

Commonwealth of Massachusetts
Executive Office of Energy and Environmental Affairs
Massachusetts Environmental Policy Act (MEPA) Office

Environmental Notification Form

<i>For Office Use Only</i>
EEA#: _____
MEPA Analyst: _____

The information requested on this form must be completed in order to submit a document electronically for review under the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Assabet River Rail Trail		
Municipality: Acton and Maynard	Watershed: SuAsCo	
Universal Transverse Mercator Coordinates: 298203 4702070	Latitude: 42°26'40.92"N Longitude: 71°27'13.42"W	
Estimated commencement date: October 2013	Estimated completion date: October 2015	
Project Type: Rail to Trail multiuse path	Status of project design: 25 %complete	
Proponent: Massachusetts Department of Transportation		
Street Address: 10 Park Plaza, Room 4260		
Municipality: Boston	State: MA	Zip Code: 02116
Name of Contact Person: Michael Papadopoulos		
Firm/Agency: MassDOT	Street Address: 10 Park Plaza	
Municipality: Boston	State: MA	Zip Code: 02116
Phone: 617-973-7356	Fax: 617-973-8879	E-mail: Michael.Papadopoulos@state.ma.us

<p>Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If this is an Expanded Environmental Notification Form (ENF) (see 301 CMR 11.05(7)) or a Notice of Project Change (NPC), are you requesting:</p> <p>a Single EIR? (see 301 CMR 11.06(8)) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No a Special Review Procedure? (see 301 CMR 11.09) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No a Waiver of mandatory EIR? (see 301 CMR 11.11) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No a Phase I Waiver? (see 301 CMR 11.11) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Note: Greenhouse Gas Emissions analysis must be included in the Expanded ENF.)</i></p> <p>Which MEPA review threshold(s) does the project meet or exceed (see 301 CMR 11.03)? Transportation: 301 CMR 11.03(6)(b) 2b. Construction, widening or maintenance of a roadway or its right-of-way that will cut five or more living public shade trees of 14 or more inches in diameter at breast height</p> <p>Which State Agency Permits will the project require? Potential Superseding Order of Conditions – MassDEP (if NOI is appealed)</p>

Identify any financial assistance or land transfer from an Agency of the Commonwealth, including the Agency name and the amount of funding or land area in acres:
The project is included in the Boston MPO TIP for FFY 2012. The funding category is High Priority Projects (HPP – SAFETEA-LU), with a total amount of \$769,314 divided as follows: \$615,451 in Federal funds, and \$153,863 in State/Local funds.

Summary of Project Size & Environmental Impacts	Existing	Change	Total
LAND			
Total site acreage	8.59 acres		
New acres of land altered		1.06 acres	
Acres of impervious area	0.18 acres	4.77 acres	4.95 acres
Square feet of new bordering vegetated wetlands alteration		1,524 SF (man-made detention ponds) approx. 500 SF (boardwalk footings)	
Square feet of new other wetland alteration		4,266 SF (shadow impacts from boardwalk)	
Acres of new non-water dependent use of tidelands or waterways		NA	
STRUCTURES			
Gross square footage	NA	NA	NA
Number of housing units	NA	NA	NA
Maximum height (feet)	NA	NA	NA
TRANSPORTATION			
Vehicle trips per day	NA	NA	NA
Parking spaces	NA	12	12
WASTEWATER			
Water Use (Gallons per day)	NA	NA	NA
Water withdrawal (GPD)	NA	NA	NA
Wastewater generation/treatment (GPD)	NA	NA	NA
Length of water mains (miles)	NA	NA	NA
Length of sewer mains (miles)	NA	NA	NA
Has this project been filed with MEPA before? <input type="checkbox"/> Yes (EEA # _____) <input checked="" type="checkbox"/> No * A separate ENF was filed for the Marlborough/Hudson component of the overall Assabet River Rail Trail in 2002 (EEA #12850).			
Has any project on this site been filed with MEPA before? <input type="checkbox"/> Yes (EEA # _____) <input checked="" type="checkbox"/> No			

GENERAL PROJECT INFORMATION – all proponents must fill out this section

PROJECT DESCRIPTION:

Describe the existing conditions and land uses on the project site: **__The existing location is an abandoned railroad right-of-way that extends from the Stow/Maynard town line, through wooded sections before reaching downtown Maynard, then turning north through mostly wooded sections to the Maynard/Acton town line, then continuing north through Acton until crossing Mill Pond before reaching its terminus at the South Acton MBTA Commuter Rail station. Existing land use adjacent to the railroad ROW is varied, from rural residential to downtown commercial areas. The abandoned ROW itself is overgrown in places, with rails and ties removed in some areas and still in place in others.**

Describe the proposed project and its programmatic and physical elements:

The proposed trail will consist of a 12-foot paved surface, with two-foot wide grass or paved Shoulders (depending upon location). There will be nine locations where the trail crosses existing roadways and vehicle traffic – signage, pavement marking and treatments, and traffic control measures will be provided based upon conditions at each crossing.

In general, new storm drainage structures are not being proposed. Existing drainage patterns are being maintained and runoff from the trail is to be directed to existing grass swales. There are existing cross culverts at various locations along the project which will be cleaned and maintained.

The Assabet River Rail Trail is intended to be used by a variety of users. Bicyclists, roller bladers, joggers, and walkers have traditionally used rail trails. This area will also be attractive to wheelchairs and baby carriages, as it directly serves a populated area. This portion of the ARRT will be used by people enjoying the physical recreation, but also by residents accessing the Assabet River National Wildlife Refuge and Ice House Landing. Of equal importance is the ability to use this trail to commute to work. The ARRT provides a vital connection to the MBTA and also connects some of the major employers and employment locations in the region with residential areas – Clock Tower Place in Maynard with Monster.com and EDS, the State Police Crime Lab, Intel, and others. The timing of commuter use will generally not conflict with primary times for recreational use.

The Maynard portion of the ARRT begins at the Stow/Maynard town line and ends at the Maynard/Acton line. The southerly limit of the Maynard portion abuts the River and the northern limit is within a residential neighborhood. The central segments are through the downtown area.

The Trail starts at the Stow line, at Track Road and the west gate to the Assabet River National Wildlife Refuge (ARNWR), former Fort Devens Annex, now owned by the U.S. Fish and Wildlife Service. There is an 18-foot wide cleared gravel base, which has over the years been used as a private trucking road. There is a stream crossing of “Thanksgiving Pond,” and the structure appears to be in good condition. The existing concrete culvert at Thanksgiving Pond will need to be analyzed for emergency vehicle traffic and have railings designed.

There is a parking lot proposed to be constructed adjacent to the DPW facilities, which is located approximately in the middle from Track Road to Great Road, providing parking for approximately 5 cars.

The ARRT proceeds approximately 2,800 feet along the RR ROW where it connects to Winter Street. A former railroad bridge crossing of the stream is no longer in place, so the trail will utilize the northwesterly limit of the Winter Street ROW. The ARRT will proceed 500 feet along Winter Street to where it intersects Great Road (Route 117). The abutting section along Winter Street will need to have a railing and potentially some slope work.

The Trail then has a pedestrian crossing of Great Road (Route 117), and then connects to the RR ROW at Mill and Pine Streets. Great Road (Route 117) has moderate traffic volumes (10,000 ADT), with a crest hill located to the east of the proposed rail trail crossing. There is adequate site distance in both directions along Great Road. This trail crossing would be at grade, with appropriate signs, markings and advance warnings. Traffic and future non-vehicular volumes on Great Road (Route 117) were reviewed to determine if a pedestrian signal is warranted (see Traffic Analysis section below). The ARRT will then follow the RR ROW to Sudbury Street at Main Street (Route 62). The RR ROW widens to approximately 50 feet where it parallels High Street. Access and parking can be provided along High Street. This segment is approximately 1,500 feet in length.

The Trail then crosses Sudbury Street and proceeds along the northerly edge of the Clocktower Place parking lot. The RR ROW is privately owned and has been developed as parking for Clocktower Place, so the trail will follow Main Street as part of a wider sidewalk configuration. The ARRT then crosses Main Street (Route 62) at an modified pedestrian crosswalk at Railroad Street, to become a trail crossing. Railroad Street was reconstructed during the summer of 2000. A corridor was maintained for the ARRT to proceed along Railroad Street. The trail then will cross Florida Road, continue through the parking lot to Tobin Park.

The existing bridge at Tobin Park will be replaced with a wider structure across the Assabet River.

The trail will then proceed through the Maynard Municipal Parking Lot first on the east side then on the west side to Summer Street at Maple Street.

The trail will follow the former RR ROW through Maynard to Acton, mostly in wooded areas.

In Acton the trail crosses in front of the Wedgewood Property, and then across a wetland by way of a boardwalk structure. The location, make-up and construction methods for the boardwalk were first presented to the Acton Conservation Commission on May 2, 2001, and have been reconsidered with the Town as the design was further developed. The proposed boardwalk over the wetlands will be approximately 200 feet long with a 14-foot wide deck. The deck will be approximately 5 feet above the wetland surface. The deck will be designed for pedestrian loads.

To minimize permanent and temporary impacts to the wetlands under the boardwalk, the use of helical screw anchors in lieu of timber piling will be considered. The use of these anchors may allow for lighter equipment for installation, therefore minimizing temporary wetland impacts from construction equipment.

The Pratts Brook culvert is a small granite block structure in Acton that will be reviewed and a railing system designed. There is a flood gauge at this point and the water levels in relation to the trail (and boardwalk) will have to be reviewed, as well.

The existing timber trestle crossing of Mill Pond in Acton is approximately 75 feet long. There are four timber bents in the water forming the substructure support system. Existing abutments are large granite block sections. It is proposed to span the entire crossing with a

new pre-fabricated structure. The existing timber bents will be left in place to avoid impacts to the river in trying to remove them. The new span will support H-10 maintenance/emergency vehicle design load, or pedestrian loading only with bollards on both sides to restrict vehicles from crossing the new span. The new deck will be approximately 15 feet wide.

After Mill Pond the Trail will meander through a newly acquired farm parcel to meet Maple Street across from the South Acton MBTA Commuter Rail Station at Maple Street.

Among the anticipated project benefits are the following:

Regional

The Assabet River Rail Trail (ARRT) is a project of regional significance. The rail trail will connect the communities of Marlborough, Hudson, Stow, Maynard and Acton. The ARRT will provide a direct connection to the South Acton commuter rail station for commuters traveling into Boston, relieving the roadways of additional vehicles. The ARRT will also provide regional access for these communities to the commercial and retail centers of each of these communities. The ARRT will also connect many areas of community interest such as athletic fields, schools and the Assabet River National Wildlife Refuge (ARNWR). The completion of the ARRT will encourage further recreational uses and provide an economic benefit to the communities.

Safety

The project will provide an off-road bicycle and pedestrian route through the Marlborough, Hudson, Stow, Maynard and Acton taking cyclists and pedestrian off of the local roads and reducing the interaction of these users with the motoring public. On-street bicycle accommodations do not presently exist. The paved shoulders on many of the roadways are too narrow to provide bicycle or pedestrian accommodations and sidewalks do not exist in many areas. Facility will provide for safe off-street commuting/travel route for bicyclists and users of other non-motorized modes of transportation.

Economic

The project connects the commercial and retail centers of Marlborough, Hudson, Stow, Maynard and Acton. The trail will bring recreational users to retail centers and encourage use of existing businesses in these communities. In addition studies have shown that the addition of a trail such as this increases the value of residential property along the path.

Mobility

The project will connect the towns of Marlborough, Hudson, Stow, Maynard and Acton to the South Acton commuter rail station providing a commuter path that can be accessed by all five towns and the region as a whole. The need for alternative transportation modes and corridors, especially in Boston urban and suburban areas has been well documented. When fully completed over its entire length, the ARRT will serve towns of Marlborough, Hudson, Stow, Maynard and Acton with a rail transit link at the ARRT's northern terminus in South Acton. By itself the Acton / Maynard segment of ARRT provides rail transit access for residents and workers in Maynard, Acton and surrounding communities. The project will also connect the commercial and retail centers of these communities encouraging alternative modes of travel between each of these Towns. The ARRT will also connect many schools, parks and recreational facilities within each community providing much needed links to these services.

Environmental

The project will provide an alternate commuter route for the communities of Marlborough, Hudson, Stow, Maynard and Acton, reducing the number of vehicles on the roadways. The reduced number of vehicles and reduced congestion will provide an environmental benefit by reducing emissions from these vehicles. The project will also connect the communities of Marlborough, Hudson, Stow, Maynard and Acton with the Assabet River National Wildlife Refuge encouraging an increased awareness of the wildlife habitat concerns in the local community.

Describe the on-site project alternatives (and alternative off-site locations, if applicable), considered by the proponent, including at least one feasible alternative that is allowed under current zoning, and the reasons(s) that they were not selected as the preferred alternative:

By definition, this rail-to-trail project is confined by alignment to a single alternative.

As a project, the ARRT provides a safer alternative to bicyclists and pedestrians than shared roadway use with motorized vehicles. Within the alignment, particularly at water body crossings, bridge and culvert crossing alternatives have been incorporated to re-use existing abutments or remain in the same footprint in order to avoid and minimize impacts to wetland and water resources.

NOTE: *The purpose of the alternatives analysis is to consider what effect changing the parameters and/or siting of a project, or components thereof, will have on the environment, keeping in mind that the objective of the MEPA review process is to avoid or minimize damage to the environment to the greatest extent feasible. Examples of alternative projects include alternative site locations, alternative site uses, and alternative site configurations.*

Summarize the mitigation measures proposed to offset the impacts of the preferred alternative: **There are minimal impacts associated with the ARRT Acton/Maynard segment. Any wetland impacts will be mitigated as directed in the Order of Conditions issued by the affected communities.**

If the project is proposed to be constructed in phases, please describe each phase: **The project will not be constructed in phases.**

AREAS OF CRITICAL ENVIRONMENTAL CONCERN:

Is the project within or adjacent to an Area of Critical Environmental Concern?

- Yes (Specify _____)
 No

if yes, does the ACEC have an approved Resource Management Plan? ___ Yes ___ No;
If yes, describe how the project complies with this plan.

Will there be stormwater runoff or discharge to the designated ACEC? ___ Yes ___ No;
If yes, describe and assess the potential impacts of such stormwater runoff/discharge to the designated ACEC.

RARE SPECIES:

Does the project site include Estimated and/or Priority Habitat of State-Listed Rare Species? (see http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/priority_habitat/priority_habitat_home.htm)

- Yes (Specify _____) No

HISTORICAL /ARCHAEOLOGICAL RESOURCES:

Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

- Yes (Specify) **South Acton Village Historic District (Local Historic District)** No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources? Yes (Specify _____) No

WATER RESOURCES:

Is there an Outstanding Resource Water (ORW) on or within a half-mile radius of the project site? ___ Yes No;
if yes, identify the ORW and its location. _____

Are there any impaired water bodies on or within a half-mile radius of the project site? Yes ___ No; if yes, identify the water body and pollutant(s) causing the impairment: **The Assabet River is classified as a Category 5 water body for nutrients, organics, pathogens and low dissolved oxygen. Fort Pond Brook is classified as a Category 2 water body.**

Is the project within a medium or high stress basin, as established by the Massachusetts Water Resources Commission? ___ Yes No

STORMWATER MANAGEMENT:

Generally describe the project's stormwater impacts and measures that the project will take to comply with the standards found in MassDEP's Stormwater Management Regulations:_____

Standard 1: No New Untreated Discharges

The project will make use of existing ditches and drainage systems. Stormwater will be directed to grass swales where possible and existing flow paths will be maintained. There are no new discharges proposed as part of the project.

Standard 2: Peak Rate Attenuation

There will be minor increases in peak flow rate associated with the change in cover type from the rail bed material to a paved surface. The increases are minor and will be attenuated through the use of grass swales where feasible.

Standard 3: Recharge

The project site will meet the recharge requirements to the extent practicable.

Standard 4: Water Quality

As a limited project the water quality standards are met to the extent practicable.

Standard 5: Land Uses with Higher Pollutant Loads

The proposed development does not have the potential for higher pollutant loads and therefore this standard does not apply.

Standard 6: Critical Areas

The project is not near any Critical Area and therefore this standard does not apply.

Standard 7: Redevelopment and Other Projects Subject to the Standards only to the extent practicable.

The proposed project is a bike path and/or foot path and is therefore classified as a limited project.

Standard 8: Construction Period Pollution Prevention and Erosion Control.

A SWWP will be submitted for approval by the contractor prior to the start of any work on the project site.

Standard 9: Operation and Maintenance Plan

The proposed site is owned and maintained by the Towns of Maynard and Acton. The Town will provide regular cleaning and maintenance of the trail.

Standard 10: Prohibition of Illicit Discharges

There are no known illicit discharge points within the project limits.

MASSACHUSETTS CONTINGENCY PLAN:

Has the project site been, or is it currently being, regulated under M.G.L.c.21E or the Massachusetts Contingency Plan? Yes No ; if yes, please describe the current status of the site (including Release Tracking Number (RTN), cleanup phase, and Response Action Outcome classification):_

The following sites are not within the immediate rail trail ROW or limits of work, but are in close proximity to the proposed rail trail alignment:

**Acton: RTN 2-0017998/ Stow and Maple Streets/Former MBTA parcel/
September 23,2010/RTN Closed/Hazardous Material**

**Acton: RTN 2-0018007/ 2 Stow Street/Undeveloped Agricultural Property/
September 23, 2010/Tier 2/Phase II/Hazardous Material**

**Maynard:RTN 2-0014820/ 170 Main Street/Jimmy's Garage/RAO/
February 2, 2011/Phase II / Oil**

Is there an Activity and Use Limitation (AUL) on any portion of the project site? Yes No ; if yes, describe which portion of the site and how the project will be consistent with the AUL: _____.

Are you aware of any Reportable Conditions at the property that have not yet been assigned an RTN? Yes No ; if yes, please describe:_____

SOLID AND HAZARDOUS WASTE:

If the project will generate solid waste during demolition or construction, describe alternatives considered for re-use, recycling, and disposal of, e.g., asphalt, brick, concrete, gypsum, metal, wood: **Any existing Rails or railroad ties will be recycled off-site or properly disposed.**

(NOTE: Asphalt pavement, brick, concrete and metal are banned from disposal at Massachusetts landfills and waste combustion facilities and wood is banned from disposal at Massachusetts landfills. See 310 CMR 19.017 for the complete list of banned materials.)

Will your project disturb asbestos containing materials? Yes ___ No ;

if yes, please consult state asbestos requirements at <http://mass.gov/MassDEP/air/asbhom01.htm>

Describe anti-idling and other measures to limit emissions from construction equipment: **_ The selected Contractor will be required to provide a construction management plan that identifies anti-idling restrictions, equipment retrofit and other measures to limit emissions from construction vehicles.**

DESIGNATED WILD AND SCENIC RIVER:

Is this project site located wholly or partially within a defined river corridor of a federally designated Wild and Scenic River or a state designated Scenic River? Yes ___ No ;

if yes, specify name of river and designation:

Note: Portions of the Sudbury, Assabet and Concord Rivers are designated as a Federal Wild and Scenic River by the National Park Service, but not within the ARRT project area. “Designated Reach: April 9, 1999. The 14.9-mile segment of the Sudbury River beginning at the Danforth Street Bridge in the town of Framingham, downstream to the Route 2 Bridge in Concord. The 1.7-mile segment of the Sudbury River from the Route 2 Bridge downstream to its confluence with the Assabet River at Egg Rock. The 4.4-mile segment of the Assabet River beginning 1,000 feet downstream from the Damon Mill Dam in the town of Concord, to its confluence with the Sudbury River at Egg Rock in Concord. The 8-mile segment of the Concord River from Egg Rock at the confluence of the Sudbury and Assabet Rivers downstream to the Route 3 Bridge in the town of Billerica. “

If yes, does the project have the potential to impact any of the “outstandingly remarkable” resources of a federally Wild and Scenic River or the stated purpose of a state designated Scenic River?

Yes ___ No ; if yes, specify name of river and designation: _____;

if yes, will the project will result in any impacts to any of the designated “outstandingly remarkable” resources of the Wild and Scenic River or the stated purposes of a Scenic River.

Yes ___ No ___ ;

if yes, describe the potential impacts to one or more of the “outstandingly remarkable” resources or stated purposes and mitigation measures proposed. **NA**

ATTACHMENTS:

1. List of all attachments to this document.
2. U.S.G.S. map (good quality color copy, 8-½ x 11 inches or larger, at a scale of 1:24,000) indicating the project location and boundaries.
3. Plan, at an appropriate scale, of existing conditions on the project site and its immediate environs, showing all known structures, roadways and parking lots, railroad rights-of-way, wetlands and water bodies, wooded areas, farmland, steep slopes, public open spaces, and major utilities.
4. Plan, at an appropriate scale, depicting environmental constraints on or adjacent to the project site such as Priority and/or Estimated Habitat of state-listed rare species, Areas of Critical Environmental Concern, Chapter 91 jurisdictional areas, Article 97 lands, wetland resource area delineations, water supply protection areas, and historic resources and/or districts.
5. Plan, at an appropriate scale, of proposed conditions upon completion of project (if construction of the project is proposed to be phased, there should be a site plan showing conditions upon the completion of each phase).
6. List of all agencies and persons to whom the proponent circulated the ENF, in accordance with 301 CMR 11.16(2).
7. List of municipal and federal permits and reviews required by the project, as applicable.

LAND SECTION – all proponents must fill out this section

I. Thresholds / Permits

A. Does the project meet or exceed any review thresholds related to **land** (see 301 CMR 11.03(1))
___ Yes ___ No; if yes, specify each threshold:

II. Impacts and Permits

A. Describe, in acres, the current and proposed character of the project site, as follows:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Footprint of buildings	<u>NA</u>	<u>NA</u>	<u>NA</u>
Internal roadways	<u>NA</u>	<u>NA</u>	<u>NA</u>
Parking and other paved areas	<u>0.18</u>	<u>4.77</u>	<u>4.95</u>
Other altered areas	<u>7.35</u>	<u>1.06</u>	<u>3.64</u>
Undeveloped areas	<u>NA</u>	<u>NA</u>	<u>NA</u>
Total: Project Site Acreage	<u>7.53</u>	<u>1.06</u>	<u>8.59</u>

B. Has any part of the project site been in active agricultural use in the last five years?
___ Yes No; if yes, how many acres of land in agricultural use (with prime state or locally important agricultural soils) will be converted to nonagricultural use?

C. Is any part of the project site currently or proposed to be in active forestry use?
___ Yes No; if yes, please describe current and proposed forestry activities and indicate whether any part of the site is the subject of a forest management plan approved by the Department of Conservation and Recreation:

D. Does any part of the project involve conversion of land held for natural resources purposes in accordance with Article 97 of the Amendments to the Constitution of the Commonwealth to any purpose not in accordance with Article 97? ___ Yes No; if yes, describe:

E. Is any part of the project site currently subject to a conservation restriction, preservation restriction, agricultural preservation restriction or watershed preservation restriction?
 Yes ___ No; if yes, does the project involve the release or modification of such restriction?
 Yes ___ No; if yes, describe:

The Acton portion of the ARRT travels through the town-owned Caouette property. The following components of the Caouette-Simone Conservation Restriction refer specifically to the ARRT, and allow for its use of the property.

11. Parking. A pervious or impervious public parking area shall be limited to the shaded area (between points W, X, Y, Z) as identified in Exhibit A - map; this parking area shall be designed to minimize impacts to scenic vistas; and only after Grantor consultation with Grantees and with the Grantees approval as provided in Section IV, whose approval shall not be unreasonably withheld;

12. Bikeway Trail. A pervious or impervious bikeway trail limited to the area identified in Exhibit A map and also in the area as close as reasonably possible to the northeastern and eastern property lines of the Premises; this trail shall be designed to minimize impacts to scenic vistas; and only after Grantor consultation with Grantees and with the Grantees approval as provided in Section IV, whose approval shall not be unreasonably withheld;

F. Does the project require approval of a new urban redevelopment project or a fundamental change

in an existing urban redevelopment project under M.G.L.c.121A? ___ Yes No; if yes, describe:

G. Does the project require approval of a new urban renewal plan or a major modification of an existing urban renewal plan under M.G.L.c.121B? Yes ___ No ; if yes, describe:

III. Consistency

A. Identify the current municipal comprehensive land use plan

Title: Acton Master Plan Update Date 1998

Maynard Master Plan 1992

B. Describe the project's consistency with that plan with regard to:

- 1) economic development _____
- 2) adequacy of infrastructure _____
- 3) open space impacts _____
- 4) compatibility with adjacent land uses _____

The Acton Master Plan Update of 1998 specifically identifies the ARRT in regard to function ("This trail, in addition to being a significant recreational asset, would improve bicycle access to the commuter rail station and ease parking shortages") and in action ("Provide funding and support for the ARRT"). A recently (underway 2008) initiated Acton Comprehensive Community Plan lists "Connections" as a Core Value/Guiding Principle and envisions these connections as including "...sidewalks, bike paths, trails and public transportation to connect people and places." It also identifies an Objective to "Improve Walking and Biking Experience."

The Town of Maynard has a recently developed list of Community Development Principles. Principle #1, "Concentrate Development and Integrate Uses," includes a suggested initiative to "Continue work on Assabet River Rail Trail as part of enhanced recreational opportunities." Principle #6, "Provide a Variety of Transportation Choices," includes a suggested initiative to "Complete the ARRT through Maynard." Principle #8, "Protect Land and Ecosystems," includes a suggested initiative to "Support completion of the Assabet River Rail Trail."

C. Identify the current Regional Policy Plan of the applicable Regional Planning Agency (RPA)

RPA: Metropolitan Area Planning Council

Title: MetroFuture Date 2008

D. Describe the project's consistency with that plan with regard to:

- 1) economic development _____
- 2) adequacy of infrastructure _____
- 3) open space impacts _____

The ARRT is consistent with the Regional Policy Plan by virtue of providing alternative transportation connections between communities, utilizing existing infrastructure (the abandoned railroad ROW), and encouraging multi-modal travel through its direct link to the MBTA South Acton Commuter Rail station.

The ARRT is also included in the Boston MPO TIP, and is specifically identified in the Statewide Massachusetts Bicycle Transportation Plan.

RARE SPECIES SECTION

I. Thresholds / Permits

- A. Will the project meet or exceed any review thresholds related to **rare species or habitat** (see 301 CMR 11.03(2))? ___ Yes No; if yes, specify, in quantitative terms:

(NOTE: If you are uncertain, it is recommended that you consult with the Natural Heritage and Endangered Species Program (NHESP) prior to submitting the ENF.)

- B. Does the project require any state permits related to **rare species or habitat**? ___ Yes No
- C. Does the project site fall within mapped rare species habitat (Priority or Estimated Habitat?) in the current Massachusetts Natural Heritage Atlas (attach relevant page)? ___ Yes No.
- D. If you answered "No" to all questions A, B and C, proceed to the **Wetlands, Waterways, and Tidelands Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Rare Species section below.

II. Impacts and Permits

- A. Does the project site fall within Priority or Estimated Habitat in the current Massachusetts Natural Heritage Atlas (attach relevant page)? ___ Yes ___ No. If yes,
1. Have you consulted with the Division of Fisheries and Wildlife Natural Heritage and Endangered Species Program (NHESP)? ___ Yes ___ No; if yes, have you received a determination as to whether the project will result in the "take" of a rare species? ___ Yes ___ No; if yes, attach the letter of determination to this submission.
 2. Will the project "take" an endangered, threatened, and/or species of special concern in accordance with M.G.L. c.131A (see also 321 CMR 10.04)? ___ Yes ___ No; if yes, provide a summary of proposed measures to minimize and mitigate rare species impacts
 3. Which rare species are known to occur within the Priority or Estimated Habitat?
 4. Has the site been surveyed for rare species in accordance with the Massachusetts Endangered Species Act? ___ Yes ___ No
 4. If your project is within Estimated Habitat, have you filed a Notice of Intent or received an Order of Conditions for this project? ___ Yes ___ No; if yes, did you send a copy of the Notice of Intent to the Natural Heritage and Endangered Species Program, in accordance with the Wetlands Protection Act regulations? ___ Yes ___ No
- B. Will the project "take" an endangered, threatened, and/or species of special concern in accordance with M.G.L. c.131A (see also 321 CMR 10.04)? ___ Yes ___ No; if yes, provide a summary of proposed measures to minimize and mitigate impacts to significant habitat:

WETLANDS, WATERWAYS, AND TIDELANDS SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to **wetlands, waterways, and tidelands** (see 301 CMR 11.03(3))? Yes No; if yes, specify, in quantitative terms:

B. Does the project require any state permits (or a local Order of Conditions) related to **wetlands, waterways, or tidelands**? Yes No; if yes, specify which permit: Local Order of Conditions from Acton, Maynard Conservation Commissions

C. If you answered "No" to both questions A and B, proceed to the **Water Supply Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Wetlands, Waterways, and Tidelands Section below.

II. Wetlands Impacts and Permits

A. Does the project require a new or amended Order of Conditions under the Wetlands Protection Act (M.G.L. c.131A)? Yes No; if yes, has a Notice of Intent been filed? Yes No; if yes, list the date and MassDEP file number: _____; if yes, has a local Order of Conditions been issued? Yes No; Was the Order of Conditions appealed? Yes No. Will the project require a Variance from the Wetlands regulations? Yes No.

B. Describe any proposed permanent or temporary impacts to wetland resource areas located on the project site: **The project will require permanent impacts of 1,524 SF to two man-made detention ponds now classified as BVW. In addition, direct impacts to an adjacent BVW of approximately 500 SF are anticipated from footings for the proposed boardwalk (footings still to be designed). Finally, there are indirect impacts to the same wetland as a result of shadows from the proposed boardwalk (total boardwalk SF is 4,266 SF).**

C. Estimate the extent and type of impact that the project will have on wetland resources, and indicate whether the impacts are temporary or permanent:

<u>Coastal Wetlands</u>	<u>Area (square feet) or Length (linear feet)</u>	<u>Temporary or Permanent Impact?</u>
Land Under the Ocean	_____ NA _____	_____ NA _____
Designated Port Areas	_____ NA _____	_____ NA _____
Coastal Beaches	_____ NA _____	_____ NA _____
Coastal Dunes	_____ NA _____	_____ NA _____
Barrier Beaches	_____ NA _____	_____ NA _____
Coastal Banks	_____ NA _____	_____ NA _____
Rocky Intertidal Shores	_____ NA _____	_____ NA _____
Salt Marshes	_____ NA _____	_____ NA _____
Land Under Salt Ponds	_____ NA _____	_____ NA _____
Land Containing Shellfish	_____ NA _____	_____ NA _____
Fish Runs	_____ NA _____	_____ NA _____
Land Subject to Coastal Storm Flowage	_____ NA _____	_____ NA _____

<u>Inland Wetlands</u>	<u>Area (square feet) or Length (linear feet)</u>	<u>Temporary or Permanent Impact?</u>
Bank (lf)	_____ NA _____	_____ NA _____
Bordering Vegetated Wetlands	_____ 2,054 SF _____	_____ permanent _____
Isolated Vegetated Wetlands	_____ NA _____	_____ NA _____
Land under Water	_____ NA _____	_____ NA _____
Isolated Land Subject to Flooding	_____ NA _____	_____ NA _____
Bordering Land Subject to Flooding	_____ NA _____	_____ NA _____
Riverfront Area	_____ 120,662 SF _____	_____ permanent _____

D. Is any part of the project:

1. proposed as a **limited project**? _ Yes No; if yes, what is the area (in sf)?
2. the construction or alteration of a **dam**? ___ Yes No; if yes, describe:
3. fill or structure in a **velocity zone** or **regulatory floodway**? ___ Yes No
4. dredging or disposal of dredged material? ___ Yes No; if yes, describe the volume of dredged material and the proposed disposal site:
5. a discharge to an **Outstanding Resource Water (ORW)** or an **Area of Critical Environmental Concern (ACEC)**? ___ Yes No
6. subject to a wetlands restriction order? ___ Yes No; if yes, identify the area (in sf):
7. located in buffer zones? Yes ___ No; if yes, how much (in sf) **172,319 SF**

E. Will the project:

1. be subject to a local wetlands ordinance or bylaw? Yes ___ No
2. alter any federally-protected wetlands not regulated under state law? ___ Yes No; if yes, what is the area (sf)?

III. Waterways and Tidelands Impacts and Permits

A. Does the project site contain waterways or tidelands (including filled former tidelands) that are subject to the Waterways Act, M.G.L.c.91? ___ Yes No; if yes, is there a current Chapter 91 License or Permit affecting the project site? ___ Yes ___ No; if yes, list the date and license or permit number and provide a copy of the historic map used to determine extent of filled tidelands:

B. Does the project require a new or modified license or permit under M.G.L.c.91? ___ Yes No; if yes, how many acres of the project site subject to M.G.L.c.91 will be for non-water-dependent use? Current ___ Change ___ Total ___

If yes, how many square feet of solid fill or pile-supported structures (in sf)?

C. For non-water-dependent use projects, indicate the following:

Area of filled tidelands on the site: _____

Area of filled tidelands covered by buildings: _____

For portions of site on filled tidelands, list ground floor uses and area of each use:

Does the project include new non-water-dependent uses located over flowed tidelands?

Yes ___ No

Height of building on filled tidelands _____

Also show the following on a site plan: Mean High Water, Mean Low Water, Water-dependent Use Zone, location of uses within buildings on tidelands, and interior and exterior areas and facilities dedicated for public use, and historic high and historic low water marks.

D. Is the project located on landlocked tidelands? ___ Yes No; if yes, describe the project's impact on the public's right to access, use and enjoy jurisdictional tidelands and describe measures the project will implement to avoid, minimize or mitigate any adverse impact:

E. Is the project located in an area where low groundwater levels have been identified by a municipality or by a state or federal agency as a threat to building foundations? ___ Yes No; if yes, describe the project's impact on groundwater levels and describe measures the project will implement to avoid, minimize or mitigate any adverse impact:

F. Is the project non-water-dependent **and** located on landlocked tidelands **or** waterways or

tidelands subject to the Waterways Act **and** subject to a mandatory EIR? ___ Yes No;
(NOTE: If yes, then the project will be subject to Public Benefit Review and Determination.)

G. Does the project include dredging? ___ Yes No; if yes, answer the following questions:

What type of dredging? Improvement ___ Maintenance ___ Both ___

What is the proposed dredge volume, in cubic yards (cys) _____

What is the proposed dredge footprint ___ length (ft) ___ width (ft) ___ depth (ft);

Will dredging impact the following resource areas?

Intertidal Yes ___ No ___; if yes, ___ sq ft

Outstanding Resource Waters Yes ___ No ___; if yes, ___ sq ft

Other resource area (i.e. shellfish beds, eel grass beds) Yes ___ No ___; if yes ___ sq ft

If yes to any of the above, have you evaluated appropriate and practicable steps to: 1) avoidance; 2) if avoidance is not possible, minimization; 3) if either avoidance or minimize is not possible, mitigation?

If no to any of the above, what information or documentation was used to support this determination?

Provide a comprehensive analysis of practicable alternatives for improvement dredging in accordance with 314 CMR 9.07(1)(b). Physical and chemical data of the sediment shall be included in the comprehensive analysis.

Sediment Characterization

Existing gradation analysis results? ___ Yes ___ No; if yes, provide results.

Existing chemical results for parameters listed in 314 CMR 9.07(2)(b)6? ___ Yes ___ No; if yes, provide results.

Do you have sufficient information to evaluate feasibility of the following management options for dredged sediment? If yes, check the appropriate option.

Beach Nourishment ___

Unconfined Ocean Disposal ___

Confined Disposal:

Confined Aquatic Disposal (CAD) ___

Confined Disposal Facility (CDF) ___

Landfill Reuse in accordance with COMM-97-001 ___

Shoreline Placement ___

Upland Material Reuse ___

In-State landfill disposal ___

Out-of-state landfill disposal ___

(NOTE: This information is required for a 401 Water Quality Certification.)

IV. Consistency:

A. Does the project have effects on the coastal resources or uses, and/or is the project located within the Coastal Zone? ___ Yes No; if yes, describe these effects and the projects consistency with the policies of the Office of Coastal Zone Management:

B. Is the project located within an area subject to a Municipal Harbor Plan? ___ Yes No; if yes, identify the Municipal Harbor Plan and describe the project's consistency with that plan:

WATER SUPPLY SECTION

I. Thresholds / Permits

- A. Will the project meet or exceed any review thresholds related to **water supply** (see 301 CMR 11.03(4))? ___ Yes No; if yes, specify, in quantitative terms:
- B. Does the project require any state permits related to **water supply**? ___ Yes No; if yes, specify which permit:
- C. If you answered "No" to both questions A and B, proceed to the **Wastewater Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Water Supply Section below.

II. Impacts and Permits

A. Describe, in gallons per day (gpd), the volume and source of water use for existing and proposed activities at the project site:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Municipal or regional water supply	_____	_____	_____
Withdrawal from groundwater	_____	_____	_____
Withdrawal from surface water	_____	_____	_____
Interbasin transfer	_____	_____	_____

- B. If the source is a municipal or regional supply, has the municipality or region indicated that there is adequate capacity in the system to accommodate the project? ___ Yes ___ No
- C. If the project involves a new or expanded withdrawal from a groundwater or surface water source, has a pumping test been conducted? ___ Yes ___ No; if yes, attach a map of the drilling sites and a summary of the alternatives considered and the results. _____
- D. What is the currently permitted withdrawal at the proposed water supply source (in gallons per day)? _____ Will the project require an increase in that withdrawal? ___ Yes ___ No; if yes, then how much of an increase (gpd)? _____
- E. Does the project site currently contain a water supply well, a drinking water treatment facility, water main, or other water supply facility, or will the project involve construction of a new facility? ___ Yes ___ No. If yes, describe existing and proposed water supply facilities at the project site:

	<u>Permitted Flow</u>	<u>Existing Avg Daily Flow</u>	<u>Project Flow</u>	<u>Total</u>
Capacity of water supply well(s) (gpd)	_____	_____	_____	_____
Capacity of water treatment plant (gpd)	_____	_____	_____	_____

F. If the project involves a new interbasin transfer of water, which basins are involved, what is the direction of the transfer, and is the interbasin transfer existing or proposed?

G. Does the project involve:

1. new water service by the Massachusetts Water Resources Authority or other agency of the Commonwealth to a municipality or water district? ___ Yes ___ No
2. a Watershed Protection Act variance? ___ Yes ___ No; if yes, how many acres of alteration?
3. a non-bridged stream crossing 1,000 or less feet upstream of a public surface drinking water supply for purpose of forest harvesting activities? ___ Yes ___ No

III. Consistency

Describe the project's consistency with water conservation plans or other plans to enhance water resources, quality, facilities and services:

WASTEWATER SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to **wastewater** (see 301 CMR 11.03(5))? ___ Yes No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **wastewater**? ___ Yes No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Transportation -- Traffic Generation Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Wastewater Section below.

II. Impacts and Permits

A. Describe the volume (in gallons per day) and type of disposal of wastewater generation for existing and proposed activities at the project site (calculate according to 310 CMR 15.00 for septic systems or 314 CMR 7.00 for sewer systems):

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Discharge of sanitary wastewater	_____	_____	_____
Discharge of industrial wastewater	_____	_____	_____
TOTAL	_____	_____	_____

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Discharge to groundwater	_____	_____	_____
Discharge to outstanding resource water	_____	_____	_____
Discharge to surface water	_____	_____	_____
Discharge to municipal or regional wastewater facility	_____	_____	_____
TOTAL	_____	_____	_____

B. Is the existing collection system at or near its capacity? ___ Yes ___ No; if yes, then describe the measures to be undertaken to accommodate the project's wastewater flows:

C. Is the existing wastewater disposal facility at or near its permitted capacity? ___ Yes ___ No; if yes, then describe the measures to be undertaken to accommodate the project's wastewater flows:

D. Does the project site currently contain a wastewater treatment facility, sewer main, or other wastewater disposal facility, or will the project involve construction of a new facility? ___ Yes ___ No; if yes, describe as follows:

	<u>Permitted</u>	<u>Existing Avg Daily Flow</u>	<u>Project Flow</u>	<u>Total</u>
Wastewater treatment plant capacity (in gallons per day)	_____	_____	_____	_____

E. If the project requires an interbasin transfer of wastewater, which basins are involved, what is the direction of the transfer, and is the interbasin transfer existing or new?

(NOTE: Interbasin Transfer approval may be needed if the basin and community where wastewater will be discharged is different from the basin and community where the source of water supply is located.)

F. Does the project involve new sewer service by the Massachusetts Water Resources Authority (MWRA) or other Agency of the Commonwealth to a municipality or sewer district? ___ Yes ___ No

G. Is there an existing facility, or is a new facility proposed at the project site for the storage, treatment, processing, combustion or disposal of sewage sludge, sludge ash, grit, screenings, wastewater reuse (gray water) or other sewage residual materials? ___ Yes ___ No; if yes, what is the capacity (tons per day):

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Storage	_____	_____	_____
Treatment	_____	_____	_____
Processing	_____	_____	_____
Combustion	_____	_____	_____
Disposal	_____	_____	_____

H. Describe the water conservation measures to be undertaken by the project, and other wastewater mitigation, such as infiltration and inflow removal.

III. Consistency

A. Describe measures that the proponent will take to comply with applicable state, regional, and local plans and policies related to wastewater management:

B. If the project requires a sewer extension permit, is that extension included in a comprehensive wastewater management plan? ___ Yes ___ No; if yes, indicate the EEA number for the plan and whether the project site is within a sewer service area recommended or approved in that plan:

TRANSPORTATION SECTION (TRAFFIC GENERATION)

I. Thresholds / Permit

A. Will the project meet or exceed any review thresholds related to **traffic generation** (see 301 CMR 11.03(6))? ___ Yes No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **state-controlled roadways**? Yes No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Roadways and Other Transportation Facilities Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Traffic Generation Section below.

II. Traffic Impacts and Permits

A. Describe existing and proposed vehicular traffic generated by activities at the project site:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Number of parking spaces	_____	_____	_____
Number of vehicle trips per day	_____	_____	_____
ITE Land Use Code(s):	_____	_____	_____

B. What is the estimated average daily traffic on roadways serving the site?

	<u>Roadway</u>	<u>Existing</u>	<u>Change</u>	<u>Total</u>
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____

C. If applicable, describe proposed mitigation measures on state-controlled roadways that the project proponent will implement:

D. How will the project implement and/or promote the use of transit, pedestrian and bicycle facilities and services to provide access to and from the project site?

C. Is there a Transportation Management Association (TMA) that provides transportation demand management (TDM) services in the area of the project site? ___ Yes ___ No; if yes, describe if and how will the project will participate in the TMA:

D. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation facilities? ___ Yes ___ No; if yes, generally describe:

E. If the project will penetrate approach airspace of a nearby airport, has the proponent filed a Massachusetts Aeronautics Commission Airspace Review Form (780 CMR 111.7) and a Notice of Proposed Construction or Alteration with the Federal Aviation Administration (FAA) (CFR Title 14 Part 77.13, forms 7460-1 and 7460-2)?

III. Consistency

Describe measures that the proponent will take to comply with municipal, regional, state, and federal plans and policies related to traffic, transit, pedestrian and bicycle transportation facilities and services:

TRANSPORTATION SECTION (ROADWAYS AND OTHER TRANSPORTATION FACILITIES)

I. Thresholds

A. Will the project meet or exceed any review thresholds related to **roadways or other transportation facilities** (see 301 CMR 11.03(6))? Yes ___ No; if yes, specify, in quantitative terms:

Transportation:

301 CMR 11.03(6)(b) 2b. Construction, widening or maintenance of a roadway or its right-of-way that will cut five or more living public shade trees of 14 or more inches in diameter at breast height

The project will result in the cutting of more than five trees adjacent to the proposed trail in order to provide proper clearances and to allow construction of the trail.

B. Does the project require any state permits related to **roadways or other transportation facilities**? ___ Yes ___ No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Energy Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Roadways Section below.

II. Transportation Facility Impacts

A. Describe existing and proposed transportation facilities in the immediate vicinity of the project site:

B. Will the project involve any

- | | |
|--|-----------------------|
| 1. Alteration of bank or terrain (in linear feet)? | ___no___ |
| 2. Cutting of living public shade trees (number)? | Greater than 5 |
| 3. Elimination of stone wall (in linear feet)? | ___no___ |

III. Consistency -- Describe the project's consistency with other federal, state, regional, and local plans and policies related to traffic, transit, pedestrian and bicycle transportation facilities and services, including consistency with the applicable regional transportation plan and the Transportation Improvements Plan (TIP), the State Bicycle Plan, and the State Pedestrian Plan:

The Acton Master Plan Update of 1998 specifically identifies the ARRT in regard to function ("This trail, in addition to being a significant recreational asset, would improve bicycle access to the commuter rail station and ease parking shortages") and in action ("Provide funding and support for the ARRT"). A recently (underway 2008) initiated Acton Comprehensive Community Plan lists "Connections" as a Core Value/Guiding Principle and envisions these connections as including "...sidewalks, bike paths, trails and public transportation to connect people and places." It also identifies an Objective to "Improve Walking and Biking Experience."

The Town of Maynard has a recently developed list of Community Development Principles. Principle #1, "Concentrate Development and Integrate Uses," includes a suggested initiative to "Continue work on Assabet River Rail Trail as part of enhanced recreational opportunities." Principle #6, "Provide a Variety of Transportation Choices," includes a suggested initiative to "Complete the ARRT through Maynard." Principle #8, "Protect Land and Ecosystems," includes a suggested initiative to "Support completion of the Assabet River Rail

Trail.”

The ARRT is consistent with the Regional Policy Plan by virtue of providing alternative transportation connections between communities, utilizing existing infrastructure (the abandoned railroad ROW), and encouraging multi-modal travel through its direct link to the MBTA South Acton Commuter Rail station.

The ARRT is also included in the Boston MPO TIP, and is specifically identified in the Statewide Massachusetts Bicycle Transportation Plan.

ENERGY SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to **energy** (see 301 CMR 11.03(7))?
___ Yes No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **energy**? ___ Yes No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Air Quality Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Energy Section below.

II. Impacts and Permits

A. Describe existing and proposed energy generation and transmission facilities at the project site:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Capacity of electric generating facility (megawatts)	_____	_____	_____
Length of fuel line (in miles)	_____	_____	_____
Length of transmission lines (in miles)	_____	_____	_____
Capacity of transmission lines (in kilovolts)	_____	_____	_____

B. If the project involves construction or expansion of an electric generating facility, what are:

1. the facility's current and proposed fuel source(s)?
2. the facility's current and proposed cooling source(s)?

C. If the project involves construction of an electrical transmission line, will it be located on a new, unused, or abandoned right of way? ___ Yes ___ No; if yes, please describe:

D. Describe the project's other impacts on energy facilities and services:

III. Consistency

Describe the project's consistency with state, municipal, regional, and federal plans and policies for enhancing energy facilities and services:

AIR QUALITY SECTION

I. Thresholds

A. Will the project meet or exceed any review thresholds related to **air quality** (see 301 CMR 11.03(8))? ___ Yes No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **air quality**? ___ Yes No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Solid and Hazardous Waste Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Air Quality Section below.

II. Impacts and Permits

A. Does the project involve construction or modification of a major stationary source (see 310 CMR 7.00, Appendix A)? ___ Yes ___ No; if yes, describe existing and proposed emissions (in tons per day) of:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Particulate matter	_____	_____	_____
Carbon monoxide	_____	_____	_____
Sulfur dioxide	_____	_____	_____
Volatile organic compounds	_____	_____	_____
Oxides of nitrogen	_____	_____	_____
Lead	_____	_____	_____
Any hazardous air pollutant	_____	_____	_____
Carbon dioxide	_____	_____	_____

B. Describe the project's other impacts on air resources and air quality, including noise impacts:

III. Consistency

A. Describe the project's consistency with the State Implementation Plan:

B. Describe measures that the proponent will take to comply with other federal, state, regional, and local plans and policies related to air resources and air quality:

SOLID AND HAZARDOUS WASTE SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to **solid or hazardous waste** (see 301 CMR 11.03(9))? ___ Yes No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **solid and hazardous waste**? ___ Yes No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Historical and Archaeological Resources Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Solid and Hazardous Waste Section below.

II. Impacts and Permits

A. Is there any current or proposed facility at the project site for the storage, treatment, processing, combustion or disposal of solid waste? ___ Yes ___ No; if yes, what is the volume (in tons per day) of the capacity:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Storage	_____	_____	_____
Treatment, processing	_____	_____	_____
Combustion	_____	_____	_____
Disposal	_____	_____	_____

B. Is there any current or proposed facility at the project site for the storage, recycling, treatment or disposal of hazardous waste? ___ Yes ___ No; if yes, what is the volume (in tons or gallons per day) of the capacity:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Storage	_____	_____	_____
Recycling	_____	_____	_____
Treatment	_____	_____	_____
Disposal	_____	_____	_____

C. If the project will generate solid waste (for example, during demolition or construction), describe alternatives considered for re-use, recycling, and disposal:

D. If the project involves demolition, do any buildings to be demolished contain asbestos?
___ Yes ___ No

E. Describe the project's other solid and hazardous waste impacts (including indirect impacts):

III. Consistency

Describe measures that the proponent will take to comply with the State Solid Waste Master Plan:

HISTORICAL AND ARCHAEOLOGICAL RESOURCES SECTION

I. Thresholds / Impacts

A. Have you consulted with the Massachusetts Historical Commission? Yes ___ No; if yes, attach correspondence. For project sites involving lands under water, have you consulted with the Massachusetts Board of Underwater Archaeological Resources? ___ Yes ___ No; if yes, attach correspondence

B. Is any part of the project site a historic structure, or a structure within a historic district, in either case listed in the State Register of Historic Places or the Inventory of Historic and Archaeological Assets of the Commonwealth? Yes ___ No; if yes, does the project involve the demolition of all or any exterior part of such historic structure? ___ Yes No; if yes, please describe:

C. Is any part of the project site an archaeological site listed in the State Register of Historic Places or the Inventory of Historic and Archaeological Assets of the Commonwealth? ___ Yes No; if yes, does the project involve the destruction of all or any part of such archaeological site? ___ Yes ___ No; if yes, please describe:

D. If you answered "No" to all parts of both questions A, B and C, proceed to the **Attachments and Certifications** Sections. If you answered "Yes" to any part of either question A or question B, fill out the remainder of the Historical and Archaeological Resources Section below.

II. Impacts

Describe and assess the project's impacts, direct and indirect, on listed or inventoried historical and archaeological resources: **The rail trail will pass through the South Acton Village Historic District, a local historic district. The construction of the rail trail will not impact the character of the district.**

III. Consistency

Describe measures that the proponent will take to comply with federal, state, regional, and local plans and policies related to preserving historical and archaeological resources: **MassDOT and the towns of Acton and Maynard will work with the Massachusetts Historical Commission, the Acton Historical Commission and the Maynard Historical Commission, as appropriate, to ensure that impacts to historic and archaeological resources are avoided.**

CERTIFICATIONS:

1. The Public Notice of Environmental Review has been/will be published in the following newspapers in accordance with 301 CMR 11.15(1):

(Name) Boston Globe (Date) _____

2. This form has been circulated to Agencies and Persons in accordance with 301 CMR 11.16(2).

Signatures:

Date	Signature of Responsible Officer or Proponent	Date	Signature of person preparing ENF (if different from above)
			David P. Derrig, Jr., AICP
	MassDOT		AECOM
	Firm/Agency		Firm/Agency
	10 Park Plaza,		250 Apollo Drive
	Street		Street
	Boston, MA 02116		Chelmsford, MA 01824
	Municipality/State/Zip		Municipality/State/Zip
	617-973-7242		978-905-2181
	Phone		Phone