

The Community Trail Program Project Work Plan

Trail Section: Watson Road (Northern Trailhead) to Spaulding Turnpike

Trail Section Description/Vision: The trail access at Watson Road is the northern trailhead of the Dover Community Trail System and is currently a portion of the trail with a small sign that designates it is open to the public for use. This rural portion of the trail provides the community with access to natural habitat, views of the waterfalls at the hydro dam, and ample opportunities for recreation including hiking, biking, fishing, bird watching, natural environment exploration, and in winter both cross-country skiing and snowshoeing. It serves as an alternative travel corridor for Enterprise Park, and provides employees with an area for exercise.

It is the vision of the trail planners that a grant be secured to fund and construct a parking lot at the trailhead to provide a safe area for users of the trail to leave their vehicles, and to improve trail head signage in congruence with other planned trailhead markers on the trail system.

Associated Land Use Agreements:

- All easements obtained. Final verbal approval from land owner for parking lot at trailhead obtained based upon preliminary engineering plans.

Work Completed:

- A walkable/bikeable trail surface with signage that identifies the location as the Dover Community Trail and trail rules.
- Preliminary engineering report for Watson Rd. Trailhead parking lot.
- A gate has been erected to deter non-motorized vehicular use, except for those with authorized access including emergency response use.
- Field Day/Trail Cleanup Day is planned on May 15, 2010 by the Open Lands Committee in conjunction with Trout Unlimited. This event will be publicized.

Work to Complete:

Task • subtask	Person/Group Responsible	Potential Funding, Partnerships &/or Volunteer Source(s)	Status Update	Timeline for Completion
Trail head parking area • Grant funding needed to construct. Engineering plan available	City & Measured Progress	Possible nearby subdivision developer in lieu of sidewalk construction GBTU	pending	Summer 2011
Trail head signage in congruence with other planned trailhead markers on the trail system	See "Trailhead & Signage Work Plan" Mark Seymour	Great Bay Trout Unlimited Funding signage & possible Kiosk	pending	Summer 2011
Redeploy CE signs from Liberty Mutual to Measured Progress frontage	Tom Fargo & John Woodman (Measured Progress)	Measured Progress	pending	Begin after spring thaw and finish by beginning of summer
(Rope?) Bridge to connect north and south sides river at Upper Factory Rd.	TBD	TBD	Long-term goal for subsequent years	TBD
City linear park acknowledgement and education of users; enforcing use regs easements	Whole committee	Police/F & G/Measured Progress/Liberty/Downeast Energy	pending	TBD

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Trail Section: Spaulding Turnpike Underpass at the Cochecho River Bridge

Trail Section Description/Vision: In order to connect the northern portion of the Dover Community Trail safely with the urban portion a designed and designated underpass at the Cochecho River Bridge is required to be built.

Associated Land Use Agreements:

- Preliminary approval to construct an under-bridge improvement has been obtained from the NHDOT Turnpike Authority. Land use agreement pending.

Work Completed:

- Preliminary engineering and final design plan obtained.
- Environmental permitting acquired.
- Grant acquired from the State of New Hampshire Dept. of Natural Resources & Economic Development Division of Parks & Recreation Bureau of Trails.

Work to Complete:

Task • subtask	Person/Group Responsible	Potential Funding, Partnerships &/or Volunteer Source(s)	Status Update	Timeline for Completion
NHDOT review of under-bridge improvement and final approval process	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development	DRED Grant	In process; email check on March 2 nd .	pending
Grant	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development	State of NH Bureau of Trails	Secured, and pending NHDOT approval	complete
Bid for construction • construction bid docs and specs	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development	none	Docs and specs complete; pending approval above	Late summer 2011
Construction	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development	developer	Pending bid above and developer approval by PB	Late summer 2011
Trail signage and markings	See "Trailhead & Signage Work Plan"	F & G Developer	Site assessment required	Spring for assessment Late summer for erecting signs

Requirements and Plan for Ongoing Maintenance & Oversight of Trail Section: Community organizations needed to provide ongoing support for trail maintenance.

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Trail Section: **Spaulding Turnpike to Whittier Street**

Trail Section Description/Vision: This portion of the trail provides access to more rural northern sections and protected greenways.

Associated Land Use Agreements:

- Easements obtained and executed several years ago. Land owner threatens to renege on agreement.

Work Completed:

- Trailhead signage and rock gate.
- Delineation fencing erected.
- Gravel trail installed.

Work to Complete:

Task • subtask	Person/Group Responsible	Potential Funding, Partnerships &/or Volunteer Source(s)	Status Update	Timeline for Completion
Outreach to land owner on Whittier Falls Parkway	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development	N/A	A Community Trail committee member volunteered to speak to the land owner	Update to be provided at March 15, 2011 Community Trails meeting
Engineering Study/Survey for construction of section between Whittier Falls PrkWy and under bridge and opposite side up to Liberty section	City staff	Seeking pro bono work from local engineering firm or UNH	pending	Late summer 2011
Access control signage for turnpike section	City staff coordination with Turnpike Bureau w/committee oversight	pending	pending	Late summer/early fall 2011

Requirements and Plan for Ongoing Maintenance & Oversight of Trail Section: Community organizations needed to provide ongoing support for trail beautification.

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Trail Section: **Whittier Street to Fourth Street.**

Trail Section Description/Vision: This trail section closely follows the Cochecho River providing the community with recreational access.

Associated Land Use Agreements:

- Sixth Street Station easements obtained.
- Cassilily easements obtained.
- City-owned and city sewer easements obtained.
- Easement from Down East Energy needed to provide access at Sixth Street. Negotiations stalled pending engineering plan for access point.

Work Completed:

- Rough trail exists.

Work to Complete:

Task • subtask	Person/Group Responsible	Potential Funding, Partnerships &/or Volunteer Source(s)	Status Update	Timeline for Completion
Negotiate other half of trail easement and trail construction design with owner of Down East Energy • engineering report	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development	Ken Costello Local engineering firm	Contour drawing file to Ken Costello for concept design work	Early fall 2011
Trail clearing, grading, and some bridge structures	Gabriel Roxby and Thad Mandsager	Community Garden SOCC	Pending	Summer 2011
Trail signage & markings	See "Trailhead & Signage Work Plan"			
Downeast Energy grading work		Outreach to DownEast Energy	pending	fall 2011
Fourth Street to Chestnut site assessment of needs (ie markings, signage, repairs to sidewalks, etc.)	TBD	TBD	Pending	

Requirements and Plan for Ongoing Maintenance & Oversight of Trail Section: Community organizations needed to provide ongoing support for trail maintenance.

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Trail Section: **Fourth Street to DTC (Downtown Transportation Center) – sidewalk section**

Trail Section Description/Vision: This portion of the trail will follow the existing city sidewalks to connect the Fourth Street trail access to the DTC to form a seamless trail system, and will guide urban recreational users to utilize the northern portion of the trail, while also encourage residents to walk to the DTC to promote “green” transportation.

Associated Land Use Agreements:

- None, city owned and maintained.

Work Completed:

- None

Work to Complete:

Task • subtask	Person/Group Responsible	Potential Funding, Partnerships &/or Volunteer Source(s)	Status Update	Timeline for Completion
Survey sidewalk condition for needed repairs • Repair any sidewalk issues	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development	Dover Community Services Department		
Trail signage and markings	TBD See “Trailhead & Signage Work Plan”	CS Dept. and volunteers	On-going	Fall 2011
Outreach to Downeast Energy re: possible Kiosk near 4 th ST.	TBD	Downeast Energy Dover High Building Trades		Spring/Summer 2011

Requirements and Plan for Ongoing Maintenance & Oversight of Trail Section: It is expected this trail section will become part of the Dover Park System according to the 2009 Recreation Chapter of the City of Dover Master Plan. Community organizations needed to provide ongoing support for trail beautification.

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Trail Section: DTC to Washington Street (& Cochecho River Railroad Bridge)

Trail Section Description/Vision: This segment of the Community Trail provides a pedestrian and bicycle-friendly connection with the City of Dover Transportation Center to reduce congestion and parking downtown and provide a healthy alternative for travel needs. This section of the path is to be open 24 hrs. a day to accommodate the range of train and bus hours to facilitate use by commuters.

Associated Land Use Agreements:

- Easements obtained. Cochecho River Railroad Bridge is City-owned.

Work Completed:

- All engineering plan work complete for bridge repairs/ improvements, lighting and railings are in place and the trail is cleared and graded, with a gravel sub-base. Planning Department providing follow-up with contractor for repairs (light fixture, etc.)

Work to Complete:

Task • subtask	Person/Group Responsible	Potential Funding, Partnerships &/or Volunteer Source(s)	Status Update	Timeline for Completion
Trailhead improvements	See "Trailhead & Signage Work Plan"	Rotary considering sponsorship	Proposal sent to Rotary 4/26/10	Summer 2011
Trail signage and markings (including DTC parking lot)	See "Trailhead & Signage Work Plan"	Rotary considering sponsorship of Washington St. trail marker signage	No motor vehicles, bicycle trail indicator, and no dog waste signs in place at DTC.	
Trail surface: Paved 12 ft. width, 2 ft. width gravel shoulders. Grading and gravel sub-base.	Community Services Department Poc: Bruce Woodruff	none	Money approved and work scheduled	Late summer 2011
Benches and trash receptacles		Rotary considering sponsorship	Proposal sent to Rotary 4/26/10	Fall 2011
Trail Spring 2010 Clean-Up	Trail Committee	Main St. Dover Clean-up Day	Completed by volunteers including Dover Police & their families	Completed

Requirements and Plan for Ongoing Maintenance & Oversight of Trail Section: It is expected this trail section will become part of the Dover Park System according to the 2009 Recreation Chapter of the City of Dover Master Plan. Community organizations needed to provide ongoing support for trail beautification.

To facilitate year-round use by commuters it is recommended to be added to the City's downtown plowing route.

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Trail Section: **Washington Street to Folsom Street**

Trail Section Description/Vision: This segment of the Community Trail provides a pedestrian and bicycle-friendly connection with the City of Dover Transportation Center to reduce congestion and parking downtown and provide a healthy alternative for travel needs. It also provides the community with off-street recreational opportunities in an urban environment.

Associated Land Use Agreements:

- All easements with multiple landowners obtained and executed.

Work Completed:

- All engineering plan work completed except paving in the middle section. Planning Department providing follow-up with contractor for landscape repair.

Work to Complete:

Task • subtask	Person/Group Responsible	Potential Funding, Partnerships &/or Volunteer Source(s)	Status Update	Timeline for Completion
Crosswalk safety markings • Curb reset	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development	Dover Community Services Department	Temporary crosswalk marking accomplished fall 2010 Repaint spring 2011	Curb complete
Trail signage and markings	See "Trailhead & Signage Work Plan"	Rotary considering sponsorship	Completed	
Abutter driveway paving in middle section	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development	Dover Community Services Department	Money approved and work scheduled	Late summer 2011
Fencing at parking lot	Bruce Woodruff	None	completed	

Requirements and Plan for Ongoing Maintenance & Oversight of Trail Section: It is expected this trail section will become part of the Dover Park System according to the 2009 Recreation Chapter of the City of Dover Master Plan. Community organizations needed to provide ongoing support for trail beautification.

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Trail Section: **Folsom Street to Silver Street**

Trail Section Description/Vision: This segment of the Community Trail provides a pedestrian and bicycle-friendly connection with the City of Dover Transportation Center to reduce congestion and parking downtown and provide a healthy alternative for travel needs. It also provides the community with off-street recreational opportunities in an urban environment.

Associated Land Use Agreements:

- Goldstein trail easement obtained and executed.

Work Completed:

- Clearing and fill with grading.

Work to Complete:

Task • subtask	Person/Group Responsible	Potential Funding, Partnerships &/or Volunteer Source(s)	Status Update	Timeline for Completion
Paving apartment parking lot	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development	Dover Community Services Department	Money approved and work scheduled	Spring/summer 2011
Trail surface: Paved 10 ft. width, 2 ft. width gravel shoulders. Grading and gravel sub-base.	CS Dept POC: Bruce Woodruff	Dover Community Services Department	Money approved and work scheduled	Spring/summer 2011
Trail signage and markings (including dawn to dusk hours of operation-no lighting)	See "Trailhead & Signage Work Plan"	Dover Community Services Department	Money approved and work scheduled	Spring/summer 2011
Behind Goldstein green garage cleanup	Sub-committee of whole	TBD	Pending	TBD
Public Relations with abutters; specifically no more dumping of yard waste, etc.	Sub-committee of whole	TBD	Pending	TBD
Kiosk at Fisher ST.	Sub-committee of whole	GBTU/High School Bldg Trades	Pending	TBD

Requirements and Plan for Ongoing Maintenance & Oversight of Trail Section: It is expected this trail section will become part of the Dover Park System according to the 2009 Recreation Chapter of the City of Dover Master Plan. Community organizations needed to provide ongoing support for trail beautification.

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Trail Section: **Silver Street Underpass**

Trail Section Description/Vision: This underpass connects the trail under Silver Street.

Associated Land Use Agreements:

- City-owned

Work Completed:

- Lighted underpass structure.
- Stone headwalls and wingwalls.
- Stair access from Silver Street with light and timber railing.
- Graded slope exposing remaining abutment blocks.

Work to Complete:

Task • subtask	Person/Group Responsible	Potential Funding, Partnerships &/or Volunteer Source(s)	Status Update	Timeline for Completion
Sensor lights for tunnel under consideration	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development Sub-committee of whole	City of Dover	Some lights permanently turned off	completed
Bench at stair with trash receptacle	Sub-committee of whole	Rotary considering sponsorship Burns Security?		
Security – faux cameras	Sub-committee of whole			
Damaged handrail on stairway	Bruce woodruff	None	Work order to F & G submitted	Spring 2011
Abutter dumping of yard waste/garbage education	Sub-committee of whole staff		Prepare letter and news article	Spring 2011

Requirements and Plan for Ongoing Maintenance & Oversight of Trail Section: It is expected this trail section will become part of the Dover Park System according to the 2009 Recreation Chapter of the City of Dover Master Plan. Community organizations needed to provide ongoing support for trail beautification.

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Trail Section: Silver Street to Fisher Street

Trail Section Description/Vision: This segment of the Community Trail provides a pedestrian and bicycle-friendly connection with the City of Dover Transportation Center to reduce congestion and parking downtown and provide a healthy alternative for travel needs. It also provides the community with off-street recreational opportunities in an urban environment.

Associated Land Use Agreements:

- City-owned

Work Completed:

- Section has been mostly cleared

Work to Complete:

Task • subtask	Person/Group Responsible	Potential Funding, Partnerships &/or Volunteer Source(s)	Status Update	Timeline for Completion
Install planting and fencing per agreement • obtain current estimate	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development	TIP funds and CIP transfer	Completed fall 2010	PRIORITY
Dredge swale to improve drainage, raise bed near stair access, provide proper erosion controls	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development	CIP transfer funds	Money approved and work scheduled-snow amount has delayed	Spring 2011
Remove remainder of rail road ties • Grading after ties are removed and add gravel subsurface	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development	CIP transfer funds volunteer efforts CS Dept.	Rail ties removed and piled; ready for removal or use as delineators	Summer 2011
Clean up trash, debris, fallen trees and rotted ties	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development	UNH and city volunteers from Main St program clean up day & GBTU	Reach out to Main Street and GBTU	Late spring 2011
Trail surface: Paved 10 ft. width, 2 ft. width gravel shoulders.	“	CIP transfer funds	Waiting on brush-hogging, swale clean up and gravel	Late summer 2011
Fisher St. crosswalk	Bruce Woodruff & Michele Alexander Dover Dept. of Planning & Community Development	Dover Community Services Department	No crosswalk until trail opened	TBD
Signage including dawn to dusk rule	See “Trailhead & Signage Work Plan”	F & G	Completed fall 2010	

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Trail Section: Fisher Street to Central Avenue

Trail Section Description/Vision: This urban section follows the old rail bed, with the exception of a section behind the Moore Business Building Complex.

Associated Land Use Agreements:

- Moore Business Building Complex (in negotiations)

Work Completed:

- Half of this sections trail easement has been obtained from Moore Business Forum Complex.
- Trailhead parking and easement on former Macintosh College property is obtained.
- Clearing to open trailhead has been completed.

Work to Complete:

Task • subtask	Person/Group Responsible	Potential Funding, Partnerships &/or Volunteer Source(s)	Status Update	Timeline for Completion
Negotiate other half of trail easement and trail construction design with owner of Moore Business Forum • engineering report	Subcommittee of whole/Chair	owner	Chair will contact owner and do PR re: benefit of trail	TBD
Trail clearing, tie removal, grading (Maintain/use historic rail structures)	Subcommittee of whole City staff	CS Dept "Clean-up" volunteers	Pending	TBD
Trail surface: Paved 10 ft. width, 2 ft. width gravel shoulders, and sub-base				Explore options upon upon trail clearing
Railings on steep side slopes & wetlands(1 st choice – mill motif aluminum black, 2 nd wood rails)				Explore options upon trail clearing
Crosswalk at Central Ave.				Future phase
Central Ave. & Macintosh trailhead • need easement finalized	See "Trailhead & Signage Work Plan"			
Signage including dawn to dusk rule	See "Trailhead & Signage Work Plan"			
Landscaping to break up long trail sections (desirable)		Adopt-a-Spot		
Lighting at trail intersection near former Macintosh College (desirable)				

Requirements and Plan for Ongoing Maintenance & Oversight of Trail Section: It is expected this trail section will become part of the Dover Park System according to the 2009 Recreation Chapter of the City of Dover Master Plan. Community organizations needed to provide ongoing support for trail beautification.