



Beyond Mobility

Introduction & Overview

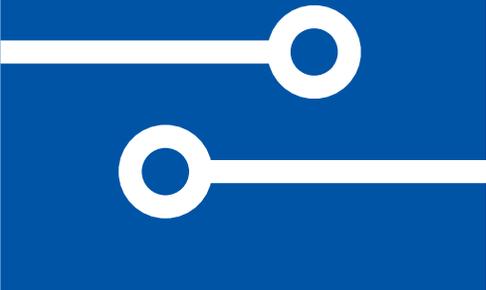
May 2022

Plan Purpose & Desired Outcomes

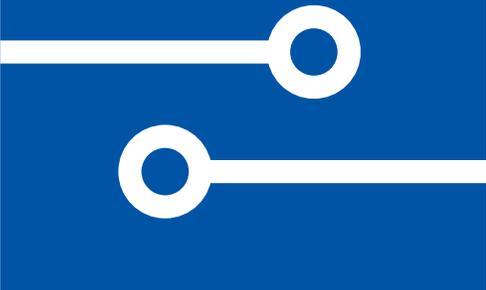


Articulates a vision for the future of transportation in Massachusetts

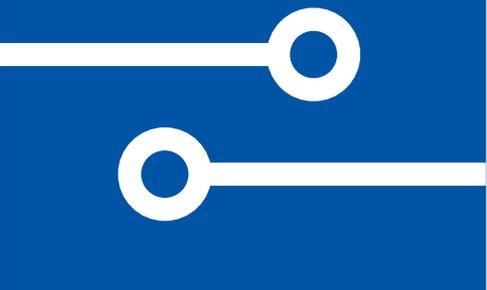
Provides direction for the future of MassDOT



Serves as a strategic plan across modes



Guides future capital planning and program sizing

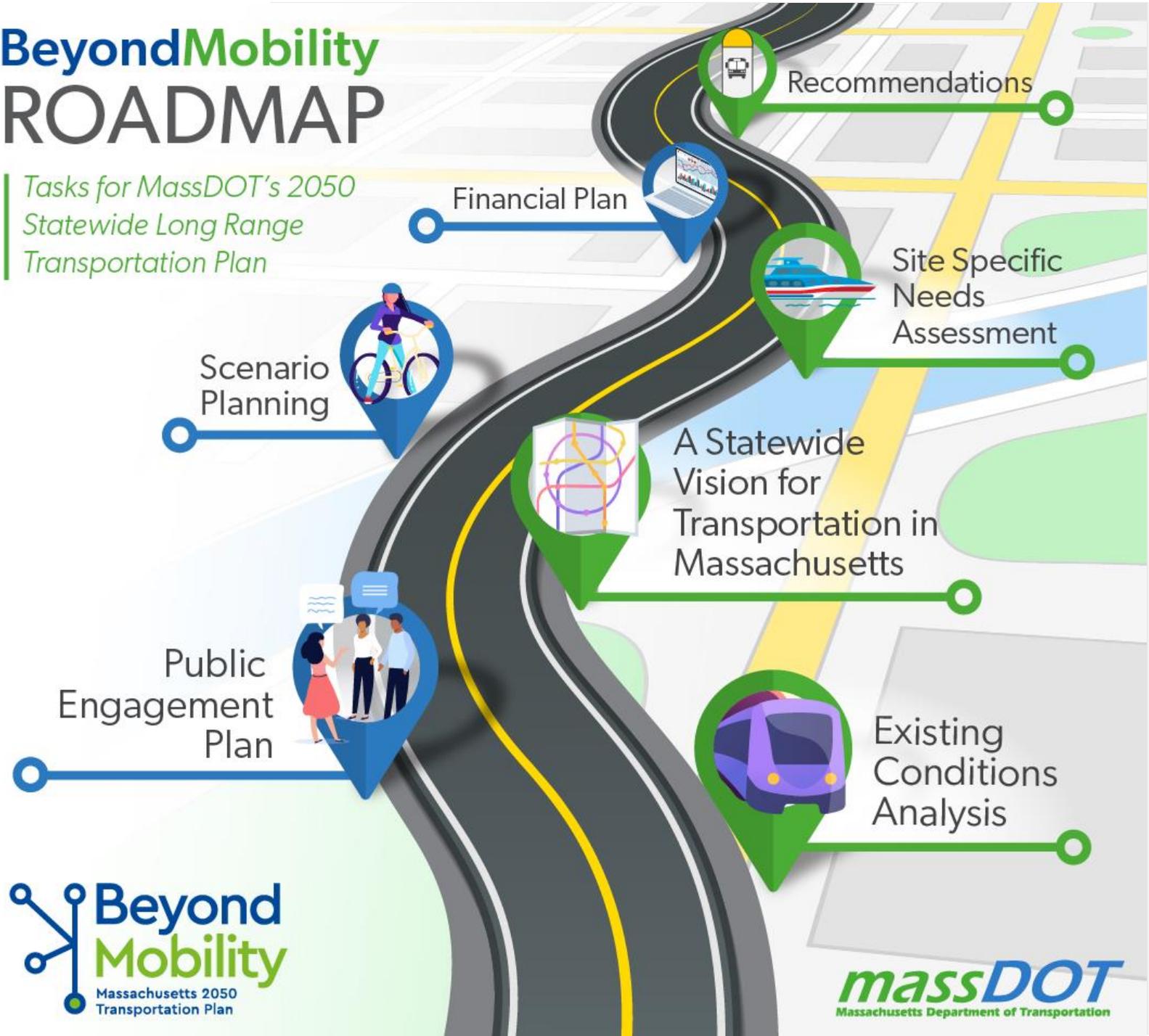


The Process

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

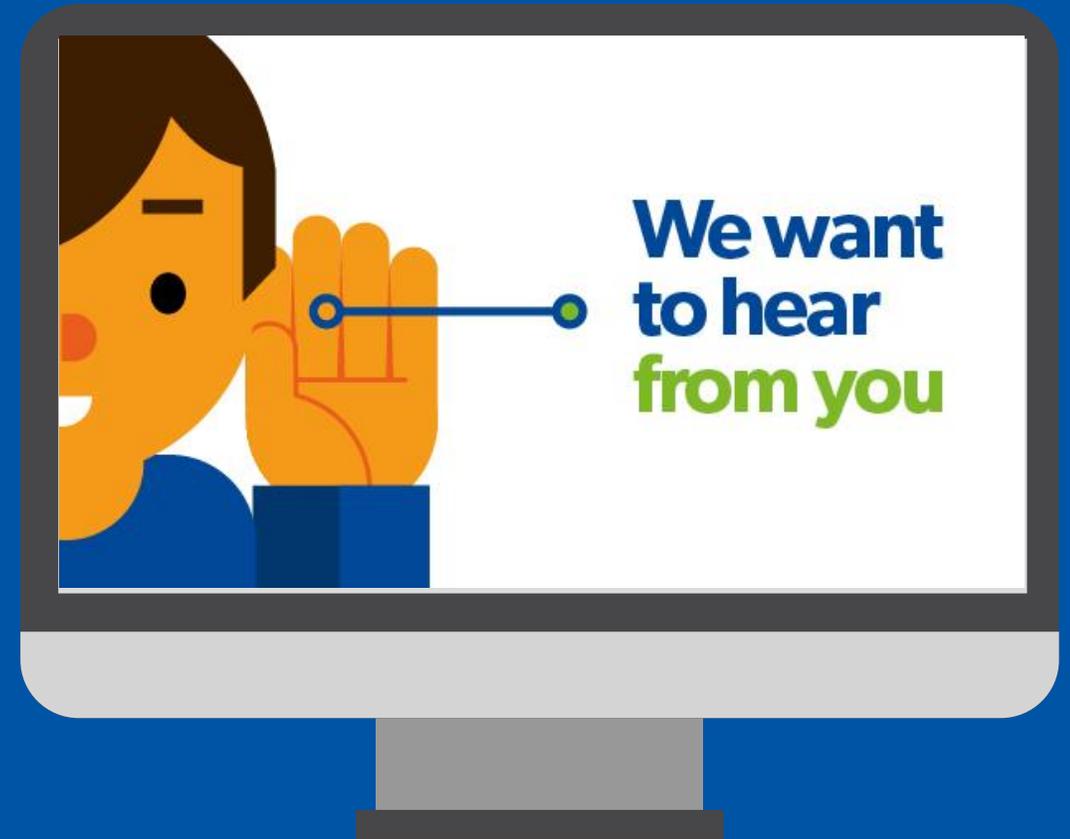
BeyondMobility ROADMAP

Tasks for MassDOT's 2050
Statewide Long Range
Transportation Plan



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 8, 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 ✓
- Community activations*
- Stakeholder group meetings and presentations
- Social media, including website ✓
- Meeting In A Box*

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	Roadway Access
	Roadway Congestion and Reliability
	Roadway Operations and Maintenance
	Roadway Safety
Transit	Transit Amenity
	Transit Access and Connectivity
	Transit Operations and Maintenance
	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

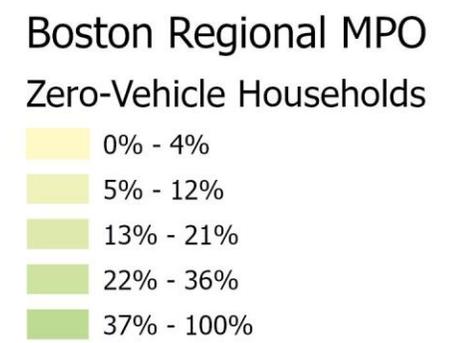
Category	Indicator	+/-	Source
Infrastructure	Sidewalk Coverage	+	MassDOT Open Data Portal
	Bicycle Facility Coverage	+	MassDOT Open Data Portal
	Potential for Walkable Trips	+	MassDOT Open Data Portal
	Potential for Bikeable Trips	+	MassDOT Open Data Portal
Safety	Vehicle Crashes	-	MassDOT Open Data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

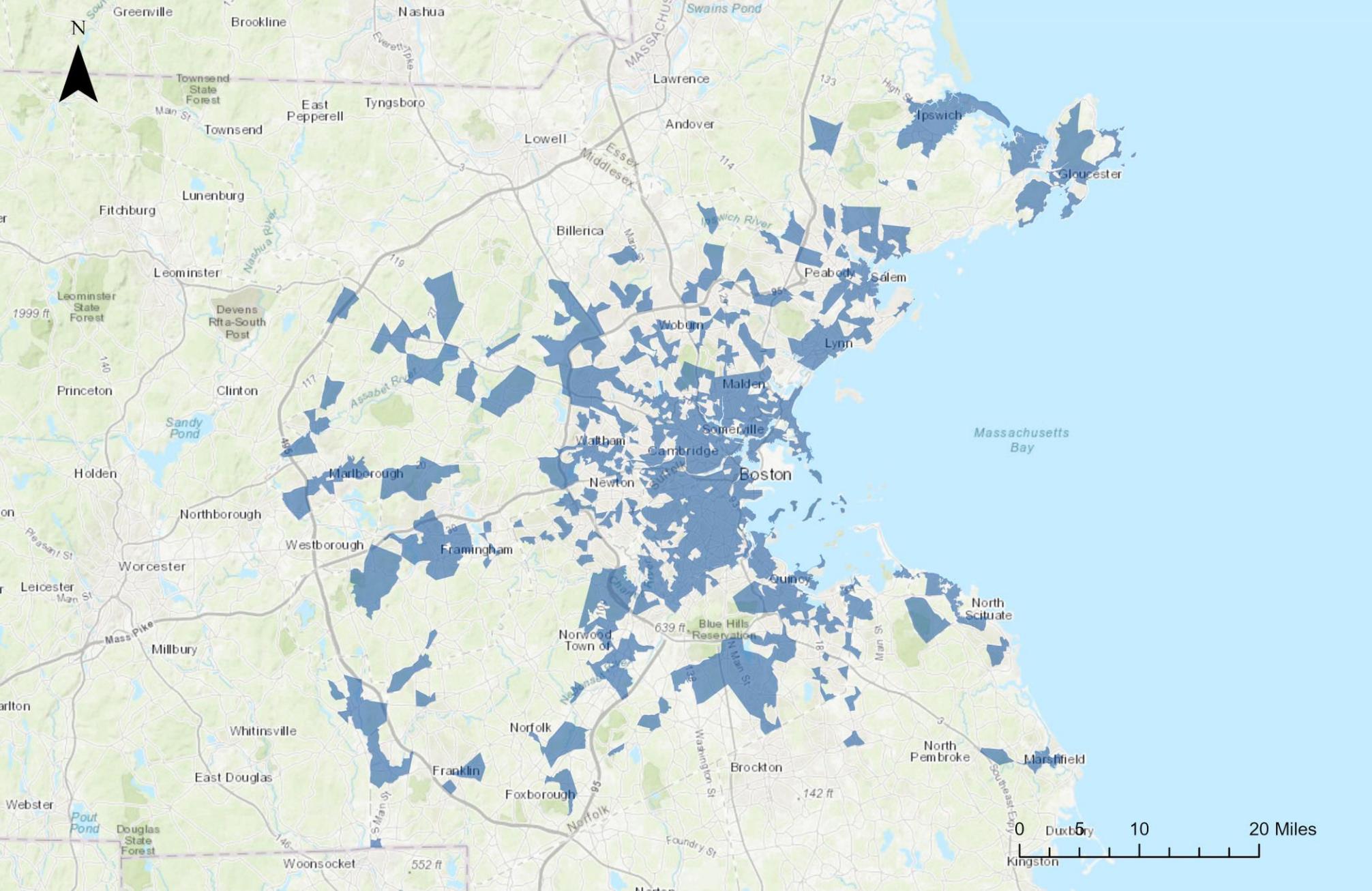
Transportation Impacts

Category	Indicator	+/-	Source
Affordability	Housing Costs	-	MA Association of Realtors
	Transportation Costs	-	H+T [®] Affordability Index
Accessibility	Jobs	+	LEHD
	Critical Destinations*	+	MassGIS
Environment	AADT Exposure	-	geoDOT
	Particulate Matter	-	geoDOT

*Critical Destinations include:

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





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:

1. Take our short survey (<https://arcg.is/0HHyPD>) now and share with your network.
2. Follow MassDOT on [Facebook](#) and [Twitter](#) 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>