

MassDOT Project Development Process

- * Identifying the Need
- * Data Collection and Analysis
- * Recommended Solutions
- * Public Outreach
- * Project Development
- * MassDOT Project Review Committee (PRC) Approval
- * Design and Permitting
- * MPO Coordination and Funding
- * Advertisement and Construction

Identifying the Need

Identifying the Need

- * Local officials working with their Regional and State partners will identify a transportation problem in their community which needs to be address.
- * Example:
 - * High accident location
 - * Severe congestion and delays
 - * Poor roadway conditions and a lack of Bicycle , Pedestrian and Transit facilities.
- * At this time a community would contact their MassDOT District Project Development Office discuss the issues.
- * With concurrence from the MassDOT District office the community will submit a Project Need Form(PNF)

Data Collection and Analysis

Data Collection and Analysis

- * Communities working with their Regional Planning Agency (RPA) and MassDOT Highway District office will collect and analyze relevant data
- * Data types may include:
 - * Crash Reports
 - * Average Daily Traffic
 - * Turning Movements
 - * Pavement Conditions

Recommended Solutions

Recommended Solutions

- * After a review of the relevant data and analysis a project will be recommended to address the identified need. In some cases multiple project options will need to be presented and discussed.

Public Outreach

Public Outreach

- * Once the community has identified possible solutions to the identified need they will present the option in a public forum.
- * Local community stakeholders including: local officials, residents, abutters and businesses who could be impacted by the proposed project.
- * The goal of the public outreach process is to reach a consensus and build support for the project.

Project Development

Project Development

- * Once the Community identifies the project they will work with the MassDOT District's Project Development office to submit a Project Initiation Form(PIF).

MassDOT Project Review Committee Approval

MassDOT Project Review Committee Approval

- * The MassDOT District office will present the proposed project to the MassDOT Project Review Committee (PRC) for Approval.
- * The PRC is an internal MassDOT committee that reviews all projects being proposed for State and Federal Funding. PRC approval is not a commitment of funding, that decision is made by the MPO.
- * Once a community receives notification of the PRC's approval they can begin the Design process

Design Process

Design Process

- * The MassDOT project Development and Design Guidebook outlines in detail what a community and their design consultant is expected to submit to MassDOT to move the project forward.
- * The Design Guide can be found at the following link to the MassDOT website:
- * <http://www.massdot.state.ma.us/highway/DoingBusinessWithUs/ManualsPublicationsForms/ProjectDevelopmentDesignGuide.aspx>

Design Process

- * The Typical project design process is outlined as follows:
 - * 25% design
 - * Once 25% Plans are approved by MassDOT, and MassDOT will hold a Design Public Hearing.
 - * 75% plans will be submitted reflecting the comments brought out during the Public Hearing.
 - * 100% plans /PS&E, at this point if all the Environmental permits and Right of Way (ROW) documents and current year TIP funding are in place the project would be ready for advertising.

MPO Coordination and Funding

MPO Coordination and Funding

- * Before MassDOT can advertise a project the funding must be identified and Programmed by the Metropolitan Planning Organization (MPO)
- * Each MPO will review and evaluate projects based on a previously established scoring criteria.
- * Projects are typically scored by the MPO once they have reached the 25% design stage.
- * Communities should work closely with their MPO representatives and MPO Staff to have the project included in the evaluation process.

MPO Coordination and Funding

- * Based on the projects scores and the amount of Federal Funds available in a Fiscal Year the MPO will program the projects in their TIP.
- * The TIP is a four year document outlining the MPO priorities for advertising federally funded projects.
- * Each MPO is given a target of Federal Funds they can spend in a given year.

Federal Funding Programs

Federal Funding Programs

- * **NHPP** – *National Highway Performance Program* Restricted to the National Highway System
- * **STP** - *Surface Transportation Program* Flexible and broadly applied to multi-modal uses
- * **HSIP** – *Highway Safety Improvement Program* Restricted to projects in areas with documented safety issues
- * **CMAQ** – *Congestion Mitigation Air Quality* Restricted to projects that benefit air quality
- * **TAP** – *Transportation Alternatives Program* Competitive investment program for non-auto

Advertisement and Construction

Advertisement and Construction

- * The project is advertised for construction once design, right of way and environmental permitting has been completed and it is in the current TIP year for funding.
- * A Notice to Proceed to the qualified low bidder will occur approximately 120 days after advertisement

Questions?