

MASSACHUSETTS BICYCLE TRANSPORTATION PLAN

September 17, 2018

massDOT
Massachusetts Department of Transportation

- The last Statewide Bicycle Plan was adopted in 2008
- The 2018 plan will prioritize policies, programs, processes, and projects
- Companion documents to the plans will be the
Municipal Resource Guide for Bikeability
- \$60 million is programmed in the CIP FY19-23 for implementation of the Statewide Pedestrian Transportation Plan and Statewide Bicycle Transportation Plan
- MA Bicycle and Pedestrian Advisory Board serves as the steering committee on both plans

Biking in Massachusetts should be **safe, comfortable, and convenient**

Provide high comfort
and well-connected
bike networks.

Advance biking for
everyday travel, especially
for short trips.

Appeal to the
**broadest base of
users**, statewide.

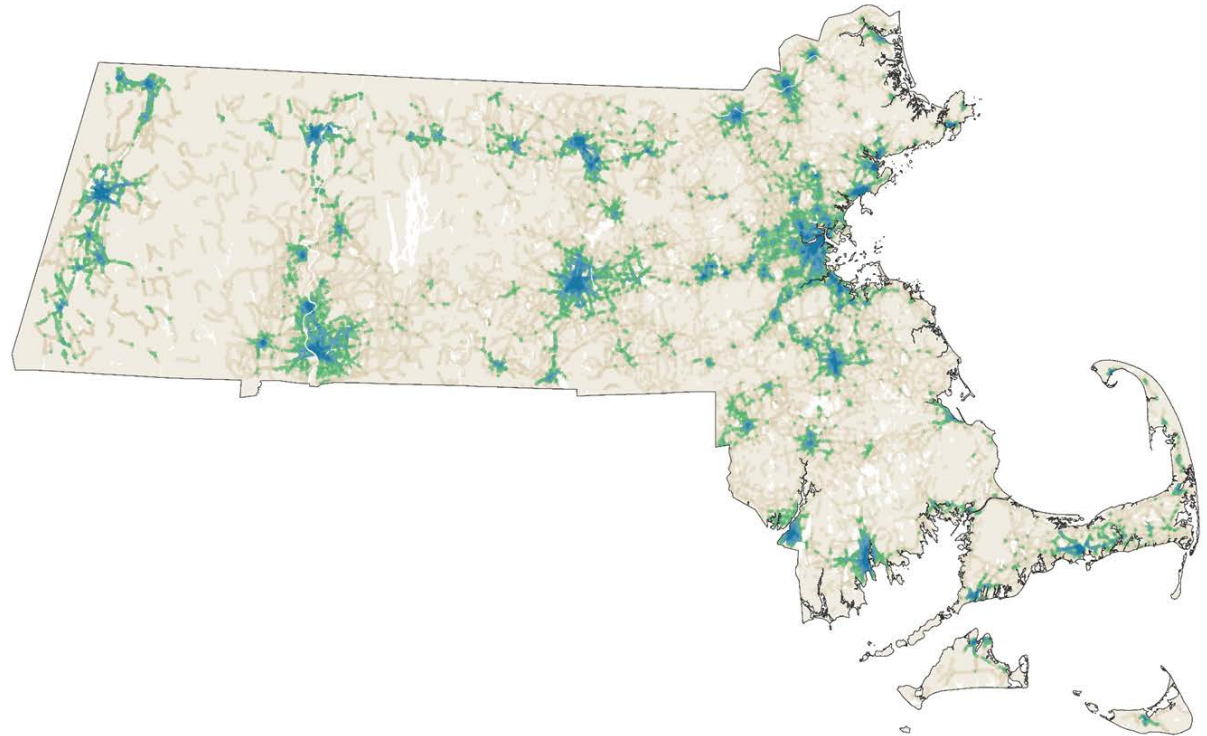


- Conducted year-long public outreach program to inform the guide and the plan
- Identified emerging bicycling trends
- Updated MassDOT's bicycle facility inventory
- Estimated current and future trip demand through modeling and other analytics
- Determined regional network gaps (physical and seasonal)
- Developing strategic action plan to address system gaps across regional networks (investments, programs, and policies)

Potential for Everyday Biking scores

Inputs:

- Short trip activity for work and non-work trips
- Transit access
- Crashes
- Social equity



**Highest Potential for
Everyday Biking**
3% of land area

**High Potential for
Everyday Biking**
10% of land area

Remaining **87%** of land area



Bike Network Gap Identification



What is MassDOT looking for?

- Bike network gaps on state roadways
- Current focus on possible retrofit candidates

How MassDOT is finding gaps:

- Created Potential for Everyday Biking scores (PEB)
- Pushed PEB scores onto state roadways and parkways
- Focused on segments with highest potential
- Compared to a “high-comfort bike network”
- Compared to online interactive map results

Next steps



MASSACHUSETTS
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- ☐ Finalize and release Draft Municipal Resource Guide for Bikeability for 30 Day Public Comment – fall 2018
- ☐ Finalize Draft Plan and release for 30 Day Public Comment – fall 2018
- ☐ Publish Final Plan - December 2018
- ☐ Finalize implementation work plan
- ☐ Publicly report on progress annually

- Identifying specific projects from Pedestrian Prioritization Analysis and Bike Network Gap Analysis to initiate
- New Massachusetts Bicycle and Pedestrian Advisory Board (MABPAB) members this fall. Board will play advisory role through implementation
- Coordination with interagency Trails Team
- Bicycle and pedestrian count pilot program launching this fall
- Dissemination of the Municipal Resource Guide for Walkability
- Internal and external trainings to increase bicycle planning and design expertise
- Roundtable discussions and panels to discuss specific topics from both plans at MassDOT Moving Together Conference (November 1)