

# 13912  
 Aisling Eglinton  
 417-626-1024

# ENF Environmental Notification Form

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:<br><b>Construction of Concrete Median Barrier and Resurfacing, Mile 103.2 – 104.9</b> |  |   |
| Street: <b>Massachusetts Turnpike, Route I - 90</b>   |  |   |
| Municipality: <b>Westborough and Hopkinton</b>  | Watershed: <b>SuAsCo</b>   |   |
| Universal Transverse Mercator Coordinates:  | Latitude: <b>42° 14' 0" to 42° 15' 02"</b><br>Longitude: <b>71° 36' 34" to 71° 35' 09"</b> |   |
| Estimated commencement date: <b>April 2007</b>  | Estimated completion date: <b>September 2007</b>   |   |
| Approximate cost: <b>\$4,000,000</b>  | Status of project design: <b>75 %complete</b>  |   |
| Proponent: <b>Massachusetts Turnpike Authority</b>  |  |   |
| Street: <b>668 South Ave</b>  |  |   |
| Municipality: <b>Weston</b>   | <b>MA</b>  | Zip Code: <b>02493</b>                    |
| Name of Contact Person From Whom Copies of this ENF May Be Obtained:<br><b>Linda Smith</b>          |  |   |
| Firm/Agency: <b>Masspike</b>  | Street: <b>668 South Ave</b>   |   |
| Municipality: <b>Weston</b>   | State: <b>MA</b>   | Zip Code: <b>02493</b>                    |
| Phone: <b>781-431-5171</b>  | Fax: <b>781-237-5179</b>   | E-mail:<br><b>Linda.smith@masspike.co</b> |

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 301CMR 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 \_\_\_\_\_)  No

List Local or Federal Permits and Approvals: **Categorical Exclusion Checklist under NEPA and NPDES Construction General Permit**

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

- |  |                                       |  |
|--|---------------------------------------|--|
| <input checked="" 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 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   |
|--|----------|--------|-------|---|
| <b>LAND</b>  |          |        |       | <input type="checkbox"/> Order of Conditions<br><input type="checkbox"/> Superseding Order of Conditions<br><input type="checkbox"/> Chapter 91 License<br><input type="checkbox"/> 401 Water Quality Certification<br><input type="checkbox"/> MHD or MDC Access Permit<br><input type="checkbox"/> Water Management Act Permit<br><input type="checkbox"/> New Source Approval<br><br><input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit<br><input checked="" type="checkbox"/> Other Permits (including Legislative Approvals) – Specify: |
| Total site acreage   | 24.4     |        |       |   |
| New acres of land altered                                      |          |        |       |   |
| Acres of impervious area                                       | 20.7     | 3.7    | 24.4  |   |
| Square feet of new bordering vegetated wetlands alteration     |          |        |       |   |
| Square feet of new other wetland alteration                    |          |        |       |   |
| Acres of new non-water dependent use of tidelands or waterways |          |        |       |   |
| <b>STRUCTURES</b>  |          |        |       | <u>Requests for Determination of Applicability Under the Massachusetts Wetland Protection Act</u><br>_____<br>_____<br>_____<br>_____<br>_____  |
| Gross square footage   |          |        |       |   |
| Number of housing units  |          |        |       |   |
| Maximum height (in feet)                                       |          |        |       |   |
| <b>TRANSPORTATION</b>  |          |        |       |   |
| Vehicle trips per day  |          |        |       |   |
| Parking spaces   |          |        |       |   |
| <b>WASTEWATER</b>  |          |        |       |   |
| Gallons/day (GPD) of water use                                 |          |        |       |   |
| GPD water withdrawal   |          |        |       |   |
| GPD wastewater generation/ treatment                           |          |        |       |   |

|   |  |  |  |
|---|--|--|--|
| Length of water/sewer mains<br>(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 \_\_\_\_\_)       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 Massachusetts Turnpike Authority is proposing safety and maintenance improvements along Route I-90 from mile marker 103.2, Bowman Street Bridge to mile marker 104.9, Wood Street (Rte. 135), a distance of 1.7 miles. Route I-90 is part of the National Highway System and is a part of the continuous major highway connection from New York State and points west, as well as points southwest from Connecticut and New York City via Route 84. This portion of the MassPike is a heavily traveled commuter route with destinations around the metropolitan Boston area. The route supports an average daily traffic volume of approximately 84,000 vehicles in the eastbound and westbound direction with a maximum posted speed of 65 miles per hour.

Within the project limits, the 118 foot work area carries three 12-foot travel lanes, a 10-foot outside paved shoulder and a 4-foot inside paved shoulder in each direction. The eastbound and westbound lanes are separated by an 18-foot wide unpaved grass median and double faced, single beam, steel guardrail. The median's high point is at the center along the guardrail, allowing water to drain into the gutterline drainage structures along the 4-foot inside shoulder. This particular type of cross-section and this stretch of roadway has a history of vehicles vaulting over the existing guardrail into oncoming traffic. The existing paved surface is in poor condition and requires repairs.

The scope of work includes cold planning and paving the existing roadway surface, removing and disposing existing guardrail in the median, excavating the median soil and installing a concrete median safety barrier in order to prevent vehicles from crossing over into oncoming traffic. The existing unpaved median will be paved to provide a high speed

12-foot shoulder in each direction so disabled vehicles have a place of refuge. A usable median breakdown lane will increase safety, reduce traffic congestion and reduce the potential of a catastrophic incident.

Additional work elements include adjusting drainage structures, adjusting fiberoptic handholes, placing gravel borrow and concrete, installing pavement millings on shoulders, installing pavement markings, markers, and rumble strips.

The proposed median drainage will not change from the existing. Existing drainage structures will be adjusted and some that show deterioration will have the tops rebuilt. The road grades will not change and, therefore, there is no change to drainage patterns. Since increase flow from each sub area is expected to be minimal, no changes to existing pipe sizes or outlets are required. No new direct drainage discharge points are proposed. No direct impacts to wetland resource areas will occur as a result of the proposed improvements. In accordance with the Massachusetts Wetlands Protection Act Regulations, Requests for Determination of Applicability will be issued within Westborough and Hopkinton. Prior to the start of construction, a Construction General permit will be secured in accordance with the National Pollution Discharge and Elimination Systems program. As a part of that permit, a Stormwater Pollution Prevention Plan will be drafted and put into place to ensure that any sediment disturbed during construction remains within the project area.