



**STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF OUTDOOR RECREATION
DIVISION OF STATE PARKS & PUBLIC OUTREACH**

Recreational Trails Program Application

Print or type unless otherwise noted.

NOTE: Projects selected for funding under this program are subject to the requirements of the National Environmental Policy Act (NEPA); the Clean Water Act (CWA); the Uniform Relocation and Real Property Acquisition Policies Act of 1970 (Uniform Act); the American with Disabilities Act and the Civil Rights act of 1964; and the National Historic Preservation Act (NHPA), each as amended. No recreational project using federal funds shall discriminate on the grounds of race, color, or national origin and may not exclude any person from the use of such improvement or new trail facility. For more information please see 49 CFR Part 21. The requirements of Section 4(f) of the FHWA regulations do not apply to this program.

DEP USE ONLY

Approved

Denied

By: _____

Part I: General Information

Project Title: **Improving Universal Access at Bicentennial Pond**

Estimated Project Cost: **\$ 29,500** (include labor)

Total Amount Requested: **\$23,600** (up to 80% of total cost)

Total Project Area: Acres: **455 acres** Length of Trail: **0.7 miles**

Project Proposal Type (check appropriate box):

Development Renovation Maintenance Acquisition Education

Part II: Applicant Information

1. Applicant Information:

Name: **Jennifer Kaufman**

Title: **Parks Coordinator**

Mailing Address: **Parks and Recreation 10 South Eagleville Road**

City/Town: **Mansfield**

State: **CT**

Zip Code: **06268**

Business Phone: **860-429-3015**

ext. **204**

Fax: **860-429-9773**

Email: **KaufmanJS@mansfieldct.org**

2. Chief Executive Officer:

Name: **Matthew W. Hart**

Title: **Town Manager**

Mailing Address: **4 South Eagleville Road**

City/Town: **Mansfield**

State: **CT**

Zip Code: **06268**

Business Phone: **429-3336**

ext.

Fax: **860-429-6863**

Email: **HartMW@MansfieldCT.org**

Part II: Applicant Information (continued)

3. Grant Administrator:

Name: Jennifer Kaufman

Title: Parks Coordinator

Address: Parks and Recreation 10 South Eagleville Road

City/Town: Mansfield

State: CT

Zip Code: 06268

Business Phone: 429-3015

ext. 204

Fax: 860-429-9773

Email: KaufmanJS@MansfieldCT.org

4. Organization or Municipality's Tax ID (FEIN) Number: 06-600-2032

5. Legal name for your Organization (www.concord-sots.ct.gov) or Municipality (www.ct.gov):

Town of Mansfield

6. Legislative District (STATE):054/S29

(www.cga.ct.gov)

7. US Congressional District: District 2

(www.house.gov)

8. Property owner information, if different than applicant:

Name: Same as Applicant

Title:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.

Fax:

Email:

Note: If the applicant is not the property owner, permission for public recreational access must be documented. Include such documentation as Attachment A.

Part III: Project Information

1. **Project Description:** Describe the project as it relates to providing and/or enhancing a public recreational trail. Trail projects must be on publicly accessible land. Describe any unique or imaginative ways this project will meet the recreational need of the community.

See attached sheet

Check here if additional sheets are necessary, and label and attach them to this sheet.

Improving Universal Access, Trail Linkages, Educational, and Physical Activity Opportunities at the Bicentennial Pond/Schoolhouse Brook Park Recreation Area

1) PROJECT INFORMATION AND SCOPE OF WORK

Background

Bicentennial Pond Recreation Area, situated in Mansfield's 455-acre Schoolhouse Brook Park, is the site of numerous regionally significant community recreational and educational activities including:

- Swimming, hiking, mountain biking, picnicking, and concerts
- Mansfield's municipal summer camp program, where approximately 750 children attend each summer
- Outdoor classroom and physical activities for Mansfield Middle School (MMS), which is adjacent to the Bicentennial Pond Recreation Area.
- Connection to 8.54 miles of Town trails within in Schoolhouse Brook Park.
- Connection to the Nipmuck Trail, part of the State Blue Blazed Trail System, a state designated greenway, which begins in Mansfield and travels north to the Nipmuck Forest in Union, CT on the Massachusetts border.

Currently, there is a wheelchair accessible path to the beach and swimming area but no way for someone in a wheelchair to travel deeper into the park.

Project Description

The Town of Mansfield, in partnership with Eastern Highland Health District and Mansfield Middle School, proposes to design improvements for universal access at the Schoolhouse Brook Park/ Bicentennial Pond Recreation Area. This grant request is for design only so that the Town can obtain all required permits and accurate cost for construction. The design will consist of an accessible pond loop trail and will improve the link between Mansfield Middle School and the Bicentennial Recreation Area. The trail will connect to the existing beach path and swimming ramp and will follow the pond edge and join the existing Byron's Trail. A trail location map is attached.

The universal access trail will be designed to:

- Create a pond loop trail that connects with the existing 8.54 miles of park trails at Mansfield's most often used recreation area. This trail system includes the State Blue Blazed Nipmuck Trail. Town of Mansfield staff will coordinate with the Connecticut Forest and Parks

Association to ensure that the uses on the proposed universal trail are compatible with uses on the Nipmuck Trail.

- Afford access to natural areas around the pond that are currently inaccessible to those in wheelchairs.
- Improve access for MMS students for educational and physical education activities.
- Increase access to physical activity opportunities for the region.
-

Project Scope of Work

To improve universal access, trail linkages, educational and physical activity opportunities at the Bicentennial Pond/Schoolhouse Brook Park Recreation Area the partners propose the following:

- With a landscape architect and engineer, design a universal access trail, in compliance with Americans with Disabilities Act (ADA) standards along Bicentennial Pond and link to Mansfield Middle School (MMS) and the existing network of trails in Schoolhouse Brook Park.
- Based on the design, complete and file local and state permits.
- In collaboration with Mansfield Middle School staff and Eastern Highland Health District Health Promotion Staff, develop methods to improve educational and physical activity opportunities.
- Provide staff oversight and coordination.

It is estimated that the after design, the trail construction will cost approximately \$200,000.

2) COST ESTIMATE

In partnership with Mansfield Middle School and the Eastern Highland Health District, the Town of Mansfield proposes the following:

With a landscape architect and engineer, design a universal access trail, in compliance with Americans with Disabilities Act (ADA) standards along Bicentennial Pond and link to Mansfield Middle School (MMS) and the existing network of trails in Schoolhouse Brook Park.

\$ 25,000

Based on the design, complete and file local and state permits

\$ 2,000

In collaboration with Mansfield Middle School staff and Eastern Highland Health District Health Promotion Staff, develop methods to improve educational and physical activity opportunities. \$ 1,000

Staff oversight and coordination

\$ 1,500

Total Cost

\$ 29,500

Total Funds Requested (80% of Total Project Cost)

\$ 23,600

Total Funds/In kind services

provided by the Town of Mansfield

\$ 5,900

Part III: Project Information (continued)

2. Check the Yes or No box as applicable and provide details as specified.

Yes No

- This is a project that is noted in DEP's Recreational Trails Plan (www.ct.gov/dep/recreation)
- This project connects to and extends trail(s) on state owned land.
- This project is included in a local and/or regional plan. Provide copies of relevant excerpts as Attachment B.
- This project is located in more than one town or provides a link to one or more towns.
- This is the Next Phase of a project previously **completed** (no outstanding grant balance) and funded by DEP's RTP.
- This project is part of an alternative transportation plan (bike ped, etc).
- This project is part of a CT Greenways Council designated greenway. If Yes, provide the name of the Greenway:

Blue Blazed Trail System

- This project is the first of a kind or in the area.
- This project is receiving funding from other State or Federal agencies. If Yes, provide source of funding:
- This project incorporates a Safe Routes to School program.
- This project serves an urbanized area.

3. Project Maps. Include a project location map presented on a USGS Quadrangle (<http://edcsns17.cr.usgs.gov/EarthExplorer>) and a more detailed site plan showing the proposed trail bed improvements, trail heads, locations and technical drawings of trail amenities (parking areas, benches, plantings, fencing, bathrooms, etc.) and signs and/or kiosks and bridges and/or boardwalks as Attachment C. Digital photos and maps (digital photos taken of hard copy maps are acceptable) are preferred.

4. Site Suitability: Check the Yes or No box as applicable and provide details as specified:

Yes No

- Inland Wetlands permits are needed for this project. If Yes, provide copies if they have been obtained as Attachment D.
- Conservation Commission permits are needed for this project. If Yes, provide copies if they have been obtained as Attachment D.
- Recreation Commission permits are needed for this project. If Yes, provide copies if they have been obtained as Attachment D.
- Other permits (Corps of Engineers, etc.) are needed for this project. If Yes, list them in the space provided and provide copies if they have been obtained as Attachment D.

Part III: Project Information (continued)

4. Site Suitability: (continued)

Yes No

- The project is located in a Federal Emergency Management Agency (FEMA) floodzone. You can find FEMA information at your town hall in the building department or on the Internet at FEMA's map center (www.msc.fema.gov): If your proposal is recommended for funding by the Recreational Trails Advisory Committee, it will be forwarded to DEP's Inland Water Resources Division staff for assessment of the need for Flood Management Certification (FMC). As a part of your contractual obligations, your project work within the flood plain will not be able to begin until FMC is obtained. Other restrictions may be attached.
- The project is within an aquifer protection area.
[To view the applicable list of towns and maps visit the DEP website at www.ct.gov/dep/aquiferprotection.
To speak with someone about the Aquifer Protection Areas, call 860-424-3020]
- The project lies within an area identified by the CT DEP Natural Diversity Data Base as possibly containing endangered species. If Yes, and your proposal is recommended for funding by the Recreational Trails Advisory Committee, it will be forwarded to NDDDB staff for assessment. Any restrictions will become part of your contractual obligations.
[For more information visit the DEP website at www.ct.gov/dep/endangeredspecies (Review/Data Requests) or call the NDDDB at 860-424-3011]
- The project may impact historical, geologic or archaeological sites. If Yes, projects will not be considered by the Federal Highways Administration for funding without a letter from State Historic Preservation Office (SHPO) finding no impact on cultural/archaeological resources. If your proposal is recommended for funding by the Recreational Trails Advisory Committee, it will be forwarded to the SHPO for assessment. If further investigation by the SHPO is recommended, your project funding will be delayed until such investigations are completed. Non-profit organizations and municipalities are eligible for up to \$20,000.00 on a non-matching basis to undertake general area (property/properties, municipality, watershed) archaeological reconnaissance surveys. Contact SHPO for details at 860-256-2761.
- Is the project within the coastal area?
www.ct.gov/dep/gis (GIS Data)

Part III: Project Information (continued)

4. Site Suitability: (continued)

Yes No

 Are there reserved rights/restrictions or environmental intrusions (power lines, dumps, factories, roads, etc.) on or in close proximity to the trail? If Yes, please give details:

 The trail passes through a residential neighborhood. If Yes, residents must be informed about the project scope. Provide letters or other informational material that was provided or minutes from public meeting(s) as Attachment E.

 The property through which the trail will pass is suspected of containing hazardous and/or contaminated materials. What has been done to screen for these materials?

Check here if additional sheets are necessary, and label and attach them to this sheet.

Part III: Project Information (continued)

5. Site Accessibility and User Group Information:

- a) Please identify the major service area(s) (neighborhood(s), city(ies), which would be affected by this trail. Indicate the approximate mileage the primary service areas would need to travel to access this site.

The site is located in central Mansfield and within a maximum distance of 7 miles from CT Routes 195, 89, 32, 6 and 44, providing good regional access.. Two urbanized areas, the University of CT and Willimantic are within a 10-minute drive to the site.

- b) Within the identified primary service area is there any elderly housing projects, housing authority (public housing), ethnic community or low or very low-income areas or neighborhoods?

Yes No

Please describe the methods or means by which these user groups will access the site.

Users can use private transportation or dial-a-ride.

- c) What is the estimated population of the project area?

Mansfield is approximately 24,070 persons. Mansfield plus its abutting towns includes a population of approximately 85,000 persons.

- d) Will this trail be multi-use or single-use?

Multi-use

- e) Which user group or groups would be utilizing this trail? Provide some indication of use intensity expected (i.e. user/week) and method of transportation (pedestrian/hiker, mountain biker, trail bike).

Pedestrian/hiker, mountain biker, cross country skiers

Check here if additional sheets are necessary, and label and attach them to this sheet.

Part III: Project Information (continued)

- f) If this project is multi-use, is there the possibility of conflicting use? Yes No
If Yes, how will these conflicts be resolved?

- g) To what degree will this project provide assistance to people who have disabilities? Your project must use the best information available to ensure broad usability. List any ADA trailside amenities or trailhead facilities that are available (such as platforms, parking areas, shelters, compost toilets, etc.) to improve accessibility for people with disabilities. Please note: Often times, taking accessibility measures is not feasible on trails due to trail terrain, environmental conditions, nature of the setting, prevailing construction methods or required materials that would be prohibited by federal, state, or local laws or where compliance would cause substantial harm to or alter cultural, historic, religious, or significant natural features of the setting. See the Forest Service website (www.fs.fed.us/recreation) for the best available guidance for trail projects.

The trail will be graded to a slope of less than 5% and will comply with all ADA codes. Handicapped

accessible parking will be available. The trail will connect to an existing wheelchair accessible path

and swimming ramp. The attached design proposal details of how ADA codes will be met.

Check here if additional sheets are necessary, and label and attach them to this sheet.

Part V: Applicant Certification

The applicant *and* the individual(s) responsible for actually preparing the applicant must sign this part. An application will be considered incomplete unless all required signatures are provided. [If the applicant is the preparer, please mark N/A in the spaces provided for the preparer.]

<p>"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief.</p> <p>I understand that a false statement in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute.</p> <p>I certify that this application is on complete and accurate forms as prescribed by the commissioner without alteration of the text."</p>	
<p><u>Jennifer Kaufman</u> Signature of Applicant</p>	<p><u>8/31/2009</u> Date</p>
<p><u>Jennifer Kaufman</u> Name of Applicant (print or type)</p>	<p><u>Parks Coordinator</u> Title (if applicable)</p>
<p>_____ Signature of Preparer (if different than above)</p>	<p>_____ Date</p>
<p>_____ Name of Preparer (print or type)</p>	<p>_____ Title (if applicable)</p>

Submission and Deadline: Proposals must be received by **September 1** of each year.

- a. Email, laurie.giannotti@ct.gov

OR

- b. Mail reports **on a CD** or other electronic storage device as appropriate to:

Laurie Giannotti, Trails & Greenways Program Coordinator
Department of Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

OR

- c. If you must send paper proposals, send 4 copies (1 must contain color maps) to the above address.

Part IV: Supporting Documents

Please check the attachments submitted as verification that *all* applicable attachments have been submitted with this application form. When submitting any supporting documents, please label the documents as indicated in this part (e.g. Attachment A, etc.) and be sure to include the applicant's name.

- | | | |
|-------------------------------------|---------------|---|
| <input type="checkbox"/> | Attachment A: | If the applicant is not the property owner, permission for public recreational access must be documented. Include such documentation as Attachment A. |
| <input checked="" type="checkbox"/> | Attachment B: | If this project is included in a local and/or regional plan provide copies of relevant excerpts as Attachment B. |
| <input checked="" type="checkbox"/> | Attachment C: | Provide project location map and detailed site plan as described in Part III, item 3 of this application. |
| <input type="checkbox"/> | Attachment D: | If other permits such as Inland Wetlands, Conservation Commission, Recreation Commission, Corps of Engineers, etc. are needed for this project, provide copies of these permits if they have been obtained as Attachment D. |
| <input type="checkbox"/> | Attachment E: | If the subject trail passes through a residential neighborhood, provide letters or other informational material that was provided or minutes from public meeting(s) as Attachment E. |
| <input checked="" type="checkbox"/> | Attachment F: | Provide, as Attachment F, evidence of public participation at the local level as described in Part III, item 6 of this application. |
| <input checked="" type="checkbox"/> | Attachment G: | If applicable, provide letters of support for your project as Attachment G. |
| <input checked="" type="checkbox"/> | Attachment H: | Provide project tasks as described in Part III, item 7 of this application. |
| <input checked="" type="checkbox"/> | Attachment I: | Provide funding documentation as described in Part III, item 8 of this application. |
| <input checked="" type="checkbox"/> | Attachment J: | Provide Maintenance Plan as described in Part III, item 9 of this application. |
| <input checked="" type="checkbox"/> | Attachment K: | Provide Project Cost Estimate as described in Part III, item 10 of this application. |
| <input type="checkbox"/> | Attachment L: | If the subject proposal is for a Land Acquisition Project, provide information described in Part III, item 11 of this application. |
| <input checked="" type="checkbox"/> | Attachment M: | If the subject proposal is for an Educational Project, complete and submit "Educational Project Supplemental Application" (DEP-TRAILS-APP-001A). |

Part III: Project Information (continued)

10. Project Cost Estimates: Provide an itemized project cost breakdown as Attachment K. Describe the means by which said cost was derived. List any engineers, appraisers, contractors or manufacturers that were consulted. Use the following table format shown below

Name of Grantee	
Project Cost Estimates	
Item (should correspond to your scope of work and may have more detail)	Cost
Task 1 Item a	\$1,500.00
Task 1 Item b	\$300.00
Task 2 Item a	\$1,000.00
Task 3 Item a	\$500.00
Task 3 Item b	\$1,000.00
Task 3 Item c	\$700.00
TOTAL Project Costs	\$5,000.00
Match ($\geq 20\%$ of total project costs.)	\$1,700.00
Grant Amount ($\leq 80\%$ of total project costs)	\$3,300.00

Match Requirements: Matching contribution may be in the form of in-kind labor and/or equipment, equipment lease/rental or material purchase or donation above and beyond the grant amount. In-kind labor shall be defined as the pay rate for that particular job function as defined by the State of Connecticut, Department of Labor, Prevailing Wage Rate for the area. No fringe or indirect cost shall be added to in-kind labor. Equipment shall be credited at the rate allowable by the current Federal Emergency Management Agency (FEMA), Schedule of Equipment Rates (www.fema.gov/government) or a rate mutually agreed upon should said equipment not be listed, or the full amount if equipment is leased or rented.

11. If you are proposing a **Land Acquisition Project** provide the following information as Attachment L.

- a. Appraisal - You must submit an appraisal of the land to be acquired, and a review of the appraisal by an independent review appraiser. The review appraiser must certify that the appraisal meets the standards of the Uniform Appraisal Standards for Federal Land Acquisitions, found at www.usdoj.gov.
- b. Regulations - Projects involving land acquisition must also conform to the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, 42 U.S.C. § 4601 et seq., as amended, found at www.fhwa.dot.gov. These regulations apply to evaluating the acquisition of real property and any potential displacement activities. Provide proof of compliance with these regulations.

12. If you are proposing an **Educational Project**, complete and submit the "Educational Project Supplemental Application" (DEP-TRAILS-APP-001A) as Attachment M.

Part III: Project Information (continued)

7. Scope of work: You will be granted 3 years to complete your project. Provide your "Project Tasks and Anticipated Completion Timeline," as Attachment H in a table format as shown below.

<i>Project Tasks and Anticipated Completion Timeline</i>		
Tasks	Person(s) Performing Work	Anticipated Completion Date
Task 1	Staff and volunteers	March 2010
Task 2	Consultant (name here)	October 2010

8. Funding Mechanism: This is a reimbursement program; funds are to be expended within the approved project period before reimbursement is available for up to 80% of your total project costs.

- a) Provide documentation such as a copy of a Capitol Budget, Written Pledges or Special Fund Account showing the source and availability of funds as Attachment I.
- b) A 20% match is required. Will the project include a donation of land, cash, equipment or labor from private organizations, agencies, companies or individuals? Yes No

Please list and explain the pledge or services which will be donated.

The Town of Mansfield will provide 20% (\$5,900) of the project cost through inkind staff services and its Parks Improvement Budget. Attached is Mansfield's Five year proposed Capitol Improvement budget..

9. Maintenance Plan: Grantees are required to maintain projects that utilize Recreational Trails Grant funds and to provide assurance of such operation and maintenance for a period not to exceed the life expectancy of the trail, ten years, or until total destruction or degradation by an act of nature, whichever comes first. All projects *must* provide a description of how the trail will be maintained including who will be responsible, who will perform the maintenance and how will it be performed, anticipated maintenance schedule, anticipated maintenance budget and funding mechanism(s). Provide maintenance plan as Attachment J.

Part III: Project Information (continued)

6. **Public Participation:** Public participation can be defined as: special public meetings, proposal reviewed by special interest groups or advisory councils and boards, public fund raising, construction or maintenance, etc.

- a) Please describe how public participation at the local level was included in planning this project. Evidence of this public participation should be provided, such as public notices, news releases, public surveys, minutes and news articles as Attachment F.

This project is in partnership with Eastern Highlands Health District and the Mansfield Board of Education. In addition this project was approved by the Mansfield Town Council and the Mansfield Parks Advisory Committee, Open Space Preservation Committee, and Conservation Commission. Regional support was obtained by the Windham Area Council of Governments and the Connecticut Forest and Parks Association.

- b) If appropriate, provide letters of support for your project as Attachment G.

Check here if additional sheets are necessary, and label and attach them to this sheet.

**Attachment A
Not Applicable**

Attachment B
Relevant Excerpts from Mansfield Plan of Conservation and Development and State
Recreational Trails Plans

I. POTENTIAL PARK AND RECREATION FACILITY IMPROVEMENTS

The following list identifies potential new park and recreation facility improvements that address current and anticipated community needs and promote goals and objectives of Mansfield's Plan of Conservation and Development. It is emphasized that this listing is not intended to represent a commitment to fund the listed improvements or to locate new facilities in specified locations. All park and recreation facility improvements should be carefully analyzed in conjunction with a specific management plan for each park or recreation site. The listing is not intended to suggest priorities.

A. Active Recreation-Oriented Facilities

- Adult softball field
(Possible locations: Lions Memorial Park; River Park Recreation Area)
- Little League Baseball Field
(Possible locations: Lions Memorial Park; Vinton School)
- Artificial Turf Multi-Use Field
(Possible location: E.O. Smith High School)
- Sand Volleyball Courts
(Possible locations: Southeast Park; Community Center)
- Outdoor Pool/Sprayground/Aquatic Facility
(Possible location: Community Center)
- Skateboard/Rollerblade Park
(Possible location: Community Center)
- Walkway/Jogging Path
(Possible location: Southeast Park)
- Children's Playground
(Possible location: Lions Memorial Park)
- Outdoor Ice-Skating Area
- Canoe Launch Area: (River Park)

B. Passive Recreation-Oriented Facilities

- Fully-accessible Trail Improvements
(Possible locations: Bicentennial Pond/Schoolhouse Brook Park, River Park) *
- Picnic Pavilion
(Possible location: Southeast Park)
- Nature Center
(Possible location: Bicentennial Pond/Schoolhouse Brook Park)
- Outdoor Band Shell
(Possible location: Bicentennial Pond/Schoolhouse Brook Park)
- Camping Areas
(Possible locations: Lions Memorial Park; Schoolhouse Brook Park)

C. Other

- Dog Park
(Possible locations: Landfill/recycling center site; Lions Memorial Park)
- Restroom/Concession/Storage Facility
(Possible location: Southeast Park)
- Irrigation System
(Possible location: Southeast Park)

Goal #5 – Utilize trails as educational media

1) Develop interpretive guides and other materials for use on trails.

Trails can provide users with more than just exercise. There are many opportunities for educating the public about environmental protection, natural resources, culture and history, while they are taking advantage of recreational trails. Several communities have linked these pathways to schools to allow children to take advantage of the educational possibilities. *

The DEP will continue to work with trail user groups and others to develop interpretive materials within the corridors, as “hard copy” booklets and brochures, and as web accessible information.

2) Utilize trails to educate the public about resource management practices.

Trails running through or adjacent to working forests, wildlife areas, wetlands, or even agricultural lands provide excellent opportunities to inform the public about resource protection and management. The DEP should work with other interested parties to develop interpretive materials for this purpose.

3) Encourage stakeholder groups to work together to develop trail “stories”

Many trails have more than one constituency (historians, naturalists, tourism, etc) interested in educational and interpretive opportunities. These groups should work together to develop cohesive narratives about their trails that weave together information on a variety of topics.

constituency needs to develop a unified voice to bring concerns to the General Assembly, state and federal agencies, and the media.

The DEP will continue to work with groups like the CT Forest and Parks Association, CT Bicycle Coalition, New England Mountain Biking Association, CT Horse Council, Appalachian Mountain Club, CT Greenways Council, and various groups representing the motorized users to ensure that all interests are represented in the planning and decision-making processes.

2) *Develop brochures, web sites, and other materials to inform and educate the general public about the opportunities for trail use in Connecticut.*

Making trail information readily accessible to the public will be a priority for the DEP. Budget and staff cuts have reduced the Department's ability to respond to phone and mail inquiries regarding trails. In order to serve the largest number of potential customers in the most efficient manner, trail materials should be made available on line. *

Items that the public can already access include *Pathways through Connecticut*, a booklet produced by the DEP, ConnDOT, and the CT Department of Health, which lists over 60 multi-use trails around the state. It is available at the DEP store or on DOT's website. Maps of trails in state parks and forests are being made available on DEP's website as they are completed. The DEP is also working to link to other websites with trail information at the local, state, regional, and national levels.

Ultimately, DEP would like to develop digital maps of all projects funded through the Recreational Trails Program, which could be included in a comprehensive interactive trails database. The CT Department of Health has expressed interest in this as well, since it could give health care providers and their patients an easily accessible listing of places to exercise. This undertaking would be expensive and labor intensive, and a funding source would need to be identified in order to bring it to fruition.

3) *Continue to work with other local, state and federal agencies to reach a larger constituency.*

DEP will need to look beyond traditional trail advocates to expand the support base for these projects. In this time of restricted resources, creative partnerships need to be forged to get the most "bang for the buck" where trails are concerned. Health-related organizations, transportation planners, and economic interests are already proving to be allies in moving the trail agenda forward. In particular, trails that can add to healthy lifestyle activities can help prevent costly ailments such as diabetes and heart disease. *

Beyond the Department of Health, groups such as hospitals, HMO's, and health insurance companies should be contacted about publicizing trails around the state. There is a growing body of evidence that the traveling public is interested in

5) *Expand opportunities for "blueway" access along rivers and streams.*

More and more people are purchasing and enjoying small vessels such as canoes and kayaks, with which they can access the state's waterways. This is especially true along rivers and streams that have been successfully cleaned up after decades of pollution and neglect. The DEP, municipalities, and riparian organizations are all exploring options for expanding public access to these resources.

Recreational Trails grants have been used for boat launches along some of these blueways, and other DEP funding sources have been used to produce guides to water trails. The Parks Division will continue to work with Boating, Fisheries, and other units to coordinate efforts to provide increased water access, particularly in river corridors that have been designated Official State Greenways.

6) *Whenever feasible, provide parking and access for persons with disabilities.*

Although not every trail in the state will be accessible for people with disabilities, the DEP will make every attempt to identify areas where physically challenged individuals may have a positive recreational experience. Rail trails that offer relatively flat grades can be surfaced in materials that can accommodate wheelchairs. Parking adjacent to trails can be designated, and barriers such as bollards should be designed for chair access. DEP will evaluate the use of Universal Trail Assessment in design and maintenance. Recreational trail grants have been used by municipal and private entities to enhance opportunities for the disabled, and funding for these types of projects will continue to be an important part of the administration of the grants. *

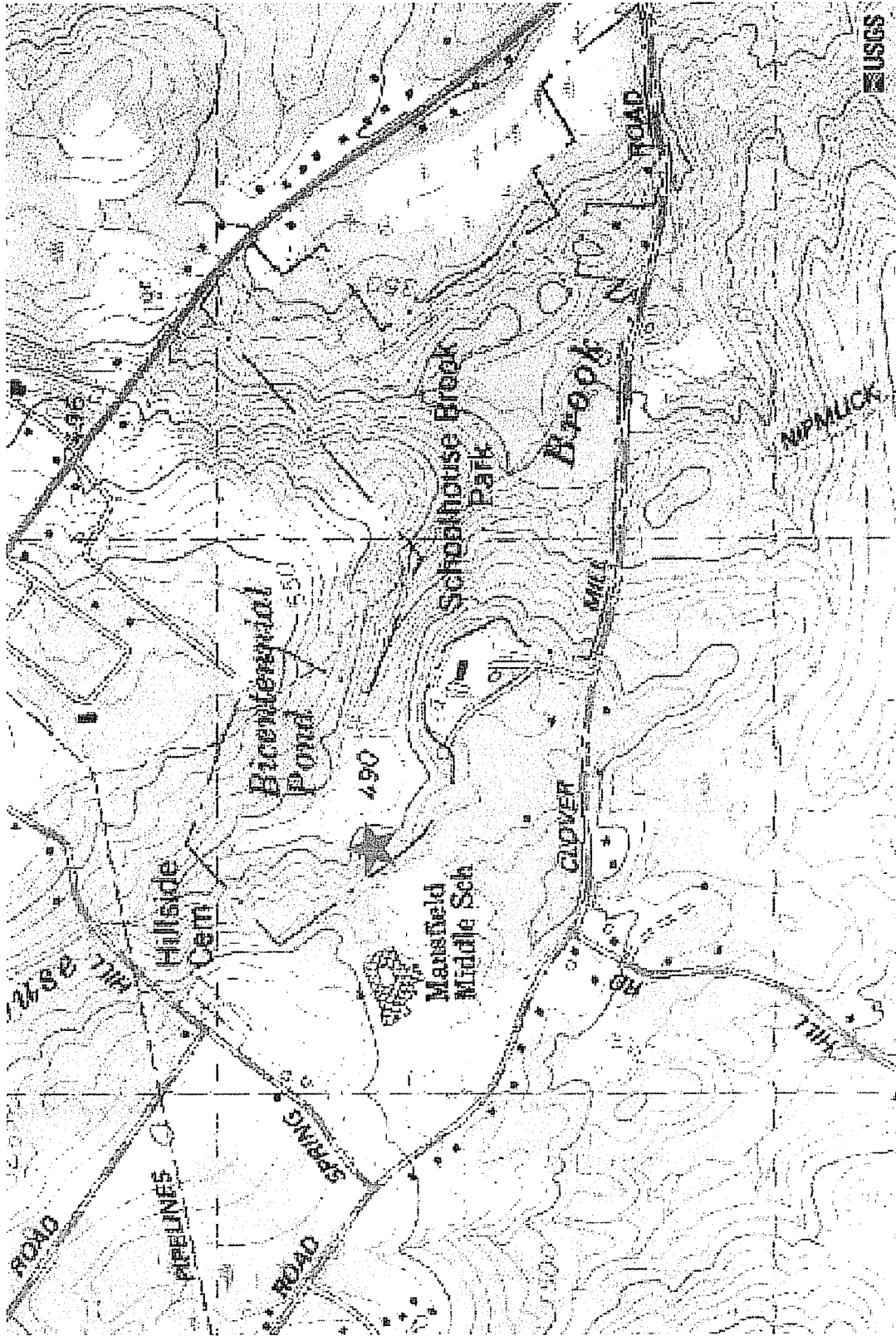
7) *Develop/enhance trails and greenways in urban areas.*

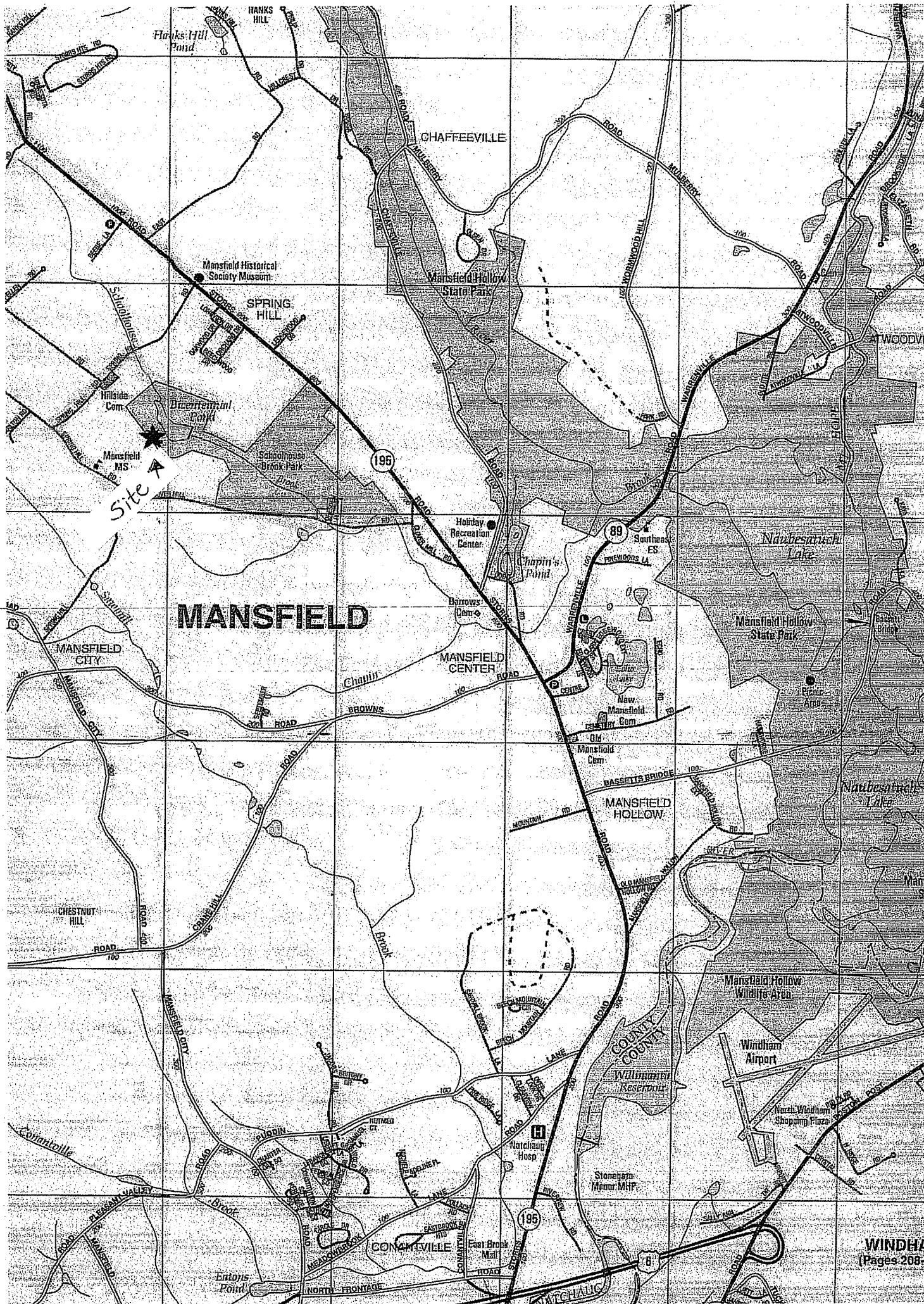
While much of the state's trail mileage is in rural/suburban areas, trails often run through and connect urban centers to each other and to the less developed countryside. Residents of densely-populated cities, particularly lower-income neighborhoods, may have fewer recreational opportunities than those of outlying communities. It is critical that trail planning take urban areas in account for a number of reasons. Besides recreation, trails and greenways can provide a free, safe, and attractive means of exercise for a population at risk for lifestyle-related diseases. Urban trails may be used for non-motorized transportation, helping to reduce traffic on clogged city streets and lessen pollution. In many places around the country, paths and green spaces have been an important part of economic development projects designed to bring visitors and dollars back into cities, and have brought a sense of pride and community to many neighborhoods. *

8) *Evaluate the need for trailside amenities and plan for their future development*

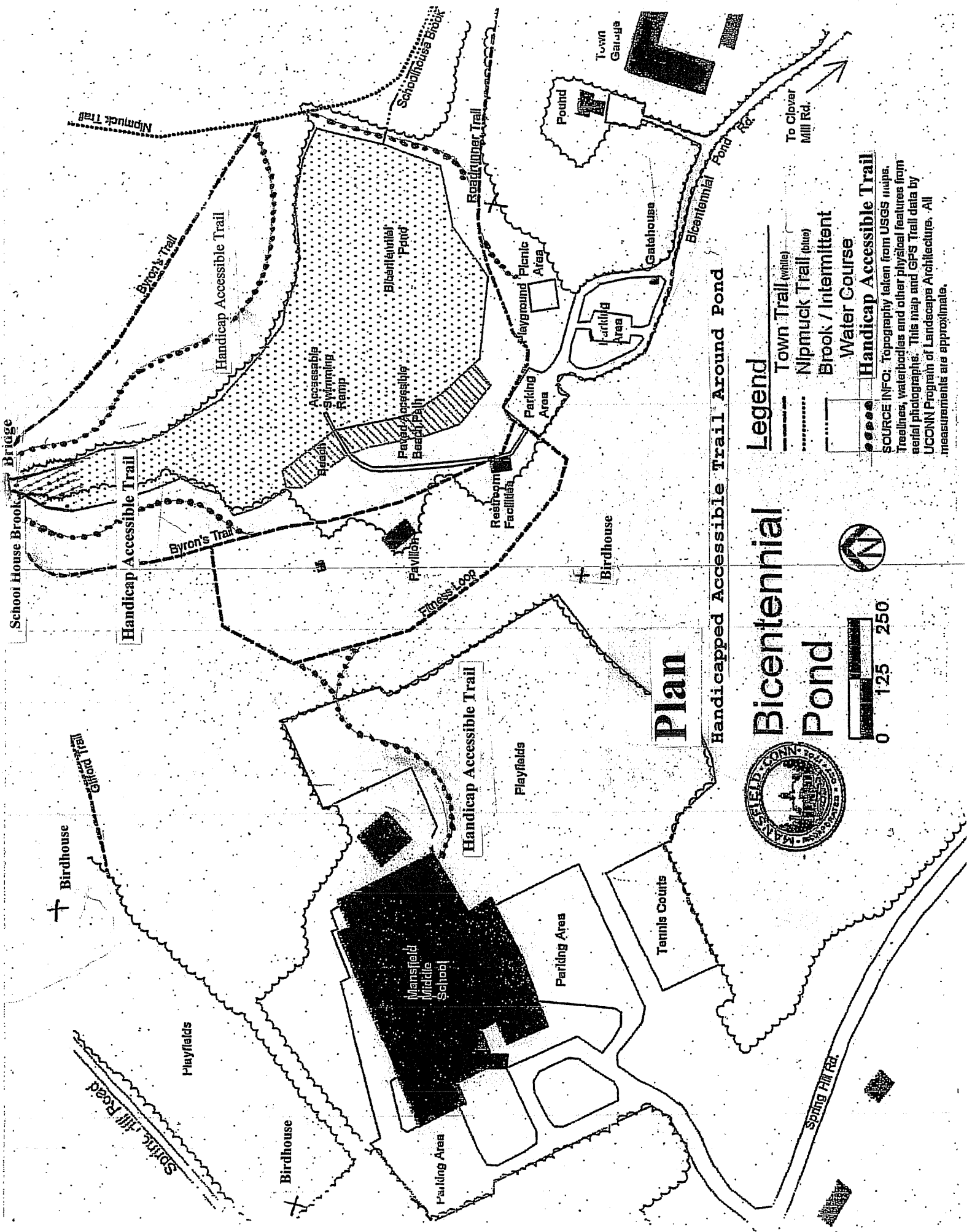
As trails (particularly multi-use rail trails) become used by larger number of people, trail-side amenities become more than luxuries. The very young, the elderly, and others seek access to convenient bathrooms, water, and places to rest.

Attachment C
Location Map and Detailed Site Plan





Attachment 3
Site Design Map



Plan

Handicapped Accessible Trail Around Pond



- ### Legend
- Town Trail (white)
 - Nipmuck Trail (blue)
 - Brook / Intermittent
 - Water Course
 - Handicap Accessible Trail



SOURCE INFO: Topography taken from USGS maps. Trail lines, watercourses and other physical features from aerial photographs. This map and GPS Trail data by UCONN Program of Landscape Architecture. All measurements are approximate.

trail guide

There are 8.54 miles of blazed hiking trails within the Town boundaries. The Town trails (blazed in white) and Nipmuck Trail (blazed in blue) wind through the following points of interest:

1. **Spring Wildflowers** - Come to this spot to witness the first flowers of spring. These ephemeral plants appear only after the temperature begins to rise and before the tree canopy leafs out, blocking the sunlight required for their growth.

2. **Wetland Habitat** - A footbridge allows easy passage across Schoolhouse Brook where it enters Bicentennial Pond. Take a moment to notice the plant and animal wildlife at both the brook's edge and the pond's edge. Can you notice a difference between the two?
3. **Bicentennial Pond** - This pond was created for the 1976 bicentennial. It is the site of community recreational activities, including summer bathing, picnicking and concerts.



Schoolhouse Brook Park

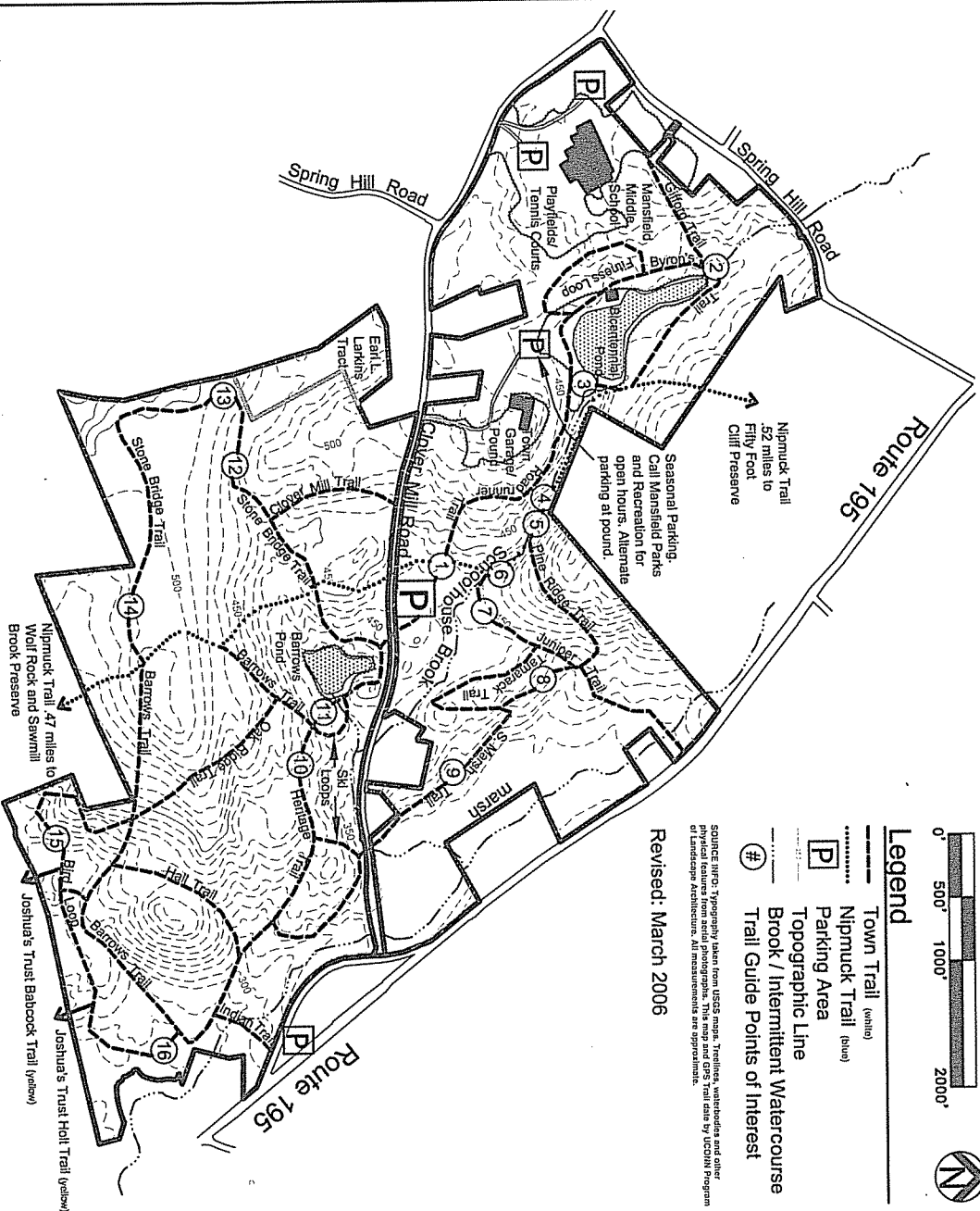


Legend

- Town Trail (white)
- Nipmuck Trail (blue)
- Parking Area
- Topographic Line
- Brook / Intermittent Watercourse
- Trail Guide Points of Interest

SOURCE INFO: Topography taken from USGS maps. Trailings, watercourses and other physical features from aerial photographs. The arrangement of landscape architecture at Mansfield is the responsibility of the Department.

Revised: March 2006



4. **Glacial Activity** - As the trail winds closer to the brook's edge, notice the rock debris lining the brook and the embankment. A glacier deposited these rocks and boulders 15,000 years ago.
5. **Old Stone Dam** - Notice the large stone ledge in the center of the brook. The remnants of stone walls to either side of this ledge are the remains of a dam that was constructed for the purpose of powering a sawmill. Years of water running over this ledge have carved mini canyons into its surface.
6. **Quartz Deposits** - Take a moment to notice the large chunks of quartz on the opposite bank of the brook. A glacier likely deposited these large minerals that shimmer in the summertime sun.
7. **Evergreen Forest** - As the trail winds along the bottom of the slope, note the large spruces, hemlocks and white pines. Deer have browsed on seedling trees.
8. **Stone Wall Junctures** - In Connecticut, stonewalls are commonplace, but it is often difficult to determine their original purpose. The remains of barbed wire along these walls are a clue that they may have been constructed for the enclosure of a livestock pasture.
9. **Marsh and Plantation** - The open area down slope is a marsh with cattails and invasive giant reed (phragmites) growing in open water. Muskrats and many birds depend on this marsh for food and shelter. Note the plantation of spruces planted in a grid pattern growing on the opposite side of the trail.
10. **Hardwood Forest** - Here the dominant tree species are hardwoods. Well-drained soil allows these beeches, oaks and maples to thrive.
11. **Pond View West** - As the trail winds around Barrows Pond take a moment to notice the beauty of the pond and the plants, waterfowl and aquatic wildlife that inhabit it. Note the stone dam, which was part of a former mill operation.
12. **Stone Bridge** - The trail crosses a seasonal brook on a stone pathway across it that was built to serve as a bridge during high water.
13. **Old Stone Walls** - This stonewall was for a property boundary, rather than a pasture enclosure.
14. **Stone Ledge** - As the trail winds downhill, note the massive stone ledge extending hundreds of feet almost parallel to the north side of the trail. Like the glacial deposits mentioned earlier, such bedrock outcrops appear frequently in Connecticut.
15. **Interior Forest Wildlife** - Stop to listen for bird songs in this area. Thrushes and warblers, which survive best in deep woods, are abundant here in spring and summer.
16. **Old Orchard Remains** - As small clearings in the woods become visible here, take note of the apple trees, which are remnants of a former orchard.

**Attachment D
Not Applicable**

**Attachment E
Not Applicable**

Attachment F
Evidence of Public Participation

TOWN OF MANSFIELD
OFFICE OF THE TOWN MANAGER



Matthew W. Hart, Town Manager

AUDREY P. BECK BUILDING
FOUR SOUTH EAGLEVILLE ROAD
MANSFIELD, CT 06268-2599
(860) 429-3336
Fax: (860) 429-6863

August 27, 2009

Laurie Gianotti
Recreational Trails & Greenways Program
Department of Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

Re: Recreational Trails Program Grant
Town of Mansfield, Eastern Highlands Health District, and Mansfield Middle School
Universal Access at the Schoolhouse Brook Park/Bicentennial Pond Recreation Area

Dear Grant Committee,

At its meeting of Monday, August 24, 2009, the Mansfield Town Council voted unanimously to support the submittal of the Recreational Trails Program Grant to design a Universal Access trail at Schoolhouse Brook Park/Bicentennial Pond Recreation Area. Town Council support of this document is shown by the attached certified resolution.

The Town's 2006 Plan of Conservation and Development lists fully accessible trail improvements as a priority (p. 107 attached). Further, Mansfield has recently been selected by the Center for Disease Control (CDC) as an ACHIEVE (Action Communities for Health, Innovation, and EnVironmental Change) community. Part of the ACHIEVE initiative includes enhancing opportunities for physical activity. Creating a universal access trail adjacent to the Mansfield Middle School in Mansfield's most utilized recreation area not only creates opportunities for physical activity but also improves educational access to this site. Mansfield's Board of Education, as demonstrated by their willingness to partner with the Town on this project, shows strong support for educational benefits for this project.

The Town of Mansfield has been fortunate to have a citizenry that supports parks, education, and healthy choices. I am attaching a copy of Mansfield's Capital Improvement budget demonstrating that Mansfield's in kind financial support for this project can be met. As demonstrated by our financial support for the River Park Blueway Greenway project, funded previously by the Recreational Trails Program, Mansfield has a history of generating financial support for trails and accessible projects.

Thank you for the opportunity to submit this grant application. Should you have questions or need further information, I would be happy to provide it.

Sincerely,

A handwritten signature in black ink, appearing to read "Matthew W. Hart". The signature is written in a cursive style with a large initial "M".

Matthew W. Hart
Town Manager

CC: Town Council
Curt Vincente, Director of Parks and Recreation
Jennifer Kaufman, Parks Coordinator



I, Mary Stanton, Town Clerk for the Town of Mansfield and secretary to the Mansfield Town Council, hereby certify that the following resolution was unanimously adopted by said Council at their regular meeting held on August 24, 2009:

To resolve to seek funds not to exceed \$29,500 from the Connecticut Department of Environmental Protection's Recreational Trails Program to improve wheelchair accessibility, trail linkage, educational, and physical activity opportunities at the Schoolhouse Brook Park/Bicentennial Pond Recreation Area.

NOW THEREFORE: I, Mary Stanton have certified and placed the town seal on this resolution on August 26, 2009.

Mary Stanton
Town Clerk

Town Seal

Memo

To: Recreational Trails Program Grant Review Committee
From: Mansfield Conservation Commission
CC: Jennifer Kaufman, Parks Coordinator
Date: August 27, 2009
Re: Recreational Trails Grant Program Grant-Universal Access Trail Bicentennial Park
Recreation Area

At its meeting of August 19, 2009, the Mansfield Conservation Commission voted to support the following statement for inclusion in the grant application:

Mansfield's Bicentennial Pond Recreation Area is widely utilized by area residents; however, it is not friendly to those with limited mobility. The proposed trail improvements will afford access to natural areas around the pond that are currently inaccessible to wheelchair-bound individuals. This multipurpose trail will also provide connections for hikers, joggers and others to existing trails in the neighboring Schoolhouse Brook Park. We also note the benefits of the plan to the neighboring Mansfield Middle School and its student program.

Memo

To: Recreational Trails Program Grant Review Committee
From: Susan Harrington, Chair, Parks Advisory Committee
CC: Jennifer Kaufman, Parks Coordinator
Date: August 27, 2009
Re: Recreational Trails Grant Program Grant-Universal Access Trail Bicentennial Park
Recreation Area

As the chair of the Parks Advisory Committee, I appreciate the opportunity to give my support a grant application to design a universal access trail around Bicentennial Pond. For years, the Parks Advisory Committee has advocated this improvement to Mansfield's most often used park. Not only will this trail improve access to an important natural area, this trail will add needed physical activity opportunities and will improve educational uses by students the Mansfield Middle School and other community members.

Memo

To: Recreational Trails Program Grant Review Committee
From: Open Space Preservation Committee
CC: Jennifer Kaufman, Parks Coordinator
Date: August 27, 2009
Re: Recreational Trails Grant Program Grant-Universal Access Trail Bicentennial Park
Recreation Area

At its meeting of August 18, 2009, the Open Space Preservation Committee (OSPC) enthusiastically agreed to support the proposal for a universal access trail around Bicentennial Pond. The OSPC has long had the desire to make as much of the town Open Space accessible as feasible. This project would be a step in achieving this goal.

The Bicentennial Pond / Middle school area is used by many people. Not only to people come to the park , many walk the middle school track when school is not in session. An easy to walk trail would provide an enjoyable alternate. Many middle school classes use varied habitats around the pond. Adding accessibility would enable all of the students to increase the understanding of the natural world.

Attachment G
Letters of Support



THE PUBLIC SCHOOLS OF MANSFIELD, CONNECTICUT

FREDERICK A. BARUZZI, SUPERINTENDENT

AUDREY P. BECK BUILDING
FOUR SOUTH EAGLEVILLE ROAD
MANSFIELD, CT 06268
(860) 429-3350
Fax: (860) 429-3379

August 27, 2009

Laurie Gianotti
Recreational Trails & Greenways Program
Department of Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

Re: *Recreational Trails Program Grant
Town of Mansfield, Eastern Highlands Health District, and Mansfield Middle School Universal
Access at the Schoolhouse Brook Park/Bicentennial Pond Recreation Area*

Dear Grant Committee,

The Mansfield Public Schools greatly value the opportunity to partner with the Town of Mansfield and Eastern Highlands Health District to design a universal access trail at the Bicentennial Pond Recreation area.

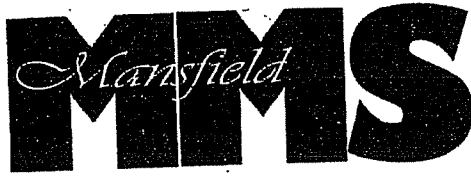
Because the Bicentennial Pond Recreation Area and Schoolhouse Brook Park are located immediately adjacent to the Mansfield Middle School (MMS), they are used extensively as an outdoor classroom by our Physical Education and Science Departments. Currently, there is no way for someone in a wheelchair to travel from the MMS campus deeper into the park. Universal access to this resource will only improve the educational opportunities available to all MMS students and faculty and the greater Mansfield community.

The District and the faculty of MMS look forward to collaborating with the Town of Mansfield's Parks and Recreation staff to develop methods to improve educational and physical activity opportunities at the Bicentennial Pond Recreation area.

Thank you for the opportunity to submit this proposal. Should you have questions or would like to discuss the District's involvement in this project further, please contact me.

Sincerely,

Frederick A. Baruzzi



Mansfield Middle School

205 SPRING HILL ROAD | STORRS, CT 06268

WEBSITE: WWW.MMSNET.ORG
EMAIL: MMSOFFICE@MANSFIELDCT.ORG

PHONE: 860.429.9341
FAX: 860.429.1020

JEFFREY L. CRYAN, PRINCIPAL

CANDACE V. MORELL, ASSISTANT PRINCIPAL

August 27, 2009

To Whom It May Concern:

I write to support the project proposal of the Town of Mansfield's Department of Parks and Recreation entitled Improving Universal Access, Trail Linkages, Educational, and Physical Activity Opportunities at the Bicentennial Pond / Schoolhouse Brook Park Recreation Area.

Mansfield Middle School is located on property adjacent to Bicentennial Pond / Schoolhouse Brook Park. We are the town's sole middle school serving 560 students in Grades 5-8. There is a long history of collaboration between the school and the Department of Parks and Recreation, and this project would allow further opportunities for collaboration, for all of our students and their families.

Staff members at Mansfield Middle School avail themselves of the resources available at the pond and park area for several sorts of school activities. Academic uses include sixth grade pond studies, a seventh grade archaeological dig, and a predator-prey simulation activity for over 150 students. Recreational activities have included grade-wide picnics for students and their families, as well as after-school events for groups of international exchange students and their student-hosts from Mansfield Middle School. Physical Education classes use the Blue Trail for hiking classes as part of our regular physical education program for students in Grades 5-8. Our After-School Activities Program has used the park and pond for several multi-week activities, including Mountain Biking and Walk & Talk and Roots & Shoots clubs. Both of the latter clubs could accommodate students in wheelchairs if the park area were to be made wheelchair accessible.

Our school currently includes several students whose mobility is limited. Increased accessibility to the park and pond areas would allow them full participation in the range of activities described above. The improvements described in the project proposal will allow for expansion of the programs described above, and they have the potential to generate further programs as part of our regular academic program and our after-school program.

If you need further information about our enthusiasm for this project, please contact me (cryanj@mansfieldct.org or 429-9341 x161).

Sincerely,

[Handwritten signature of Jeffrey L. Cryan]

Jeffrey L. Cryan, Principal

CONNECTICUT
**Forest
& Park**
ASSOCIATION

Conserving Connecticut since 1895

16 Meriden Road
Rockfall
Connecticut 06481-2961
T 860 346-2372
F 860 347-7463
email: info@ctwoodlands.org
web site: www.ctwoodlands.org

August 19, 2009

Jennifer S. Kaufman, Parks Coordinator
Town of Mansfield
10 S. Eagleville Rd
Mansfield, CT 06268

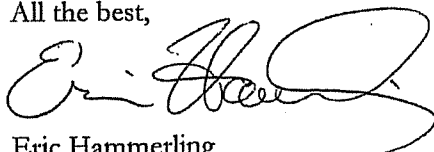
Dear Ms. Kaufman,

The Connecticut Forest & Park Association (CFPA) is pleased to submit this letter in support of the proposed universal access trail project at the Schoolhouse Brook Park/Bicentennial Pond Recreation Area. As you know, CFPA has a mission of protecting forests, parks, walking trails and open spaces for future generations by connecting people to the land. One of the primary ways we do this is through maintaining the 825-mile long Blue-Blazed Hiking Trail System which celebrates its 80th anniversary this year.

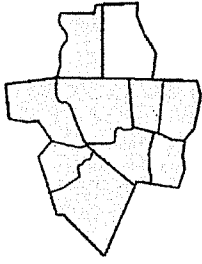
Although CFPA volunteers primarily focus their energies on maintaining Blue-Blazed Hiking Trails, we generally support efforts to improve both the accessibility of trails for all and encourage involvement with local school programs. That being said, if you are successful in receiving a grant from the Recreational Trails Program (and we hope you will be), we will look forward to working with you on the connection to the Nipmuck Trail.

We have enjoyed working with you on other land conservation efforts in Mansfield, and we wish you the best of luck with your application to the CT Department of Environmental Protection State Parks Division's Recreational Trails Program!

All the best,



Eric Hammerling
Executive Director



WINDHAM REGION COUNCIL OF GOVERNMENTS

Chaplin Columbia Coventry Hampton Lebanon Mansfield Scotland Willington Windham

August 21, 2009

Laurie Gianotti
Recreational Trails & Greenways Program
Department of Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

Re: ***Recreational Trails Program Grant
Town of Mansfield, Eastern Highlands Health District, and Mansfield Middle School
Universal Access at the Schoolhouse Brook Park/Bicentennial Pond Recreation Area***

Dear Grant Committee,

The Windham Region Council of Governments supports the proposal to create a universally accessible pond trail and other accessible design improvements at the Schoolhouse Brook Park/Bicentennial Pond Recreation Area. The Town of Mansfield proposes this project in partnership with the Eastern Highlands Health District and Mansfield Middle School.

This project is especially important because it will increase accessibility of a regionally-significant recreational resource. The Town of Mansfield is well-known as having the most extensive municipal trail system in the area. This system attracts recreational users from many surrounding towns, including those with mobility challenges.

There is an existing accessible swimming ramp at Bicentennial Pond. By adding a handicapped accessible trail around the pond and up to the school, the Town of Mansfield and its partners will expand the recreational opportunities of mobility-challenged individuals throughout the Windham Planning Region.

The Windham Region Council of Governments supports this project.

Sincerely,

Jana Butts, AICP
Senior Planner



4 South Eagleville Road • Mansfield CT 06268 • Tel: (860) 429-3325 • Fax: (860) 429-3321

August 20, 2009

Dear Grant Review Committee:

The Eastern Highlands Health District is the local public health authority in Mansfield, Connecticut and nine surrounding towns. As a regional organization, we have various opportunities to coordinate and collaborate on initiatives that will prevent illness and promote wellness in our member towns. A current initiative through the health district is to support efforts to implement policy and environmental changes that will improve access to and opportunities for physical activity for all residents, improve access to nutritious foods, and decrease tobacco use.

To this end, the Eastern Highlands Health District fully supports the Town of Mansfield's application for funding to **Improving Universal Access, Trail Linkages, Educational, and Physical Activity Opportunities at the Bicentennial Pond/Schoolhouse Brook Park Recreation Area**. The proposed design improvements for universal access at the Schoolhouse Brook Park/ Bicentennial Pond Recreation Area, consisting of an accessible pond loop trail that connects to the existing beach path and swimming ramp following the pond edge and joining the existing Byron's Trail is the type of environmental change we seek to support. Several aspects of this project align with the health district's efforts to improve access to physical activity including:

- Affording access to natural areas around the pond that are currently inaccessible to those in wheelchairs, thus increasing accessibility to those with limited mobility and their families/friends;
- Improving access for adjacent school students for educational and physical education activities; and
- Increasing access to physical activity opportunities for residents in the region.

Our health education efforts will promote this enhanced trail throughout the health district through various venues including worksite wellness programs, schools, and senior centers.

Thank you for this opportunity to improve the quality of life in our rural corner of the state.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Miller", written over a white background.

Robert L. Miller, MPH, R.S.
Director of Health

Attachment H
Project Tasks

Project Tasks and Anticipated Completion Timeline

Tasks	Person(s) Performing Work	Anticipated Completion Date
With an engineering/design firm, design a universal access trail, in compliance with Americans with Disabilities Act (ADA) standards along Bicentennial Pond and link to Mansfield Middle School (MMS) and the existing network of trails in Schoolhouse Brook Park	Engineering firm, Town of Mansfield Staff	Fall 2011
Based on the design, complete and file local and state permits	Engineering firm, Town of Mansfield Staff	Winter 2012
In collaboration with Mansfield Middle School staff and Eastern Highland Health District Health Promotion Staff, develop methods to improve educational and physical activity opportunities	Town of Mansfield Staff, Mansfield Board of Education Staff, Eastern Highland Health District Staff	Winter 2012
Provide project oversight	Town of Mansfield Staff	Duration of Project

Attachment I
Funding Documentation

**TOWN OF MANSFIELD
PROPOSED FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM
2010/14**

	Adopted 2008/09	Future Projects				
		2009/10	2010/11	2011/12	2012/13	2013/14
GENERAL GOVERNMENT						
Pool Car	22,000			22,000	22,000	
Upgrade Security Systems - Town			10,000	10,000	10,000	
Strategic Planning/Organization Develop.	30,000	30,000	30,000	30,000		
Council Media Project				25,000		
Relocation Costs - Partnership			25,000	25,000	25,000	
Prof & Tech Services - Storrs Center Proj.	50,000	50,000	50,000	50,000		
Financial Software		50,000	50,000			
Total Gen. Govt.	102,000	130,000	165,000	162,000	57,000	-
PUBLIC SAFETY						
Police Cruiser	31,000					
Fire and Emergency Services:						
Replacement Boat		40,000				
ET 207 Rescue Pumper Standardization				20,000		
Fire Station Facilities Improv & Siting Survey			30,000			
Forestry 307 - Chassis Changeover				10,000		
Fire Hose				105,000	105,000	
Replacement of Rescue 507			25,000	25,000		
Replacement of Service 307						390,000
Replacement of ET 507	65,000					
Replacement of Hurst Tool Power Units		18,000		40,000	40,000	
Station #307 Basement Renovation						380,000
Replacement of Rescue 407 (Suburban)	50,000					10,000
Replacement of ET 107				10,000	10,000	
Fire Ponds - 82902	5,000	5,000	5,000	10,000	10,000	
Total Public Safety	151,000	63,000	85,000	235,000	155,000	780,000
COMMUNITY SERVICES					80,000	
Exterior - Outdoor Sprayground			15,000			
Exterior - Child Care Playscape				12,000		
Exterior - Additional Landscaping					6,000	
Exterior - Sun Shade Canopy				15,000		
Exterior - Skate Park Equipment			40,000			
Exterior - Rainwater Harvesting Proj.						
Fitness Equipment	25,000					12,000
Fitness - Additional Elliptical Machine						5,000
Fitness - Additional Step Mill						18,000
Fitness - Additional Treadmills		18,000	10,000	10,000		
Fitness - Replacement Treadmills		14,000	5,000	10,000		
Fitness - Replacement Ellipticals			15,000			
Fitness - Replacement Spin Bikes				12,000		
Gym - Repl/Addl. Mats & Equip.			20,000			
Locker Rms. - Ventilation Improve.			5,000			
Locker Rms. - partition walls			20,000			
Locker Rms. - FC Rm. HC upgrade			10,000	10,000	10,000	10,000
Other - Equipment Reserve Fund			6,000			
Other - Life Safety PA Syst. Improve.				30,000		
Other - Spec. Bleachers - Gym/Pool			15,000			
Other - Replace Carpet with Tile			15,000			
Other - Video Security System						
Other - Washer & Dryer Retro.			25,000			
Other - Ventilation Reheating Proj.			4,200			
Pool - Replacement HC Lift					4,500	
Pool - Inflatable Water Slide				5,000	10,000	5,000
Pool - Pump Replacement					25,000	
Pool - Sound Absorption Panels				80,000		
Pool - Ultra Violet Sanitation System			30,000			
Sitting Room - Climbing Wall						
Park Equipment Repair & Replacements	20,000		20,000	20,000	20,000	20,000
Park Improvements						
River Park Recreation Area (PZC required)	10,000			100,000	100,000	100,000
Open Space Acquisition & Management						

Attachment J
Maintenance Plan

Appendix J

Maintenance Plan

The Mansfield Public Works Department will maintain the trail. Currently, the Public Works Department maintains both the Mansfield Middle School Property and the facilities at the Bicentennial Pond Recreation area. The maintenance of this Universal Access Trail will be incorporated into this established maintenance regime. In addition, the proposed trail is adjacent to the Public Works garage adding to the ease of maintenance.

**Attachment K
Cost Estimate**

Name of Grantee	
Item/Task	Cost
With an engineering/design firm, design a universal access trail, in compliance with Americans with Disabilities Act (ADA) standards along Bicentennial Pond and link to Mansfield Middle School (MMS) and the existing network of trails in Schoolhouse Brook Park	25,000.00
Based on the design, complete and file local and state permits	2,000.00
In collaboration with Mansfield Middle School staff and Eastern Highland Health District Health Promotion Staff, develop methods to improve educational and physical activity opportunities	1,000.00
Provide project oversight	1,500.00
Total Project Cost	29,500.00
Match of Total Project Costs	5,900.00
Grant Amount	23,600.00

**Attachment L
Not Applicable**

Attachment M
Educational Project Supplemental Application
DEP-Trails-App-001a

Attachment M: Educational Project Supplemental Application

Print or type unless otherwise noted. This supplemental application must be completed and submitted with a completed *Recreational Trails Program Application* (DEP-TRAILS-APP-001) for those proposing an educational project.

Supplemental Project Information

Applicant Name: **Town of Mansfield**

1. **Need for Proposed Education:** Why are you proposing this educational project and how did you determine the need for this educational program.

Because the Bicentennial Pond Recreation Area and Schoolhouse Brook Park are located immediately adjacent to the Mansfield Middle School (MMS), they are used extensively as an outdoor classroom by our Physical Education and Science Departments. Currently, there is no way for someone in a wheelchair to travel from the MMS campus deeper into the park. Universal access to this resource will only improve the educational opportunities available to all MMS students and faculty and the greater Mansfield community.

2. **Target Audience:** Describe your students. Will you reach a local, regional, statewide or national audience?

The target audience includes MMS students, citizens from Mansfield and surrounding Towns. The site is centrally located in Mansfield and close to state Rtes 6, 89, 195, 32 and 44. Because this trail connects to the CT Blue Blazed Trail, there is potential to reach a local and statewide audience.

Check here if additional sheets are necessary, and label and attach them to this sheet.

Supplemental Project Information (continued)

3. **Educational Method:** How will you educate your audience? Will you produce printed material, signage, website, lectures or workshops? Give details about how you propose to deliver your information and tell us why it is the preferred method.

An interpretive, online trail guide will be developed at the completion of the project. Mansfield Parks and Recreation will collaborate with the Mansfield Board of Education and Eastern Highlands Health District to develop signage to encourage educational and physical activity opportunities. Other educational programs will be developed as appropriate.

4. **Partnerships:** Describe any participation or sponsorship with other groups and/or the public to develop, deliver and maintain your educational program.

Mansfield's Board of Education and the Eastern Highlands Health District have will partner on this project. The CT Forests and Parks Association will provide input to the trail desing.

5. **Demonstration of Results:** How will you know if your educational message has been delivered and received by the audience?

Use by MMS students will be tracked. Feedback from the Board of Education and Eastern Highlands will be sought to improve the usage opportunities for this trail.

Check here if additional sheets are necessary, and label and attach them to this sheet.