



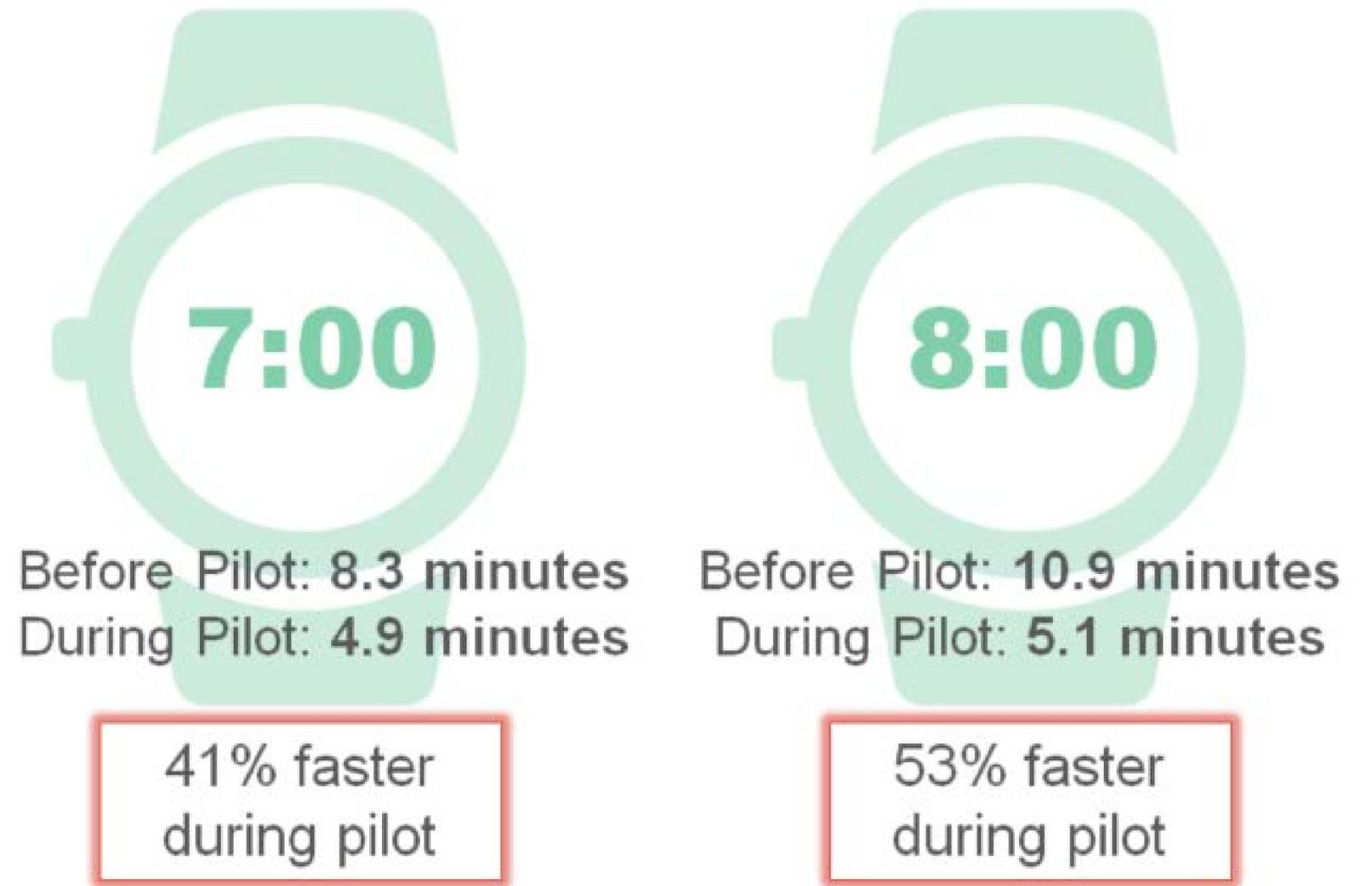
Massachusetts Avenue Bus Priority Lane Implementation

Select Board Meeting

February 25, 2019

BRT Pilot MBTA Data

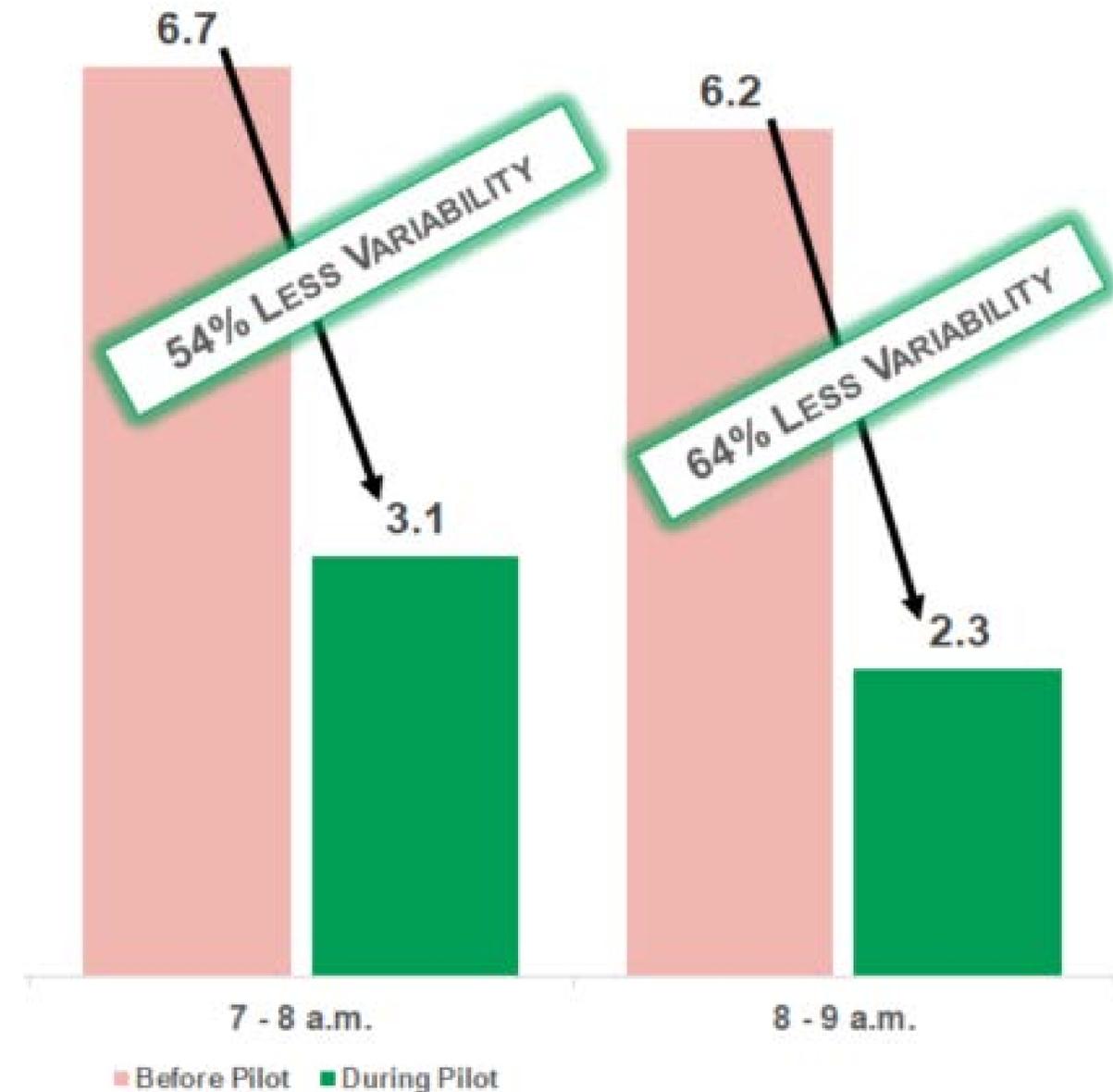
- Data analyzed before, during, and after the pilot for Routes 77, 79, 350
- MBTA Buses ran **5 minutes faster on average** through the pilot corridor especially during 7:00-8:00 a.m. and 8:00-9:00 a.m. rush hours
- Median travel times **41% and 53% faster** at 7:00-8:00 a.m. and 8:00-9:00 a.m. for Route 77
- **28% and 41% faster** at 7:00-8:00 a.m. and 8-9 a.m. for routes 79 and 350



Route 77 Median Travel Time, Inbound

BRT Pilot MBTA Data

- MBTA Buses ran **consistently faster and reliability increased** – variability fell below 5 minutes for all routes
- Travel time in pilot corridor 8:00-9:00 a.m. for Route 77 before pilot: 11-17 minutes; **during pilot: 5-7 minutes**

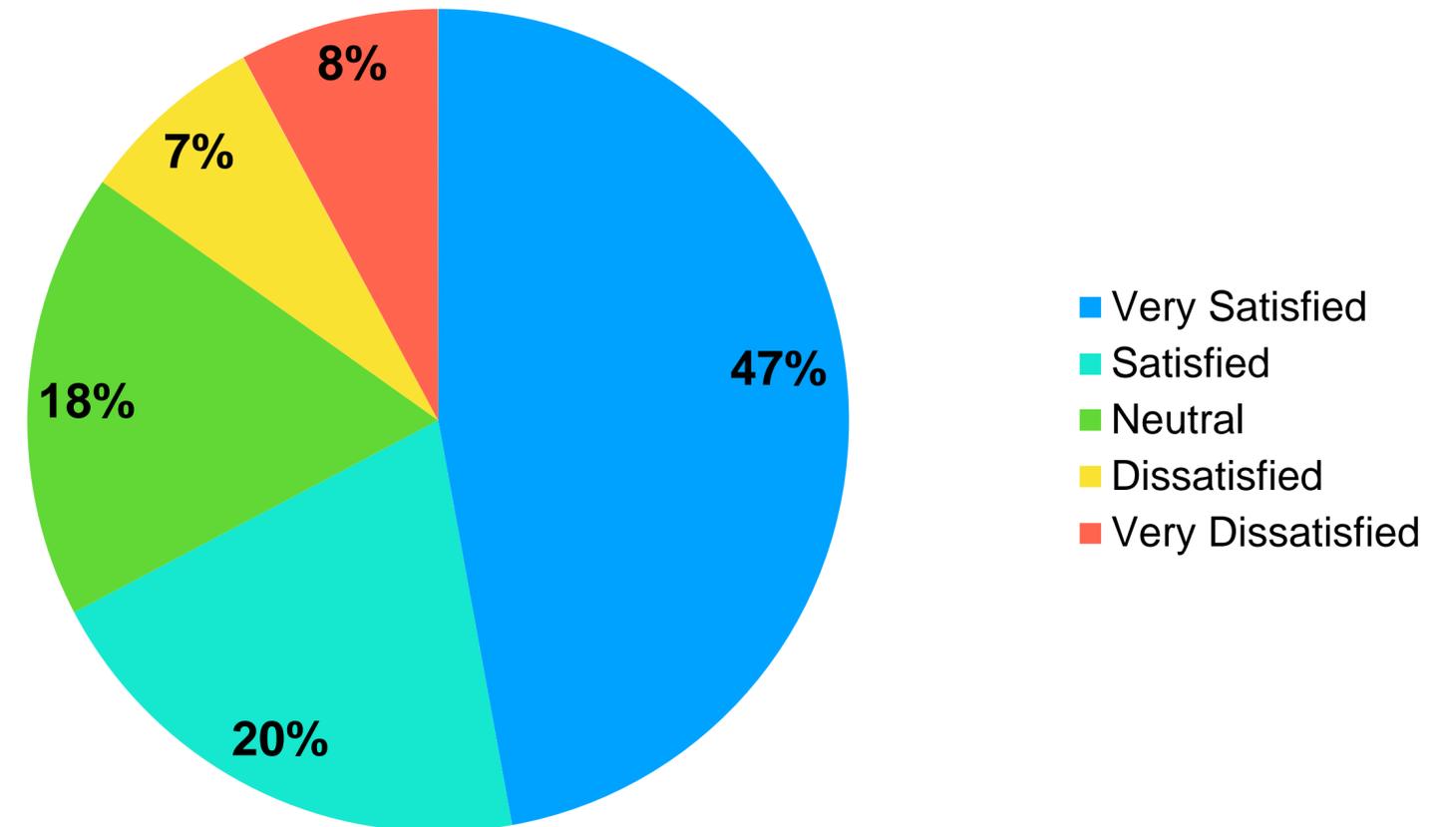


Route 77 Difference Between Median and 90th Percentile

Post-Pilot Survey

- Open from **November 14-30, 2018**; received **382** responses
- Respondents: **drivers (43%)**, **bus riders (36%)**, **cyclists (14%)**, **walkers (4%)**
- **Over 2/3** of respondents **very satisfied or satisfied** with their pilot experience
- **Over 70%** said the dedicated bus lane should **remain**

Based on your experience in you most common mode of travel, how satisfied are you with the BRT Pilot on Mass Ave?



Bus Priority Lane Implementation

- 6:00-9:00 a.m., Monday-Friday
- Same length as pilot location -- Varnum Street to Alewife Brook Parkway
- Infrastructure -- signage and pavement markings



R3-11b



R3-12f



R3-12g



Bus Priority Lane Implementation

- Enforcement -- one traffic officer dedicated to parking enforcement for the first 30 days
- Afterwards, a Sector Officer assigned to the area for periodic monitoring
- Snow Clearance – keep parking lane clear of snow as normal

