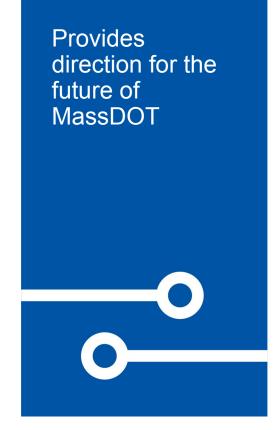


Beyond Mobility

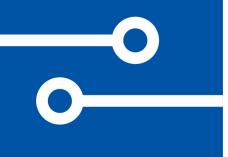
Introduction & Overview

Plan Purpose & Desired Outcomes

Articulates a vision for the future of transportation in Massachusetts



Serves as a strategic plan across modes



Guides future capital planning and program sizing







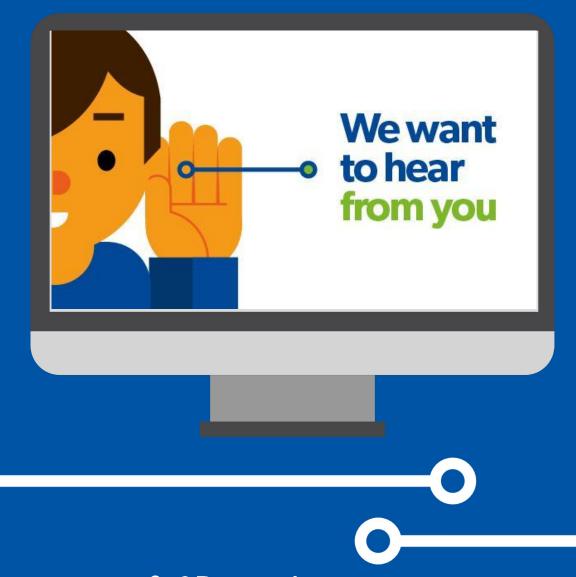
The Process

- Assessment: Present – Fall 2022
- Visioning: Present –
 Summer 2022
- Evaluation: SummerSpring 2023
- Recommendations: Spring 2023 – Fall 2023



Establishing a Vision

- Phase 1 Engagement:
 - Vision & Values for transportation in Massachusetts
 - Needs & Barriers experienced by transportation users
- Activities:
 - Multilingual/Multiethnic Focus Groups & Interviews – Spring 2022
 - Community Survey closes July 31, 2022
 - Stakeholder & Internal Meetings Spring/Summer 2022







What We Are Doing With Feedback

- Updating engagement and feedback channels
- Validating or correcting our data
- Validating or correcting our assumptions
- Educating ourselves about new trends, challenges, opportunities
- Establishing shared vision and values
- Informing and correcting investment decisions
- Sharing it with key decision-makers and leaders





Public Outreach Overview

'casting a wide net'

- Traditional (virtual) public meetings
- Focus groups with targeted (hard to reach) populations
- Interviews with targeted (hard to reach) populations
- Survey V
- Community activations*
- Stakeholder group meetings and presentations
- Social media, including website
- Meeting In A Box*





Public Engagement Tools & Toolkit





e list three key qualities that describe your ideal future portation system.*
ine we have achieved a flawless transportation system for achusetts. What does a great transportation system do for you?*
t up to three aspects of the current transportation system you d like to see improved or changed in your lifetime?*
t up to three aspects of the current transportation system you d like to see improved or changed in your lifetime?* Equity & Fairness: allocating resources for transportation in a way that corrects for past injustices and equitably addresses communities' unique needs and
t up to three aspects of the current transportation system you d like to see improved or changed in your lifetime?* Equity & Fairness: allocating resources for transportation in a way that corrects for past injustices and equitably addresses communities' unique needs and preferences.



Visioning Survey Emerging Themes So Far

- Intermodal connectivity (better timed service connections between modes, more frequency)
- Lots of mobility options; not needing a car
- Increased EV charging options
- Late night and weekend transit service
- A need to better maintain sidewalks and bike lanes
- Congestion (but in the context of reliability and lack of other modal options)





Needs Assessment Sub-Tasks

- Define the System
 - Leverage GeoDOT to assemble a GIS database of system components for the needs assessment
- Compile Barriers
 - Compile well-known transportation barriers and structural barriers to accessibility, grouped by mode and category
- Analyze Data for Site-Specific Barriers
 - Identify general site-specific transportation barriers for the SLRTP
- Identify Proposed Site-Specific Investments
 - Identify gaps between known barriers and planned investments.
 - Investments will be viewed through an equity lens to understand if barriers are being resolved by programmed projects equitability
- Synthesize Findings





Use of the SLRTP's Plan Inventory

- Focuses on data from 68 plans & policies inventoried for the SLRTP
- Through those inventories Barriers & Recommendations were identified:
 - 337 Barriers
 - 901 Recommendations
- Barriers & Recommendations classified by high-level categories in the inventories:
 - Safety
 - Roadways
 - Public Transportation
 - Active Transportation
 - Airports
 - Good Movements









Barrier & Recommendation Mapping

- Barriers & Recommendations were further categorized by themes
- Both elements were mapped for all categories
- This is first step in compiling barriers and recommendations for the Commonwealth

	Theme			
AT	Bike			
	Pedestrian			
	Roadway Access			
	Roadway Congestion and Reliability			
	Roadway Operations and Maintenance			
	Roadway Safety			
	Transit Amenity			
Transi	Transit Access and Connectivity			
t t	Transit Operations and Maintenance			
, i	Transit Safety			
	Transit Reliability			
	Freight			
	Air Transit			
	Community Character and Trends			
	Environmental/Sustainability/Resilience			
	Funding			





Transportation Justice Communities

- Low-Income Households
- Minority Race
- Limited English Proficiency
- Zero-Vehicle Households
- Disabilities
- Broadband access





Transportation Impacts

Category	Indicator	+/-	Source
	Sidewalk Coverage	+	MassDOT Open Data Portal
Infrastructure	Bicycle Facility Coverage	+	MassDOT Open Data Portal
imastructure	Potential for Walkable Trips	+	MassDOT Open Data Portal
	Potential for Bikeable Trips	+	MassDOT Open Data Portal
	Vehicle Crashes	-	MassDOT Open Data Portal
Safety	Bicycle & Pedestrian Crash Clusters	-	MassDOT Open Data Portal





Transportation Impacts

Category	Indicator	+/-	Source
A ffordability	Housing Costs	-	MA Association of Realtors
Affordability	Transportation Costs	-	H+T® Affordability Index
A coossibility	Jobs	+	LEHD
Accessibility	Critical Destinations*	+	MassGIS
C ny ironnont	AADT Exposure	-	geoDOT
Environment	Particulate Matter	-	geoDOT

*Critical Destinations include:

- Food Retailers
- Acute & Non-Acute Care Hospitals
- Community Health Centers
- K-12 Schools & Colleges
- Public Housing







Boston Regional MPO Zero-Vehicle Households

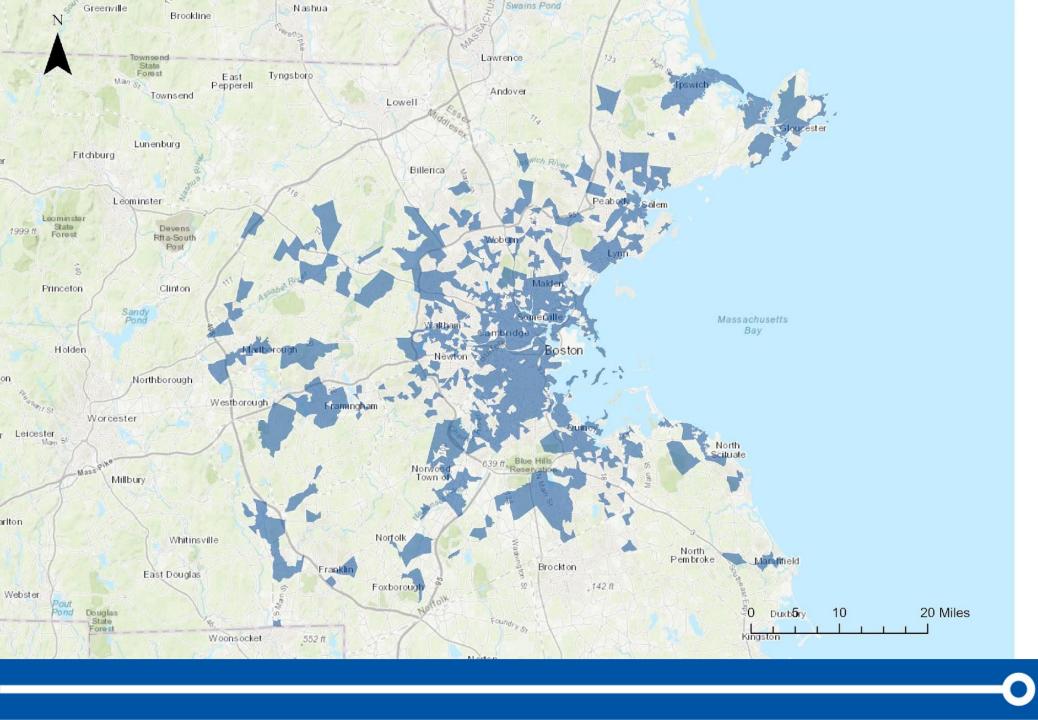
0% - 4%

5% - 12%

13% - 21%

22% - 36%

37% - 100%



BRMPO Transportation Justice Communities

- Low-Income Households
- · Minority Race
- Limited English Proficiency
- Zero-Vehicle Households

About Beyond Mobility

What is Beyond Mobility?

Beyond Mobility is MassDOT's 2050 Statewide Long Range Transportation Plan. The Plan will document the most pressing transportation priorities for Massachusetts to address between now and 2050.

Watch the short video at this link and view the new plan website to learn more about it.

How Can You Get Involved?

We want you to lead the conversation and there are multiple ways for you to help us:

- Take our short survey (https://arcg.is/0HHyPD) now and share with your network.
- 2. Follow MassDOT on <u>Facebook</u> and <u>Twitter</u> to keep up to date on all Beyond Mobility activities and share these with your network.
- 3. Ask your organization to share the Beyond Mobility website and survey, follow MassDOT on social media, and repost all relevant postings.

Massachusetts is going places – and getting there begins with you.



Beyond Mobility Hub Site

https://beyond-mobility-massdot.hub.arcgis.com/



Take the Survey

https://arcg.is/0HHyPD



