



**Environmental  
 Notification Form**

*For Office Use Only*  
 Executive Office of Environmental Affairs  
 EOE No.: 12828  
 MEPA Analyst: ARTHUR RUSSELL  
 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: <b>Construct Taxiway "B"</b>		
Street: <b>80 Airport Road</b>		
Municipality: <b>Town of Orange</b>	Watershed: <b>Millers River</b>	
Universal Transverse Mercator Coordinates:	Latitude: <b>42-34-12.46N</b> Longitude: <b>72-17-19.14W</b>	
Estimated commencement date: <b>6/17/2002</b>	Estimated completion date: <b>10/17/2002</b>	
Approximate cost: <b>\$114,440.00</b>	Status of project design: <b>100 %complete</b>	
Proponent: <b>Orange Municipal Airport</b>		
Street: <b>80 Airport Road</b>		
Municipality: <b>Town of Orange</b>	State: <b>MA</b>	Zip Code: <b>01364</b>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <b>Frank Bush</b>		
Firm/Agency: <b>Washington Infrastructure</b>	Street: <b>One Broadway</b>	
Municipality: <b>Cambridge</b>	State: <b>MA</b>	Zip Code: <b>02142</b>
Phone: <b>617.494.7397/978.544.5137</b>	Fax: <b>617.494.7256</b>	E-mail: <b>frank.bush@wgint.com</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. 10300 & 5909)  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): *7% or \$ 8,011 from the Commonwealth of Massachusetts, Massachusetts Aeronautical Commission.*

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

List Local or Federal Permits and Approvals: **None**

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>  • <b>Original Existing airside</b> 46.8 acres • <b>This total project</b> - 9.2 acres including add on TW "B" of 1 acre.
Total site acreage	485			
New acres of land altered		4.13		
*Acres of impervious area	36.6	0.96	37.6	
Square feet of new bordering vegetated wetlands alteration		N/A		
Square feet of new other wetland alteration		N/A		
Acres of new non-water dependent use of tidelands or waterways		N/A		
<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			N/A	
Parking spaces			N/A	
<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.)

#### **Overall**

*Runway 14/32 is in very poor condition and is in need of immediate reconstruction. A large portion of the runway pavement is over 20 years old and has exceeded its design life. Also, the area beyond the approach end to Runway 14 does not currently meet FAA design standards for runway safety area or runway object free area due to the location of Shingle Brook Road and wetlands adjacent to the road. A Low Intensity Runway Light (LIRL) system, which was installed in 1972, has also reached the end of its useful life and is currently out of service.*

#### **Taxiway "B"**

*Runway 14/32 is currently 5,000 feet by 150 feet. This project includes the reconstruction of Runway 14/32 to 4,800 feet by 75 feet, along with the construction of Taxiway "B". This results in a net reduction of approximately nine (9) acres of impervious surface, even though the Summary of Project Size on page 2 indicates an increase of 0.96 acres.*

*Taxiway "B" pavement section is 35' wide by 1,117 in length. The required safety area width is 80'. Four photographs of the proposed Taxiway show the layout in relationship to the existing terrain. The wooden stakes seen are pavement edges. Also included are two sketches depicting the location of proposed Taxiway "B" at Runway 32 end.*

*The reconstruction in place of Runway 14/32 does not meet any mandatory ENF thresholds and does not require MEPA review. The construction of Taxiway "B" will improve the operational safety of Runway 14/32 by preventing the need to "back-taxi" on the runway. This is important at airports similar to Orange that do not have air traffic control towers, a major safety concern with FAA.*

*The construction of Taxiway "B" will not impact any wetlands and will comply with the threshold requirements stated in Article 1 of the Roadways and Other Transportation Facilities section of this form.*