Town of Plainville Complete Streets
Existing Conditions Presentation

Monday, September 16, 2019 - 6:30 PM
Plainville Board of Selectmen Meeting
190 South Street
Plainville, MA 02762
Agenda for Tonight

**MassDOT Complete Streets Funding Program**
  Basic Information, Eligible Projects, Deadlines

**How is SRPEDD Helping Plainville?**
  Project Scope, Timeline, Deliverable

**Current Status**
  Recap of Kick-off Meeting (Dec. 2018)
  Public Input Received
  Findings
  Potential Projects Discussion

**Next Steps**
  Cost Estimates
  Prioritize List of Projects
MassDOT Complete Streets Funding Program

“The Basics”

The program is divided into the following three tiers:

**Tier 1**
- Attend a Complete Streets Training (Introductory or Advanced)
- Adopt a Complete Streets Policy

**Tier 2**
- Complete a Five Year Prioritization Plan
  
  *Up to $50,000 in technical assistance funding is available to communities*

**Plainville is here!**

**Tier 3**
- Apply for Construction Funding for selected projects
  
  *Each community can apply for up to $400,000 in construction funding to implement the projects on their Prioritization Plan. A community may apply more than once provided that there isn’t a construction project underway.*
MassDOT Complete Streets Funding Program

Eligible Projects

- Sidewalks
- Bike Lanes
- Transit Shelters & Pull-out areas
- Curb Ramps & Signage
### Key Information

Bike Lanes vs. “Sharrows”

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<tr>
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<tbody>
<tr>
<td>5'</td>
<td>11'</td>
<td>11'</td>
<td>5'</td>
</tr>
<tr>
<td>Bike lane</td>
<td>Drive lane</td>
<td>Drive lane</td>
<td>Bike lane</td>
</tr>
</tbody>
</table>

**Bike Lanes**  ~ 34 Feet

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<tbody>
<tr>
<td>11'</td>
<td>11'</td>
<td></td>
<td></td>
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<tr>
<td>Sharrow</td>
<td>Sharrow</td>
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**Shared Lane Markings - “Sharrows”**  ~ 23 Feet
How is SRPEDD helping Plainville?

Technical Assistance Project Scope of Work

1. **Document Review/Data Compilation**
   Review of available studies and/or data from the town or other sources

2. **Existing Conditions Evaluation**
   - Network Gap Analysis *(location & feasibility to fill gaps)*
   - ADA Survey *(sidewalk obstructions & slopes, curb ramps)*
   - Bicycle, Pedestrian, and Transit Infrastructure Evaluation *(presence & condition)*
   - Roadway & Intersection Crash Analysis *(number & severity)*

3. **Project Selection & Prioritization**
   - Comprehensive evaluation criterion *(scoring system)*
   - Draft list of projects
   - Final list of projects *(with cost estimates & construction schedule)*

4. **Final Report**
   - Needs Assessment & Prioritization Plan
How is SRPEDD helping Plainville?

## Project Timeline

### Meetings
- **Meeting #1 - Kickoff**
  - Jan-19
- **Meeting #2 - Existing Conditions Eval & Eval Criteria**
  - 9/16/2019
- **Meeting #3 - Project Selection**
  - 12/2/2019

### Document Review/Data Collection
- **Town**
  - Capital Improvement Plans
  - Roadway Maintenance Plans
  - Master Plan & OSR Plan
- **Other**
  - Private Development Plans

### Existing Conditions Evaluation
- Network Gap Analysis
- ADA Survey
- Bicycle, Pedestrian, and Transit Infrastructure Evaluation
- Roadway & Intersection Crash Analysis

### Project Selection & Prioritization
- Develop Evaluation Criteria
- Develop Projects & Costs
- Score & Rank Projects
- Finalize Spreadsheet

### Finalize Final Report
- Draft Needs Assessment & Prioritization Plan Document
- Final Needs Assessment & Prioritization Plan Document

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**Deadline: December 31, 2019 (Contract with SRPEDD)**
How is SRPEDD helping Plainville?

Deliverable

<table>
<thead>
<tr>
<th>Rank</th>
<th>Project Name</th>
<th>Project Description</th>
<th>Environmental Justice Population</th>
<th>Complete Streets Location</th>
<th>Project Origin and Type</th>
<th>Complete Streets Needs</th>
<th>Complete Streets Funding Request</th>
<th>Construction Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Main/North Street Mini-Roundabout</td>
<td>Installation of a mini-roundabout at the intersection of Main Street &amp; North Street</td>
<td>No</td>
<td>620000, 226000 620400, 225600</td>
<td>HISP High Crash Location</td>
<td>S10: Road diets</td>
<td>No $240,000</td>
<td>0 6 July-16</td>
</tr>
<tr>
<td>2</td>
<td>Gunner Street Sidewalk to Elementary School</td>
<td>Add 500' of missing sidewalk on Gunner Street</td>
<td>YES</td>
<td>555555, 230000 555534, 230121</td>
<td>Network gap</td>
<td>PS: Providing new sidewalks X X X</td>
<td>No $25,000</td>
<td>0 1 August-16</td>
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<tr>
<td>3</td>
<td>Local bus route Transit Shelter Improvement</td>
<td>Installation of 5 Transit shelters along Laurel Street (Route 999)</td>
<td>YES</td>
<td>589000, 221000 620900, 225200</td>
<td>Transit Operations &amp; access Study</td>
<td>T3: Transit shelter</td>
<td>No $50,000</td>
<td>0 4 September-16</td>
</tr>
<tr>
<td>4</td>
<td>Superb Street Separated Bike Lane</td>
<td>Construction of 1 mile of Separated Bike Lane on Superb Street</td>
<td>No</td>
<td>589000, 221499 620900, 225299</td>
<td>Bike/Ped Audit</td>
<td>B11: Designated Separated Bicycle Lane X</td>
<td>No $1,000,000</td>
<td>0 8 July-16</td>
</tr>
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Once approved by MassDOT, Plainville moves on to Tier 3!
Current Status

Recap of Kick-off Meeting (Dec. 2018)

**Known Issues**
- Lack of sidewalks
- Narrow roadways
- Vehicle speeds
- Truck traffic

**Areas of Focus**
- South Street
- West Bacon Street
- Mirimichi Street
- Neighborhood east of South St.
- Neighborhood south of East Bacon St.

**Upcoming Projects/Activities**
- South Street, Sharlene Dr. to Everett St.
- Improvements at Rt. 1 and George St.
Current Status
Public Input Received

A total of 28 comments have been received to date.

Comments focused on pedestrian and bicycle improvements as well comments about traffic congestion, vehicle speeding, and heavy truck traffic.

www.srpedd.org/Plainville-Complete-Streets
Current Status

Public Input Received

Where are street improvements needed?
Current Status

Public Input Received

What should be done?
How is SRPEDD helping Plainville?

Existing Conditions Evaluation - “Survey Network”

Key Data:

~ 41 miles of roadway

Sidewalks
3.0 miles (right side)
6.1 miles (left side)
3.8 miles (both sides)
12.9 miles (total)

Pavement Width
38.1 miles (≤ 34 feet)
3.1 miles (> 34 feet)

Lane widths - 11 feet
Edge Lines = most did not
How is SRPEDD helping Plainville?

Existing Conditions Evaluation - “Components”

Presence, Measurements, Materials, Condition
Current Status
SRPEDD’s Findings

Deficiencies/Issues Categories

Network Gap (NG)
Gap in the existing network (pedestrian or bicycle)

Priority Location (PL)
Located in close proximity to Schools, Businesses, Civic Uses, etc.

Poor Infrastructure Conditions (PI)
Infrastructure is in poor condition (sidewalks, roadways, curbing, etc.)

No Facility (NF)
There wasn’t a facility in place (no sidewalk, bike lane, etc.)

ADA Non-Compliance (ADA)
Infrastructure didn’t meet ADA standards (clearance widths, slope, trip hazards, etc.)
**Current Status**

SRPEDD’s Findings

**South Street**
Sharlene Drive to Wrentham T/L

1. Average lane widths (11 to 12 ft.)
2. Utility poles vary (grass berm, behind sidewalk)
3. Residential & commercial development
4. Upgrade existing sidewalk
5. Identified by WG and public as a need
**Current Status**

SRPEDD’s Findings

*Spring Street*

East Bacon Street to Maple Street

1) Above-average lane widths (13 to 16 ft.)
2) Utility poles vary (2 to 7 ft. back)
3) Residential development
4) Close proximity to Downtown & Council on Aging
5) Identified by WG as a need
Current Status

SRPEDD’s Findings

Mirimichi Street
Taunton Street to Lake Mirimichi

NG
PL
NF

1) Lane widths (9 to 12 ft.)
2) Utility poles on road edge
3) Access to Lake Mirimichi
4) Identified by public as a need
Current Status
SRPEDD’s Findings

**West Bacon Street**
Elizabeth Street to South Street

1) Varied lane widths (11 to 14 ft.)
2) Utility poles vary
3) Link to Downtown
4) Identified by WG & public as a need
Current Status
SRPEDD’s Findings

Rail Trail
Fuller Street to West Bacon Street

1) Existing path is not ADA accessible
2) Identified by WG and public as a need
Next Steps

September - November 2019
1) Evaluation Criteria - Scoring System
2) Project Cost Estimates & Construction Schedule

December 2019
3) Final Needs Assessment Document & Prioritization Plan
Questions?

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