily detoured via Cedar St, Highland Ave and Holland St.

a - Through service to downtown Boston from Clarendon Hill.
b - Leaves from Haymarket Station at 5:48 am to Clarendon Hill
w - Waits for last train to arrive at Sullivan Station.

Route 89 Clarendon Hill or Davis Square- Sullivan Square Station

89 Sunday					
Inbound			Outbound		
Leave Davis Square	Arrive Winter Hill	Arrive Sullivan Station	Leave Sullivan Station	Arrive Winter Hill	Arrive Davis Square
a 5:19A	5:28A	5:35A	b 6:00A	6:07A	6:18A
6:25	6:32	6:39	7:00	7:07	7:15
7:25	7:32	7:40	8:00	8:09	8:19
8:26	8:35	8:43	9:00	9:09	9:19
9:35	9:45	9:56	10:10	10:21	10:33
10:45	10:55	11:07	11:20	11:31	11:43
11:52	12:03P	12:16P	.....	.....	.....
.....	.....	.....	12:30P	12:40P	12:53P
1:05P	1:16P	1:29P	1:40	1:50	2:03
2:15	2:26	2:39	2:50	3:00	3:13
3:25	3:36	3:49	4:00	4:11	4:24
4:35	4:48	4:57	5:10	5:21	5:34
5:45	5:58	6:07	6:20	6:31	6:44
6:55	7:07	7:16	7:30	7:40	7:52
8:05	8:17	8:26	8:40	8:50	9:01
9:15	9:25	9:33	9:50	10:00	10:09
10:25	10:34	10:41	11:00	11:08	11:17
11:25	11:34	11:41	12:00M	12:08A	12:17A
12:25A	12:33A	12:39A	w 1:00A	1:08	1:17

All buses are accessible to persons with disabilities

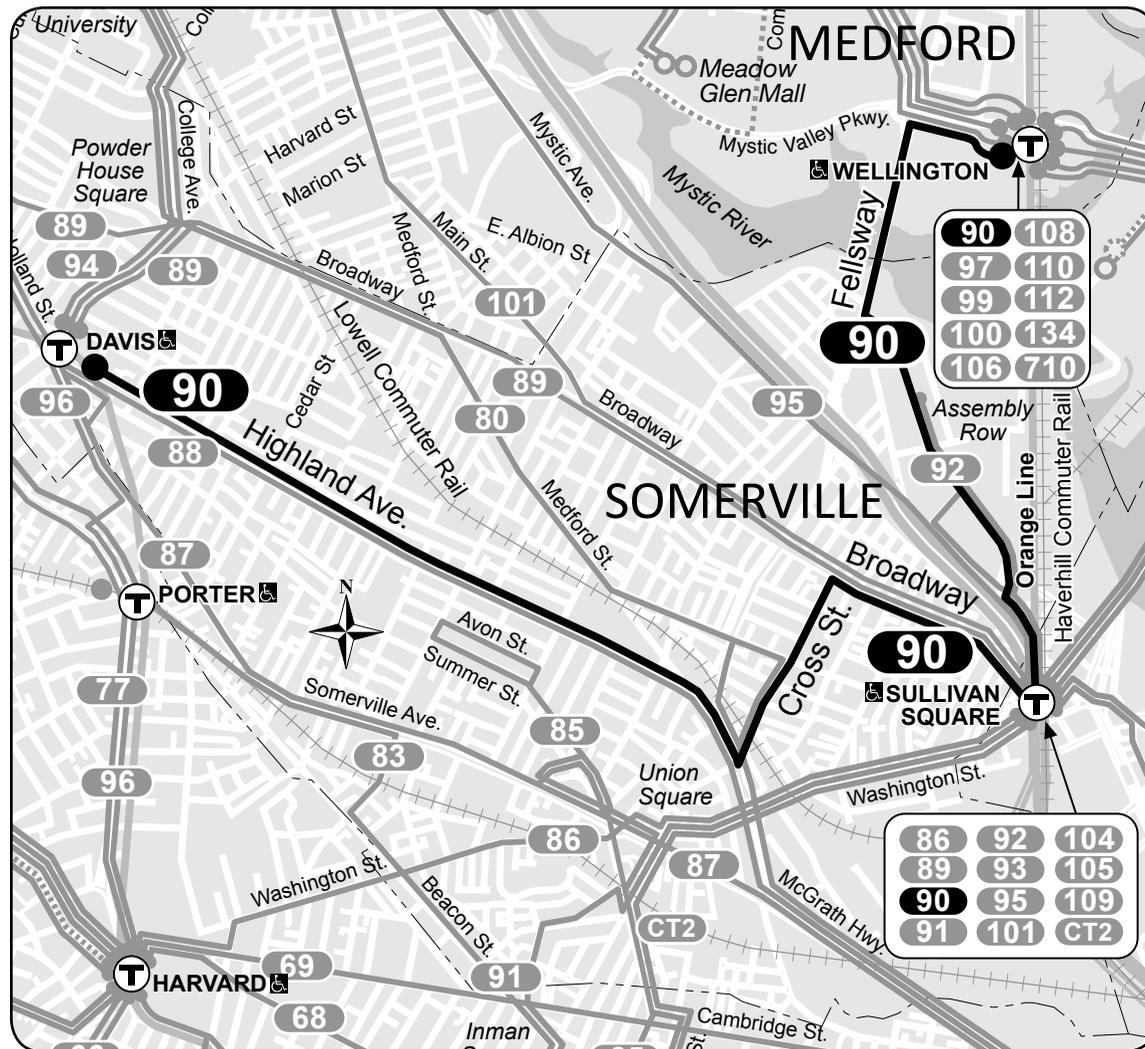


Fare	Local Bus	Bus + Bus	Rapid Transit	Bus + Rapid Transit
CharlieCard	\$1.70	\$1.70	\$2.40	\$2.40
CharlieTicket	\$2.00	\$2.00	\$2.90	\$4.90
Cash-on-Board	\$2.00	\$4.00	\$2.90	\$4.90
Student/Youth*	\$0.85	\$0.85	\$1.10	\$1.10
Senior/TAP**	\$0.85	\$0.85	\$1.10	\$1.10

VALID PASSES: LinkPass (\$90.00/mo.); Local Bus (\$55/mo.); *Student/Youth LinkPass (\$30.00/mo.); **Senior/TAP LinkPass (\$30/mo.); and express bus, commuter rail, and boat passes.
FREE FARES: Children 11 and under ride free when accompanied by an adult; Blind Access CharlieCard holders ride free and if using a guide, the guide rides free.
* Requires Student CharlieCard or Youth CharlieCard. Student CharlieCards are available to students through participating middle schools and high schools. Youth CharlieCards are available through community partners in the Boston metro area. Visit www.mbta.com/youthpass for details.
** Requires Senior/TAP CharlieCard, available to Medicare cardholders, seniors 65+, and persons with disabilities.

Summer 2019 Holidays
7/4/19: see Sunday 9/2/19: see Sunday

Route 90 Davis Square - Wellington Station



90

Effective June 23, 2019

Davis Square-Wellington Station

New fares effective July 1, 2019

Serving

- Assembly Square Mall
- Sullivan Square Station
- Somerville City Hospital
- Somerville High School
- Somerville City Hall
- Orange Line
- Red Line



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90 Weekday					
Inbound			Outbound		
Leave Davis Square	Arrive Sullivan Station	Arrive Wellington Station	Leave Wellington Station	Arrive Sullivan Station	Arrive Davis Square
6:30A	6:50A	7:07A	7:12A	7:29A	7:55A
7:15	7:35	7:52	8:05	8:22	8:42
8:00	8:22	8:41	8:50	9:04	9:21
8:45	9:07	9:26	9:35	9:49	10:06
9:30	9:52	10:11	10:20	10:34	10:51
10:15	10:37	10:56	11:05	11:19	11:36
11:00	11:22	11:41	11:50	12:04P	12:21P
11:45	12:07P	12:26P			
			12:35P	12:49P	1:06P
12:30P	12:52P	1:11P	1:20	1:34	1:51
1:15	1:37	1:56	2:05	2:20	2:43
2:00	2:22	2:41	2:50	3:05	3:28
2:50	3:13	3:33	3:40	3:55	4:18
3:40	4:04	4:24	4:30	4:45	5:08
4:30	4:54	5:14	5:20	5:35	5:58
5:20	5:43	6:02	6:10	6:25	6:48
6:10	6:32	6:51	7:00	7:13	7:32
7:00	7:22	7:38	7:45	7:58	8:13
7:58	8:12	8:25	8:40	8:50	9:05
9:15	9:34	9:49	10:00	10:10	10:25

90 Saturday					
Inbound			Outbound		
Leave Davis Square	Arrive Sullivan Station	Arrive Wellington Station	Leave Wellington Station	Arrive Sullivan Station	Arrive Davis Square
7:30A	7:43A	7:49A	8:05A	8:14A	8:28A
8:40	8:53	8:59	9:10	9:19	9:33
9:45	10:01	10:08	10:20	10:29	10:43
10:55	11:11	11:18	11:30	11:39	11:53
12:05P	12:24P	12:31P	12:40P	12:49P	1:03P
1:15	1:36	1:44	1:50	2:04	2:21
2:25	2:46	2:54	3:00	3:14	3:31
3:35	3:56	4:04	4:10	4:24	4:40
4:45	5:06	5:14	5:20	5:33	5:49
5:55	6:13	6:21	6:30	6:42	6:57
7:05	7:23	7:31	7:40	7:52	8:07
8:15	8:32	8:38	8:50	9:02	9:17
9:25	9:42	9:48	10:00	10:11	10:24

90 Sunday					
Inbound			Outbound		
Leave Davis Square	Arrive Sullivan Station	Arrive Wellington Station	Leave Wellington Station	Arrive Sullivan Station	Arrive Davis Square
10:30A	10:47A	10:56A	11:05A	11:17A	11:33A
11:40	11:58	12:07P			
			12:15P	12:27P	12:46P
12:50P	1:11P	1:20P	1:25	1:37	1:53
2:00	2:20	2:32	2:35	2:48	3:04
3:10	3:28	3:39	3:45	3:56	4:12
4:20	4:39	4:47	4:55	5:07	5:22
5:30	5:48	5:56	6:00	6:10	6:24

**Route 90
Davis Square-Wellington Station**

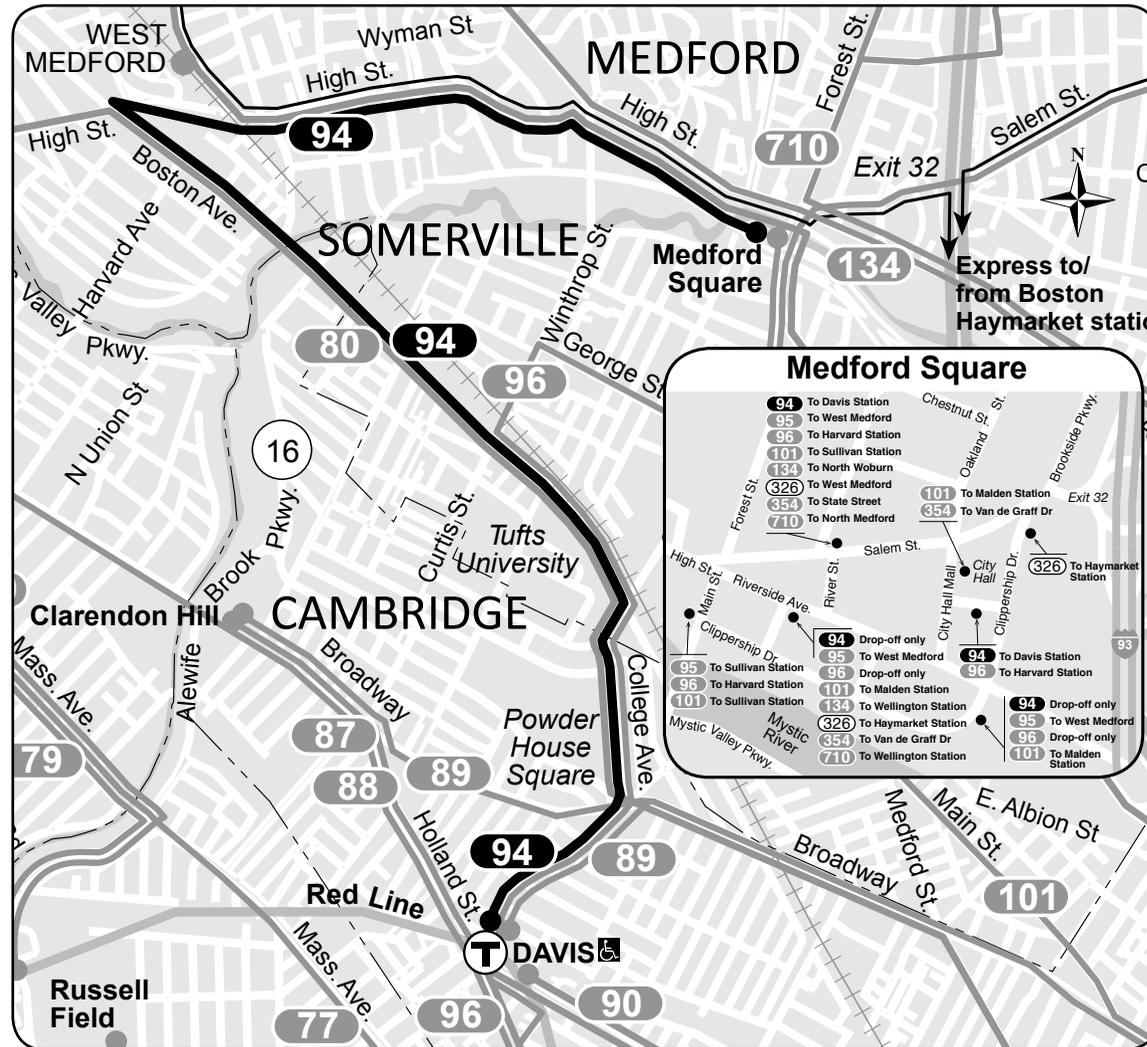
 All buses are accessible to persons with disabilities

Fare	   			
	Local Bus	Bus + Bus	Rapid Transit	Bus + Rapid Transit
CharlieCard	\$1.70	\$1.70	\$2.40	\$2.40
CharlieTicket	\$2.00	\$2.00	\$2.90	\$4.90
Cash-on-Board	\$2.00	\$4.00	\$2.90	\$4.90
Student/Youth*	\$0.85	\$0.85	\$1.10	\$1.10
Senior/TAP**	\$0.85	\$0.85	\$1.10	\$1.10

VALID PASSES: LinkPass (\$90.00/mo.); Local Bus (\$55/mo.); *Student/Youth LinkPass (\$30.00/mo.); **Senior/TAP LinkPass (\$30/mo.); and express bus, commuter rail, and boat passes.
FREE FARES: Children 11 and under ride free when accompanied by an adult; Blind Access CharlieCard holders ride free and if using a guide, the guide rides free.
 * Requires Student CharlieCard or Youth CharlieCard. Student CharlieCards are available to students through participating middle schools and high schools. Youth CharlieCards are available through community partners in the Boston metro area. Visit www.mbta.com/youthpass for details.
 ** Requires Senior/TAP CharlieCard, available to Medicare cardholders, seniors 65+, and persons with disabilities.

Summer 2019 Holidays
7/4/19: see Sunday 9/2/19: see Sunday

Route 94 Medford Square - Davis Square Station



schedule change

94

Effective June 23, 2019

Medford Square- Davis Square Station

New fares effective July 1, 2019

Serving

- Medford City Hall
- Winthrop Circle
- West Medford
- Medford Hillside
- Tufts University
- Powder House Square
- Red Line



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94 Weekday					
Inbound			Outbound		
Leave Medford Square	Arrive Powder House Sq.	Arrive Davis Square	Leave Davis Square	Arrive Powder House Sq.	Arrive Medford Square
5:19A	5:31A	5:37A	5:41A	5:43A	5:55A
5:49	6:02	6:09	6:17	6:20	6:39
6:14	6:35	6:42	6:48	6:51	7:10
6:44	7:07	7:14	a 7:05	7:07	7:46
7:15	7:42	7:49	7:52	7:56	8:16
7:35	8:02	8:09	8:20	8:24	8:44
7:55	8:19	8:26	8:40	8:44	9:03
8:24	8:48	8:55	9:05	9:08	9:26
8:49	9:13	9:20	9:28	9:31	9:49
9:10	9:34	9:43	10:00	10:03	10:21
9:55	10:26	10:35	10:45	10:48	11:06
10:29	11:00	11:08	11:20	11:23	11:41
11:14	11:33	11:41	11:50	11:53	12:11P
11:45	12:04P	12:12P			
			12:25P	12:28P	12:48P
12:20P	12:45P	12:53P	1:10	1:13	1:33
1:00	1:30	1:38	1:50	1:53	2:13
1:40	2:10	2:18	2:25	2:28	2:48
2:20	2:50	2:58	3:03	3:06	3:32
3:00	3:30	3:38	3:45	3:48	4:14
3:37	4:07	4:15	4:20	4:23	4:49
4:00	4:30	4:38	4:45	4:48	5:14
4:25	4:55	5:03	5:10	5:13	5:39
4:55	5:17	5:24	5:35	5:38	6:04
5:20	5:40	5:47	6:00	6:03	6:29
5:45	6:05	6:12	6:25	6:28	6:54
6:10	6:30	6:37	6:50	6:53	7:15
6:35	6:55	7:02	7:15	7:17	7:37
7:10	7:30	7:37	7:40	7:42	8:02
7:42	8:03	8:10	8:15	8:17	8:36
8:15	8:36	8:43	8:50	8:52	9:10
8:55	9:12	9:18	9:20	9:22	9:40
9:45	10:00	10:06	10:09	10:11	10:29
10:40	10:55	11:01	11:07	11:09	11:21
11:32	11:47	11:53	12:00M	12:02A	12:14A
12:20A	12:35A	12:41A	12:45A	12:47	12:59

a - Via Medford High School

94 Saturday					
Inbound			Outbound		
Leave Medford Square	Arrive Powder House Sq.	Arrive Davis Square	Leave Davis Square	Arrive Powder House Sq.	Arrive Medford Square
6:45A	6:55A	7:01A	7:13A	7:14A	7:28A
7:45	7:55	8:01	8:15	8:16	8:30
8:35	8:45	8:51	9:05	9:06	9:24
9:25	9:38	9:46	9:55	9:56	10:14
10:15	10:28	10:36	10:45	10:46	11:04
11:05	11:19	11:28	11:35	11:36	11:54
11:55	12:09P	12:18P			
			12:25P	12:26P	12:44P
12:45P	12:59P	1:08P	1:15	1:16	1:34
1:35	1:48	1:57	2:05	2:06	2:24
2:25	2:38	2:47	2:55	2:56	3:14
3:15	3:28	3:37	3:45	3:46	4:04
4:05	4:18	4:27	4:35	4:36	4:54
4:55	5:07	5:16	5:25	5:26	5:44
5:45	5:57	6:05	6:15	6:16	6:33
6:35	6:46	6:54	7:05	7:06	7:21
7:25	7:36	7:44	7:55	7:56	8:11
8:15	8:26	8:34	8:45	8:46	9:01
9:15	9:26	9:34	9:45	9:46	10:01
10:15	10:24	10:30	10:45	10:46	11:01
11:15	11:24	11:30	11:45	11:46	12:01A
12:15A	12:24A	12:29A	12:35A	12:36A	12:51

NOTE: For additional service between Medford Square and Davis Square Station please refer to Route 96 schedule card.

 All buses are accessible to persons with disabilities

Route 94 Medford Square-Davis Square Station

94 Sunday					
Inbound			Outbound		
Leave Medford Square	Arrive Powder House Sq.	Arrive Davis Square	Leave Davis Square	Arrive Powder House Sq.	Arrive Medford Square
6:45A	6:55A	6:59A	7:03A	7:04A	7:18A
7:23	7:32	7:39	7:43	7:44	7:58
8:03	8:13	8:20	8:28	8:29	8:43
9:03	9:14	9:22	9:28	9:29	9:44
10:03	10:14	10:24	10:28	10:29	10:44
11:03	11:14	11:24	11:40	11:41	11:57
12:13P	12:24P	12:34P	12:50P	12:51P	1:06P
1:23	1:35	1:43	2:00	2:01	2:17
2:33	2:46	2:54	3:10	3:11	3:27
3:43	3:52	4:01	4:20	4:21	4:37
4:53	5:02	5:11	5:30	5:31	5:47
6:03	6:12	6:21	6:30	6:31	6:47
7:03	7:12	7:21	7:30	7:31	7:47
8:05	8:14	8:22	8:31	8:32	8:46
9:15	9:26	9:31	9:35	9:36	9:50
10:15	10:24	10:29	10:35	10:36	10:50
11:15	11:24	11:29	11:35	11:36	11:50
12:20A	12:29A	12:34A	12:40A	12:41A	12:52A



Fare	Local Bus	Bus + Bus	Rapid Transit	Bus + Rapid Transit
CharlieCard	\$1.70	\$1.70	\$2.40	\$2.40
CharlieTicket	\$2.00	\$2.00	\$2.90	\$4.90
Cash-on-Board	\$2.00	\$4.00	\$2.90	\$4.90
Student/Youth*	\$0.85	\$0.85	\$1.10	\$1.10
Senior/TAP**	\$0.85	\$0.85	\$1.10	\$1.10

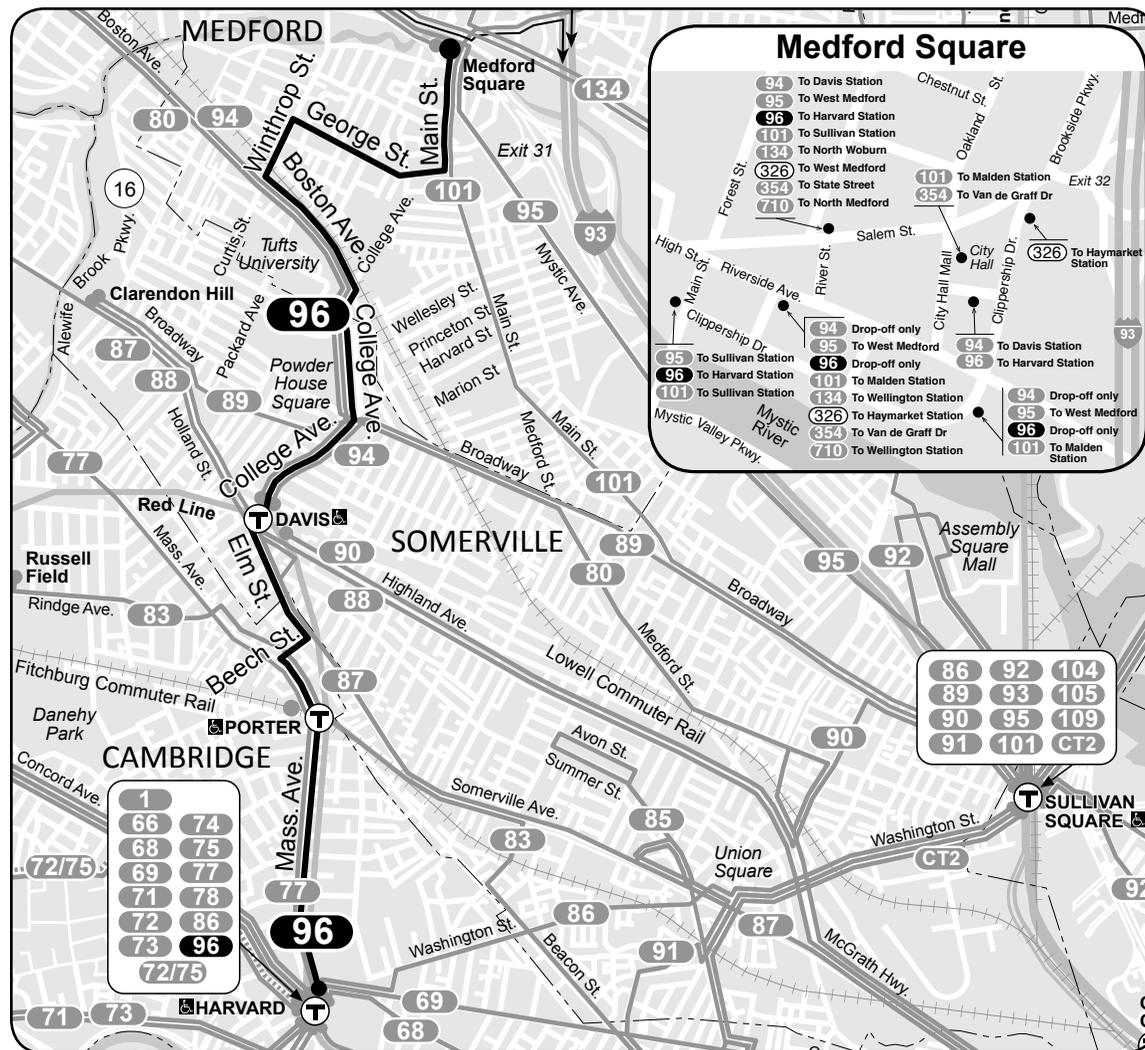
VALID PASSES: LinkPass (\$90.00/mo.); Local Bus (\$55/mo.); *Student/Youth LinkPass (\$30.00/mo.); **Senior/TAP LinkPass (\$30/mo.); and express bus, commuter rail, and boat passes.

FREE FARES: Children 11 and under ride free when accompanied by an adult; Blind Access CharlieCard holders ride free and if using a guide, the guide rides free.
* Requires Student CharlieCard or Youth CharlieCard. Student CharlieCards are available to students through participating middle schools and high schools. Youth CharlieCards are available through community partners in the Boston metro area. Visit www.mbta.com/youthpass for details.

** Requires Senior/TAP CharlieCard, available to Medicare cardholders, seniors 65+, and persons with disabilities.

Summer 2019 Holidays
7/4/19: see Sunday 9/2/19: see Sunday

Route 96 Medford Square - Harvard Station



schedule change

96

Effective June 23, 2019

Medford Square- Harvard Station

New fares effective July 1, 2019

Serving

- Tufts University
- Powder House Square
- Davis Square Station
- Porter Square Station
- Harvard University
- Eliot Street
- Red Line
- Fitchburg Commuter Rail



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96 Weekday					
Inbound			Outbound		
Leave Medford Sq.	Arrive Davis Sq.	Arrive Harvard Station	Leave Harvard Station	Lv/Arrive Davis Sq.	Arrive Medford Square
5:35A	5:45A	5:57A	6:00A	6:09A	6:24A
6:00	6:16	6:26	6:29	6:38	6:53
6:19	6:35	6:45	6:50	6:59	7:14
6:37	6:53	7:04	7:10	7:19	7:34
7:00	7:20	7:34	.....	7:40	7:55
a 7:10	7:26	.....	7:40	7:53	8:10
7:20	7:40	7:54	.....	8:03	8:18
a 7:35	7:53	.....	8:00	8:13	8:30
7:40	8:00	8:18	8:25	8:38	8:55
a 7:55	8:15	.....	8:47	9:00	9:15
8:00	8:22	8:40	9:00	9:13	9:28
a 8:12	8:30	.....	9:10	9:23	9:38
8:17	8:39	8:57	9:35	9:48	10:03
a 8:28	8:46	.....	10:15	10:28	10:43
8:37	8:59	9:17	10:50	11:03	11:18
9:05	9:27	9:42	11:30	11:43	11:58
9:35	9:57	10:11			
10:10	10:32	10:46	12:05P	12:18P	12:34P
10:47	11:08	11:24	12:45	12:58	1:14
11:25	11:44	12:00N	1:25	1:38	1:54
			2:05	2:18	2:34
12:05P	12:24P	12:38P	2:45	2:58	3:20
12:45	1:06	1:18	3:21	3:38	4:00
1:25	1:46	1:58	3:40	3:57	4:19
2:05	2:26	2:38	4:05	4:22	4:44
2:45	3:06	3:18	4:30	4:47	5:09
3:25	3:46	3:58	4:50	5:07	5:29
4:05	4:26	4:38	5:05	5:22	5:44
4:25	4:46	4:58	5:30	5:47	6:09
4:50	5:10	5:24	5:55	6:12	6:34
5:15	5:34	5:48	6:15	6:32	6:54
5:35	5:54	6:08	6:35	6:52	7:13
5:55	6:14	6:28	7:00	7:13	7:31
6:20	6:39	6:53	7:40	7:53	8:11
7:00	7:19	7:33	8:15	8:28	8:41
7:40	7:55	8:08	8:50	9:03	9:16
8:18	8:33	8:46	9:25	9:38	9:51
8:50	9:04	9:18	10:00	10:13	10:26
9:25	9:38	9:52	10:37	10:50	11:02
10:05	10:18	10:32	11:08	11:16	11:26
10:33	10:46	11:00	12:05A	12:13A	12:23A
11:30	11:43	11:57	w 12:55	1:03	1:13
12:25A	12:38A	12:52A			

a - To Davis Square Station ONLY.
w - Waits for last train to arrive at Harvard Station.

96 Saturday					
Inbound			Outbound		
Leave Medford Sq.	Arrive Davis Sq.	Arrive Harvard Station	Leave Harvard Station	Arrive Davis Sq.	Arrive Medford Square
5:20A	5:27A	5:39A	5:45A	5:53A	6:04A
6:10	6:17	6:29	6:35	6:43	6:54
7:00	7:07	7:19	7:25	7:34	7:46
7:25	7:32	7:44	7:50	7:59	8:12
8:00	8:07	8:19	8:40	8:49	9:03
8:50	8:57	9:10	9:30	9:40	9:56
9:40	9:50	10:05	10:20	10:30	10:49
10:30	10:41	10:57	11:10	11:20	11:39
11:20	11:33	11:50			
			12:00N	12:10P	12:29P
12:10P	12:23P	12:40P	12:50P	1:00	1:19
1:00	1:13	1:30	1:40	1:50	2:09
1:50	2:03	2:21	2:30	2:40	2:58
2:40	2:54	3:12	3:20	3:30	3:48
3:30	3:44	4:02	4:10	4:20	4:36
4:20	4:34	4:52	5:00	5:10	5:26
5:10	5:23	5:40	5:50	6:00	6:16
6:00	6:13	6:30	6:40	6:50	7:06
6:50	7:03	7:20	7:30	7:40	7:56
7:45	7:58	8:13	8:20	8:30	8:46
8:45	8:54	9:09	9:20	9:30	9:46
9:45	9:54	10:08	10:20	10:28	10:42
10:45	10:52	11:04	11:15	11:23	11:37
11:40	11:47	11:59	12:10A	12:18A	12:29A
12:40A	12:47A	12:59A	w 1:05	1:13	1:24

NOTE: For additional service between Medford Square and Davis Square please refer to Route 94 schedule card.

All buses are accessible to persons with disabilities

Route 96 Medford Square-Harvard Station

96 Sunday					
Inbound			Outbound		
Leave Medford Sq.	Arrive Davis Sq.	Arrive Harvard Station	Leave Harvard Station	Arrive Davis Sq.	Arrive Medford Square
6:05A	6:13A	6:23A	6:30A	6:38A	6:49A
6:55	7:03	7:13	7:20	7:28	7:39
7:45	7:53	8:03	8:10	8:18	8:29
8:35	8:43	8:56	9:00	9:09	9:23
9:25	9:34	9:47	9:55	10:06	10:19
10:25	10:36	10:50	10:55	11:08	11:23
11:25	11:37	11:53			
			12:00N	12:13P	12:28P
12:35P	12:47P	1:03P	1:10P	1:23	1:38
1:45	1:57	2:13	2:20	2:33	2:48
2:55	3:05	3:21	3:30	3:43	3:58
4:05	4:15	4:31	4:40	4:53	5:09
5:15	5:25	5:41	5:50	6:03	6:19
6:25	6:35	6:50	6:50	7:03	7:19
7:25	7:33	7:46	7:50	8:01	8:13
8:25	8:33	8:45	8:55	9:06	9:18
9:25	9:32	9:44	9:55	10:05	10:16
10:25	10:32	10:44	10:55	11:05	11:16
11:25	11:31	11:42	11:55	12:04A	12:15A
12:30A	12:36A	12:47A	w 1:00A	1:09	1:19

Fare	Local Bus	Bus + Bus	Rapid Transit	Bus + Rapid Transit
CharlieCard	\$1.70	\$1.70	\$2.40	\$2.40
CharlieTicket	\$2.00	\$2.00	\$2.90	\$4.90
Cash-on-Board	\$2.00	\$4.00	\$2.90	\$4.90
Student/Youth*	\$0.85	\$0.85	\$1.10	\$1.10
Senior/TAP**	\$0.85	\$0.85	\$1.10	\$1.10

VALID PASSES: LinkPass (\$90.00/mo.); Local Bus (\$55/mo.); *Student/Youth LinkPass (\$30.00/mo.); **Senior/TAP LinkPass (\$30/mo.); and express bus, commuter rail, and boat passes.
FREE FARES: Children 11 and under ride free when accompanied by an adult; Blind Access CharlieCard holders ride free and if using a guide, the guide rides free.
* Requires Student CharlieCard or Youth CharlieCard. Student CharlieCards are available to students through participating middle schools and high schools. Youth CharlieCards are available through community partners in the Boston metro area. Visit www.mbta.com/youthpass for details.
** Requires Senior/TAP CharlieCard, available to Medicare cardholders, seniors 65+, and persons with disabilities.

Summer 2019 Holidays
7/4/19: see Sunday 9/2/19: see Sunday

T Fares

PRICE PER TRIP	Local Bus	Bus + Bus	Rapid Transit	Bus + Rapid Transit
CharlieCard	\$1.70	\$1.70	\$2.40	\$2.40
CharlieTicket	\$2.00	\$2.00	\$2.90	\$4.90***
Cash-on-Board	\$2.00	\$4.00	\$2.90	\$4.90***
Student/Youth*	\$0.85	\$0.85	\$1.10	\$1.10
Senior/TAP**	\$0.85	\$0.85	\$1.10	\$1.10
UNLIMITED TRIP PASSES				
1-Day	\$12.75	\$12.75	\$12.75	\$12.75
7-Day	\$22.50	\$22.50	\$22.50	\$22.50
Monthly	\$55.00	\$55.00	\$90.00	\$90.00
Senior/TAP Monthly \$30.00/month for unlimited travel on Local Bus and Rapid Transit				

VALID PASSES: LinkPass (\$84.50/mo.); Student/Youth LinkPass* (\$30/mo.); Senior/TAP LinkPass* (\$30/mo.); and express bus, commuter rail, and boat passes.

FREE FARES: Children 11 and under ride free when accompanied by an adult; Blind Access CharlieCard holders ride free: if using a guide, the guide rides free

* Requires Student CharlieCard or Youth CharlieCard. Student CharlieCards are available to students through participating middle schools and high schools. Youth CharlieCards are available through community partners in the Boston metro area. Visit www.mbta.com/youthpass for details.

** Requires Senior/TAP CharlieCard, available to Medicare cardholders, seniors 65+, and persons with disabilities.

*** For Silver Line SL4 or SL5 pay \$2.75. Also see "transfers."

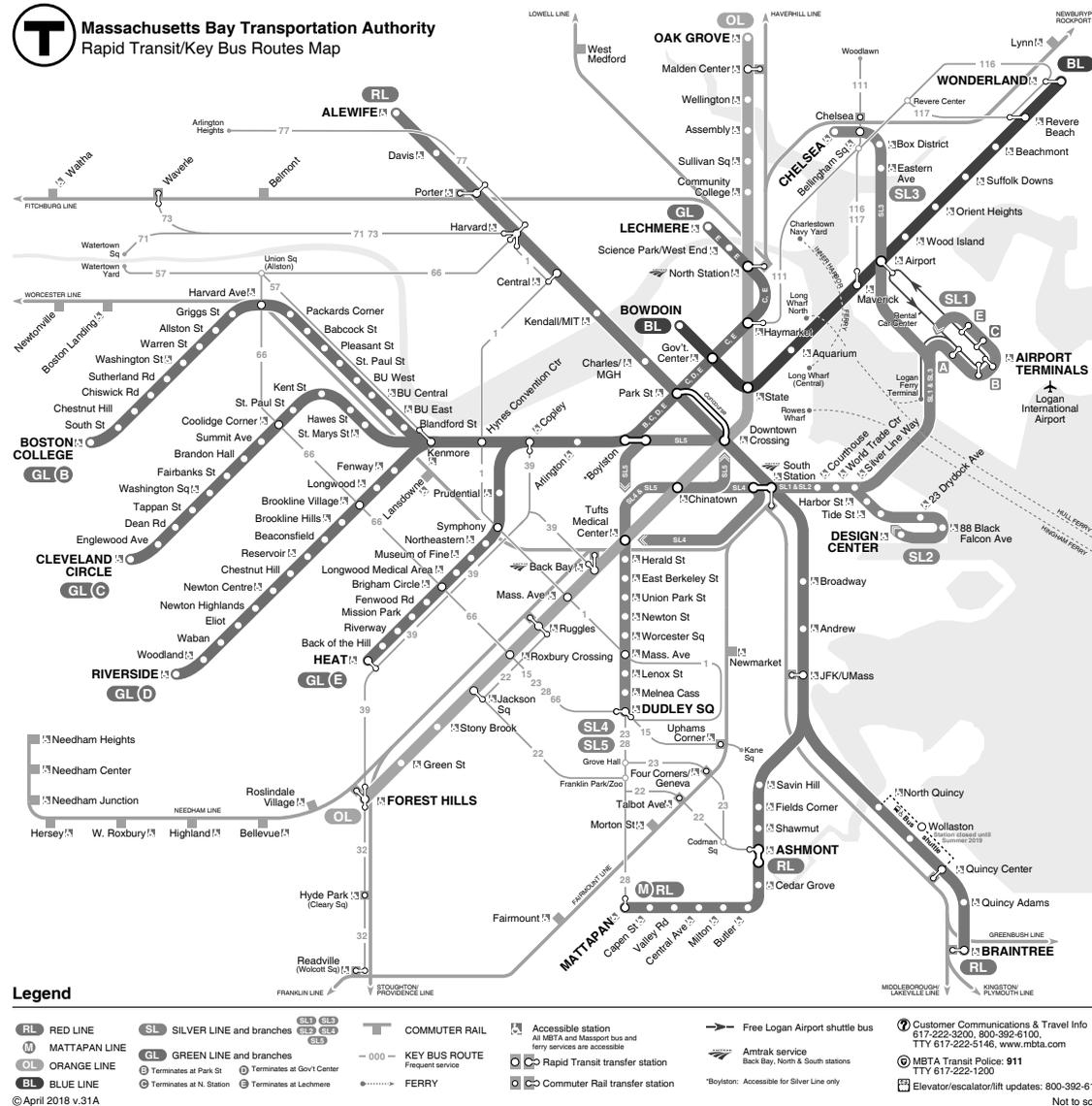
TRANSFERS

If paying with a CharlieTicket or CharlieCard, discounted transfers that are available are automatic — just use the same ticket or card throughout your trip. If paying with cash onboard a vehicle, free transfers are only allowed between rapid transit lines and inside paid platform areas at gated stations.

SCHEDULES

Schedules are available at the following stations: Park Street, Airport, Malden, Harvard, Haymarket (Green Line Level), Back Bay, Downtown Crossing (Orange Line Level), and Quincy Center, or ask a Customer Service Agent. Schedules are also available at the State Transportation Building (10 Park Plaza), 45 High St, and online at mbta.com.

T Massachusetts Bay Transportation Authority Rapid Transit/Key Bus Routes Map



Rapid Transit

Effective June 23, 2019

New fares effective July 1, 2019



Blue Line



Green Line



Orange Line



Red Line



Silver Line

Massachusetts Bay Transportation Authority **massDOT**
Massachusetts Department of Transportation

Information 617-222-3200 • 1-800-392-6100
(TTY) 617-222-5146 • www.mbta.com

Rapid Transit Line	Weekday							Saturday					Sunday						
	First Trip	AM Peak	Midday	PM Peak	Evening	Late Night	Last Trip	First Trip	AM Peak	PM Peak	Evening	Late Night	Last Trip	First Trip	AM Peak	PM Peak	Evening	Late Night	Last Trip
Red Line																			
Alewife Braintree*	5:24AM	9 min	14 min	9 min	12 min	12 min	12:20AM	5:24AM	14 min	14 min	14 min	14 min	12:20AM	6:08AM	15 min	15 min	15 min	16 min	12:20AM
	5:13AM	9 min	14 min	9 min	12 min	12 min	12:17AM	5:15AM	14 min	14 min	14 min	14 min	12:17AM	6:00AM	15 min	15 min	15 min	16 min	12:17AM
Alewife Ashmont	5:16AM	9 min	14 min	9 min	12 min	12 min w	12:27AM	5:16AM	14 min	14 min	14 min	14 min w	12:27AM	6:00AM	15 min	15 min	15 min	16 min	w 12:27AM
	5:16AM	9 min	14 min	9 min	12 min	12 min w	12:30AM	5:16AM	14 min	14 min	14 min	14 min w	12:30AM	6:00AM	15 min	15 min	15 min	16 min	w 12:30AM
"M" Ashmont Mattapan	5:17AM	5 min	8 min	5 min	12 min	12 min w	1:05AM	5:15AM	26 min	12 min	12 min	26 min w	1:05AM	6:03AM	26 min	12 min	12 min	26 min	w 1:05AM
	5:05AM	5 min	8 min	5 min	12 min	12 min	12:53AM	5:05AM	26 min	12 min	12 min	26 min	12:53AM	5:51AM	26 min	12 min	12 min	26 min	12:53AM
Blue Line																			
Wonderland	5:13AM	5 min	9 min	5 min	9 min	9 min	12:28AM	5:25AM	9 min	9 min	9 min	13 min	12:28AM	5:58AM	13 min	9 min	9 min	13 min	12:28AM
Orient Heights	5:13AM	5 min	9 min	5 min	9 min	9 min	12:33AM	5:13AM	9 min	9 min	9 min	13 min	12:33AM	6:03AM	13 min	9 min	9 min	13 min	12:33AM
Bowdoin	5:29AM	5 min	9 min	5 min	9 min	9 min	w 1:00AM	5:29AM	9 min	9 min	9 min	13 min	w 1:00AM	6:21AM	13 min	9 min	9 min	13 min	w 1:00AM
Orange Line																			
Oak Grove	5:16AM	6 min	8 min	6 min	8 min	12 min	w 12:30AM	5:16AM	10 min	9 min	11 min	11 min	w 12:30AM	6:00AM	13 min	11 min	11 min	11 min	w 12:30AM
Forest Hills	5:16AM	6 min	8 min	6 min	8 min	12 min	w 12:28AM	5:16AM	10 min	9 min	11 min	11 min	w 12:28AM	6:00AM	13 min	11 min	11 min	11 min	w 12:28AM
Green Line																			
B Boston College Park Street	5:01AM	6 min	8 min	6 min	7 min	9 min	12:10AM	4:45AM ²	11 min	7 min	7 min	11 min	12:09AM	5:20AM ²	12 min	9 min	7 min	10 min	12:10AM
	5:43AM	6 min	8 min	6 min	7 min	9 min	w 12:52AM	5:40AM	11 min	7 min	7 min	11 min	w 12:52AM	6:12AM	12 min	9 min	7 min	10 min	w 12:52AM
C Cleveland Circle North Station	5:01AM ¹	6 min	9 min	7 min	7 min	6 min	12:10AM	4:50AM ²	10 min	9 min	8 min	10 min	12:10AM	5:30AM ²	12 min	11 min	9 min	12 min	12:10AM
	5:55AM	6 min	9 min	7 min	7 min	6 min	w 12:46AM	5:30AM	10 min	9 min	8 min	10 min	w 12:46AM	6:06AM	12 min	11 min	9 min	12 min	w 12:46AM
D Riverside⁴ Government Ctr.	4:56AM	6 min	8 min	6 min	8 min	11 min	12:05AM	4:55AM	13 min	9 min	8 min	10 min	12:02AM	5:25AM	13 min	11 min	11 min	11 min	12:05AM
	5:41AM	6 min	8 min	6 min	8 min	11 min	w 12:49AM	5:38AM	13 min	9 min	8 min	10 min	w 12:49AM	6:10AM	13 min	11 min	11 min	11 min	w 12:49AM
E Lechmere Heath Street	5:01AM	6 min	8 min	7 min	9 min	9 min	12:30AM	5:01AM	11 min	9 min	11 min	11 min	12:30AM	5:35AM	12 min	12 min	12 min	12 min	12:30AM
	5:38AM	6 min	8 min	7 min	9 min	9 min	12:47AM ³	5:39AM	11 min	9 min	11 min	11 min	12:47AM ³	6:15AM	12 min	12 min	12 min	12 min	12:47AM ³
Silver Line																			
SL1 Logan Airport South Station	5:38AM	9 min	10 min	12 min	10 min	12 min	f 2:30AM	5:33AM	12 min	12 min	12 min	12 min	f 2:30AM	5:50AM	12 min	8 min	8 min	8 min	f 2:30AM
	5:40AM	9 min	10 min	12 min	10 min	12 min	w 1:00AM	5:35AM	12 min	12 min	12 min	12 min	w 1:00AM	6:12AM	12 min	8 min	8 min	8 min	w 1:00AM
SL2 Design Center South Station	6:07AM	5 min	15 min	5 min	9 min	15 min	12:35AM	6:10AM	15 min	15 min	15 min	15 min	12:35AM	6:50AM	15 min	15 min	15 min	15 min	12:34AM
	5:46AM	5 min	15 min	5 min	9 min	15 min	12:50AM	5:50AM	15 min	15 min	15 min	15 min	12:49AM	6:35AM	15 min	15 min	15 min	15 min	12:48AM
SL3 Chelsea Station South Station	5:01AM	12 min	15 min	12 min	13 min	15 min	f 1:26AM	5:30AM	12 min	12 min	15 min	15 min	f 1:25AM	6:30AM	15 min	15 min	15 min	15 min	f 1:25AM
	4:25AM	12 min	15 min	12 min	13 min	15 min	w 12:55AM	4:53AM	12 min	12 min	15 min	15 min	w 12:55AM	5:53AM	15 min	15 min	15 min	15 min	w 12:55AM
SL4 Dudley Station South Station	5:20AM	12 min	16 min	14 min	12 min	19 min	12:20AM	5:23AM	15 min	15 min	15 min	20 min	12:20AM	6:02AM	15 min	15 min	15 min	20 min	12:20AM
	5:35AM	12 min	16 min	14 min	12 min	19 min	x 2:54AM	5:40AM	15 min	15 min	15 min	20 min	x 2:54AM	6:20AM	15 min	15 min	15 min	20 min	x 2:54AM
SL5 Dudley Station Downtown Xing	5:15AM	8 min	10 min	8 min	7 min	17 min	12:53AM	5:19AM	10 min	10 min	11 min	11 min	12:46AM	6:00AM	10 min	8 min	9 min	9 min	12:25AM
	5:32AM	8 min	10 min	8 min	7 min	17 min	w 1:07AM	5:34AM	10 min	10 min	11 min	11 min	w 1:00AM	6:15AM	10 min	8 min	9 min	9 min	w 12:47AM

Schedule Periods (approximate):

AM Rush Hour: 6:30 AM - 9:00 AM
 Midday: 9:00 AM - 3:30 PM
 PM Rush Hour: 3:30 PM - 6:30 PM
 Evening: 6:30 PM - 8:00 PM
 Late Night: 8:00 PM - CLOSE

Red Line Note:

*Braintree Line:
 Due to construction on Wollaston Station the station will be closed. During construction shuttle buses will operate between Wollaston, North Quincy, and Quincy Center Stations. Please visit mbta.com/alerts for updated service information.

Green Line Notes:

- 1 - The first two C Line AM inbound trips run through to Lechmere Station on weekdays.
- 2 - The first B Line and second C Line AM inbound trips run through to Lechmere Station on weekends.
- 3 - The 12:32AM trip from Heath St is the last connecting train to other lines downtown. The 12:47AM trip from Heath St. runs in service to Lechmere with no guaranteed connections.
- 4 - Due to two major infrastructure projects on the D Line, shuttles will replace trolley service on some weeknights and weekends through 2019. Shuttle schedules are subject to change. Shuttles may add up to 15 minutes to your travel time. Please visit mbta.com to plan your trip on the D Line, or sign up for T-Alerts for shuttle notices.

f - After exiting Ted Williams Tunnel bus will only service World Trade Center and South Station stops.

w - Last trips wait at some stations, primarily in the Downtown area, for connecting service. Departure times are approximate.

x - Trip departs from Summer St. @ Dorchester Ave. and omits Essex Street stop.

Summer 2019 Holidays
 7/4/19: see Sunday 9/2/19: see Sunday

TRIP GENERATION



ARIZON NEW MEXICO

OKLAHOMA

ARKANSAS

TENNESSEE

NORTH CAROLINA

SOUTH CAROLINA

B08301

MEANS OF TRANSPORTATION TO WORK

Universe: Workers 16 years and over

2013-2017 American Community Survey 5-Year Estimates

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Technical Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities, and towns and estimates of housing units for states and counties.

	Arlington CDP, Massachusetts		Cambridge city, Massachusetts		Everett city, Massachusetts
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Total:	24,683	+/-577	63,654	+/-1,029	23,012
Car, truck, or van:	16,406	+/-667	19,739	+/-717	15,960
Drove alone	14,922	+/-692	17,716	+/-681	12,929
Carpooled:	1,484	+/-243	2,023	+/-271	3,031
In 2-person carpool	1,160	+/-221	1,651	+/-247	2,214
In 3-person carpool	197	+/-79	214	+/-80	570
In 4-person carpool	89	+/-62	97	+/-56	192
In 5- or 6-person carpool	10	+/-18	9	+/-15	9
In 7-or-more-person carpool	28	+/-33	52	+/-67	46
Public transportation (excluding taxicab):	5,026	+/-443	18,978	+/-950	5,264
Bus or trolley bus	1,645	+/-352	5,713	+/-531	2,789
Streetcar or trolley car (carro publico in Puerto Rico)	62	+/-62	535	+/-210	0
Subway or elevated	3,023	+/-311	12,269	+/-704	2,475
Railroad	288	+/-144	461	+/-121	0
Ferryboat	8	+/-13	0	+/-29	0
Taxicab	0	+/-26	199	+/-89	77
Motorcycle	0	+/-26	47	+/-38	75
Bicycle	812	+/-217	4,424	+/-448	145
Walked	659	+/-202	15,341	+/-762	732
Other means	150	+/-100	395	+/-101	121
Worked at home	1,630	+/-257	4,531	+/-384	638

MEANS OF TRANSPORTATION TO WORK	Arlington	Cambridge	Everett	Medford	Somerville	Total	Percentage
Car, truck, or van	66.5%	31.0%	69.4%	68.3%	43.8%	49.5%	49.5%
Drove alone	60.5%	27.8%	56.2%	60.0%	38.0%	43.3%	43.3%
Carpooled:	6.0%	3.2%	13.2%	8.3%	5.8%	6.2%	6.2%
In 2-person carpool	4.7%	2.6%	9.6%	6.8%	4.4%	4.8%	4.8%
In 3-person carpool	0.8%	0.3%	2.5%	1.1%	0.9%	0.9%	0.9%
In 4+ person carpool	0.5%	0.2%	1.1%	0.3%	0.6%	0.5%	0.5%
Public transportation (excluding taxicab)	20.4%	29.8%	22.9%	20.1%	32.6%	27.0%	27.0%
Bicycle	3.3%	7.0%	0.6%	1.3%	6.9%	4.8%	4.8%
Walked	2.7%	24.1%	3.2%	5.2%	11.4%	12.5%	12.5%
Other means (including taxicab)	0.6%	1.0%	1.2%	0.8%	0.9%	0.9%	0.9%
Worked at home	6.6%	7.1%	2.8%	4.2%	4.4%	5.3%	5.3%

	Everett city, Massachusetts	Medford city, Massachusetts		Somerville city, Massachusetts	
	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Total:	+/-955	32,358	+/-933	52,771	+/-1,006
Car, truck, or van:	+/-980	22,100	+/-877	23,091	+/-1,090
Drove alone	+/-815	19,430	+/-849	20,029	+/-1,074
Carpooled:	+/-556	2,670	+/-515	3,062	+/-482
In 2-person carpool	+/-464	2,204	+/-453	2,296	+/-402
In 3-person carpool	+/-228	369	+/-172	454	+/-215
In 4-person carpool	+/-131	83	+/-79	269	+/-114
In 5- or 6-person carpool	+/-14	0	+/-29	22	+/-24
In 7-or-more-person carpool	+/-54	14	+/-18	21	+/-24
Public transportation (excluding taxicab):	+/-682	6,500	+/-598	17,217	+/-1,047
Bus or trolley bus	+/-513	2,001	+/-359	4,236	+/-527
Streetcar or trolley car (carro publico in Puerto Rico)	+/-26	0	+/-29	207	+/-111
Subway or elevated	+/-455	4,060	+/-501	12,468	+/-835
Railroad	+/-26	439	+/-141	306	+/-138
Ferryboat	+/-26	0	+/-29	0	+/-29
Taxicab	+/-72	50	+/-47	127	+/-74
Motorcycle	+/-65	50	+/-45	57	+/-67
Bicycle	+/-97	420	+/-177	3,631	+/-467
Walked	+/-252	1,698	+/-365	6,040	+/-591
Other means	+/-88	173	+/-91	303	+/-147
Worked at home	+/-192	1,367	+/-277	2,305	+/-337

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

Workers include members of the Armed Forces and civilians who were at work last week.

While the 2013-2017 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural populations, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Explanation of Symbols:

1. An '***' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An '****' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
8. An '(X)' means that the estimate is not applicable or not available.

Marijuana Dispensary (882)

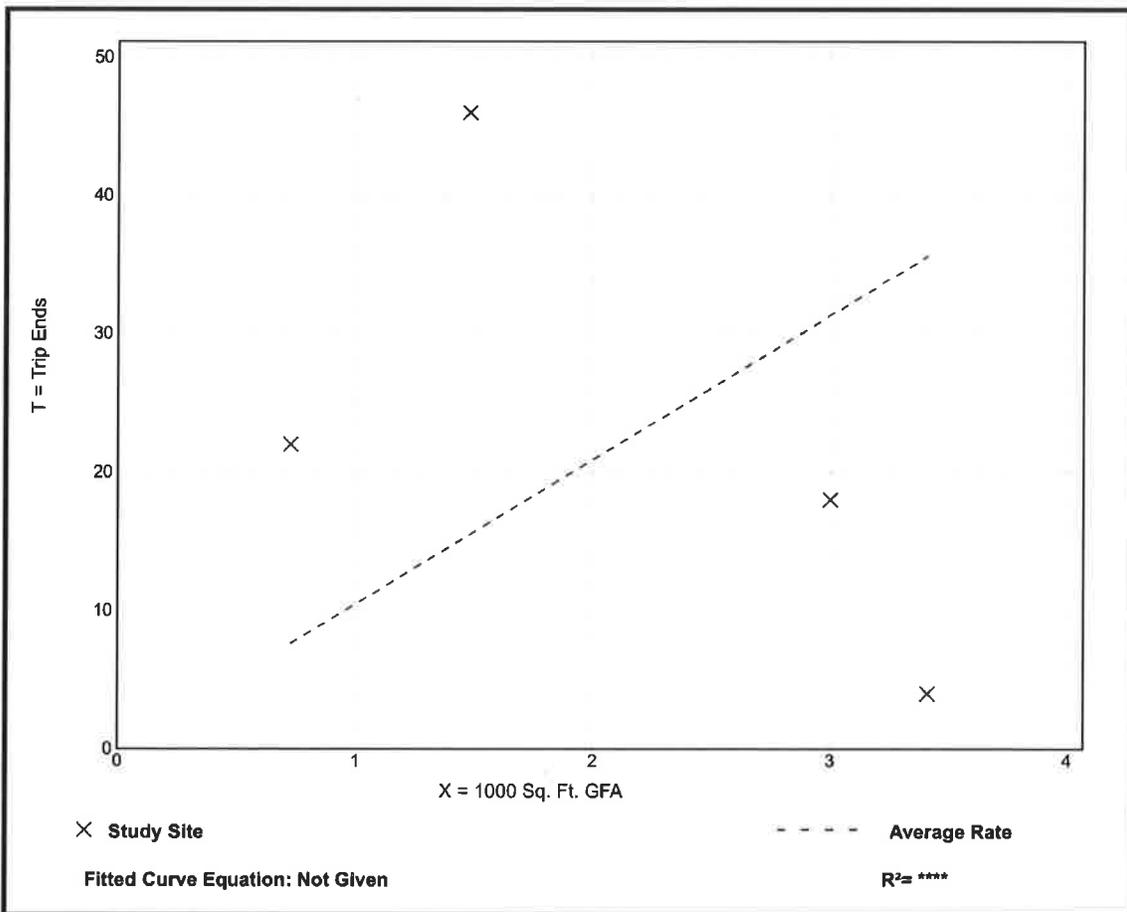
Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 7 and 9 a.m.
Setting/Location: General Urban/Suburban
 Number of Studies: 4
 1000 Sq. Ft. GFA: 2
 Directional Distribution: 56% entering, 44% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
10.44	1.17 - 31.08	14.00

Data Plot and Equation

Caution – Small Sample Size



Marijuana Dispensary (882)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 4 and 6 p.m.
Setting/Location: General Urban/Suburban
 Number of Studies: 12
 1000 Sq. Ft. GFA: 2
 Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
21.83	2.94 - 98.65	27.36

Data Plot and Equation

