



Charles D. Baker, Governor  
Karyn E. Polito, Lieutenant Governor  
Stephanie Pollack, MassDOT Secretary & CEO



## 2020 RESEARCH PROJECT STATEMENT

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### Research Topic:

Future of the Commonwealth's Curb [Research Funding Award – max \$100,000]

### Problem Statement and Objectives

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Research is needed on a statewide level to determine the diverse and quickly-evolving demands to curbs in municipalities of all sizes across the Commonwealth (i.e. TNC, transit, micro-mobility, pedestrians, et al). The Boston Region MPO is currently performing a Future of the Curb Planning Study.

There are two main objectives:

1. To explore current demands on the curbside lane and identify strategies for repurposing and managing the curbside lane in municipalities across the Commonwealth.
2. To identify expected future demands on the curbside lane and consider how the curbside lane could be re-purposed and managed to accommodate these new demands.

Such a product would demonstrate MassDOT as a national leader among state transportation agencies in the area of curb policies for communities of all sizes. Strategic curb policy could streamline highway and transit goals; complement the MassDOT Bike Plan and Pedestrian Plan; address concerns about micro-mobility service proliferation; support municipal ADA transition plan goals; and identify standards for TNC passenger pick-up/drop-off.

### Anticipated Outcomes and Deliverables

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- A Literature Review
- Evaluate the Applicability of Curbside Repurposing Strategies demonstrated in MA communities (Everett bus lane pilot, MassPort's Logan Airport TNC consolidation, Martha's Vineyard Ancient Roads, Framingham, Cambridge's cycletrack mandate ordinance, Fern Street, Provincetown shared streets)
- Produce a Final Report--outline policy guidance that can be incorporated into MassDOT Plans, as well as for MPO's, Highway Division, and Transit Division.