Getting Your Project On The TIP & How SRPEDD Can Help

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SRPEDD

From the “Wish List” to the “Bid List” TIP Workshop for City & Town Officials
November 10, 2015
SRPEDD – WHO WE ARE

Regional Planning Agency serving 27 cities and towns in Southeastern Massachusetts

SRPEDD provides technical assistance to our cities and towns
SRPEDD – WHAT WE DO

Volume & Speed Counts

Turning Movement Counts (Bicycle & Pedestrian Included)

Signal Warrant Analysis

ENF, EIR & Site Plan Reviews

PNF & PIF Form Assistance

Road Safety Audits

Corridor Studies (Congestion & Safety)

Program the Transportation Improvement Program (TIP)

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Transportation Improvement Program (TIP)

- Program to distribute Federal Transportation Improvement Funds
- Required by FHWA and FTA
- Managed by MPOs/RPAs with established regional funding targets
- Regional TIPs used in Statewide TIP (STIP)
Transportation Improvement Program (TIP)

• 4 Year Program – Annual Funding Targets
• Document Maintained by SRPEDD
• Reviewed by Joint Transportation Planning Group (JTPG)
  – Advisory Committee
  – Reps appointed by Municipality
  – Federal & State Transportation Officials

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Transportation Improvement Program (TIP)

• Endorsed annually by the Southeastern Mass. Metropolitan Planning Organization (SMMPO)
  – Authorization Committee
  – MassDOT (Sec. & Adm.), Mayors (4 Cities), RTAs (GATRA & SRTA), SRPEDD Comm. Chair, 4 BOS (Elected by SRPEDD Commission)
Identify a Need (Road, Intersection, etc)

Is Your Project Eligible?

Source: FHWA Functional Classification Guidelines.
• Request a meeting with MassDOT / SRPEDD to discuss potential project

• Prior to meeting, “Do some Homework!”
  • Is the project part of the Regional Transportation Plan?
  • Has it been studied by SRPEDD or a Consultant?
  • What are the issues or recommended Improvement?
SRPEDD Funding Guide

Handy Reference Source

Appendix A - Functional Road Classifications
Appendix B - Funding Sources
Appendix C - The Chapter 90 Program
Appendix D - Project Need Form (PNF)
Appendix E - Transportation Evaluation Criteria
Appendix F - Project Initiation Form (PIF)
Appendix G - The Project Review Committee (PRC)
Appendix H - Design Exception Report
Appendix I - 25% Design Submission Checklist
Appendix J - 25% Design Review Checklist
Appendix K – Municipal Agreement

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Proponent will be expected to:

• Public Outreach
  • Host a Public Meeting
  • Gain local input
  • Is there support for the project?

• Project Needs Form (PNF)

• Project Initiation Form (PIF)
Project Needs Form (PNF) / Project Initiation Form (PIF)

- Location, Jurisdiction
- Extent of Problem/Need, Existing conditions
- Other Modes of Travel - Bicycle, Pedestrian & Transit
- Safety issues
- Land Use, Economic Development
- Environmental and Community Impacts
- Estimated Cost
Data Available at SRPEDD:

• Road Inventory File (Func. Class/Fed. Aid Eligible)
• Traffic Counts (ATRs, TMCs, Bicycle & Pedestrian)
• Crash Data (Intersection EPDO, Top 100)
• Census Data (Pop., Housing, EJ Areas)
• Environmental (Wetlands, GRRIP)
The Process:

• Prepare PNF and submit to MassDOT District 5 & SRPEDD

• Prepare PIF and submit to MassDOT District 5 & SRPEDD
  District 5 reviews PIF and submits to Project Review Committee

• Community Begins Engineering and Design after approval

• Projects is placed in Future Element of TIP
SRPEDD Evaluates Project

Evaluation Criteria

• Projects are Scored and Ranked by SRPEDD
• Congestion, Safety, Pavement Improvement
• Environment, Economic and Community Impacts
• Serves Various Modes of Transport
• Benefits to Community & Environment
SRPEDD Evaluates Project

Performance Measures

• Overall Goals established in the RTP

• Goals intended for Performance Based Planning to:
  • Reduce Congestion
  • Improve Safety & Pavement Conditions
Funding Categories

Surface Transportation Program (STP)
• 80 percent federal / 20 percent non-federal
• Provides flexible funding that may be used by communities to preserve and improve the conditions and performance on any Federal-aid highway, bridge and tunnel projects on any public road, and pedestrian and bicycle infrastructure

Congestion Mitigation and Air Quality (CMAQ)
• 80 percent federal / 20 percent non-federal
• Intended to improve air quality and reduce traffic congestion
• Reviewed by CMAQ Consultation Committee, (MassDOT, DEP, FHWA, EPA, & MPOs)
• Project must show air quality benefits

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Funding Categories

**Highway Safety Improvement Program (HSIP) funds**
- 90 percent federal / 10 percent non-federal
- Safety Improvements to reduce the number and severity of crashes
- Eligible projects include Intersections, shoulders, high risk rural roads, traffic calming, data collection, and improvements for bicyclists, pedestrians, and individuals with disabilities.

**Transportation Alternatives Program (TAP)**
- 80 percent federal / 20 percent non-federal
- Competitive Grant Program as part of MAP-21
- Transportation Enhancements, Recreational Trails, and Safe Routes to School
<table>
<thead>
<tr>
<th>2016 SMMPo Transportation Improvement Program</th>
<th>06/23/2015 Draft Released</th>
<th>07/28/2015 Endorsed</th>
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<tr>
<td><strong>Amendment / Adjustment Type ▼</strong></td>
<td><strong>MassDOT Project ID ▼</strong></td>
<td><strong>MPO ▼</strong></td>
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<td><strong>Section 1A / Federal Aid Target Projects</strong></td>
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<tr>
<td><strong>HISP - Highway Safety Improvement Program</strong></td>
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<td>608910 Southeastern Mass New Bedford</td>
<td>NEW BEDFORD - CORRIDOR IMPROVEMENTS AND RELATED WORK ON COGGESEALL STREET, FROM PURCHASE STREET TO MITCHELL AVENUE</td>
<td>5</td>
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<td><strong>CMAG - Congestion Mitigation and Air Quality Improvement Program</strong></td>
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<td>605677 Southeastern Mass Mattapoisett</td>
<td>MATTAPOISSETT - MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY) FROM MATTAPOISSETT NECK ROAD TO DEPOT STREET (PHASE 18)</td>
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<td>605679 Southeastern Mass Taunton</td>
<td>TAUNTON-INTERSECTION IMPROVEMENTS AT COUNTY STREET (ROUTE 140) AND HART STREET</td>
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<tr>
<td><strong>TAP - Transportation Alternatives Program</strong></td>
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<tr>
<td><strong>Non-CMAQ/HISP/TAP (Other) ▼</strong></td>
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<td>NEW BEDFORD - CORRIDOR IMPROVEMENTS AND RELATED WORK ON COGGESEALL STREET, FROM PURCHASE STREET TO MITCHELL AVENUE</td>
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<tr>
<td>605118 Southeastern Mass New Bedford</td>
<td>NEW BEDFORD - RECONSTRUCTION OF ROUTE 18 (JFK HIGHWAY), FROM COVE STREET TO GRIFFIN COURT (PHASE 1)</td>
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FY 2016 – 2019 Funding Breakdown

FY 2016  Total Target Funding – $15,642,102
• 4 Projects
  2 Supplemented with Statewide CMAQ
    • Non-CMAQ/HSIP/TAP - $11,089,92
    • Minimum CMAQ - $2,800,033 (18%)
    • Minimum HSIP - $896,010 (6%)
    • Minimum TAP - $856,134 (5%)

FY 2017  Total Target Funding – $18,509,335
• 3 Projects
  • CMAQ Target not met

FY 2018  Total Target Funding – $18,509,335
• 4 Projects & Remainder of Wareham from FY17

FY 2019  Total Target Funding – $19,315,744
• 4 Projects
So Your Project is on the TIP, Now What?

Community Works with Engineer on Design

• 25% Design Plans
• 25% Design Review
• 25% Design Public Hearing / Public Outreach
So Your Project is on the TIP, Now What?

• Community Needs to Work with SRPEDD on programming

  Project Moves from Future Element to a TIP Year

• Community Needs to BE DILIGENT & Stay Involved

  Participation in Monthly JTPG meetings

  • Participation Keeps you up-to-date with changes
  • Project may move between years based on readiness and cost
  • Meetings provide awareness of other Funding Programs (FLAP, TIGER, MassWorks, etc)
## Getting Your Project On The TIP & How SRPEDD Can Help

### Typical Project Timeline

<table>
<thead>
<tr>
<th>Task</th>
<th>YEARS</th>
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<tbody>
<tr>
<td>Project Inception/Study</td>
<td>1</td>
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<tr>
<td>Public Outreach for Support</td>
<td>2</td>
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<tr>
<td>Project Needs Form</td>
<td>3</td>
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<tr>
<td>Project Initiation Form</td>
<td>4</td>
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<tr>
<td>PRC</td>
<td>5</td>
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<tr>
<td>Public Outreach</td>
<td>6</td>
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<tr>
<td>Future Element TIP</td>
<td>7</td>
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<tr>
<td>Engineering</td>
<td>8</td>
</tr>
<tr>
<td>Evaluation Criteria</td>
<td>9</td>
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<tr>
<td>25% Design Submittal and Review</td>
<td>10</td>
</tr>
<tr>
<td>25% Public Hearing</td>
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<tr>
<td>Assigned a TIP year</td>
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<tr>
<td>75% Design Review *</td>
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<tr>
<td>100% Design Review *</td>
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<tr>
<td>Advertised for Construction</td>
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<tr>
<td>Implementation</td>
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Issues of Concern

• Project Costs Increase
  – Project Changes Scope
  – Material Costs, Labor, Fuel Costs
  – State/Federal Mandates
  – Utility Relocation
  – ROW and Land Takings

• Chapter 90 Funding
  – Eligible for Design, ROW, & Other Costs
  – Less $$ for Local Roads

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Questions?

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