

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  **Plainville is here!**
Up to \$50,000 in technical assistance funding is available to communities



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

*Transit Shelters
& Pull-out areas*



Bike Lanes

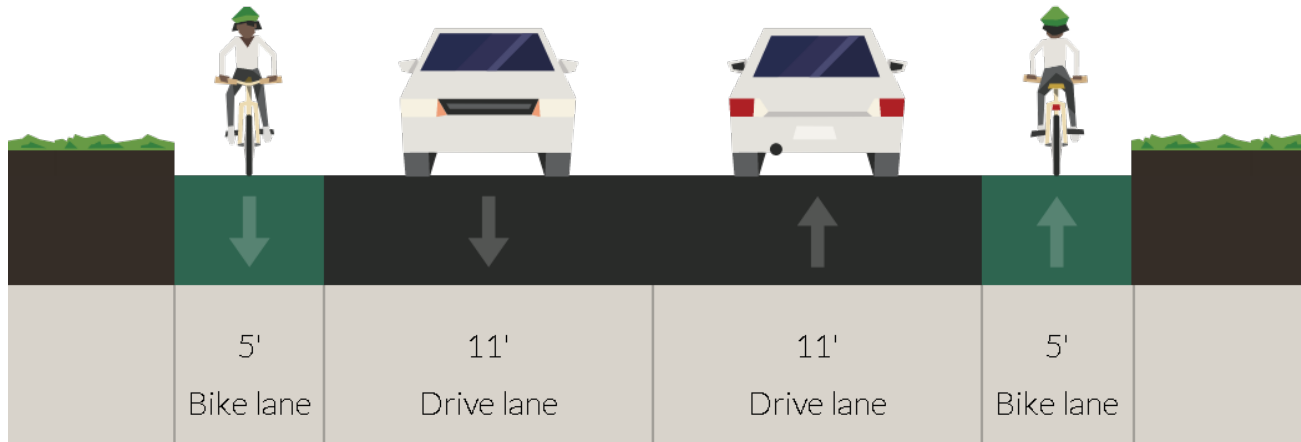


*Curb Ramps
&
Signage*

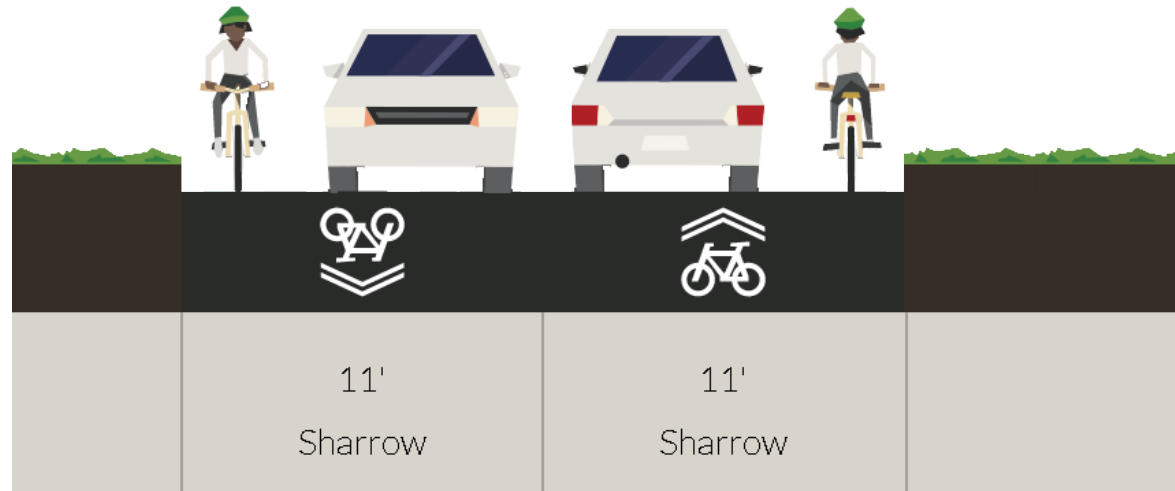


Key Information

Bike Lanes vs. "Sharrows"



Bike Lanes ~ 34 Feet



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



1

2

3

4

Task	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Meetings													
Meeting #1 - Kickoff	12/4/2018												
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													

Deadline: December 31, 2019 (Contract with SRPEDD)



How is SRPEDD helping Plainville?

Deliverable

MassDOT Complete Streets Funding Program Project Prioritization Plan

FOR EXAMPLE
ONLY

Municipality SELECT
MassDOT District --

Date 1/23/2018
Name/Title Bill Murray, DPW Director

Project Details			EJ	Complete Streets Location			Project Origin and Type		Complete Streets Needs							Complete Streets Funding Request			Construction Schedule		
Rank	Project Name	Project Description	Environmental Justice Population	Project Limits	Project Start Location: X,Y Coordinates (MA State Plane meter)	Project End Location: X,Y Coordinates (MA State Plane meter)	Complete Streets Project Origin (planning documentation or supporting analysis)	Complete Streets Project Type refer to the Eligible Projects Worksheet	Safety	ADA Accessibility	Pedestrian Mobility	Bicycle Mobility	Transit Operations and Access	Vehicular Operations	Freight Operations	Will this project be in Coordination with other Communities? (list, if applicable)	Total Estimated Project Cost	Complete Streets Funding Requested	Other Funding Source(s) and Amount (if applicable)	Anticipated Construction Duration (number of months)	Desired Construction Start Date (month/year)
1	Main/North Street Mini-Roundabout	Installation of a mini-roundabout at the Intersection of Main Street & North Street	No	200' east & west of Main & 200' north and south of North street	620000, 226000	620400, 225600	HSIP High Crash location	S10. Road diets	X							No	\$240,000	\$240,000	0	6	July-16
2	Gunner Street Sidewalk to Elementary School	Add 500' of missing sidewalk on Gunner Street	YES	from 22 Gunner Street to 36 Gunner Street, Elementary school	555555, 230000	555534, 230121	Network gap	P5. Providing new sidewalks	X	X	X					No	\$25,000	\$20,000	\$5000 Chapter 90	1	August-16
3	Local bus route Transit Shelter Improvement	Installation of 5 Transit shelters along Laurel Street (Route 999)	YES	5 miles along Laurel Street from A Street to Q Street	589000, 221000	620900, 225200	Transit Operations & access Study	T3. Transit shelter					X			No	\$50,000	\$50,000	0	4	September-16
4	Superb Street Separated Bike Lane	Construction of 1 mile of Separated Bike Lane on Superb Street	No	1 mile Along Superb Street	589000, 221499	620900, 225299	Bike/Ped Audit	B11. Designated Separated Bicycle Lane			X					No	\$1,000,000	\$350,000	650,000 Mass Works Grant	8	July-16

5

*Once approved by MassDOT,
Plainville moves on to Tier 3!*



Current Status

Recap of Kick-off Meeting (Dec. 2018)

Known Issues

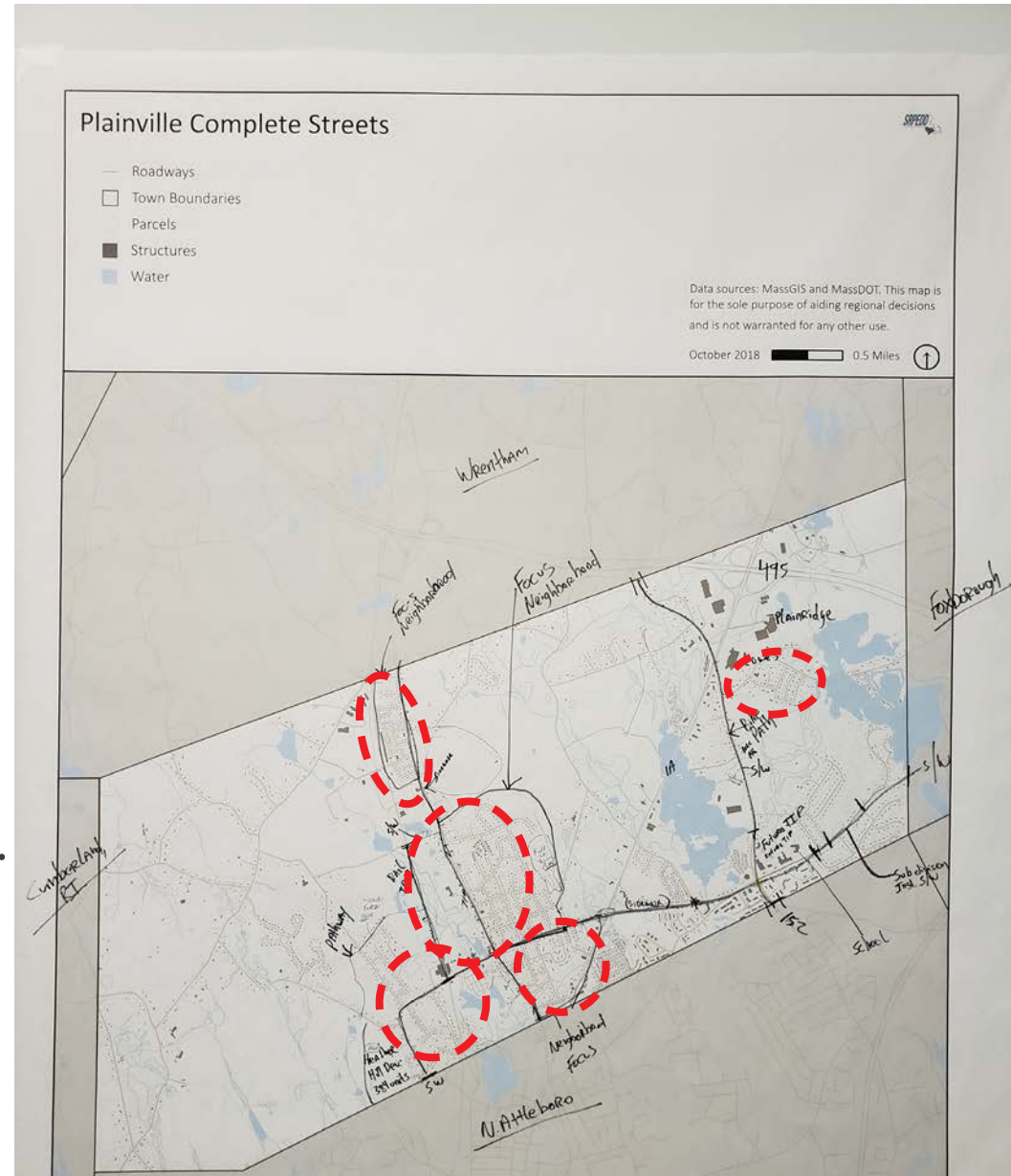
- Lack of sidewalks
- Narrow roadways
- Vehicle speeds
- Truck traffic

Areas of Focus

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

Upcoming Projects/Activities

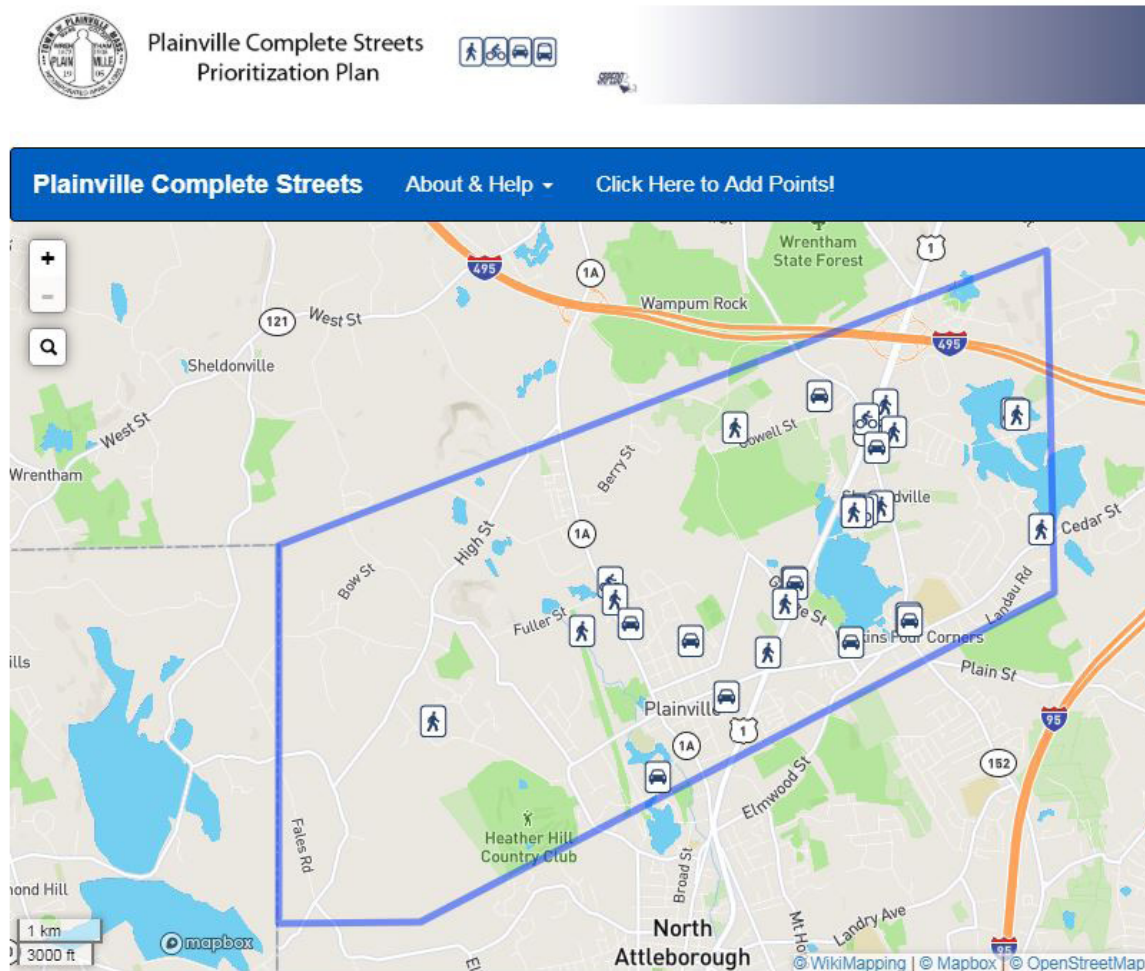
- South Street, Sharlene Dr. to Everett St.
- Improvements at Rt. 1 and George St.



Current Status

Public Input Received

Crowdsource Map



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.

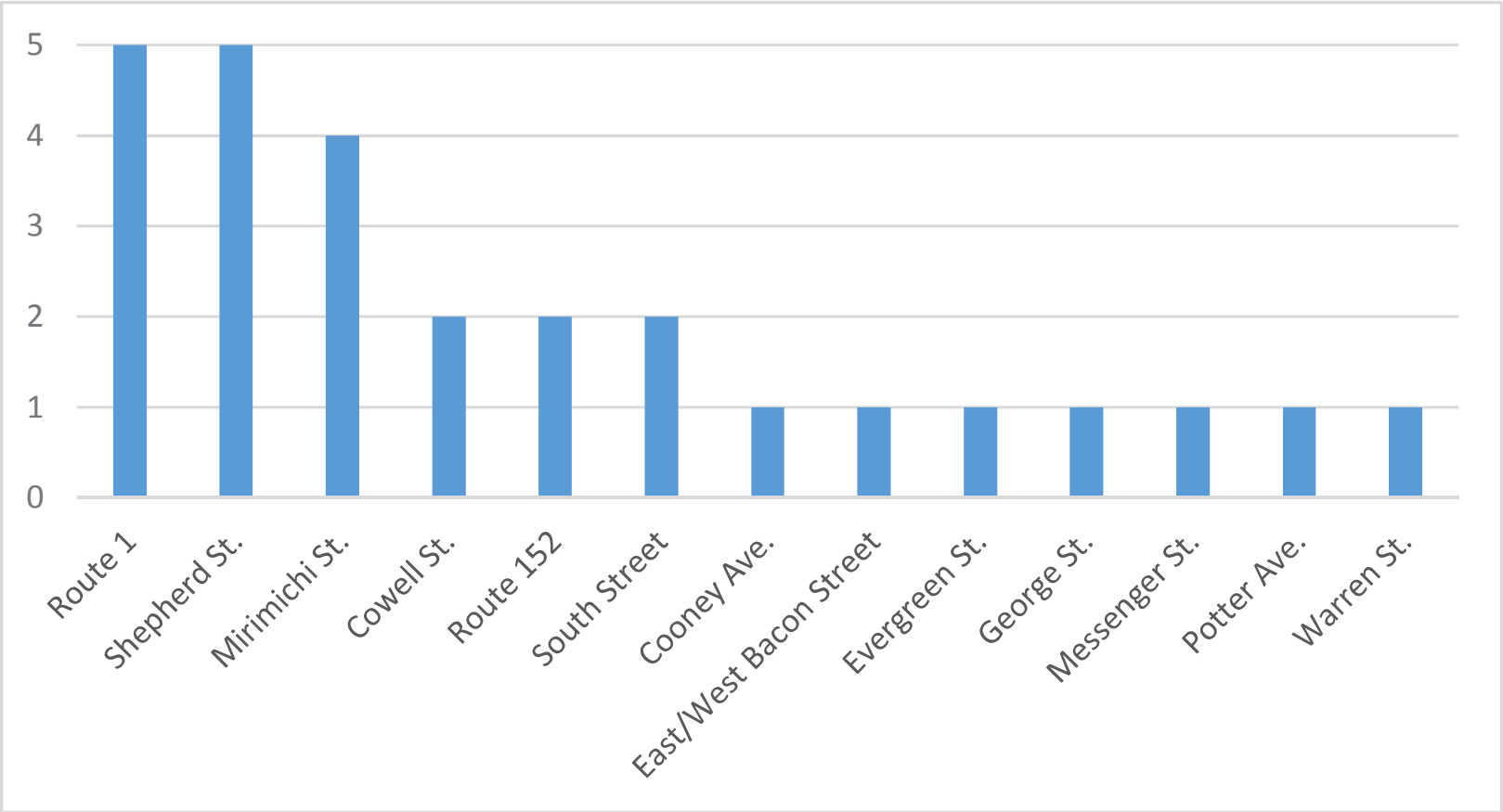
www.srpedd.org/Plainville-Complete-Streets



Current Status

Public Input Received

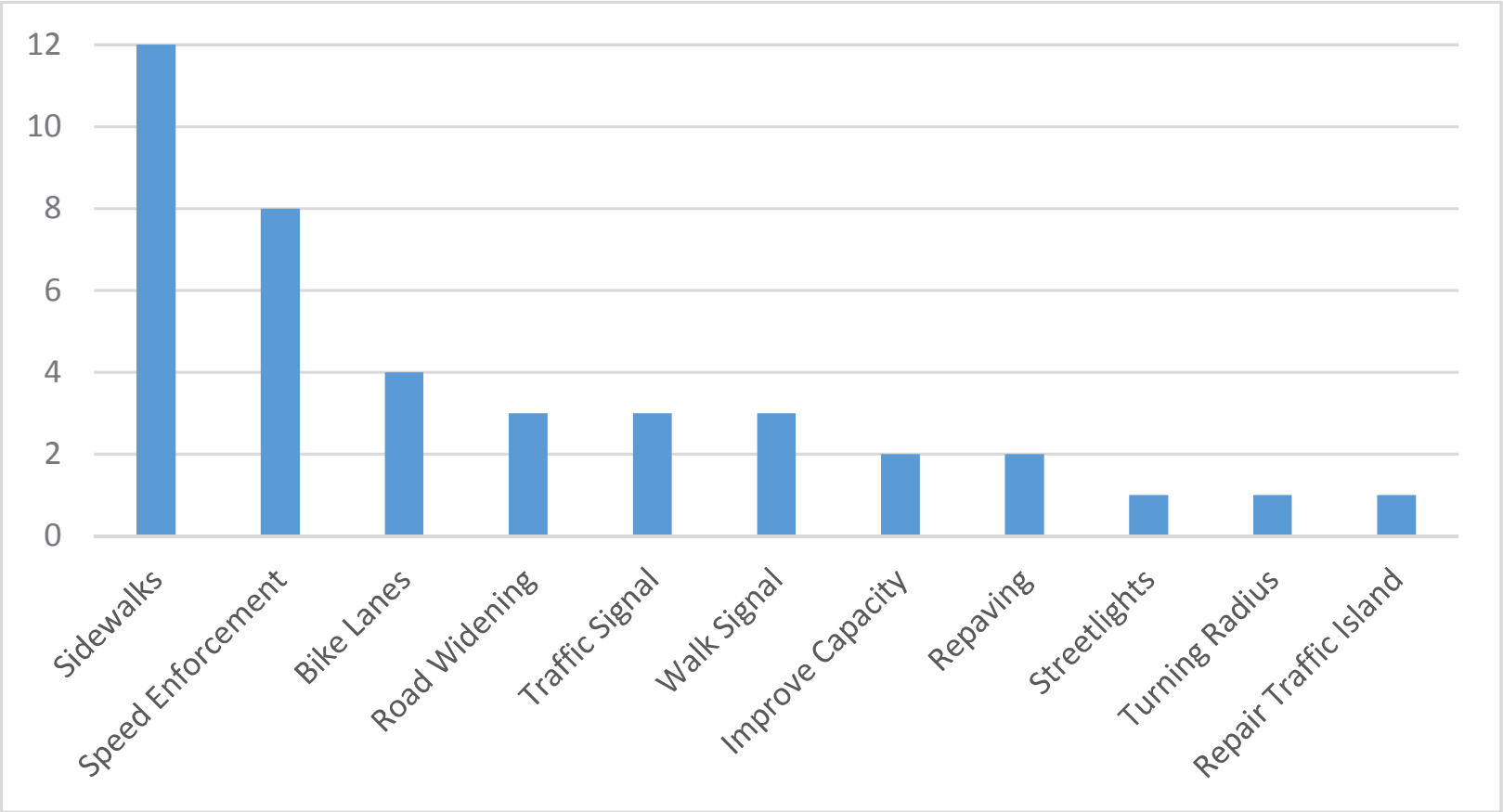
Where are street improvements needed?



Current Status

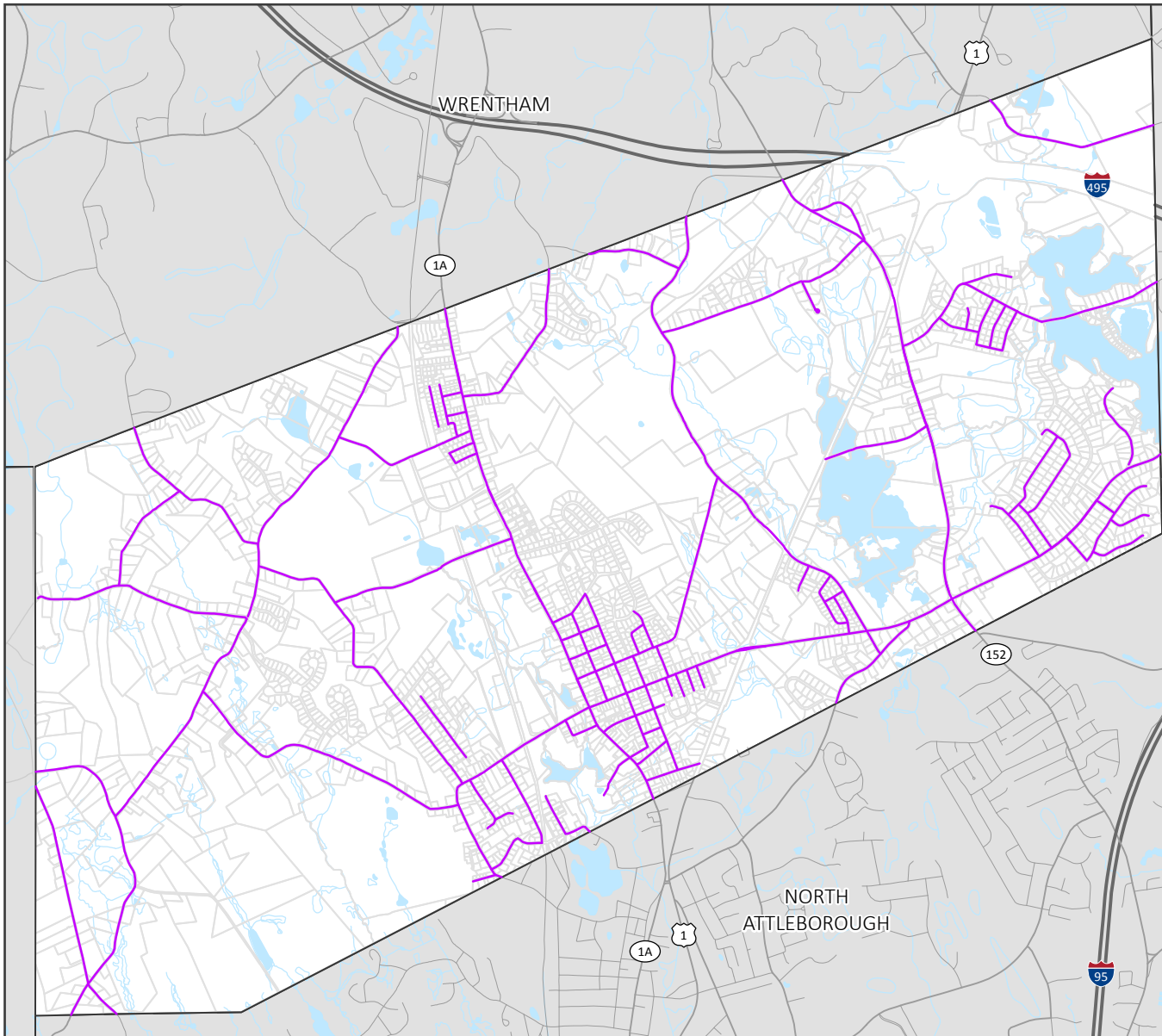
Public Input Received

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 (\leq 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"



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

PL

PI

ADA



- 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

POTENTIAL PROJECT



Current Status

SRPEDD's Findings

POTENTIAL PROJECT

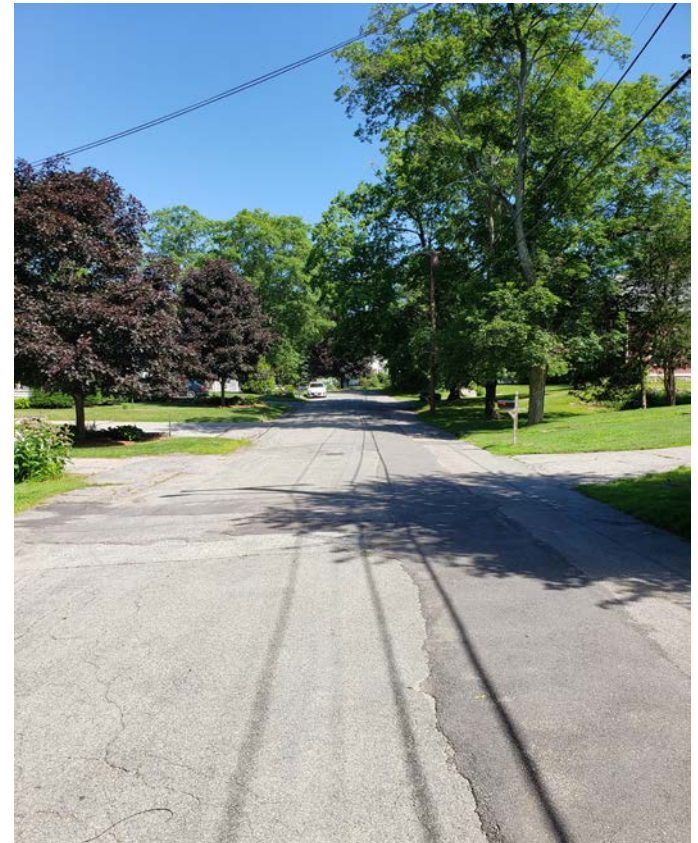
Spring Street

East Bacon Street to Maple Street

NG

PL

NF



- 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

POTENTIAL PROJECT



Current Status

SRPEDD's Findings

West Bacon Street

Elizabeth Street to South Street

NG

PL

PI

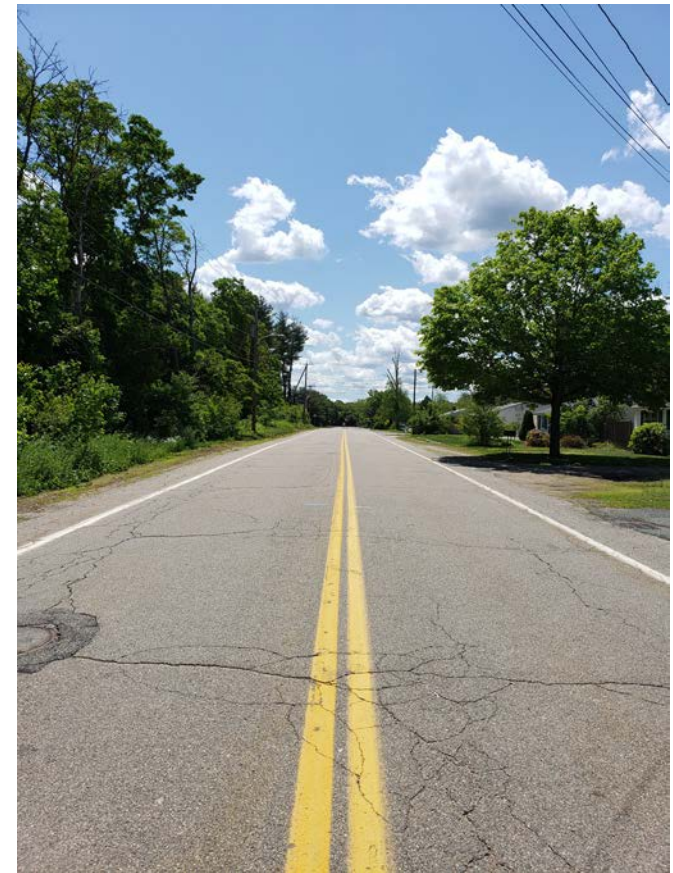
NF

ADA



- 1) Varied lane widths (11 to 14 ft.)
- 2) Utility poles vary
- 3) Link to Downtown
- 4) Identified by WG & public as a need

POTENTIAL PROJECT



Current Status

SRPEDD's Findings

Rail Trail

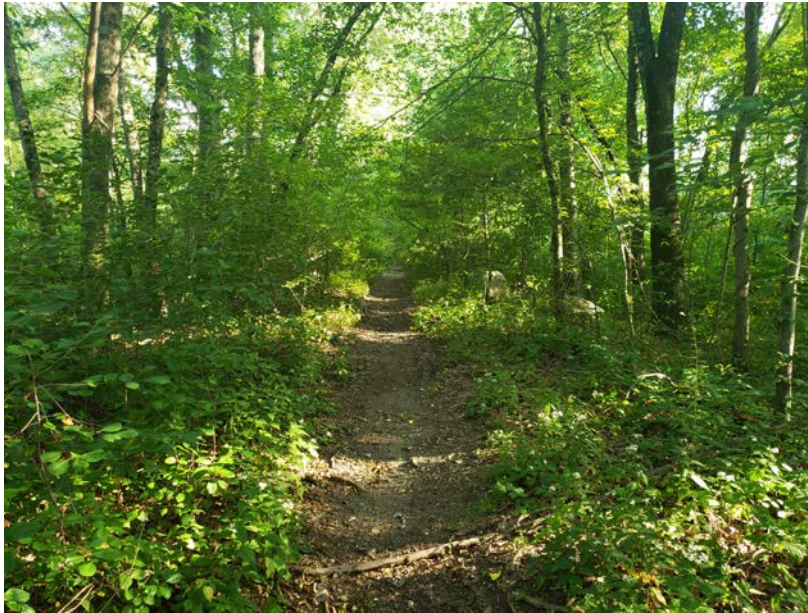
Fuller Street to West Bacon Street

NG

PL

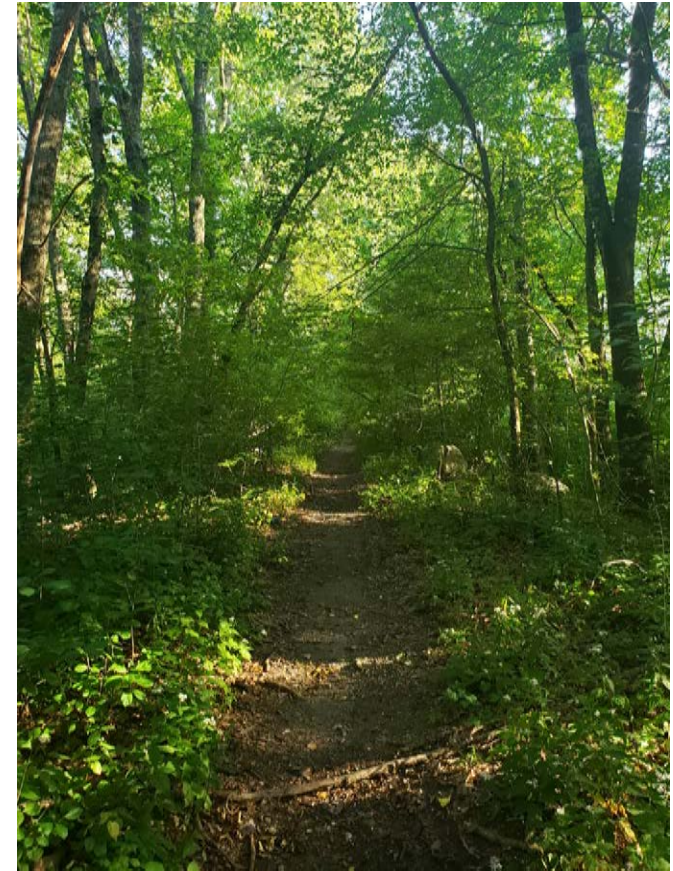
NF

ADA



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

POTENTIAL PROJECT



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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