

Town of Sudbury

Community Preservation Committee

<http://www.sudbury.ma.us>
email: cpc@sudbury.ma.us

PROJECT SUBMISSION FORM

Submitter: Maureen Valente, Town Manager

Submission Date: October 23, 2014

Group or Committee Affiliation (if any): Board of Selectmen

Submitter's address and phone number:

278 Old Sudbury Road
Sudbury, MA 01776

Purpose (please select all that apply):

- ☐ Open Space
☐ Community Housing
☐ Historic
☒ Recreation

Submitter's email address: selectmen@sudbury.ma.us; valentem@sudbury.ma.us

Project Name: Mass Central Rail Trail Design/Build – Phase 1

Project Description: Request is for \$300,000 in FY16 for engineering, design and construction of a 1.8 mile rail trail between Dutton Road and Union Avenue to local and Massachusetts Department of Conservation and Recreation standards. This portion will be known as Phase I of the Mass Central Rail Trail. This portion of the trail is one section of a larger 4.6 mile rail trail.

Costs:

Fiscal Year	Total Project Cost	CPC Funds Requested	Other Funding Sources (amount and source)
2016	\$300,000	\$300,000	Sudbury Greenways has pledged funds for wetland delineation estimated at \$23,900; Other public funds sought for spec. design in FY15 - \$15,000
2017			
2018			
2019			
Total	\$300,000	\$300,000	

How does this project meet the General Criteria and Category Specific Criteria for CPC projects?
(see attached)

Does this project fall within the jurisdiction or interest of other Town Boards, Committees or Departments? If so, please list the boards, committees or departments, whether applications and/or presentations have been made, and what input or recommendations have been given.

The Board of Selectmen has proposed investigation of the Mass Central Rail Trail as a Board goal in FY14. The Conservation Commission and Park & Recreation Commission will ultimately have input into any final design of a rail trail. Creation of a rail trail is consistent with the recommendations in the Master Plan.

For Community Preservation Committee Use:

Form received on: _____

Project presented to CPC on: _____

Project Description:

This proposal is a request for \$300,000 in FY16 for engineering, design and construction of a 1.8 mile rail trail that runs east-west between Union Avenue and Dutton Road to Town and Massachusetts Department of Conservation and Recreation standards. This portion will be known as Phase I of the Mass Central Rail Trail. This portion of the trail is the lowest cost section of a larger 4.6 mile trail which provides a recreational corridor between several residential neighborhoods and the Route 20 commercial district.

The price proposal is an estimate developed by the Sudbury Greenways and its partners, and will be further investigated by the Planning and Community Development Department for viability and accuracy prior to the 2015 Annual Town Meeting.

This project contemplates the design and construction of a 10 foot wide multi-use recreational trail consisting of a stone dust (or similar) surface, compliant with ADA requirements for access, and including safe road crossings, wetland protection, bridge improvements, guardrails/fencing on elevated sections of the trail and signage. Additionally, the concept of steel rail removal and salvage in exchange for trail improvements by an independent contractor is contemplated, and is the basis for the cost estimate. This will reduce the cost of construction significantly.

Discussion regarding this rail trail has recently been initiated due to the long term lease of the land from the MBTA to the MA Dept. of Conservation and Recreation. This rail trail will provide safe and healthy routes to the Route 20 commercial corridor and abutting neighborhoods. As town population increases, the volume and congestion of traffic on roads increases; which in turn increases the potential for pedestrian/vehicle collisions. A trail allows for an additional corridor for walking and biking to destinations throughout Town and separates those users from vehicles.

If FY16 funds are approved, the Town will go out for competitive bid for qualified design/build firms, which could result in commencement of construction through the fall and winter and construction following in the spring and summer of 2016. Other funding needs for this project include the development of design and construction specifications, and other funding sources are being sought for that portion of the project in FY15 to jump start the project. Concurrently, private fundraising has already begun to for wetland delineation and permitting. Those funds will be donated to the Town and the Town will manage the project.

When this project moves forward public engagement will be an essential part of the scope of work prior to final design.

The Town has been supportive of creating a rail trail within this corridor. It is both a goal of the Board of Selectmen and a priority in the Open Space and Recreation Plan. Non-binding resolutions at the September 2014 Special Town Meeting also indicated strong support for this project, both Phase 1 and the full trail. The phased approach for this project reduces the FY16 funding need. Additional phases are contemplated in order to eventually complete the entire 4.6 miles of the trail in Sudbury.

The design and construction of the rail trail is an eligible CPA expense.

The following **CPC general** criteria apply to this project:

- Is eligible for Community Preservation Act (CPA) funding according to the requirements described in the CPA legislation.
- Is consistent with the town's Master Plan, Open Space and Recreation Plan and other planning documents that have received wide scrutiny and input and have been adopted by the town.

- Received endorsement by other municipal boards or departments.
- Preserves the essential character of the town as described in the Master Plan.
- Leverages additional public and/or private funds.

The following **Open space** criteria are applicable to this project:

- Provides opportunities for passive recreation and environmental education.
- Provides connections with existing trails or potential trail linkages.
- Develops for recreation a parcel identified in the 2009-2013 Open Space and Recreation Plan.

The following **Recreation** criteria are applicable to this project:

- Supports multiple recreation uses.
- Serves a significant number of residents.
- Expands the range of recreational opportunities available to Sudbury residents of all ages.
- Jointly benefits Conservation Commission and Park and Recreation Commission initiatives by promoting passive recreation, such as hiking, biking, and cross-country skiing, on town owned property.
- Promotes the creative use of railway and other corridors to create safe and healthful non-motorized transportation opportunities.

Attachments:

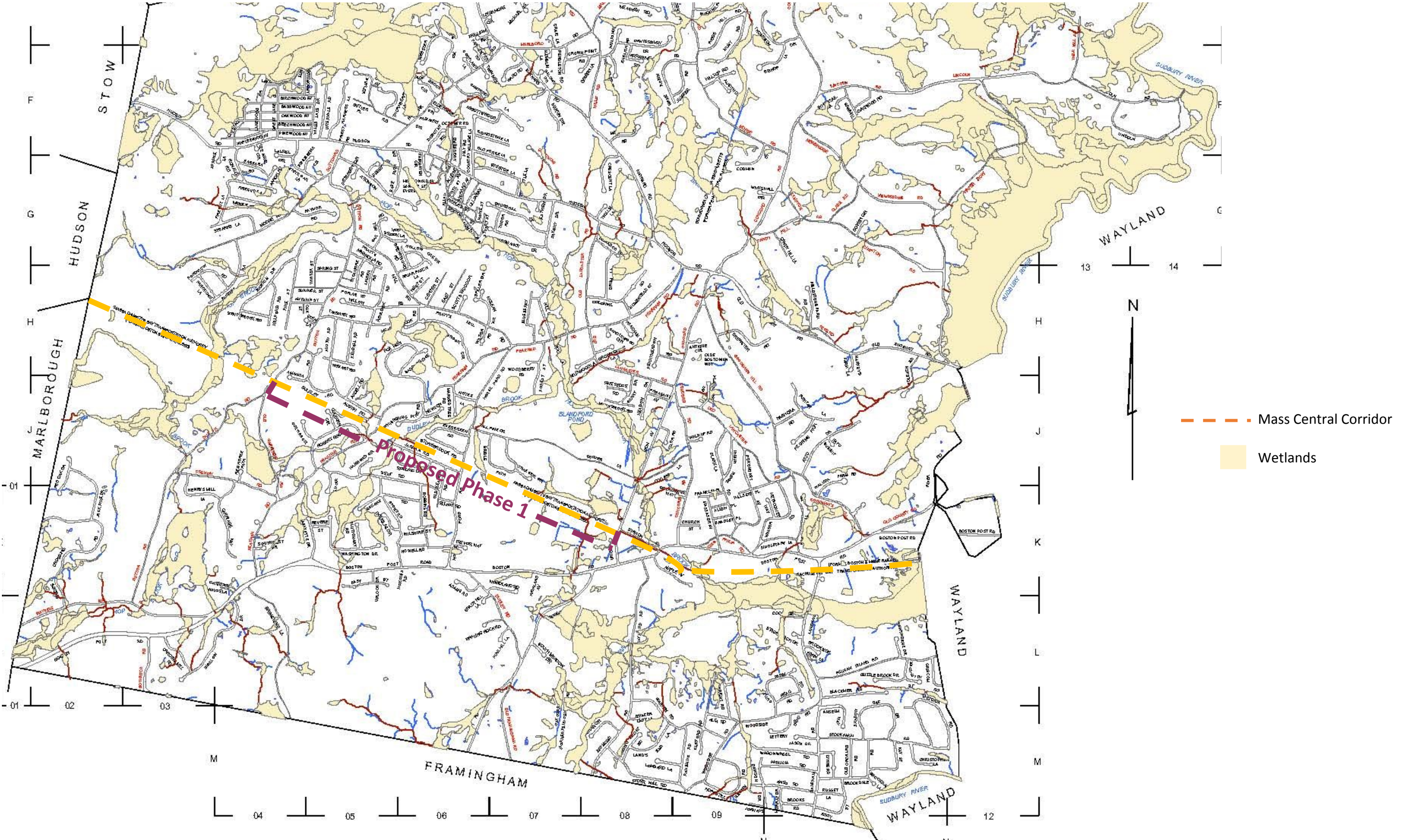
- Price Estimate
- Map of corridor
- Letter of support/list of standards from DCR

Sudbury Greenways - MA Central Rail Trail Road to Union Street)			Phase I (Dutton	Engineer's Conceptual Cost Estimate	
Item	Description	Qty	Units	Unit Price	Total
1	Project Management	1	LS	na	\$7,500
2	Wetlands Permitting				
2a	Delineation & Survey of Flagging	1	LS	na	\$8,600
2b	NOI Filing, including SWPPP and Conceptual Layout Drawings	1	LS	na	\$9,000
2c	ConComm Public Hearings	3	Each	\$2,100	\$6,300
3	Public Participation	1	LS	na	\$12,500
4	Parking Study	1	LS	na	\$10,600
5	Engineering Design Drawings - Crossing Details - 60' Scale	2	sheets	\$4,500	\$9,000
6	ADA Layout at grade crossings, Slope & Misc. Details	1	sheet	\$7,500	\$7,500
7	Grade Crossings, including MUTCD Signage	2	Each	\$3,000	\$6,000
8	Implement Erosion Controls	1	LS	na	\$10,000
9	<i>Rail Removal & Salvage/Recycle</i>	<i>20,000</i>	<i>LF</i>	<i>\$8/LF</i>	<i>-\$160,000</i>
10	Tie Removal and Disposal	10,000	LF	\$15/LF	\$150,000
11	Stone Dust & Granite Stabilizer at up to 4 ADA Access Locations (in place)	10,000	LF	\$10/LF	\$100,000
12	Flexible shoulders	1	LS	na	\$15,000
13	Survey Layout & Verification	6	Days	\$3,000	\$18,000
14	Hand rails, guard rails, etc.	1	LS	na	\$30,000
15	Contingency	1			\$60,000
Estimate of Total Probable Project Cost.....					\$300,000

Assumptions:

1. Up to four (4) ADA trail access points
2. Stone dust surface, including stabilized granite at ADA access points
3. O&M of ADA access points & trail by Sudbury Greenways
4. Comply with Best Management Practices.
5. Layout based on MassGIS Drawings
6. MEPA Certificate already issued

Proposed Mass Central Rail Trail





James S. Kupfer, MPA
Planning and Community Development
Town of Sudbury
278 Old Sudbury Road
Sudbury, MA 01776

October 7, 2014

Dear James;

Thank you for your efforts to partner with the Department of Conservation and Recreation (DCR) to move forward the phased development of the Mass Central Rail Trail (MCRT) – Wayside in the Town of Sudbury. At this time, DCR has not identified funding to fully build the MCRT – Wayside, but we look forward to working with the communities along this portion of the corridor to develop a rail trail that serves as both a community and regional asset. Eventually, we are hopeful that state and federal resources will become available for a full build out of the trail linking Berlin to Waltham and eventually, Northampton to Boston.

In the meantime, we truly appreciate the Town's interest and efforts in developing this trail.

As you consider how to move forward in the Town of Sudbury, please keep in mind that DCR will likely place the following conditions on any proposed project or approach:

- At Grade road crossings will meet AASHTO and MUTC Standards and Guidelines
- The path profile will be 10 feet wide, 12 feet is acceptable in high traffic areas
- The trail surface shall meet applicable Federal Americans with Disabilities Act (ACT) and State Architectural Access Board (AAB) standards.
- If the trail alignment needs to move off the center line of the main track, the Town shall provide a revised alignment that DCR can review and submit to the MBTA.
- The Town shall have approved Wetland Protection Act permits for proposed work, and construction must follow any permit conditions
- Natural Heritage and Endangered Species permits (if necessary) shall to be in hand prior to construction and construction must follow any permit conditions
- Construction cannot begin until DCR has secured Mass Historic Commission concurrence for the proposed work
- The Town should have a drainage plan for the proposed trail
- Any and all trail construction contracting shall follow applicable state procurement laws for horizontal construction

Please let me know if you have any questions.

Sincerely,

Paul Jahnige, DCR Greenways and Trails Program

COMMONWEALTH OF MASSACHUSETTS · EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS

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Deval L. Patrick
Governor

Maeve Vallely Bartlett, Secretary
Executive Office of Energy & Environmental Affairs

John P. Murray, Commissioner
Department of Conservation & Recreation