Imagine not a single person dies in a crash on our roadways.
**Vision:**
A roadway system with zero roadway deaths and serious injuries.

**Mission:**
To work collaboratively on strategies that will reduce roadway fatalities and serious injuries.

**Goal:**
Our long-term goal is zero roadway fatalities and serious injuries. By year 2022, the SHSP interim goal is to reduce the five-year average fatalities by 12% and serious injuries by 21%.

**Vision:**
Biking in Massachusetts will be a safe, comfortable, and convenient option for everyday travel.

**Goal 1:**
*Eliminate* bicyclist fatalities and serious injuries.

**Goal 2:**
*Increase* the percentage of everyday trips made by bicycling.

**Vision:**
All people in Massachusetts will have a safe, comfortable, and convenient option to walk for short trips.

**Goal 1:**
*Eliminate* pedestrian fatalities and serious injuries.

**Goal 2:**
*Increase* the percentage of short trips made by walking.

[www.mass.gov](http://www.mass.gov); search Strategic Highway Safety Plan; Bicycle Plan; Pedestrian Plan
Jan 2019 Day Of Action for Road Safety at Massachusetts State House

Nov 2020 World Day of Remembrance
1 life is too many...

- In 2020, 335 people lost their lives on Massachusetts roadways
- On average, 352 people lost their lives every year for the past five years, including:
  - 77 people walking
  - 51 people driving motorcycles
  - 9 people biking
  - 4 people working in work zones
- 2,206 people were seriously injured on Massachusetts roadways
  - An average of 6 people per day
- Plus injuries and near misses not captured in this data

https://www.massdottracker.com/
Policy with Implementation

Policy requires all state transportation projects to increase biking, transit, and walking options.

Healthy Transportation Policy (2013)


Policy Evaluation (2017-2018)


NEW criteria and process to ensure that people of all ages and abilities are afforded the opportunity for safe travel regardless of mode.

Design Criteria

2014

5 foot minimum shoulder required

2020

• Bicycle Facilities required

• Separation required via shared use paths, side path, separated bike lane, buffered bike lane if...
  - Posted speed limit ≥ 40 mph
  - Vehicular volumes ≥ 10,000 per day
  - Roadway has more than one travel lane in a single direction
  - Intersection more than one travel lane in a single direction
  - Roadway classified as corridor with a High Potential for Everyday Biking

• Minimum 5’ width or 10’ for bi-directional width requirement
2020
Transit Criteria
If roadway has existing or proposed transit route, transit facilities and amenities, and crosswalks

2020
Pedestrian Criteria
• Sidewalk and crosswalk requirements
Design Guides

https://www.mass.gov/lists/design-guides-and manuals
Design Trainings
Partnerships

The vast majority of roadways in Massachusetts is under municipal control, highlighting the need for interjurisdictional cooperation.
Complete Streets Funding Program

https://masscompletestreets.com/
2020-2021 Shared Streets and Spaces Grant Program

• To support public health, safe mobility, and renewed commerce

• Originally a $5 million 100-day program; now a $20m program through May 2021

• Improvements can be temporary, pilots, permanent, or turn pilots/temporary into permanent changes, but all implementation within months

• In 2020, awarded $10.2 million over 100 days to 103 municipalities to support 123 projects

• Technical assistance provided to municipalities for free thanks to Barr Foundation

https://www.mass.gov/shared-winter-streets-and-spaces-grant-program
Shared Streets results... examples:
Speed Management to Prevent Serious Injuries and Fatalities Project

**Purpose:** Align speed-related policies, plans, projects and practices to help realize Massachusetts’ vision of a roadway system with zero roadway deaths and serious injuries.
MassDOT role

Data collection
Roadway planning and design
Traffic operations
Speed limit setting
Support enforcement efforts
Education, marketing
Identify and analyze safety hot spots
Funding
“Plan for human error: design knowing people will make mistakes, but when they do, we have ability to lessen potential that it is fatal”
May 4, 2020

Rate of Fatalities on MA Roadways Doubled In April

*With 50% less traffic, about same number of deaths as April 2019*

*Drivers urged to slow down*

AAA Advises Motorists to Curb Their Speed in the Wake of Alarming Massachusetts Traffic Fatality Data for April

Car crashes deadlier as drivers speed during lockdowns

LONDON (Reuters) - Coronavirus lockdowns led to huge reductions in traffic and fewer car crashes this spring, but as drivers sped up on quieter roads, the collisions became deadlier in several cities, a Reuters analysis shows.
% Change, 2019 - 2020
- Less than -50%
- -50% to -25%
- -25% to 25%
- 25% to 50%
- Greater than 50%

https://mobility-massdot.hub.arcgis.com/
Interactive Mapping Portal for Analysis and Crash Tracking (IMPACT)

DATA EXTRACTION

Open Data Portal
This service should be used when trying to obtain statewide crash data that may be filtered to be crash cause, crash type, or period level that can then be downloaded in various formats.

Standard Data Report Request Form (for crash level data)
By completing the fields below, an email shall be sent to you within 3 to 5 minutes via a link to the requested data. For small or medium requests, you may be able to view this form for multiple years of data. For multiple years, you may make multiple requests using this form. For statewide data, the Open Data Portal should be used instead.

Crash Tabulation
Data Query & Visualization

Live Dashboard

https://apps.impact.dot.state.ma.us/cdp/home
Safety Risk Factor Analysis
Recently, a number of fatal crashes involved occupants not wearing seatbelts. @NHTSA research has shown a 45% reduction in the risk of fatal injury to front-seat car occupants when seat belts are used. #Seatbelts save lives, #BuckleUp every trip, every time. #DriveSafe

https://twitter.com/MassDOT
Driver Education

GUIDE

First Time Driver? Start here...

This guide will step you through the process to get a passenger (Class D) learner’s permit and driver’s license, which allows you to legally operate a passenger vehicle, van or small truck. Information includes steps to get a driver's license, parent/guardian information, safe driving tips, as well as study materials.

TABLE OF CONTENTS

- Steps to Get Your Driver’s License
- Parent/Guardian Information
- Safe Driving Tips
- Did you study for your learner’s permit or road test?
- Time to take your Permit!

https://www.mass.gov/guides/first-time-driver-start-here
High School Video Contest

https://www.mass.gov/roadway-safety-video
Thank you for all that you are doing.

Jackie DeWolfe
Jacqueline.DeWolfe@state.ma.us