

Healthy Transportation in Massachusetts

Massachusetts Department of Transportation

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Institute of Medicine Workshop

September 19, 2013



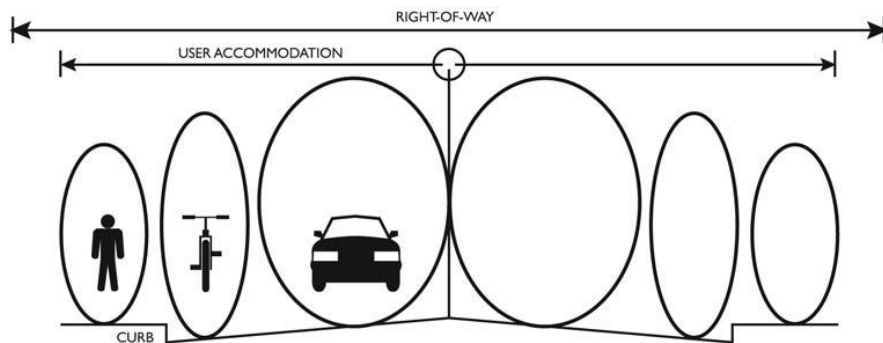
Massachusetts Department of Transportation Commitment to Healthy Transportation

- 2006 – Complete Streets Policy
- 2008 – Global Warming Solutions Act
- 2009 – Transportation Reform Law creates Healthy Transportation Compact
- 2010 – GreenDOT Sustainability Policy
- 2011 – Health Impact Assessment Training, HIA Pilot, Complete Streets Design Workshops
- 2012 – Mode Shift Goal, GreenDOT Implementation Plan
- 2013 – Healthy Transportation Policy Directive



Complete Streets Design Approach

- Established by Project Development and Design Guide in 2006
- Design to accommodate all roadway users: pedestrians, bicyclists, public transit riders, and motor vehicles
- Design the roadway “from the outside in”



Global Warming Solutions Act 2008

- In August 2008, Governor Patrick signed the Climate Protection & Green Economy Act
- Requires Massachusetts to reduce economy-wide GHG emissions:
 - 10% -25% reduction below 1990 level by 2020
 - 80% reduction below 1990 level by 2050
- Clean Energy and Climate Plan for 2020, December 29, 2010



Transportation Reform

- Massachusetts Department of Transportation created by state transportation reform law in 2009
- Consolidation of disparate transportation agencies
- Focused on customer service, leading the nation
- Creation of one unified, multi-modal transportation agency dedicated to moving **people**, while also promoting economic development, environmental sustainability, and quality of life
- Creation of Healthy Transportation Compact



Healthy Transportation Compact

- Created by 2009 Transportation Reform Law
 - Co-Chair Secretary of Transportation
 - Co-Chair Secretary of Health and Human Services
 - Secretary of Energy and Environmental Affairs
 - MassDOT Highway Administrator
 - MassDOT Transit Administrator
 - Commissioner of Public Health
- Improve public health through the coordination of land use, transportation and public health policy
- Supporting programs and policies
 - Mass in Motion
 - Wellness Grants
 - Leading by Example
 - Safe Routes to School
 - TE, CMAQ
 - GreenDOT



GreenDOT Policy

■ Vision

The Massachusetts Department of Transportation will be a national leader in promoting sustainability in the transportation sector. Through the full range of our activities, from strategic planning to construction and system operations, MassDOT will promote sustainable economic development, protect the natural environment, and enhance the quality of life for all of the Commonwealth's residents and visitors. This will enable MassDOT to use resources in a manner that serves its existing customers while preserving our resources for future generations.

■ Goals

- Reduce greenhouse gas (GHG) emissions
- Promote the healthy transportation modes of walking, bicycling, and transit
- Support smart growth development



GreenDOT Initiatives

- 1st statewide Bike Week in 2010 (annual event since)
- Bay State Greenway shared use path network – establishment of Priority 100
- League of American Bicyclists rankings:
 - 2010: #19
 - 2011: # 3
 - 2012: # 6
- Statewide travel options program and rideshare tool
- Mode Shift Goal – Triple amount of travel by walking, bicycling, and public transit between 2012 and 2030
- GreenDOT Implementation Plan (2012)
- Awards – FHWA Exemplary Human Environment Initiative Award, MA Leading by Example Award



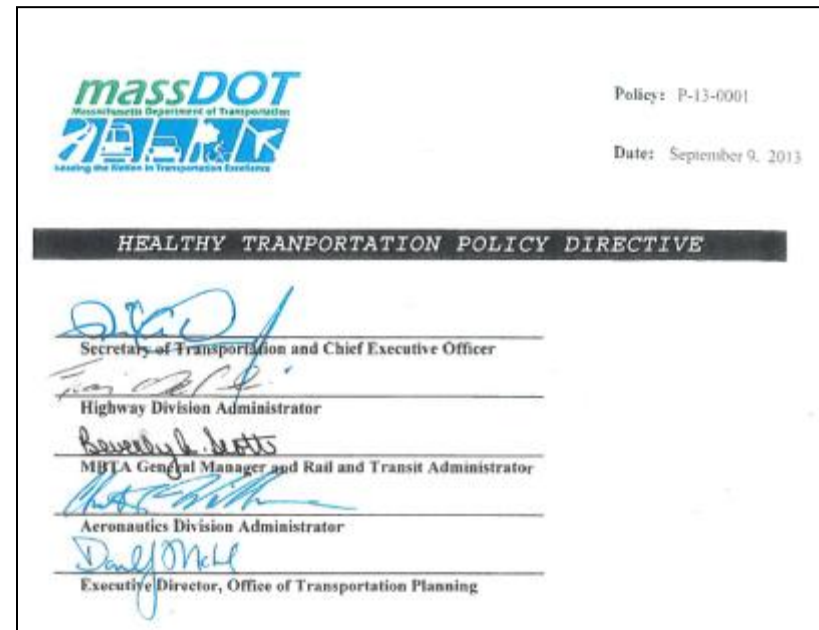
Health Impact Assessment

- HIAs a provision of the 2009 Transportation Reform Law
- Held 2-day training session on HIAs in Sep 2011 for MassDOT, Health & Human Services, consultant staff
- Worked with Health & Human Services, Department of Public Health to identify subject of HIA pilot
- “Grounding McGrath” study
 - Potential for removing outmoded highway viaduct in Somerville MA
 - Parallel transportation study, HIA
 - HIA reviewed air quality, safety, noise, mobility in all modes, economics
 - HIA found that all alternatives would improve health factors, supported transportation study findings



Healthy Transportation Policy Directive

- Requires that ALL MassDOT projects (roadway and transit) serve ALL travel modes
- All MassDOT funded or designed projects should PROMOTE “healthy modes” as defined by GreenDOT policy: walking, bicycling, public transit
- Promotion of on-street and off-street facilities
- Review all projects in design
- Standards for walking and bicycling access, design
- Projects not meeting standards require Secretary’s approval



Thank You!

Discussion



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