

**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.: 13251  
 MEPA Analyst: Anne Canada  
 Phone: 617-626-1035

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: <b>Road Rehabilitation Project, MHD Project # 602301</b>		
Street: <b>West Main Street</b>		
Municipality: <b>Avon, MA</b>	Watershed: <b>Taunton</b>	
Universal Tranverse Mercator Coordinates: N 4668172.818 E 329923.518	Latitude: 42.08.99 N Longitude: 71.03.00 W	
Estimated commencement date: <b>Summer 2004</b>	Estimated completion date: <b>Spring 2006</b>	
Approximate cost: <b>\$2,600,000</b>	Status of project design: <b>75 %complete</b>	
Proponent: <b>Commonwealth of Massachusetts Highway Department</b>		
Street: <b>10 Park Plaza Room 42 60</b>		
Municipality: <b>Boston</b>	State: <b>MA</b>	Zip Code: <b>02116</b>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <b>Matthew F. DeSorbo</b>		
Firm/Agency: <b>Mass Highway</b>	Street: <b>10 Park Plaza, Room 4260</b>	
Municipality: <b>Boston</b>	State: <b>MA</b>	Zip Code: <b>02116</b>
Phone: <b>(617) 973-7882</b>	Fax: <b>(617) 973-8879</b>	E- mail: <b>matthew.desorbo@mhd.state.ma.us</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 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): **80% Federal Highway Surface Transportation Funds, 20% State Funded.**

Are you requesting coordinated review with any other federal, state, regional, or local agency?  
 Yes (Specify \_\_\_\_\_)  No

List Local or Federal Permits and Approvals:

**Federal Highway Administration Programmatic Categorical Exclusion Check List.**

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 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 <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	10.29			
New acres of land altered		0		
Acres of impervious area	3.06	2.04	5.10	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		0		
<b>STRUCTURES</b>				
Gross square footage	N/A			
Number of housing units	N/A			
Maximum height (in feet)	N/A			
<b>TRANSPORTATION</b>				
Vehicle trips per day	15,794 ADT	0	15,794	
Parking spaces	0			
<b>WATER/WASTEWATER</b>				
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 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 Town of Avon in coordination with the Massachusetts Highway Department proposes to rehabilitate West Main Street between West Spring Street and the City of Brockton boundary near the East Main Street intersection. The total length of the project is 0.82 miles (1.32 km). Improvements will include minor roadway widening, reconstruction of existing pavement, drainage improvements, and curb and sidewalk installation. In addition, as a part of this project, the intersection of West Main Street and Harrison Boulevard will be improved. The purpose of this project is to improve safety conditions of the roadway for vehicles and pedestrians, and improve storm water discharge.

West Main Street is a heavily traveled bi-directional north/south roadway under local jurisdiction, carrying 15,794 vehicles per day and is classified as an urban minor arterial. The posted speed limit on the road is 30mph (50kph). Existing conditions include deteriorating pavement conditions and inadequate roadway drainage. Because of inadequate shoulder width and the absence of sidewalks, the corridor lacks bicycle, and pedestrian safety features and accommodations. The existing roadway cross-section consists of one lane in each direction varying from 11.5 feet (3.50 m) to 13.8 feet (4.20 m) in width. Shoulders vary from 1.5 feet ( 0.445 m) to 1.6 feet (0.478 m) The existing roadway drainage system is comprised of 3 separate systems. Each system is made up of 20 failing catch basins and a mix of 12 inch (300mm) to 24 inch (600mm) reinforced concrete pipe (RCP) and vitrified clay pipe (VCP). The existing system is in a state of failure and will be replaced as a part of this project.

Proposed roadway improvement includes widening the existing variable width roadway to a uniform configuration of one 11.5 foot (3.50 m) lane in each direction. Shoulders will be 8.2 feet (2.5 m) in width, and at locations with traffic calming neck downs, shoulders will be 4.1 feet (1.25 m) wide. Proposed improvements are intended to address roadway safety and congestion while allowing an adequate shoulder width to accommodate bicycle travel. Sidewalks will be 5 foot (1.550 m) in width. The sidewalks will be constructed with a standard 6 inch (0.150 m) vertical granite curb.

Total width of sidewalk and curb is 5.5 feet (1.700 m).

The proposed project also includes improvements to the intersection of West Main Street and Harrison Boulevard. Harrison Boulevard is a two-way two-lane arterial that links Route 24 and Route 28. It is a controlled access state highway within a 100 foot layout. The existing intersection is comprised of two through lanes in each direction at the Harrison Boulevard approaches with no exclusive left turn or right turn lanes available. The West Main Street approaches also lack dedicated left and right hand turn lanes. Proposed improvements will provide two through lanes in each direction on the Harrison Boulevard approaches and a dedicated left turn lane as well as a dedicated right turn lane on the east bound approach to West Main Street. The West Main Street approaches will have one through lane in each direction in addition to dedicated left turn and right turn lanes. The proposed traffic signal will be upgraded to pedestrian actuated signal crossings. Signalized intersections will include bicycle detectors with signage alerting bicyclists to stop at the intersection for a GREEN signal.

The Nichols Elementary School is located at the end of Nichols Avenue approximately 0.5 miles (800 m) from the project site. However, some students do cross West Main Street at an unsafe mid-block cross walk with no cross walk signs and worn pavement markings to access Nichols Avenue. While MUTCD warrants did not require the installation of a School Crossing Flashing Beacon on West Main Street due to its distance from the school, the project will provide a high visibility-marked cross walk at the intersection of Nichols Avenue and West Main Street. With the proposed sidewalk enhancements and pedestrian actuated signals at the Harrison Boulevard intersection in addition to the wider roadway shoulders, vehicle, bicycle, and pedestrian safety as well as access to the West Main Street corridor will be greatly improved. MassHighway supports the "Safe Routes To Schools" program. This program encourages walking and bicycling to school, improves safety of streets from a child's perspective, and reduces fuel consumption and air pollution. Further information on the "Safe Routes to Schools" program can be obtained from <http://www.commute.com>.

Three proposed drainage systems will provide a total of 42 new deep sump catch basins with 12 inch (300mm) to 24 inch (600 mm) RCP pipes connecting into the existing trunk lines at the limits of work to avoid creating additional storm water out falls. Best management practices for stormwater including deep sump catch basins and infiltration basins will be installed to prevent direct discharges into any adjacent wetlands. The runoff patterns and system to system collection areas have been maintained so as to not redirect or increase stormwater flows. The Town of Avon will be responsible for the maintenance of the proposed storm water system.

## **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>N/A</u>		
Roadways, parking, and other paved areas	<u>3.06</u>	<u>+2.04</u>	<u>5.10</u>
Other altered areas (describe)	<u>NONE</u>		
Undeveloped areas	<u>7.23</u>	<u>- 2.04</u>	<u>5.19</u>

B. Has any part of the project site been in active agricultural use in the last three years?