

Commonwealth of Massachusetts
Executive Office of Environmental Affairs ■ MEPA Office

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs
 EOE No.: 13760
 MEPA Analyst: *Briony Angus*
 Phone: 617-626-1029

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Robin Road, Robin Lane, Robin Circle		
Street: Robin Road, Robin Lane, Robin Circle		
Municipality: Westborough	Watershed: Concord	
Universal Transverse Mercator Coordinates: 46 83 718 N 2 83 309 E Unit 19	Latitude: 42 16' 38.9" Longitude: 71 37' 38.2"	
Estimated commencement date: 2006	Estimated completion date: 2006	
Approximate cost:	Status of project design: 25	%complete
Proponent: John Walden, P.E.		
Street: 131 Oak Street		
Municipality: Westborough	State: MA	Zip Code: 01581
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Jennifer Podhajski		
Firm/Agency: Maguire Group Inc.	Street: 33 Commercial Street	
Municipality: Foxborough	State: MA	Zip Code: 02035
Phone: 508-543-1700 x389	Fax: 508-543-5157	E-mail: jpodhajski@maguiregroup.com

- Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
 Yes No
- Has this project been filed with MEPA before?
 Yes (EOEA No. _____) No
- Has any project on this site been filed with MEPA before?
 Yes (EOEA No. _____) No
- Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
- a Single EIR? (see 301 CMR 11.06(8)) Yes No
 - a Special Review Procedure? (see 301 CMR 11.09) Yes No
 - a Waiver of mandatory EIR? (see 301 CMR 11.11) Yes No
 - a Phase I Waiver? (see 301 CMR 11.11) Yes No

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):

Are you requesting coordinated review with any other federal, state, regional, or local agency?

Yes (Specify DEP Notice Of Intent, Con Comm) No

List Local or Federal Permits and Approvals:

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- | | | |
|--|---------------------------------------|--|
| <input type="checkbox"/> Land | <input type="checkbox"/> Rare Species | <input type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input type="checkbox"/> Water | <input type="checkbox"/> Wastewater | <input checked="" type="checkbox"/> Transportation |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air | <input type="checkbox"/> Solid & Hazardous Waste |
| <input checked="" type="checkbox"/> ACEC | <input type="checkbox"/> Regulations | <input type="checkbox"/> Historical & Archaeological Resources |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
LAND				<input checked="" type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/Extension Permit <input type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i>
Total site acreage	3.61			
New acres of land altered		0		
Acres of impervious area	2.68	0.32	3.00	
Square feet of new bordering vegetated wetlands alteration		142		
Square feet of new other wetland alteration		30		
Acres of new non-water dependent use of tidelands or waterways		0		
STRUCTURES				
Gross square footage				
Number of housing units				
Maximum height (in feet)				
TRANSPORTATION				
Vehicle trips per day				
Parking spaces	0	0	0	
WATER/WASTEWATER				
Gallons/day (GPD) of water use				
GPD water withdrawal				
GPD wastewater generation/treatment				
Length of water/sewer mains (in miles)				

CONSERVATION LAND: Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

Yes (Specify _____) No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation

restriction, or watershed preservation restriction?

Yes (Specify _____) No

RARE SPECIES: Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

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 _____) No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify _____) No

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes (Specify_ Westborough Cedar Swamp-Project over waterway which connects to resource area)
No

PROJECT DESCRIPTION: The project description should include (a) a description of the project site, (b) a description of both on-site and off-site alternatives and the impacts associated with each alternative, and (c) potential on-site and off-site mitigation measures for each alternative (You may attach one additional page, if necessary.)

The Town of Westborough Department of Public Works (DPW) proposes to reconstruct and improve three residential roadways in Westborough, Massachusetts. These roadways, Robin Road, Robin Lane, and Robin Circle (hereinafter the "roadways") are located approximately in the center portion of the Town of Westborough and east of Milk Street (Route 135). The coordinates for the intersection of Robin Road and Milk Street are latitude 42° 16' 38"N and longitude 71° 37' 39"W.

The roadways were constructed in the 1950's and initially improved in the 1970's. Since that time, the roadways have deteriorated and deviated from the original right-of-way. As a result, improvements to and reconstruction of the roadways have been proposed. Portions of the proposed roadway reconstruction located along Robin Road and Robin Circle are within the 100 foot buffer zone of bordering vegetated wetlands (BVW) and within the 200 foot riverfront buffer zone. Additionally, a short extension is proposed for the downstream portion of the cross culvert carrying Rutters Brook under Robin Road. The side of the roadway in this area is composed of soil and boulders and has a very steep slope which is deteriorating and eroding due to stormwater run-off. In accordance with the Massachusetts Wetland Regulations, 310 CMR 10.00, the proposed roadway reconstruction will require the submittal of a Notice of Intent (NOI).

Robin Road is approximately 2,500 feet long and runs in a general north/south direction from Milk Street to Robin Lane. The width of the right-of-way of Robin Road is forty feet. The existing road is composed of between two to five inches of bituminous concrete pavement on a gravel base. The pavement varies in width from 21.7 feet to 31.0 feet with an average width of 24 feet. There is no curbing along the existing road. Four foot wide bituminous concrete sidewalks run along the entire length of the road on the west side and the northern half of the road on the east side. The sidewalks are separated from the road pavement by a three to four foot grass strip for most of their length. The sidewalk along the west side of the road is adjacent to the road for approximately 500 feet at the south end of the road near Milk Street.

Robin Lane is approximately 600 feet long and also runs in a north/south direction from Robin Circle to a cul-de-sac. It intersects with Robin Road just north of its mid-point. The existing right-of-way is forty feet in width. The road pavement is similar in composition to that of Robin Road, and the existing pavement width varies from 21.8 to 24.1 feet with an average width of just under 24 feet. There is no curbing along this road except for the cul-de-sac which is bordered by bituminous concrete curb along most of its edge. Robin Lane also has bituminous concrete sidewalks along both sides of the road and narrow strips of grass separate the sidewalk from the road. The sidewalks terminate approximately 85 feet south of the entrance to the cul-de-sac.

Robin Circle is approximately 325 feet long, intersects Robin Lane at its west end and terminates in a cul-de-sac at its east end. Road pavement ends at the west side of this intersection. The existing right-of-way is forty feet in width. The road pavement is similar in composition to that of Robin Road. The existing pavement width varies from 23.6 to 24.7 feet with an average width of just over 24 feet. There is no curbing along the existing road. Bituminous concrete sidewalks are located along both sides of the road and narrow strips of grass separate the sidewalk from the road. The sidewalks extend around the cul-de-sac and terminate at the west edge of pavement.

The existing drainage system within the project area is a closed system composed of a combination of corrugated metal pipe (CMP) and reinforced concrete pipe (RCP). The drainage system is generally in good condition but several of the pipes are undersized and cannot accommodate storm water run-off from a 25- year storm event. There are also sags in portions of the longer runs of CMP. There are three drainage outfalls within the project area. Two of the outfalls consist of 12-inch drainage pipes which collect small amounts of run-off and direct it away from the road to two outlets located behind local residences. The majority of the drainage system utilizes the third outlet which empties into the Rutters Brook cross culvert.

Rutters Brook is a small, protected stream which is part of the watershed for the Westborough Cedar Swamp, a designated ACEC. In the Robin Road area, wetlands associated with Rutters Brook were identified within 150 feet of the center line of Robin Road and Robin Court. Rutters Brook flows north to south, parallels Robin Court and crosses Robin Road and a property north of the road by means of a 24-inch diameter reinforced concrete pipe (RCP) culvert.

The scope of work for this project includes the complete removal and reconstruction of the roadways and curbing. Also, the existing drainage system will be analyzed and drainage pipes will also be replaced if any of the pipes are determined to be in poor condition or are incapable of handling stormwater volumes from a 25-year storm event. Finally, the existing water lines will be removed and replaced during the reconstruction activities. This work is being conducted by the Town of Westborough to continue ongoing improvement to the Town infrastructure.

Additionally, a short extension is proposed for the downstream portion of the cross culvert carrying Rutters Brook under Robin Road. The side of the roadway in this area is composed of soil and boulders and has a very steep slope which is deteriorating and eroding due to stormwater run-off. The proposed culvert extensions will allow for the installation of a rip rap revetment above the culvert to create a more stable slope and to reduce erosion into the Brook. Approximately 142 square feet of BVW and 30 square feet of land under water will be impacted

as part of the proposed culvert extension. This work will not impair the water carrying capacity of the brook, surface water quality or the capacity of the brook to provide breeding habitat and escape cover for native fauna.

There was no other alternate location for this project. For each road reconstruction project the Town of Westborough DPW selects the roads and drainage systems in most need of repair and improvement to best suit the needs of the Town. The roadways are not being relocated or widened and require repair and improvements to prevent further deterioration.