



Infrastructure Launch Information Session

Monday, October 3, 2022, 2 p.m.



Program Overview: Infrastructure Component

- **Signs and Lines Grants**

- \$6K reimbursement to the municipality and approx. \$4k additional benefits in assessment and design services from AECOM
- 16 Projects completed (since Program inception)
 - Pilot Year Project in 2018/2019-Lawrence
 - 2019/2020 Projects awarded in Brockton, Fitchburg, Holliston, Springfield, and Winthrop
 - 2020/2021 Projects awarded in Chelsea, Nahant, North Adams, Salem, and Seekonk
 - 2021/2022 Projects awarded in Dedham, Haverhill, Melrose, Newton, and Revere
 - **2022/2023 Up to five projects will be awarded**

- **SRTS Infrastructure Grants**

- \$200K to \$2 million projects
- 39 Projects completed (since Program inception)
- 33 Projects are in progress
 - 3 projects awarded previously
 - 14 projects awarded in 2018/2019
 - 7 projects awarded in 2020/2021 (selected from 2018/2019 applications)
 - 9 projects awarded in 2021/2022 (applications submitted via MaPIT)
 - **8-10 projects will be awarded in 2022-2023**



Infrastructure projects seek to improve safety, access, and mobility for students in kindergarten through twelfth grade, while also encouraging more students to walk and bicycle to school.

Eligible Applicants

K-12 Schools (or school campuses) that fulfill the following:

- Partnership with the non-infrastructure SRTS Program for at least 6 months (as of 10/3/22)
- Receive public funding
- Committed to ongoing SRTS activities

Schools that represent diverse socio-economic communities are encouraged to apply

Eligible Projects

Projects that MAY be funded:

- Transportation, construction, & capital improvement projects that:
 - ✓ Will improve safety and/or increase the # of children walking/biking to school
 - ✓ Are located within 2 miles of a K-12 school/school campus
 - ✓ Are within the public way or a bicycle/pedestrian pathway
- K-12 students must be the primary beneficiaries
- Projects must be ADA accessible

Eligible Projects

Projects that will NOT be funded:

- Recurring costs
- Pavement maintenance
- Travel lane improvements
 - Widening and/or adding travel lanes or other motor vehicle related improvements that could negatively affect pedestrian and bicycle safety and mobility.
- School bus improvement projects

Eligible Projects

Eligible Project Examples



Sidewalk
Improvements



Traffic Calming



Crossing
Improvements



Bicycle Facilities

Project Cost Categories

What is covered?

- Funding for design & construction
- No match required!

Project cost estimates

- Small Project Budget (\$250K or less)
- Medium Project Budget (\$250K - \$800K)
- Large Project Budget (\$800K - \$1.5million)

Project Budget Examples

	Small Project Budget: \$250,000 or less		Medium Project Budget: \$250,000-\$800,000		Large Project Budget: \$800,000-\$1,500,000	
Item	Quantity	Cost	Quantity	Cost	Quantity	Cost
New Concrete Shared-Use Path and Granite Curb	440 Linear Feet	\$110,000	840 Linear Feet	\$210,000	1,500 Linear Feet	\$375,000
Pedestrian Ramps	6	\$12,000	12	\$24,000	18	\$36,000
New or Relocated Catch Basins	2	\$14,000	6	\$42,000	8	\$56,000
Pavement markings	N/A	\$2,500	N/A	\$5,000	N/A	\$10,000
Signage	N/A	\$2,500	N/A	\$5,000	N/A	\$10,000
Curb Extensions			4	\$30,000	8	\$60,000
Raised Crosswalk			1	\$10,000	2	\$20,000
Traffic Signal Upgrade			1	\$75,000	1	\$75,000
Pedestrian Flashing Beacon (2 posts at 1 location)			2	\$25,000		
Lighting			N/A	\$75,000	N/A	\$100,000
Pedestrian Flashing Beacon (4 posts at 2 locations)					4	\$50,000
New Traffic Signal					1	\$200,000
Subtotal		\$141,000		\$501,000		\$992,000
Landscaping (estimate 10% of subtotal)	N/A	\$14,100	N/A	\$50,100	N/A	\$99,200
Traffic Management and Mobilization (estimate 15% of subtotal)	N/A	\$21,150	N/A	\$75,150	N/A	\$148,800
Contingency (20% of subtotal)	N/A	\$28,200	N/A	\$100,200	N/A	\$198,400
Total		\$204,450		\$726,450		\$1,438,400

Other Project Considerations

- Infrastructure projects need to comply with the latest standards:
 - Must be accessible to all, including persons with disabilities, per the Americans with Disabilities Act Accessibility Guidelines
 - Will have to meet requirements described in the MassDOT Engineering Directive, “[Controlling Criteria and Design Justification Process for MassDOT Highway Division Projects](#)”

Other Project Considerations

- Proposed infrastructure projects will have to meet the objectives of the Safe Routes to School Program.
 - Must include accommodations for **people walking and biking**
 - Sidewalks on both sides of the street
 - Marked or separated bike lanes
 - Shared use path

Other Project Considerations

- Proposed infrastructure projects will have to meet the objectives of the Safe Routes to School Program.
 - Share-the-road arrows (sharrows) do not qualify as a true bicycle facility under this directive
 - Must connect to a complete street network nearby the partner school

Timelines

Approx. Duration in Calendar Days	SRTS Infrastructure Tasks	Approx. Dates
	Launch Infrastructure Grant via Webinar and Press Release	Monday, October 3, 2022
46	Applications are due	Friday, November 18, 2022
20	Team exports applications and prepares them for review	Thursday, December 8, 2022
14	Selection panel is convened and projects are selected (approx. 8-10)	Thursday, December 22, 2022
7	SRTS submits Request for Approval to MassDOT for selected projects	Thursday, December 29, 2022
8	Selected Schools/Municipalities are notified	Friday, January 6, 2023
3	Begin scheduling scoping meetings and walk audits	Monday, January 9, 2023
39	Complete all Walk Audits and Scoping Meetings by this date	Friday, February 17, 2023
49	10% Design Plan Set delivered to municipality for comment	Friday, April 7, 2023
31	Work with Municipalities to update the Project Need Form (PNF), Project Scope (PS), and prepare everything for the Pre-Project Review Committee (PRC) meeting	Monday, May 8, 2023
7	Pre-PRC Meeting Date	TBD

Year One 2023	Year Two-Three 2024-2025	Year Four 2026	Year Five 2027
<ul style="list-style-type: none"> • Project Selection • 10% Design (AECOM) • MassDOT Project Review Committee (PRC) Approval • MassDOT assigns a Project Manager • MassDOT assigns a design/engineering firm 	<ul style="list-style-type: none"> • 25% /75% Design (combined submission) • Design Public Hearings • Municipal Approval • MassDOT issues ROW Certificate 	<ul style="list-style-type: none"> • 100% Design • SRTS team conducts a pre-construction travel survey • Project Advertisement • SRTS team prepares temporary Arrival/Dismissal plan for school during construction (if needed) • Construction begins 	<ul style="list-style-type: none"> • Construction ends • Ribbon-cutting at the new project (coordinated by SRTS team) • SRTS team conducts a post-construction travel survey