



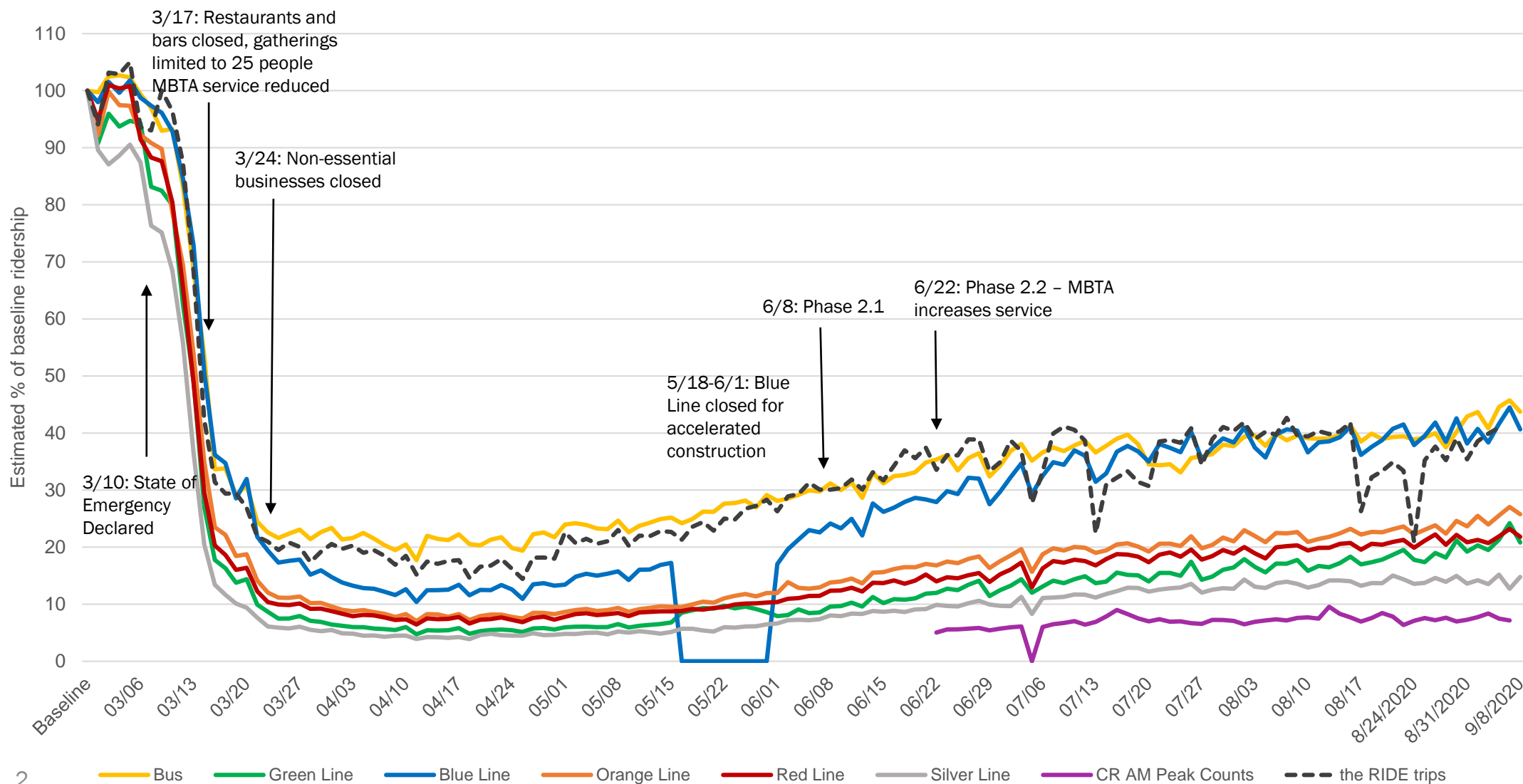
**Massachusetts Bay
Transportation Authority**

Report from the General Manager

Fiscal and Management Control Board

August 24, 2020

Weekday Ridership by Line and Mode - Indexed to Week of 2/24



Baseline:
Average weekday from 2/24-2/28

Sources:
Faregate counts for subway lines, APC for buses, manual counts at terminals for Commuter Rail, RIDE vendor reports

Notes:
Recent data preliminary



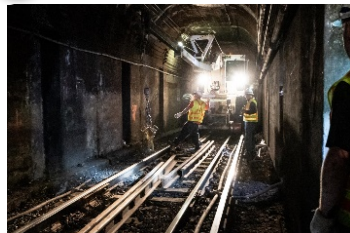
Surges Complete | May – August 2020

Leveraged low ridership while restrictions are in place due to COVID-19 directives


May

 **Blue Line (Airport to Bowdoin)**
Harbor Tunnel Infrastructure Upgrades

BL 5/18 – 5/31 ✓



June

 **D Branch (Riverside to Kenmore) Two 9-Day Closures**
Track & Signal Improvements, Fenway Portal Flood Protection, Brookline Hills TOD

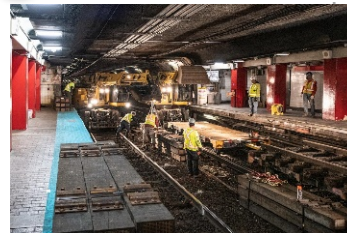
D 6/6 – 6/14 ✓



D 6/20 – 6/28 ✓

 **Red Line (Braintree to Quincy) 14-Day Closure**
On-call Track 2, South Shore Garages, Track Modernization

RL 6/18 - 7/1 ✓




July

 **C Branch (Cleveland Circle to Kenmore)**
28-Day Full Closure
Track & Intersection Upgrades

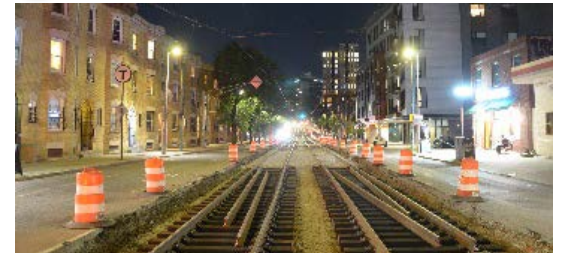
C 7/5 – 8/1 ✓



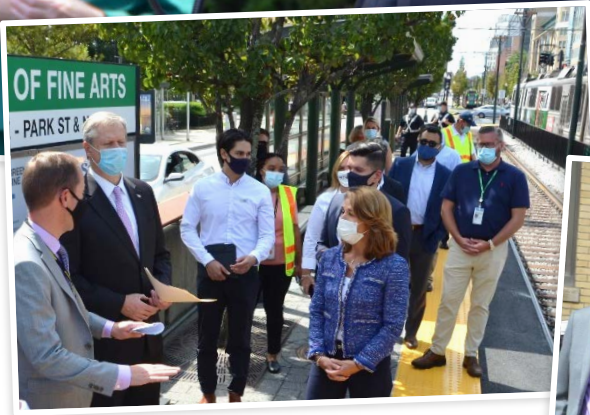
August

 **E Branch (Heath to Symphony)**
28-Day Full Closure
Track & Intersection Upgrades

E 8/2 – 8/29 ✓



Successful Completion of Accelerated E Branch Work

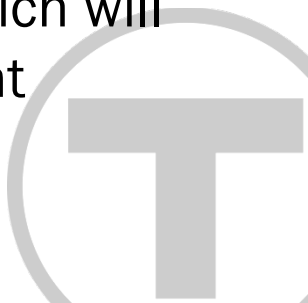


Green Line Signal Upgrade 25hz to 100hz



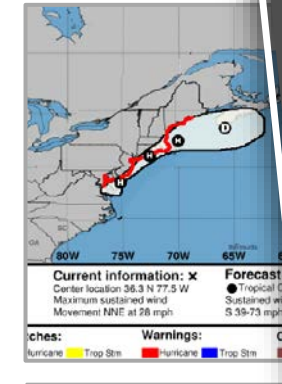
E&M Signal Department cut over an upgrade of signal equipment at Symphony Station and Prudential Station on August 26th, 2020 for 7,400 feet of system improvement replacing:

- **Obsolete 25hz** analog signal circuit equipment were originally manufactured in 1908 and are repaired with parts fabricated in-house
- **Modern 100hz** digital signal circuit equipment is more reliable and maintainable with readily available equipment, and more resistant to electrical interference
- Additional improvements planned for: Hynes, Arlington, Boylston, Government Center, Park St., and Copley which will ultimately address 24,000 feet of system improvement



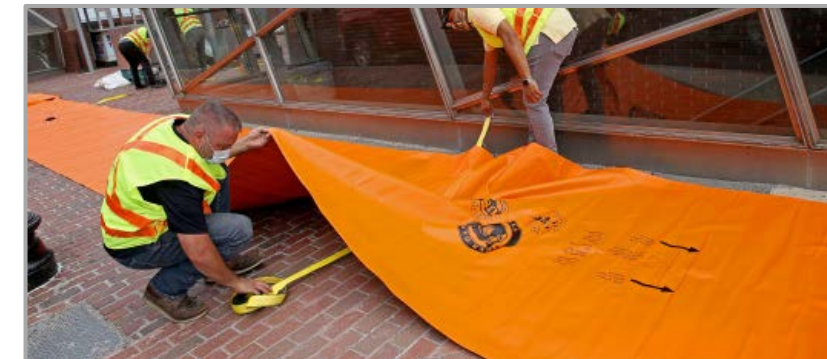
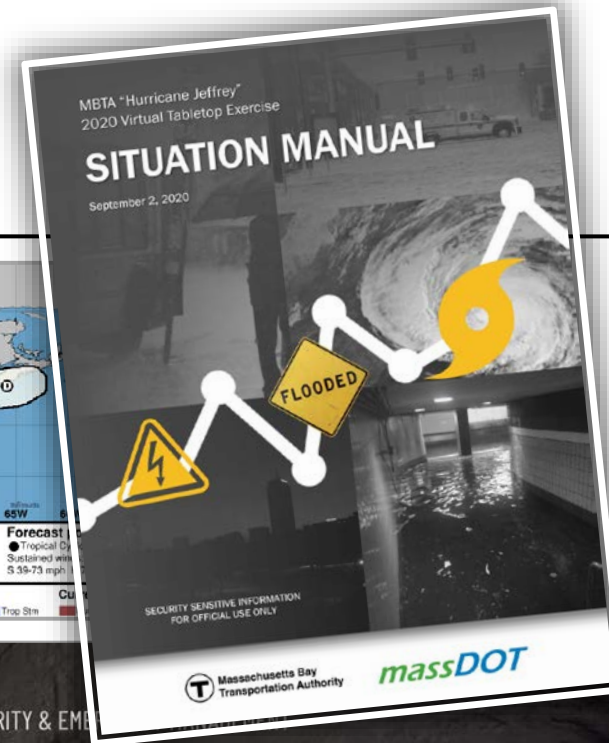
MBTA Virtual Hurricane TTX

- On 9/2, the MBTA conducted its first virtual tabletop exercise with nearly 100 participants from both Operating and Administrative departments
- The multi-stage exercise scenario focused on a Category 3 hurricane making landfall near Boston and what MBTA preparations would look like at 120/72/48 hours prior:
 - Facility and fleet vulnerability and mitigation plans (relocation, flood-proofing, etc.)
 - Impact of possible state actions (evacuation, travel ban, etc.)
 - COVID-19 considerations (employee availability, crowding, etc.)
 - Service planning and customer communications
- Very high level of participation with numerous challenges and ideas identified for further study and/or action
- After Action Report in development



Current information: x	Forecast
Center location 36.3 N 77.5 W	● Tropical
Maximum sustained wind	Sustained wind
Movement NNE at 58 mph	S 39-73 mph

Warnings:	Warnings:	
Hurricane	Trop Str	Hurricane
		Trop Str



Fare Transformation – Charles/MGH Field Test

- Tap targets were upgraded at two fare gates
- Testing began on hardware, software and back office communications
- Field test includes new signage to help customers interact with the gates
- This test will identify any issues which will be resolved prior to upgrades at other stations



APTA Safe System Designation

