

# FMCB Commuter Rail Update

August 2020



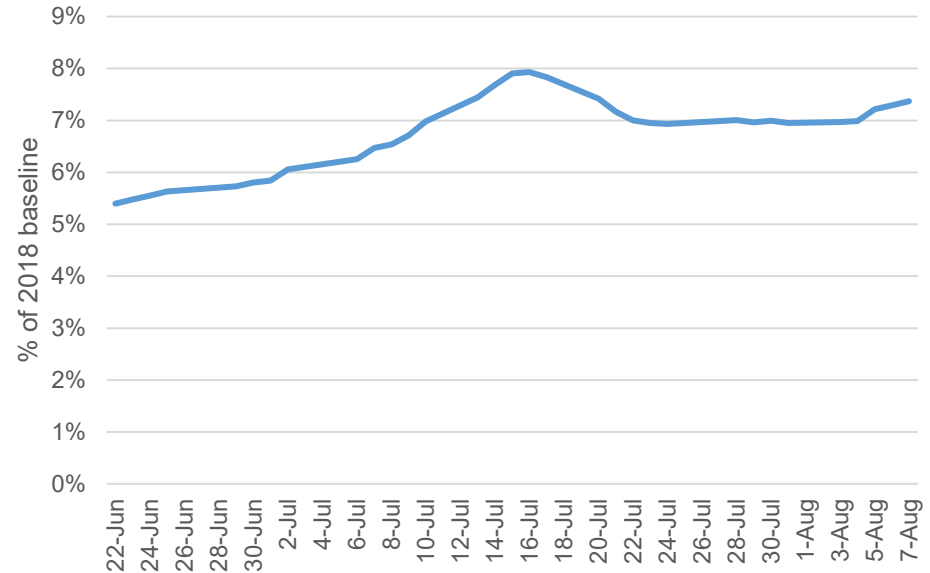


# Commuter Rail Ridership

- Trains arriving weekdays at North/South Stations and Back Bay in the AM Peak are counted by Keolis
- These train counts are compared to 2018 CTPS counts for trains arriving at the same times
- Chart to the right shows rolling 5-day average through 8/7
- Fairmount Line is not apples-to-apples as additional service has been added since 2018 (including from Foxboro)

	Average 8/3 - 8/7, AM Peak Trains	Percent of 2018 Counts
Fairmount	170	19%
Framingham/Worcester	398	5%
Greenbush	101	4%
Kingston/Plymouth	243	9%
Middleborough/Lakeville	265	9%
Newburyport/Rockport	451	8%
Fitchburg	200	5%
Franklin	361	7%
Haverhill	272	9%
Lowell	276	6%
Needham	113	4%
Providence/Stoughton	960	9%

Terminal Counts, Weekdays, AM Peak compared to 2018 Counts

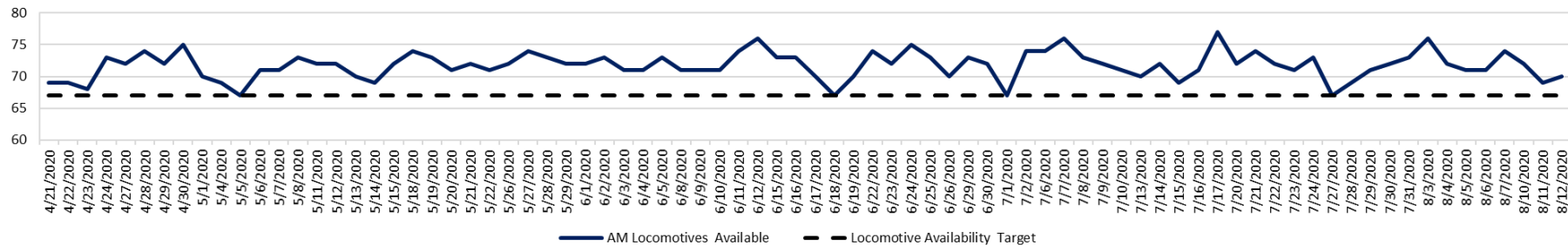


# Equipment Availability



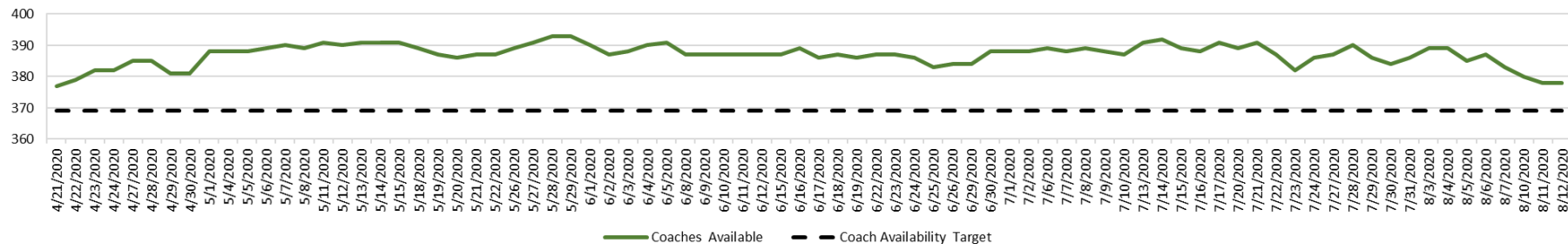
Target: 67 Locomotives Available

Locomotive Availability  
(last 12 weeks)

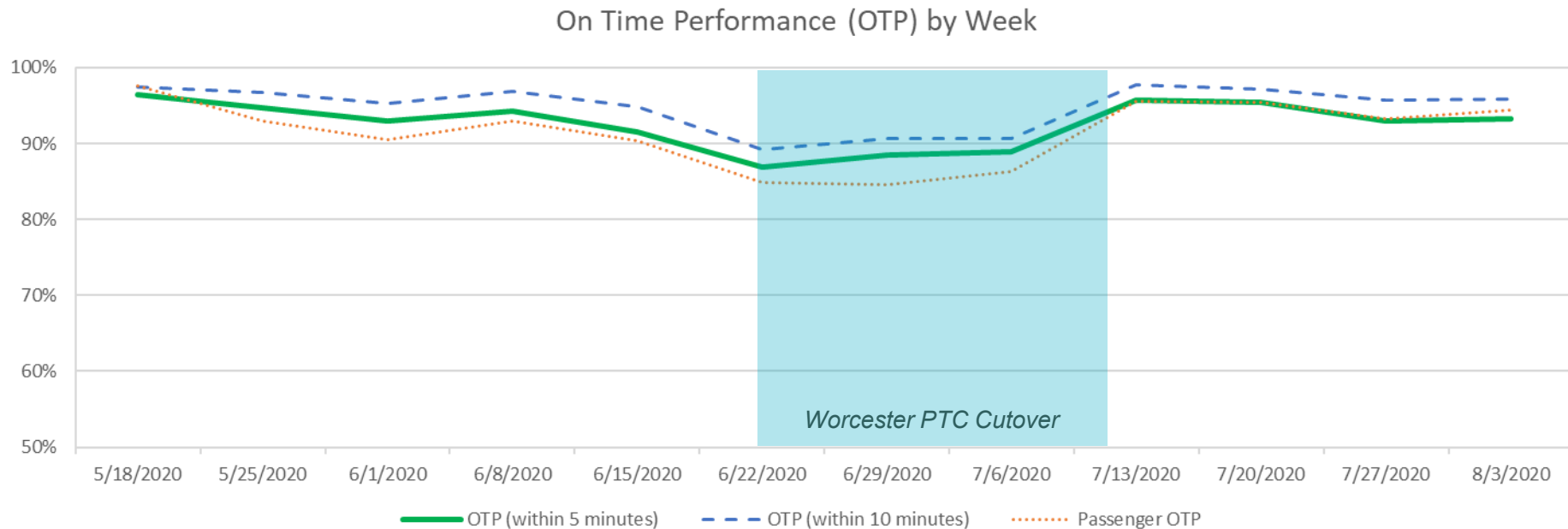


Target: 369 Coaches Available

Coach Availability  
(last 12 weeks)



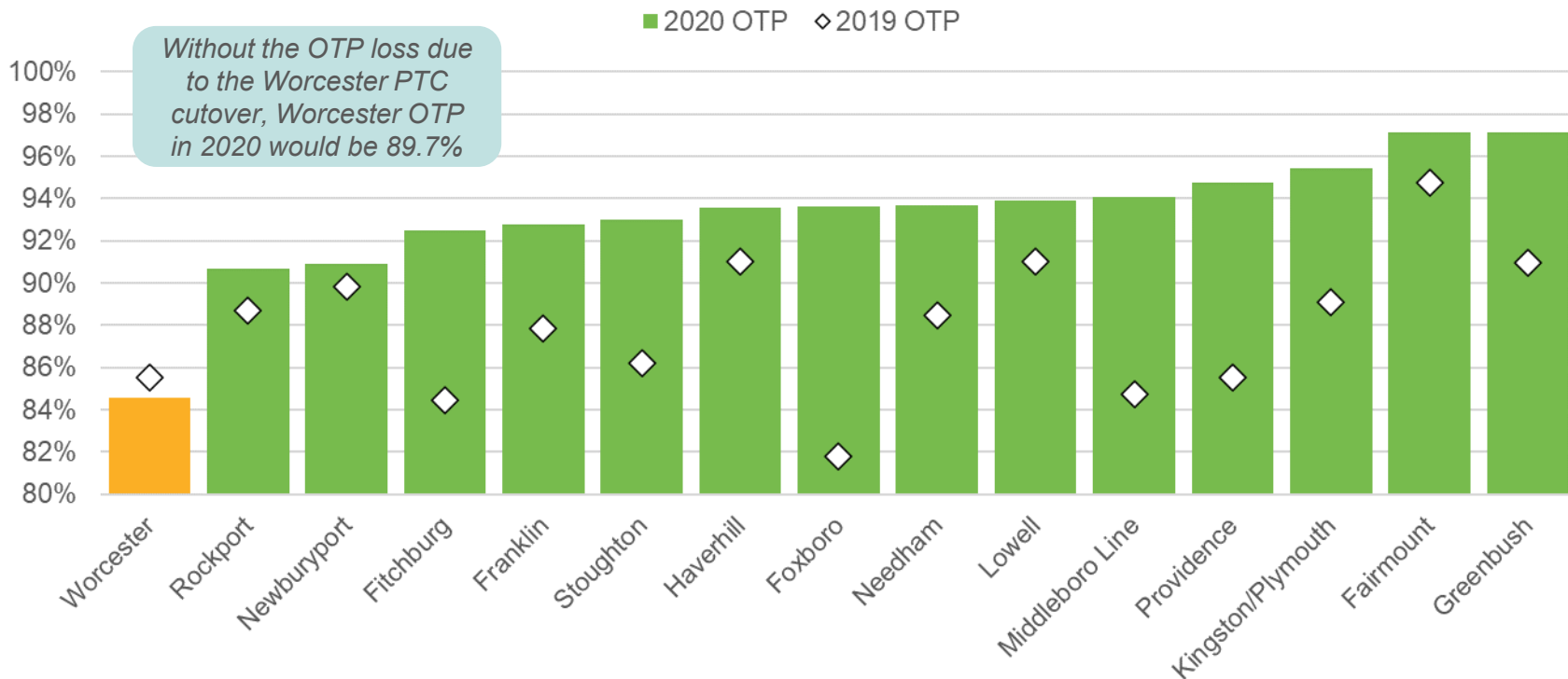
# On Time Performance





## On Time Performance – OTP by Line

All lines above 2019 OTP for 2020 YTD except Worcester





## OTP Within 5 Minutes

	August 2019	September 2019	October 2019	November 2019	December 2019	January 2020	February 2020	March 2020	April 2020	May 2020	June 2020	July 2020	Trailing Year Average
Fairmount	95.3%	96.6%	95.7%	89.3%	94.0%	97.7%	97.4%	97.8%	97.7%	95.5%	95.3%	98.9%	96.0%
Fitchburg	75.2%	84.9%	80.1%	77.1%	83.4%	90.1%	90.4%	95.2%	96.8%	93.4%	92.3%	92.4%	86.4%
Foxboro			76.1%	77.8%	88.1%	90.7%	95.3%	95.1%	96.6%	93.8%	90.0%	95.2%	89.5%
Franklin	91.6%	88.3%	79.5%	78.9%	84.9%	87.4%	92.1%	95.0%	97.0%	95.8%	91.0%	93.5%	89.1%
Greenbush	91.4%	95.0%	88.7%	89.2%	91.6%	95.8%	96.6%	97.5%	97.5%	98.8%	96.4%	97.9%	94.3%
Haverhill	91.3%	90.2%	86.5%	88.6%	85.2%	93.9%	94.2%	93.9%	97.1%	95.4%	90.5%	91.4%	90.9%
Kingston/Plymouth	89.0%	90.8%	89.3%	89.1%	92.0%	90.9%	95.6%	95.5%	97.9%	97.4%	94.0%	97.5%	93.0%
Lowell	93.6%	91.5%	84.5%	85.3%	86.2%	92.5%	93.3%	93.7%	98.2%	97.1%	94.7%	92.2%	91.0%
Middleboro	88.5%	87.0%	81.8%	83.9%	88.9%	91.7%	94.3%	94.1%	96.9%	96.3%	91.1%	94.7%	90.5%
Needham	87.8%	90.9%	88.3%	83.0%	81.3%	85.7%	92.7%	94.0%	94.4%	98.2%	96.1%	97.1%	90.4%
Newburyport	89.3%	90.1%	84.8%	87.1%	80.0%	84.9%	90.3%	92.1%	97.8%	92.7%	90.3%	93.7%	88.5%
Providence	87.5%	84.2%	80.5%	85.5%	85.6%	93.0%	92.3%	94.9%	98.4%	96.1%	93.9%	96.6%	89.9%
Rockport	87.2%	90.0%	82.8%	85.8%	79.7%	85.1%	89.3%	89.5%	93.6%	95.6%	90.0%	94.7%	88.0%
Stoughton	89.3%	91.8%	86.5%	86.4%	85.0%	88.8%	93.8%	90.1%	98.9%	87.5%	97.0%	97.1%	90.1%
Worcester	87.0%	87.3%	82.4%	71.6%	80.5%	85.8%	92.0%	94.6%	94.9%	96.7%	58.6%	69.5%	83.2%
<b>Grand Total</b>	<b>89.0%</b>	<b>89.8%</b>	<b>84.8%</b>	<b>83.6%</b>	<b>85.3%</b>	<b>90.2%</b>	<b>93.1%</b>	<b>94.4%</b>	<b>96.9%</b>	<b>96.0%</b>	<b>90.1%</b>	<b>92.8%</b>	<b>89.9%</b>



## OTP Within 10 Minutes

	August 2019	September 2019	October 2019	November 2019	December 2019	January 2020	February 2020	March 2020	April 2020	May 2020	June 2020	July 2020	Trailing Year Average
Fairmount	98.3%	98.4%	98.4%	95.7%	97.1%	98.5%	99.5%	99.1%	98.6%	97.6%	97.4%	99.4%	98.2%
Fitchburg	85.6%	92.0%	90.0%	86.7%	90.6%	94.4%	95.4%	97.0%	98.0%	94.9%	95.2%	95.7%	92.3%
Foxboro			87.2%	93.0%	94.3%	96.8%	98.4%	97.7%	96.6%	96.3%	94.0%	97.5%	95.5%
Franklin	97.2%	94.4%	88.1%	90.9%	93.4%	93.1%	97.8%	98.3%	99.1%	96.7%	96.1%	95.9%	94.8%
Greenbush	94.8%	97.3%	92.5%	94.7%	94.1%	97.8%	98.1%	98.8%	97.9%	99.0%	98.0%	98.8%	96.6%
Haverhill	95.7%	95.6%	92.7%	94.6%	92.2%	98.7%	96.8%	97.6%	98.7%	96.9%	95.7%	94.5%	95.5%
Kingston/Plymouth	94.2%	95.9%	94.3%	94.8%	96.2%	95.8%	97.7%	97.7%	98.7%	98.3%	95.1%	98.2%	96.3%
Lowell	96.1%	95.1%	93.0%	93.5%	92.3%	97.4%	97.8%	97.7%	99.0%	98.3%	96.6%	95.8%	95.7%
Middleboro	94.6%	94.5%	89.7%	93.0%	95.2%	94.9%	97.2%	98.2%	97.9%	97.8%	94.6%	97.1%	95.3%
Needham	94.0%	96.9%	94.8%	93.7%	93.1%	94.1%	97.9%	97.1%	97.2%	99.8%	98.0%	99.1%	96.1%
Newburyport	94.5%	95.3%	91.8%	93.4%	88.9%	91.4%	95.6%	97.2%	99.0%	95.4%	94.5%	96.9%	94.0%
Providence	94.8%	93.2%	90.3%	92.6%	92.4%	96.9%	96.8%	96.8%	99.0%	97.1%	95.4%	98.3%	95.0%
Rockport	93.3%	95.3%	90.4%	91.5%	87.7%	91.6%	93.5%	94.6%	96.7%	97.9%	93.4%	96.9%	93.2%
Stoughton	94.5%	96.6%	93.9%	93.9%	91.8%	94.2%	98.1%	96.3%	100.0%	88.8%	97.9%	97.6%	95.2%
Worcester	93.0%	92.9%	90.3%	81.7%	88.6%	92.2%	95.8%	96.8%	97.1%	98.8%	60.4%	70.4%	88.6%
<b>Grand Total</b>	<b>94.4%</b>	<b>95.1%</b>	<b>92.0%</b>	<b>91.8%</b>	<b>92.2%</b>	<b>95.2%</b>	<b>97.0%</b>	<b>97.4%</b>	<b>98.2%</b>	<b>97.5%</b>	<b>92.8%</b>	<b>94.8%</b>	<b>94.6%</b>





## #RideSafer with Commuter Rail

### *Activities to support safe transit use*

- Additional cleaning crews/shifts for enhanced sanitization of passenger areas
- Keolis testing new tools to provide even more thorough sanitization, such as electrostatic sprayers
- Employee areas also receiving enhanced sanitization.

### **More mobility options for passengers, promoting distance:**

- Fairmount enhanced service pilot
- Five-day flex pass
- Lynn Zone 1A pilot
- June 22 schedule change – smooths over rush hours to provide more options that meet contemporary travel habits.

### **Robust communication efforts to remind passengers:**

- Masks are required
- Purchase fares with mTicket app
- All coaches on all trains remaining open to promote distancing.







## Current PTC Activities and Progress

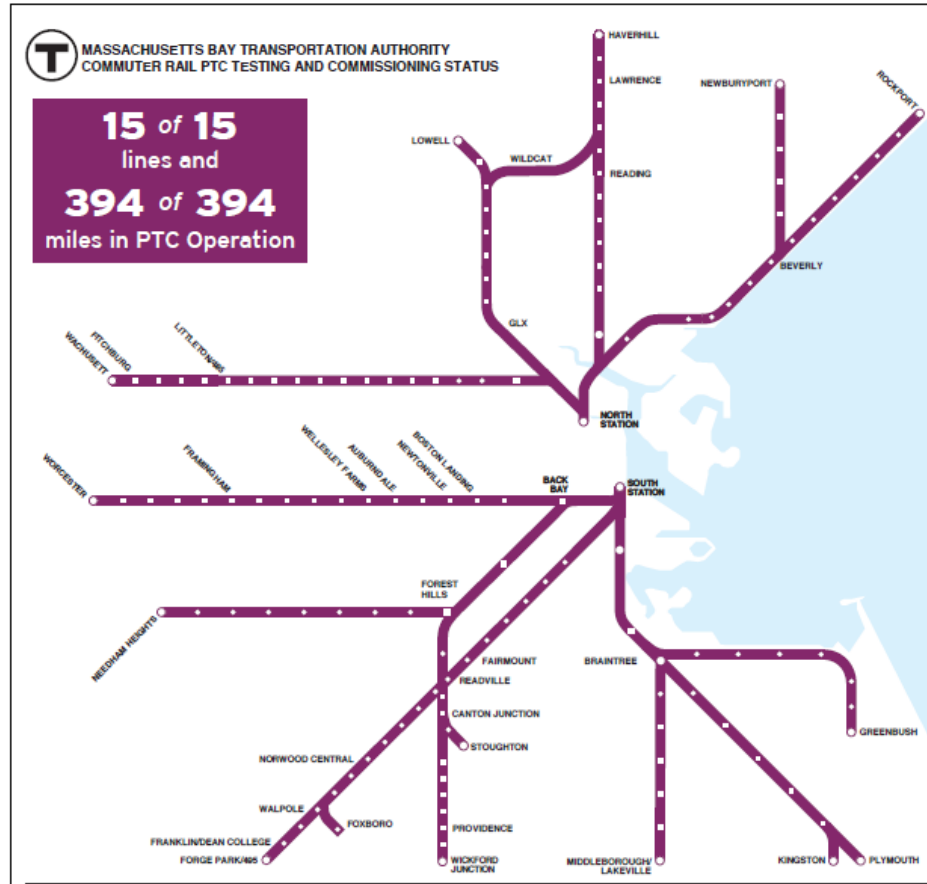
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### ◎ **The PTC Program is On Schedule to be Completed Before December 31, 2020 in Full Compliance with FRA PTC Regulations**

- The FRA issued Conditional Safety Certification for the MBTA PTC System on June 30<sup>th</sup>
- All 15 of the MBTA's commuter rail lines have PTC in operation (394 of 394 route miles - 100%); the last segment (the Worcester line between Framingham and Boston) was placed in service on August 15<sup>th</sup>
- All MBTA commuter rail revenue vehicles have PTC equipment installed and fully operational; all defective onboard PTC equipment has been replaced and is performing well
- Interoperability testing with tenant railroads (Amtrak, CSX, and Pan Am) is proceeding and expected to be completed in the Third Quarter of 2020



# Current PTC Activities and Progress





## Current North Side ATC Activities and Progress

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### ⦿ The North Side ATC Program is Proceeding On Schedule to Meet FRA Requirements

- On June 19<sup>th</sup> FRA approved MBTA's application to extend the North Side Variance from December 31, 2020 to December 31, 2022. The approved extension commits MBTA to complete the implementation of ATC on all North Side lines as follows:
  - Lowell and Wildcat Lines to be completed by year end 2020
  - Fitchburg Line to be completed by year end 2021
  - Rockport, Newburyport and Haverhill Lines to be completed by year end 2022
- Design and Material Procurement is in progress
- Site installation work is complete on the Wildcat Branch, nearing completion on the Lowell Line, and underway on the Fitchburg Line
- Testing on the first section of the Lowell Line (GLX area) is underway and the ATC on this segment is scheduled to be placed in service on August 31<sup>st</sup>
- Weekend diversions are planned to support commissioning activities

# North Side ATC



MASSACHUSETTS BAY TRANSPORTATION AUTHORITY  
COMMUTER RAIL NORTH SIDE ATC PROJECT

-  To be complete 12/31/2020
-  To be complete 12/31/2021
-  To be complete 12/31/2022

