## Commonwealth of Massachusetts Executive Office of Environmental Affairs ■ MEPA Office

## **ENF**

## **Environmental Notification Form**

For Office Use Only	
Executive Office of Environmental Affairs	
EOEA No.: 13805 MEPA Analy RThure Pugsky Phone: 617-626-	/

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: Reconstruction of H	ospital Ro	nad .			
Traject Name: Necestal action of the	oopital 1 (	Jad			
Street: Hospital Road					
Municipality: Monson	Watershed: Chicopee				
Universal Tranverse Mercator Coordinates:		Latitude: 42° 08' 42.4"N to 42° 08' 35"N			
Start: x: 720720 to 721980		Longitude: 72° 19' 43.7"N to 72° 18' 49.5"N			
Finish: y: 4669120 to 4668940					
Estimated commencement date: Spring 03		Estimated completion date:Summer 04			
Approximate cost: \$950,000		Status of project design: 75 %complete			
Proponent: MassHighway Departm	ent				
Street: 10 Park Plaza, Room 4260					
Municipality: Boston		State: MA	Zip Code: 02116		
Name of Contact Person From Who	m Copies	of this ENF May	Be Obtained:		
Robert Anzalone				ı	
Firm/Agency: MassHighway		Street: 10 Park	: Plaza		
Municipality:Boston		State: MA	Zip Code: 02116		
Phone (617) 973-7442	Fax: (61	7) 973-8879	E-mail:		
			Robert.Anzalone@state.ma.u	<u>1S</u>	
Does this project meet or exceed a mar		•	· -		
Los this project been filed with MEDA b		/es	⊠No		
Has this project been filed with MEPA b		es (EOEA No.	. No		
Yes (EOEA No. ) No Has any project on this site been filed with MEPA before?					
		es (EOEA No	) ⊠No		
Is this an Expanded ENF (see 301 CMR 11.	 05/71) reque	estina:			
a Single EIR? (see 301 CMR 11.06(8))	00(1 <i>))</i> 10qu	Yes	⊠No		
a Special Review Procedure? (see 301C	MR 11.09)	∐Yes	⊠No		
a Waiver of mandatory EIR? (see 301 CM	IR 11.11)	∐Yes	⊠No		
a Phase I Waiver? (see 301 CMR 11.11)		☐Yes	⊠No		
Identify any financial assistance or land	transfer fr	om an agency of ti	he Commonwealth, including		
the agency name and the amount of funding or land area (in acres): MassHighway State Funding					
20% Federal Highway Administration 8	0%				
Are you requesting coordinated review	with any ot	ther federal, state,	regional, or local agency?		
Yes(Specify		) 🛭	No		
List Local or Federal Parmits and Appro	waler Ord	or of Conditions			
List Local or Federal Permits and Appro	vais. <u>UIU</u>	ei oi conditions, P	GFI - ACUE		

Land Water Energy ACEC	Rare Spec Wastewate Air Regulation	er 🛚	Transportat Solid & Haz	zardous Waste Archaeological
Summary of Project Size	Existing	Change	Total	State Permits &
& Environmental Impacts				Approvals
L	AND			☐ Superceding Order of
Total site acreage	2.2 acres			Conditions
New acres of land altered		0.3 acres		Chapter 91 License
Acres of impervious area	1.9 acres	2.2 acres	Increase of 0.3 acres	401 Water Quality Certification
Square feet of new bordering vegetated wetlands alteration		1,776 sq ft		☐ MHD or MDC Access Permit ☐ Water Management
Square feet of new other wetland alteration		None		Act Permit  New Source Approval
Acres of new non-water dependent use of tidelands or waterways		None		DEP or MWRA Sewer Connection/ Extension Permit
STRU	JCTURES	7.5		Other Permits (including Legislative
Gross square footage	N/A			Approvals) - Specify:
Number of housing units	N/A			
Maximum height (in feet)	N/A			
TRANSF	PORTATION			
Vehicle trips per day	983 ADT	No Change	No Change	
Parking spaces	None	None	None	
WATER/W	VASTEWATE	R		
Gallons/day (GPD) of water use	N/A			
GPD water withdrawal	N/A			
GPD wastewater generation/ treatment	N/A			
Length of water/sewer mains (in miles)	N/A			
CONSERVATION LAND: Will the progressources to any purpose not in accor Yes (Specify Will it involve the release of any conserestriction, or watershed preservation  Yes (Specify	dance with Arti ervation restrict restriction?	cle 97? ) ion, preservation	⊠No	·

<b>RARE SPECIES</b> : Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?
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)
AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical
=nvironmental Concern?
☐Yes (Specify) ⊠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 <b>(c)</b> potential on-site and off-site mitigation measures for each alternative ( <i>You may</i> attach one additional page, if necessary.)
The Town of Monson, Massachusetts, through the Board of Selectmen, has engaged Guertin &
Associates, Inc., to design roadway improvements for a segment of Hospital Road for the purposes of
mproving traffic flow and safety. The town is responsible for the engineering design and the
Massachusetts Highway Department, through the current Transportation Equity Act for the 21st Century
(TFA-21) is committed to administer and find the project's construction

(TEA-21), is committed to administer and fund the project's construction.

The existing roadway section has a variable width throughout the project corridor. Hospital Road has an average width of 6.5-meters (21.32 feet). The current pavement condition on Hospital Road is poor,

evidenced by visible alligator cracking, rutting, depressions, and raveling. Other factors contributing to the need for this project include sub-standard shoulder widths, lack of handicap accessibility and inadequate drainage leading to adjacent wetland impacts, and flooding problems. Hospital Road is classified under the Federal Aid System as a "rural major collector" and has an Average Daily Traffic (ADT) of 983 vehicles.

volume design thresholds in order to reduce impacts. The typical cross section will provide for a uniform paved width of 7.5-meters (24.6 ft). This includes two 3.25-meter (10.66 ft) travel lanes, and 0.5-meter (1.64 ft) paved shoulders. The minimum widths were proposed to reduce the number of Right of Way acquisitions, to reduce the number of trees impacted, to reduce the number of slope easements required, and to reduce the impacts to adjacent wetland areas including perennial streams and associated Bordering Vegetated Wetlands. In addition a 1.525-meter (5 ft) sidewalk will be provided in the vicinity of the Monson Developmental Center. The widening will result in an average of 1.64-meter (3.28 ft per roadside) along the Hospital Road corridor. In addition to the proposed reduced roadway width, impacts

MassHighway proposes to reconstruct and widen Hospital Road using MassHighway's low speed low

The lack of adequate drainage provisions along the project corridor is of significant concern as a cause of pavement stress and failure, and a safety hazard during times of inclement weather. Impacts to adjacent

have been avoided and minimized the use of 2:1 slope treatments and 1:1 stone pavement slope

treatments.

Bordering Vegetated Wetlands are clearly visible along the corridor due to the insufficient drainage design. Significant drainage system improvements are proposed as part of this project to accommodate the roadway drainage, establish sufficient Total Suspended Solids (TSS) removal and to reduce or eliminate the otherwise adverse impacts of roadway runoff onto adjacent properties. Additional BMP's, such as vegetated swales (70% TSS removal), will be used in conjunction with the deep sump catch basins where applicable to increase stormwater quality. Deteriorated and substandard cross culverts and headwalls will be replaced with new pipe and appropriate inlet and outlet structures such as flared end or endwalls.

less than a single lane width) resulting in drainage system and road safety improvements. Pursuant to the Massachusetts Wetlands Protection Act Regulations (310 CMR 10.53 (3)(f)) this work falls under the description of "limited" project status. All work will conform to the general performance standards of the Massachusetts Wetlands Protection Act (MGL c. 131  $\bigcirc$  40) and its implementing regulations at 310 CMR 10.00. Furthermore, this project is considered a redevelopment project pursuant to the DEP Stormwater Management Policy. Although, this is a redevelopment project, we are in compliance to the greatest extent practicable with the nine standards of the Stormwater Management Policy.

The project, as proposed, will maintain and improve the existing roadway, including widening (limited to

The project requires an ENF pursuant to the Massachusetts Environmental Policy Act (MGL c. 3000 61-62H) and its implementing regulations at 301 CMR 11.03(3)(b)1.e. where there will be "Expansion of existing fill" in a regulatory floodway and 11.03(3)(b)2.b the cutting of 5 or more living public shade trees. A portion of the Hospital Road corridor is located in the regulatory floodway of Chicopee Brook. All minor fill to the existing roadway corridor, including side slope regrading will be replaced on a 1:1 volume basis. All living public shade trees will also be replaced on a 2:1 volume basis.