MaPPS Tool  What is it?

MassDOT Project Planning System is a planning phase tool with environmental and safety screening function, to improve agency project coordination and expedite project delivery.

Every Day Counts 2
• Agency & Business Process Implementation Teams

Strategic Highway Research Program 2
• Funding & FHWA Implementation Assistance
Complex Processes
Project Development Step IV: Environmental, Design ...
Why a New Approach?
Complex Processes
Location Aware Apps

Tightly integrated and designed to work together
Workflow Overview

Project Planning

Create & Map Project

Spatial Analysis & Project Editing

Automated Geoprocessing

Draft Project (private)

Draft Project (public)

Project Export / Submittal

Review / Comment

PNF

PIF
Login Page
MaPPS Main Screen
Project Description

[Image of a project management system interface]

- Project Name: Bridge Replacement, Route 50
- Proposer: Tim Dexter
- Title: Environmental Analyst
- Organization: MassDOT
- Contact Name: Timothy Dexter
- Contact Email: timothy.dexter@state.ma.us
- Date: 3/1/2015

Innovation Conference 2015
Project Sketching
Geoprocessing: Running
MASSDOT - HIGHWAY DIVISION

Project Initiation Form

Part I - General Information

Project Location: Main Street (SR 38)

Project Need: Briefly restate the primary project need or goal as developed in the Project Need Form (e.g., rehabilitate a roadway, improve safety at an intersection, reduce corridor congestion, improve pedestrian facilities, or provide bike accommodation).

Existing bridge is structurally deficient and needs superstructure and substructure replacement.

Regional Benefit: Describe any regional benefits that would be realized should the Project Need be met.

The bridge is an important connector on Main Street (SR 38), which is an important arterial providing a connection from I-495 south to Route 128 / I-95. Replacing the bridge is essential to maintaining this important corridor.
Innovation Conference 2015

PIF Report

MassDOT - Highway Division
Project Initiation Form

Proponent: Tim Dexter  Title: Environmental Analyst
Municipality/Organization: MassDOT
PIF completed by: Tim Dexter  Title: Environmental Analyst
Phone: (617) 368-8744  Email: timothy.dexter@state.ma.us
Date: Fri Mar 06 2015 00:00:00 GMT (-0800) (Pacific Standard Time)

Part I – General Information
Project Location: Main Street (SR 38) over Shawsheen River, Tewksbury, MA.

Project Need: Briefly restate the primary project need or goal as developed in the Project Need Form (e.g. rehabilitate a roadway, improve safety at an intersection, reduce corridor congestion, improve pedestrian facilities, or provide bike accommodation).

Existing bridge is structurally deficient and needs superstructure and substructure replacement.

Regional Benefit: Describe any regional benefits that would be realized should the Project Need be met.

The bridge is an important connect on Main Street (SR 38), which is an important arterial providing a connection from I-495 south to Route 128/I-95. Replacing the bridge is essential to maintaining this important corridor.

Part II – Project Costs and Responsibilities
Estimated Costs: Provide available cost estimates or estimated cost ranges in current year

<table>
<thead>
<tr>
<th>Estimated Construction Costs:</th>
<th>Estimated Other Costs:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning/Design:</td>
<td>Right-of-way:</td>
</tr>
<tr>
<td>Contingencies (10%):</td>
<td>Environmental Mitigation:</td>
</tr>
<tr>
<td>Other Constr. Costs (10%):</td>
<td></td>
</tr>
<tr>
<td>Total Construction Cost:</td>
<td>Total Other Costs:</td>
</tr>
</tbody>
</table>

Anticipated Funding Program:
Indicate all potential sources of funding that may apply to the project

- [ ] STP
- [ ] CMAQ
- [ ] HSP
- [ ] TAP
- [ ] NHPP
- [ ] NPP
- [ ] NFA
- [ ] Other
QUESTIONS?