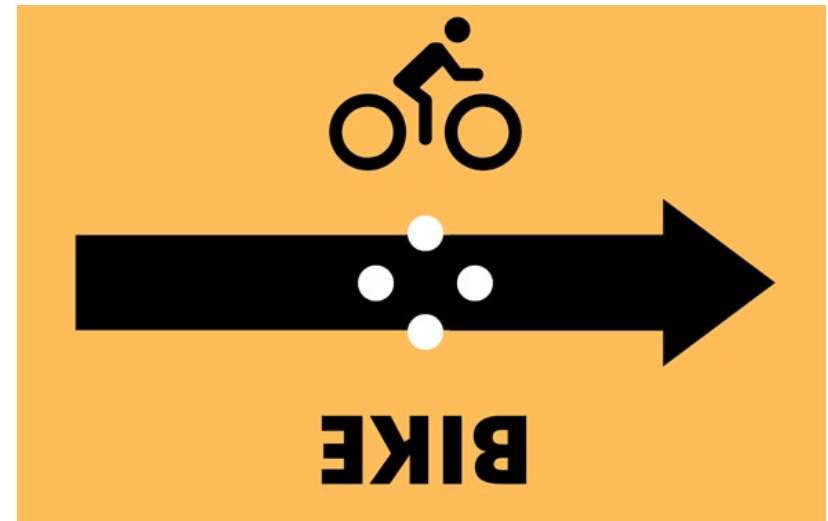


Highway Administrator's Report

Jonathan Gulliver
September 21, 2022

Orange Line Shutdown Coordination Efforts

- Effective Aug. 8: established daily cadence of coordination calls involving Highway, impacted municipal leaders and key staff, law enforcement, public safety personnel, stakeholder and advocate groups, others.
- Objective: to create a platform for information sharing, process for identifying unique needs of impacted communities and stakeholder groups, determine locations and kinds of resources necessary to accommodate shuttle routes while minimizing impacts to general traffic, pedestrians, cyclists.
- Result: enhanced coordination among participants; streamlined process for decision making; fostered collaboration through ongoing communication.



Orange Line Shutdown Coordination Efforts



- In addition to daily coordination calls, process evolved into a series of topic-specific working groups:
 - Public Safety
 - Roadway Impacts
 - Vulnerable Roadway Users
 - Communications
- Significant investment of time: in addition to daily calls, each individual working groups first met during the second week of August; held no fewer than 12 meetings, as many as 20 throughout the process.
- Multi-disciplinary approach comprised of state and local planning, traffic, engineering, operations, public safety agencies, municipal leaders, advocate groups, many others.
- Process allowed for extensive monitoring of entire corridor, constant information sharing, real-time tweaks to travel patterns.
- Covered a wide range of ground through collaboration resulting in a process for rapidly identifying areas of concern during shutdown, support for public messaging of impacts, first-ever low-stress cycling guide to avoid shuttle buses.
- Process can serve as a model for how to manage future instances of events creating major disruptions.

Sumner Tunnel Weekend Closure #11

Roughly one-third of the way through 36 weekend closures in Phase I.

- As work progresses, updates occurring to outreach efforts, including:
 - Upgrading the project website to prioritize most important information.
 - Providing a longer range outlook for weekend closures.
 - Enhancing the distinction between Sumner, Callahan, and Ted Williams Tunnels (numbered routes, directions, more specificity around getting to and from Logan Airport).
 - Broadening our reach to points further north: New Hampshire, Maine, elsewhere.



Municipal Pavement Program: Hardwick

- This summer, completed Rubber Chip Seal on Routes 32 and 32A in Hardwick through MPP – \$2.1 million for approximately 13 miles of improvements.
- The Municipal Pavement Program seeks to improve the condition of municipally owned, state numbered routes, with an emphasis on National Highway System (NHS) roadways, and to find opportunities to improve safety and accessibility for all modes.
- Projects are selected by MassDOT each fiscal year based on pavement condition data, the proportion of state numbered routes in poor condition in a municipality, and geographic equity.
- MassDOT works closely with selected communities to develop a scope of work for each roadway segment. All work is conducted by MassDOT contractors in coordination with the municipality.
- We selected our FY24 segments in July and are working with the 28 selected communities now to solidify the scopes of work for 33 roadway segments. We will be implementing these projects this fall and spring/early summer. We have \$25M for FY24, an increase from \$15M in FY23 (the first year of the program), which will result in a significant increase in capacity to address more municipal roadways in need.



Traffic Safety: GPS Beacon Replacement

- Since this summer, MassDOT's Traffic Safety team has been replacing the Waze beacons in the Central Artery Tunnels.
- These GPS-enabled beacons have been installed within tunnel system since 2017, making GPS signal available to drivers using Waze or Google Maps.
- The beacons have helped to reduce crashes caused by driver confusion from lack of continuous navigation prompts.
- In five years since first installed, beacons' batteries were at or approaching full life expectancy.
- This project has been an important collaboration involving Traffic Safety and Tunnel groups.

