



Environmental Requirements and Enhancement Projects

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VDOT Environmental Quality Division

Environmental Requirements and Enhancement Projects



Environmental Requirements

Federal/State Environmental requirements

- **Enhancement projects are Federal money**
- **Federal money requires compliance with over 66 federal environmental laws & regulations**
- **State environmental laws & regulations apply**

Environmental Requirements

- **National Environmental Policy Act (NEPA)**
- **NEPA Document covers compliance for:**
 - **National Historic Preservation Act (historic resources)**
 - **Clean Water (water quality permits)**
 - **Threatened & Endangered Species Act**
 - **Section 4(f)**

Environmental Requirements

- **VDOT & Applicant must consider project impacts to human, historic, and natural environment**
- **VDOT will perform work needed for NEPA documents including Section 106**
- **Conclusions & environmental commitments in NEPA document**
- **Applicant responsible for any hazardous materials investigation / water quality permits necessary**
- **Applicant implements environmental commitments into design / construction**

Environmental Requirements

What are environmental commitments?

- **Avoiding impacts to archaeological sites**
- **Using historically appropriate materials in building rehabilitation**
- **Avoiding impacts to T&E species**
- **Minimizing impacts to water / wetlands**
- **Time of Year Restrictions during construction**
- **Submitting preliminary design plans to agency for final acceptance**
- **Proper disposal of hazardous materials (asbestos, lead, petroleum)**

Environmental Requirements

Enhancement Projects & Environmental Considerations

- **Signage**
- **Purchase of scenic or historic property**
- **Trails**
- **Streetscaping / Landscaping**
- **Rehabilitation / restoration historic buildings**

Environmental Requirements

Enhancement Projects & Environmental Considerations

- Signage



Third Winchester walking trail



Virginia Civil War Trails interpretation at Massaponax Church near Spotsylvania

Environmental Requirements

Enhancement Projects & Environmental Considerations

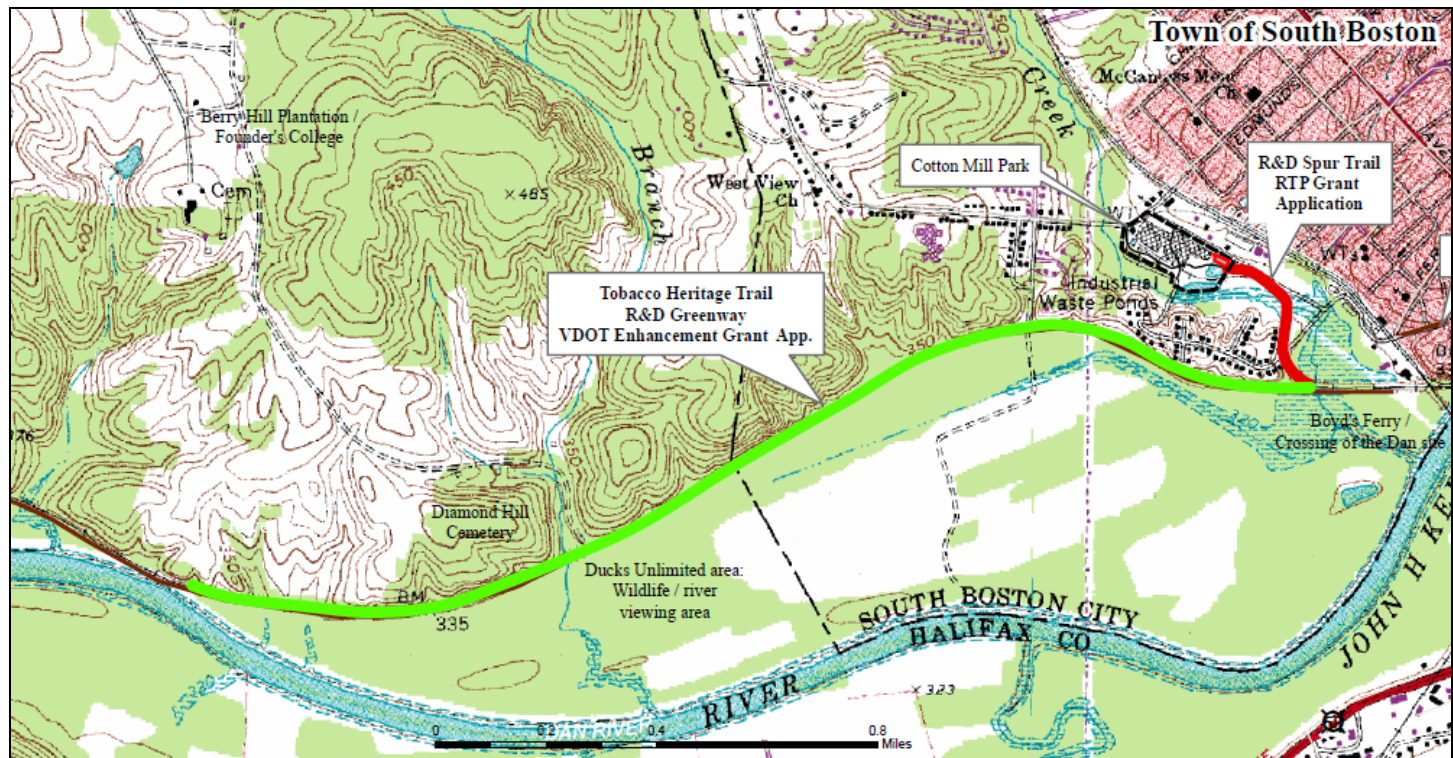
- Purchase of scenic or historic property



Environmental Requirements

Enhancement Projects & Environmental Considerations

- Trails



Environmental Requirements

Enhancement Projects & Environmental Considerations

•Trails

- Adjacent to water?
- Alignment shifts to avoid resources?
- Time of Year Restrictions?
- Archaeology?



Environmental Requirements

Enhancement Projects & Environmental Considerations

- **Streetscaping / Landscaping**
 - Character of historic district
 - Historic materials
 - Review of draft plans by VDHR



Environmental Requirements

Rehabilitation / restoration historic buildings



Environmental Requirements

Reuse of historic materials

- Secretary of Interiors Standards & Guidelines
- National Park Service “Preservation Briefs”



Environmental Requirements

Appropriate materials during rehabilitation



Environmental Requirements

Identify, Retain, and Preserve Historic Materials and Features



Environmental Requirements

Relocation of Historic Property

- Time consuming
- Adverse Effect



Environmental Requirements

Hazardous Materials

- Applicant responsible for due diligence
- Soil contamination
- Lead paint
- Asbestos
- VDOT District Hazmat assistance



Environmental Requirements

Prior to Construction

- **Applicant obtains water quality permits; copies to VDOT**
- **VDOT performs Environmental Certification**
 - Checks scope/footprint still the same
 - Verifies any environmental commitments have been implemented or accounted for in construction plans
- **If project changes have not been covered in NEPA document, can delay construction**

Environmental Requirements

During Construction

- **Applicant responsible for complying with water quality permit conditions**
- **Applicant must comply with any environmental commitments**
 - **Avoiding impacts to Threatened & Endangered Species**
 - **Using architecturally appropriate materials on historic building rehabilitations**
 - **Time of Year Restrictions for in-stream work**
- **If environmental commitments & permits are not complied with federal funds jeopardized**

Environmental Requirements

- **Enhancement Applicants & VDOT District Environmental Managers working together will have successful projects**
- **Minimize need for consultants & costs**
- **Maximize Enhancement project construction**

Handouts

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- Projects and Studies
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- Jobs
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Customer Service Center

VDOT District Environmental Manager Contacts

Select a County or City from the "VDOT Near You" portion of the www.virginiaDOT.org website. This will direct you to one of nine different VDOT Districts. Once you have established which District your project is within, use this list to determine which District Environmental Manager you will need to coordinate your project with:

Northern Virginia District:

John Muse (John.Muse@VDOT.Virginia.gov)
 VDOT Northern Virginia District Environmental Manager
 14685 Avion Parkway
 Chantilly, VA 20151-1104
 703-383-2099

Culpeper District:

Rick Crofford (Rick.Crofford@VDOT.virginia.gov)
 VDOT Culpeper District Environmental Manager
 1601 Orange Rd.
 Orange, VA 22701
 540-829-7509

Fredericksburg District:

Robert Pickett (Robert.Pickett@VDOT.Virginia.gov)
 VDOT Fredericksburg District Environmental Manager
 87 Deacon Road
 Fredericksburg, VA 22405
 540-899-4209

Richmond District:

Nicholas Froelich (Nicholas.Froelich@VDOT.Virginia.gov)
 VDOT Richmond District Environmental Manager
 P.O. Box 3402
 Colonial Heights, VA 23834
 804-624-6104

Environmental Requirements

Open Discussion