

Rail Trail Dismount Erosion Control and Accessibility Improvements, Williamsburg MA

Summary

The Town of Williamsburg through the Mill River Greenway Committee (MRGC) proposes to remediate existing erosion and safety concerns on the town owned property and easement that brings the Mass Central Rail Trail out to the foot of South Main Street in Haydenville (the section of trail colloquially known as the “Goat Path”). The project is funded by a grant from Massachusetts’ Department of Conservation and Recreation’s Recreational Trails Program. The project will correct an active erosion issue adjacent to the bank of the Mill River by; reducing the trail’s slope, shifting the dismount further from the river, installing a catch basin and associated culvert under the trail, creating a small settling and recharge basin for runoff, and establishing groundcover and native woody plants on eroded slopes. The project’s work area occurs entirely within the 100 ft Riverfront area and the Natural Heritage Endangered Species Program’s Estimated Habitats of Rare Wildlife.

Introduction

Due to increased use and its steep slope, the Goat Path has become severely degraded over the last six months. Foot and bike traffic have worn away at the slope, and water runs off the trail through the resulting gully (**see photos**). The proposed project will include rough grading, erosion control and revegetation, guardrail installation, and necessary drainage and surface improvements to reduce existing erosion problems close to the Mill River, while at the same time making this dismount less treacherous for pedestrians and bicycles.

The majority of work will be completed by the Williamsburg Highway Department, and paid for using grant funds secured by the Mill River Greenway Committee in 2014 through the DCR Recreational Trails Grant program. Dostal Tree Service and Lashway Lumber will be removing several trees to allow for vehicle access and slope grading changes. Paradise City Landscapes will be installing guard rails along the steeper sections of the dismount.

Background

In the past 18 months, the MassCentral Rail Trail (Norwottuck section) has been extended from its previous terminus in Leeds, north toward the Williamsburg town line. This recent trail improvement provides a connection to the regional trail network and an increase in the use of the Williamsburg section of trail.

The Northampton Office of Planning and Sustainability recently completed 0.6 miles of trail in the Leeds section of Northampton on property owned by the City using Federal Land and Water Conservation Grant funds, matched with local Community Preservation Act funds. A small section of trail (after the 0.6 mi) leading up to the Williamsburg Town

line was improved but left unpaved due to a funding restriction. While the City has a dedicated easement for trail use on that section, some types of expenditures are ineligible for LWCF funding. The last 0.5 mile of trail, crossing the town line into Williamsburg and extending to the Goat Path was lightly graded during the Northampton project and drainage swales were cleaned. This proposed project will continue that work as an intermediary step toward an eventual full build-out.

Due to private property constraints, the Mass Central Rail Trail does not intersect with a road in Williamsburg and therefore must then leave the railbed and dismount via the “goat path” onto South Main Street, Haydenville. This project proposes to improve the existing conditions and there are no other viable alternatives for relocating the path. A semester long study by the Smith College Design Clinic researched and collected data for a full rebuild of the rail trail dismount. Their findings were documented in a 160-page report to the MRGC along with a poster used in a community forum to gather feedback on the two best construction options. Our proposed project uses the information gathered during the Smith DC study and will serve as an intermediary set to the ultimate goal of completing the study’s findings when sufficient funding is procured. The poster (**Smith DC Poster**) is included in the appendix materials.

The 2013 ‘Mill River Greenway Feasibility Report’

(http://burgy.org/Pages/williamsburgma_BComm/greenresources/Mill%20River%20Greenway%20-%20Feasibility%20Report%20-%20June%202013.pdf) created by the Williamsburg Mill River Greenway Committee established the need and interest in a trail extension into that community. Williamsburg’s long-term goal is a greenway connecting Haydenville with Williamsburg center, 2.5 miles to the north.

Proposed Project

Project Location/Setting

The project site is located in the Village of Haydenville near the Williamsburg/Northampton town line. The rail trail dismount leaves the rail bed and follows the river bank for approximately 100 ft where it then intersects with South Main Street at the bridge crossing the Mill River. The street address at this location is 45 South Main Street and coordinates are 42.368836, -72.701385. Work will take place on both the property owned by the Town of Williamsburg and on an adjacent property where the Town of Williamsburg and the Town of Northampton jointly own a perpetual easement for the purposes of establishing and maintaining a rail trail. The site along the trail is heavily wooded with mixed hard and softwoods.

Design/Sequence

Project Time Frame

The project is expected to take approximately two weeks to complete with work commencing as soon as possible. Our goal is to have the site work finished by the end of October 2016 and disturbed areas seeded/planted and mulched.

Erosion/Sediment Control

Compost fiber tubes and/or silt fence will be installed prior to starting work on site per the attached plan. Fiber tubes were selected for installation along the project envelope adjacent to the river bank to minimize soil disturbance, avoid damaging tree roots, and provide a long-term stable erosion control until revegetation is complete. Silt fence may be used instead of compost fiber tubes on graded sloped further from the river bank to prevent sediment mobilization prior to soil stabilization. **(See Proposed Site Plan).**

Erosion control blanket (EroNet SC150 or similar) will be installed on all regraded slopes to secure soils until ground cover is established. Native tree and shrub saplings will also be installed into the erosion control blanket this fall.

Tree Removal

Trees marked for removal will be taken down and limbed by Dostal Tree service along the existing path to provide clearance for an excavator and to allow for grading work and the creation of a runoff recharge basin. Approximately 28 trees in excess of 4" dbh have been identified for removal. Our goal is to limit tree removal to the greatest extent feasible and the estimated number may be reduced. Species present include *robinia pseudoacacia* (black locust), *acer platanoides* (Norway maple), *betula alleghaniensis* (yellow birch), *prunus serotina* (black cherry), and *tsuga Canadensis* (eastern hemlock). **(See Supporting Photos appendix).**

Excavation/Grading

The current approach to the rail trail via the "goat path" is over steepened and heavily eroded. It has not only led to the current erosion issues, but also presents serious safety concerns. The goal of this project is to address both of these concerns by reducing the slope using a cut and fill technique. This Town of Williamsburg Highway Department will re-grade approximately 70 feet of the rail trail on its approach to the "goat path" dismount. This will lower the elevation of the intersection of the rail trail and goat path by 6 ft. Some of the material removed will be used as fill to reduce the grade on the lower portion of the dismount and relocate the path further from the river bank. Additionally, some of the excavated fill will be used to create the shallow berms of a small runoff recharge basin. Any excess material will be removed from the site by the Highway Department.

Following grading and an assessment of the condition of the native soil conditions, a layer of up to 6" of crushed stone base will be added to the trail. This will then be topped by 4" of rolled asphalt. Due to the steepness of the slope and the nature of the existing soils, it was decided that asphalt would provide the best surface for both safety and erosion control.

Drainage

A drain will be installed at the intersection between the rail trail and dismount to capture any runoff related to the short paved section of trail and due to the changes in slope. The trail will be pitched to maximize the effectiveness of the drain. A 12" culvert

will be installed under the path connecting the drain to a daylighting elevation shown on the attached proposed plan.

The watershed area contributing to the proposed sedimentation basin is 0.75 acres. The longest path for runoff from the top of the hill down to the basin is 200 feet through a hilly, covered forest with sand and gravel base and a deep water table. A runoff coefficient of 0.06 has been used in calculations for heavy woods with well drained sand and gravel in this region. A 300 square foot runoff recharge area will be constructed with shallow berms to capture any runoff and allow for percolation. The basin has been designed using a 10-year design storm, which has a 1-hour intensity of 1.4 in/hr and a 24-hour intensity of 0.18 in/hr. These two conditions have been considered to size the amount of water flowing to the basin using the Rational Method. A 1-hour storm would result in 1680 gallons toward the basin. A 24-hour storm would yield 5240 gallons in 24 hours period toward the basin. Assuming a percolation rate of 1 inch per hour over the surface area of the basin, 190 gallons per hour would drain, or 4500 gallons per 24-hour storm. This would leave a net total of 740 gallons of water at the end of a 24-hour storm. The volume of the proposed basin is 3300 gallons with an area of 300 square feet, which will be adequate for the storms described. See **Goat Path Interim Dismount Erosion Sedimentation Control** for design details.

Guard Rails

Paradise City Landscapes, in collaboration with the Town of Williamsburg Highway Department will install approximately 240 ft of guard rail along the graded portion of the rail trail and river-side of the dismount trail. The railings will match the appearance and design specifications of those approved for use on the Northampton portion of the rail trail in accordance with all associated state and federal guidelines.

Plantings

Following the completion of construction activities, any disturbed soils adjacent to the trail and within the limits of work will be seeded with native seed mix. An erosion control geo-textile (EroNet SC150 or similar) will be installed on all exposed soils. The following species will be planted in the Fall 2016 or Spring 2017 depending on best practices and weather conditions.

Qty	Item #	Description	Size	Notes
4	4235	Acer rubrum	1.5 gal	red maple
4	4393	Aronia brilliantissima	1.5 gal	red chokeberry
2	5547	Aronia floribunda	1.5 gal	purple chokeberry
2	3280	Betula allegheniensis	2 gal	yellow birch
2	5934	Betula nigra 'Select'	5 gal	black birch
2	2290	Carpinus caroliniana	2 gal	american hornbeam
2	5706	Ilex verticillata	2 gal	winterberry
1	2084	Nyssa sylvatica	3 gal	black tupelo
1	4435	Pinus strobus	2.5 gal	eastern white pine
2	589	Quercus bicolor	1.5 gal	swamp white oak

4	4443	Rhus aromatica 'Gro-lo'	1 gal	fragrant sumac
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The plantings shall be maintained and monitored for two successive growing periods to ensure their success in establishing. Erosion control measures will remain in place and in good condition until the Conservation Commission is satisfied that site stabilization is complete.

Follow up/Next Steps

The Mill River Greenway Committee and the Town of Williamsburg anticipate the life span of the above proposed project to be in the range of 6 to 12 years. This work will address erosion concerns and provide a safe access route for users looking to connect with the Northampton rail trail system. However, the graded slope will still exceed ADA compliance guidelines and will need additional future work to make fully compliant. A complete trail buildout of the Williamsburg section of the rail trail and the associated dismount is anticipated in conjunction with ongoing plans to incorporate a greenway within the next Route 9 reconstruction project.

Related Appendices

- Notice of Intent WPA Form 3
- Dismount Project Topo Map
- Massachusetts Interactive Property Map
- Goat Path Interim Dismount Existing Conditions
- Goat Path Interim Dismount Proposed Construction
- Goat Path Interim Dismount Erosion-Sedimentation Control
- Smith DC Poster
- Supporting Photos



BRP WPA Form 3 - Notice of Intent

Instructions and Supporting Materials

Instructions for Completing Application

WPA Form 3 – Notice of Intent

Please read these instructions for assistance in completing the Notice of Intent application form (WPA Form 3). These instructions cover certain items on the Notice of Intent form that are not self-explanatory.

Purpose of the Notice of Intent (NOI)

To protect the Commonwealth's wetland resources, the Massachusetts Wetlands Protection Act (General Law Chapter 131, Section 40) prohibits the removal, dredging, filling, or altering of wetlands without a permit. To obtain a permit (called an Order of Conditions), a project proponent must submit an application to the Conservation Commission and the Department of Environmental Protection (the Department). The Notice of Intent application provides the Conservation Commission and the Department with a complete and accurate description of the:

- **Site:** including the type and boundaries of resource areas under the Wetlands Protection Act, and
- **Proposed work:** including all measures and designs proposed to meet the performance standards described in the Wetlands Protection Act Regulations, 310 Code of Massachusetts Regulations (CMR) 10.00, for each applicable resource area.

The applicant is responsible for providing the information required for the review of this application to the permit issuing authority (Conservation Commission or the Department). The submittal of a complete and accurate description of the site and project will minimize requests for additional information by the issuing authority that may result in an unnecessary delay in the issuance of an Order of Conditions.

To complete this form, the applicant should refer to the wetlands regulations (310 CMR 10.00), which can be obtained from the Department's web site: <http://www.mass.gov/eea/agencies/massdep/water/regulations/310-cmr-10-00-wetlands-protection-act-regulations.html>. Regulations are available for viewing at public libraries and county law libraries across the state, as well as at the Department's Regional Service Centers (see <http://www.mass.gov/eea/agencies/massdep/about/contacts/> for locations of regional offices and the communities they serve). Regulations also are available for sale from the State House Bookstore in Boston (617-727-2834) and State House Bookstore West in Springfield (413-784-1378).

Requirements for Professional Services

The issuing authority may require that supporting plans and calculations be prepared and stamped by a registered professional engineer (PE) when, in its judgment, the complexity of the proposed work warrants this certification. Examples of information likely to require certification by a PE include: hydraulic and hydrologic calculations; critical elevations and inverts; and drawings for water control structures such as head walls, dams, and retention areas.

The issuing authority also may require that supporting materials be prepared by other professionals including, but not limited to, a registered architect, registered landscape architect, registered land surveyor, registered sanitarian, biologist, environmental scientist, geologist, or hydrologist when the complexity of the proposed work warrants specialized expertise.



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Completing WPA Form 3

Leave the shaded box located at the upper right hand corner of page 1 of NOI blank. This box contains the words: “MassDEP File Number” and “Document Transaction Number”. The MassDEP File Number for this project will be issued to the Conservation Commission by the Department’s regional office. Once issued, all subsequent correspondence on the project should reference the MassDEP file number.

Instructions to Section A: General Information

Item 1. Project Location. The map or plat, parcel, and lot numbers must be included if the lot subject to the NOI does not contain a residence, school, or commercial or industrial establishment, or if the lot is being subdivided.

Electronic filers must click on the button next to Item 1 and use to the GIS locator to identify the project site.

Item 3. Property Owner. If there is more than one property owner, a list of additional property owners should be attached to the Notice of Intent.

Item 5. Total Wetlands Protection Act Fee Paid. Instructions regarding calculations of fees are explained in Section E, below.

Item 6. General Project Description. The applicant should provide a brief description of the project. Describe, and show on accompanying maps and plans, both existing and proposed site conditions, including temporary construction impacts, replication areas, and/or other mitigation measures. Attach maps, plans, and other documents identifying proposed activities and their location relative to the boundaries of each wetland resource area and Buffer Zone (if applicable).

Item 8. Property Recorded at the Registry of Deeds. For Multiple Parcels, additional book and page numbers should be attached to the Notice of Intent.

Instructions to Section B: Buffer Zone and Resource Area Impacts

To determine the size and location of any impacts that a proposed project may have on each wetland resource area, first determine the resource area boundaries.

Item 1. Buffer Zone Only. The **boundary of the buffer zone** is determined by measuring 100 feet horizontally from the outer (landward) boundaries of bordering vegetated wetland, inland or coastal bank, coastal or barrier beach, rocky intertidal shore, salt marsh, and/or coastal dune. See Instructions in Section B, below, to determine the outer boundaries of these resource areas. If you check the Buffer Zone Only box in this section (indicating that the project is entirely in the Buffer Zone), skip the remainder of Section B of the Notice of Intent (Buffer Zone and Resource Area Impacts), and go directly to Section C of the Notice of Intent.

Item 2. The **boundaries of inland resource areas** in Items 2a through f can be determined by reference to the wetlands regulations, subsection (2), “Definitions, Critical Characteristics, and Boundaries,” for each resource area covered under 310 CMR 10.54 - 10.58. The Riverfront Area, listed in Item 1f, also can be a coastal resource area. The width of the Riverfront Area is described in 310 CMR 10.58(2)(a)3, and the methods for determining the Mean Annual High-Water Line (which is the inner boundary) are found in 310 CMR 10.58(2)(a)2 and 10.58(2)(c).

Item 3. The **boundaries of coastal resource areas** (in Items 3a-k) can be determined by reference to 310 CMR 10.25 – 10.35, and to the definitions found in 310 CMR 10.04 and 10.23, and M.G.L. c. 131, § 40. Land Subject to Coastal Storm Flowage is defined in the Wetlands Protection Act (M.G.L. c. 131, § 40); there are no performance standards pertaining to this resource area.



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Once you have identified the resource areas and located the components of the proposed project in each such area, you must indicate on the Notice of Intent the size of the proposed alterations (and proposed replacement areas) in each resource area. **Replacement area standards**, if any, are included in the performance standards for each resource area, discussed in the paragraph below. See also the Department's "Massachusetts Inland Wetland Replication Guidelines", March 2002 (available on MassDEP website at: <http://www.mass.gov/eea/docs/dep/water/laws/i-thru-z/replicat.pdf>).

You must also attach to the Notice of Intent a narrative and any supporting documentation describing how the project will meet all **performance standards** for each of the resource areas altered, including standards requiring consideration of alternative project design or location. The wetland regulations describe the type and extent of work that may be permitted in resource areas, called performance standards. Proposed work must meet these standards.

- **Performance standards for inland resource areas**, including the Riverfront Area (which can be either inland or coastal) are described in the Wetland regulations, subsection 3: "General Performance Standards" for each resource area covered under 310 CMR 10.54 - 58. Among other performance standards, an **alternatives analysis** is required for all projects involving bordering vegetated wetlands as well as those in the Riverfront Areas. Detailed requirements for the evaluation of alternatives to proposed work in Riverfront Areas and bordering vegetated wetlands are described at 310 CMR 10.58(4) and 310 CMR 10.55(4), respectively.
- **Performance standards for coastal resource areas** (excluding Riverfront Area) are described in various subsections within 310 CMR 10.25 – 10.35.
- **Limited Projects** are categories of activities specified in the regulations at 310 CMR 10.24(7) and 10.53(3) – (6), which can proceed at the discretion of the issuing authority without fully meeting the resource area performance standards. **Performance standards for limited projects** are described in the regulations at 310 CMR 10.24(7) and 10.53(3)-(6). An **alternatives analysis** performance standard is required for most limited projects.

Instructions to Section C. Other Applicable Standards and Requirements

Item 1. Rare Wetland Wildlife Habitat. Except for Designated Port Areas, no work (including work in the Buffer Zone) may be permitted in any resource area subject to the Act that would have adverse effects on the habitat of rare, "state-listed" vertebrate or invertebrate animal species.

The most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife is published by the Natural Heritage and Endangered Species Program (NHESP). See: http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm or the *Massachusetts Natural Heritage Atlas*.

If any portion of the proposed project is located in Estimated Habitat of Rare Wildlife as indicated on NHESP maps, the project is subject to the endangered species protection provisions of the Massachusetts Wetlands Protection Act Regulations (310 CMR 10.37, 10.58(4)(b), & 10.59). Projects located within Estimated Habitat are also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18; for exemptions see 321 CMR 10.14). If any portion of the proposed project is located within Estimated Habitat, the applicant must send the Natural Heritage Program, at the following address, a copy of the Notice of Intent by certified mail or priority mail (or otherwise sent in a manner that guarantees delivery within two days), no later than the date of the filing of the Notice of Intent with the Conservation Commission and the Department.

Evidence of mailing to the Natural Heritage Program (such as Certified Mail Receipt or Certificate of Mailing for Priority Mail) must be submitted to the Conservation Commission and the Department's Regional Office along with the Notice of Intent.



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Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581-3336
508.792.7270

To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete the portion of Section D in the NOI entitled: Streamlined Massachusetts Endangered Species Act/Wetlands protection Act Review. **If MESA supplemental information is not included with the NOI, the NHESP will require a separate MESA filing which may take up to 90 days to review.**

Item 2. Coastal Projects. The **mean high water line** in coastal areas is described in the regulatory definitions at 310 CMR 10.23. The definition of **anadromous/catadromous "fish runs"** is found at 310 CMR 10.35(2). If the proposed work is located in either such area, the applicant must send the Massachusetts Division of Marine Fisheries (South Shore (Cohasset to Rhode Island, and the Cape & Islands): Division of Marine Fisheries - Southeast Marine Fisheries Station, Attn: Environmental Reviewer, 1213 Purchase Street – 3rd Floor, New Bedford, MA 02740-6694 or North Shore (Hull to New Hampshire): Division of Marine Fisheries - North Shore Office, Attn: Environmental Reviewer, 30 Emerson Avenue, Gloucester, MA 01930) a copy of the Notice of Intent by certified mail or priority mail (or otherwise sent in a manner that guarantees delivery within two days) no later than the date of the filing of the Notice of Intent with the Conservation Commission and the Department. Evidence of mailing to the Division of Marine Fisheries (such as certified mail receipt or certificate of mailing for priority mail) must be submitted to the Conservation Commission and the Department's Regional Office along with the Notice of Intent.

Item 3. Areas of Critical Environmental Concern. If the project is proposed in one of the communities listed in the last page of these Instructions (also listed at the Department's web site: <http://www.mass.gov/eea/docs/dep/water/approvals/year-thru-alpha/06-thru-d/aceclist.pdf>), the project may be located in an Area of Critical Environmental Concern (ACEC). To confirm whether the project location is in an ACEC, contact the Conservation Commission or the MA Department of Conservation & Recreation (formerly the Department of Environmental Management) ACEC Program at:

251 Causeway St., Suite 600
Boston, MA 02114
617.626.1394

The ACEC Program also may be contacted for additional information or to verify new ACEC designations.

Item 5. Restriction Orders. If any portion of the proposed project is located on a site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131 § 40A) or Coastal Wetlands Restriction Act (M.G.L. c. 130 § 105), attach a copy of the order to the Notice of Intent. To determine if a Wetlands Restriction Order exists for the site, contact the Conservation Commission or the Department's Regional Office (see <http://www.mass.gov/eea/agencies/massdep/about/contacts/>).

Item 6. Stormwater Management. According to MassDEP's Stormwater Regulations (January 2008), certain projects require stormwater management measures. To determine if a project requires stormwater management, consult the Wetland Regulations at 310 CMR 10.05(6) and the Department publications: *Massachusetts Stormwater Management Handbook: Volumes 1, 2, 3*. These documents are available for purchase from the State House Bookstore (617/727-2834) and State House Bookstore West (413/784-1378) and also may be obtained from MassDEP's web site: <http://www.mass.gov/eea/agencies/massdep/water/regulations/massachusetts-stormwater-handbook.html>.



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If stormwater management is required, applicants are required to submit a Stormwater Report with the Notice of Intent to provide stormwater management information for Conservation Commission review consistent with the wetland regulations, 310 CMR 10.05(6)(k)-(q). The Department requires engineers to also complete the Stormwater Report Checklist and Certification to certify that the project conforms to the Stormwater Regulations and meets acceptable engineering standards. For recharge wells, check the Underground Injection Control (UIC) requirements to see if UIC regulation is required at <http://www.mass.gov/eea/agencies/massdep/water/approvals/underground-injection-control-forms.html>.

Instructions to Section D: Additional Information

All information listed in Section D of the Notice of Intent must be provided along with the Notice of Intent when it is filed with the conservation commission and the Department.

Item 2. Plans should be of adequate size, scale, and detail to completely and accurately describe the site, resource area boundaries, and proposed work. The following guidelines are provided to encourage uniformity:

Sheet Size

- Maximum 24" x 36"
- If more than one sheet is required to describe the proposed work, provide an additional sheet indexing all other sheets and showing a general composite of all work proposed within the Buffer Zone and areas subject to protection under the Act.

Scale

- Not more than 1" = 50'
- If plans are reduced, display graphical scales.

Title Block

- Included on all plans
- Located at the lower right hand corner, oriented to be read from the bottom when bound at the left margin
- Include original date plus additional space to reference the title and dates of revised plans.

Item 3. Resource Area Delineation Methodology: Attach documentation of the methodology used to delineate the Bordering Vegetated Wetlands (BVW) boundary (e.g. BVW Field Data Form, Final Order of Resource Area Delineation or other delineation method) as well as methods used to delineate any other resource areas proposed for alteration.

Instructions to Section E: Fees

A wetland application filing fee must accompany the Notice of Intent. The fee is based on the category of the proposed activity (described in 310 CMR 10.03(7)) and the resource area to be impacted by the activity. To calculate the filing fee of the NOI Wetland Fee Transmittal Form from the instructions below.

In summary, the total filing fee for a Notice of Intent that involves more than one activity is determined by adding the fees for each proposed activity. When work is proposed in the Riverfront Area, as well as another resource area or their Buffer Zones, add 50% to the fee for each activity in the Riverfront Area. For activities exclusively within the Riverfront Area, and not within other resource areas or their Buffer Zones, the fee is determined by adding the amounts for each proposed activity. The city/town share of the fee is the first \$25, plus half of the remaining total fee. The state share is half the total fee in excess of \$25.



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Complete pages 1 and 2 of the NOI Wetland Fee Transmittal Form (attached to the NOI) and send them, along with a check for the state share of the filing fee, payable to *the Commonwealth of Massachusetts*, to MassDEP, Box 4062, Boston, MA 02211. Review of the Notice of Intent cannot begin until the fee is received.

Include check number and payor name information on the Notice of Intent to expedite fee payment confirmation.

No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

In addition, a notice of the application must be placed in a local newspaper, and published at least five days prior to the hearing, at the applicant's expense. Contact the Conservation Commission for the municipality where the project is located regarding the procedure for public newspaper notice.

Instructions for Completing the NOI Wetland Fee Transmittal Form

The wetland filing fee should be calculated using the following steps based on a hypothetical project involving two driveway crossings through a Riverfront Area and Bordering Vegetated Wetland and six single family houses in Riverfront Area only.

Step 1/Type of Activity: Review plans and narrative to identify each activity in wetland resource areas and their applicable Buffer Zones. Example: driveway crossing and construction of a single family house.

Step 2/Number of Activities: Determine the number of each activity associated with the project. Example: driveway crossings and 6 single family homes.

Step 3/Individual Activity Fee: List the fee amount for each category of activity (see Category Activities and Fee, below) Example: Driveway crossing is a Category 2(f.) activity and is \$500 each. Construction of a single family house is a Category 2(a.) activity and is \$500 each.

Step 4/Subtotal Activity Fee: Determine the subtotal fee for each type of activity by multiplying the fee for the activity (Step 3) by the number of activities (Step 2). If the activity is within the Riverfront Area as well as another resource area or its Buffer Zone, add 50% to total fee (e.g., multiply the fee by 1.5). If the activity is located in a Riverfront Area only, apply the fee amount for the category without the additional 50%. Example: 2 (driveway crossings in BVW) x \$500 x 1.5 (for riverfront area) = \$1,500; 6 (single family homes) x \$500 = \$3,000.

Step 5/Total Project Fee: Add all the subtotals identified in Step 4 to determine the total fee. Example: \$1,500 + \$3,000 = \$4,500.

Step 6/Fee Payments: The state share of the fee is 50% of any filing fee in excess of \$25 (i.e., the state share can be determined by dividing the total fee in half and subtracting \$12.50); the remaining portion of the fee shall be made to the city or town (i.e., the City/Town share can be determined by dividing the total fee in half and adding \$12.50). Example: City/Town share: \$2,262.50; state share: \$2,237.50.

Category Activities and Fees

Category 1 (Fee for each activity is **\$110**):

a.) work on single family lot; addition, pool, etc.;



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- b.) site work without a house;
- c.) control vegetation;
- d.) resource improvement;
- e.) work on septic system separate from house;
- f.) monitoring well activities minus roadway;
- g.) new agricultural or aquaculture projects.

Category 2 (Fee for each activity is **\$500**)

- a.) construction of single family house;
- b.) parking lot;
- c.) beach nourishment;
- d.) electric generating facility activities;
- e.) inland limited projects minus road crossings and agriculture;
- f.) each crossing for driveway to single family house;
- g.) each project source (storm drain) discharge;
- h.) control vegetation in development;
- i.) water level variations;
- j.) any other activity not in Category 1, 3, 4, 5 or 6;
- k.) water supply exploration.

Category 3 (Fee for each activity is **\$1,050**)

- a.) site preparation (for development) beyond Notice of Intent scope;
- b.) each building (for development) including site;
- c.) road construction not crossing or driveway;
- d.) hazardous cleanup;
- e.) water supply development.

Category 4 (Fee for each activity is **\$1,450**):

- a.) each crossing for development or commercial road;
- b.) dam, sluiceway, tidegate (safety) work;
- c.) landfills operation/closures;
- d.) sand and gravel operations;
- e.) railroad line construction;
- f.) bridge;
- g.) hazardous waste alterations to resource areas;
- h.) dredging;
- i.) package treatment plant and discharge;
- j.) airport tree clearing;
- k.) oil and/or hazardous material release response actions.

Category 5 (Fee is **\$4 per linear foot**; total fee not less than \$100 or more than \$2,000):

- a.) work on docks, piers, revetments, dikes, etc. (coastal or inland).

Category 6 (Fee is **\$2 per linear foot for each resource area**): **For each resource area delineation, the fee shall not** exceed \$200 for activities associated with a single family house or \$2,000 for all other activities).



Massachusetts Department of Environmental Protection
Bureau of Resource Protection – Wetlands & Waterways

BRP WPA Form 3 - Notice of Intent

Instructions and Supporting Materials

Instructions to Section F: Signatures and Submittal Requirements

Signatures and Submittal Requirements. Follow the filing instructions in Section F of the Notice of Intent. For additional filing requirements, see Section D of these instructions, above. The original Notice of Intent and a copy must be sent, by certified mail or hand delivery, to the Conservation Commission. At the same time the original Notice of Intent is submitted to the commission, one copy of the Notice of Intent must be sent to the appropriate MassDEP Regional Office (see <http://www.mass.gov/eea/agencies/massdep/about/contacts/>) by certified mail or hand delivery. Failure by the applicant to send the copies in a timely manner may result in dismissal of the Notice of Intent application.

Mail transmittal forms and MassDEP payments, payable to:

Commonwealth of Massachusetts
Department of Environmental Protection
Box 4062
Boston, MA 02211



Massachusetts Department of Environmental Protection
Bureau of Resource Protection – Wetlands & Waterways

BRP WPA Form 3 - Notice of Intent

Instructions and Supporting Materials

TOWNS WITH ACECs WITHIN THEIR BOUNDARIES

Town	ACEC NAME	Town	ACEC NAME
Ashby	Squannassit	Lunenburg	Squannassit
Ayer	Petapawag and Squannassit	Lynn	Rumney Marshes
Barnstable	Sandy Neck/Barnstable Harbor	Mansfield	Canoe River Aquifer
Bolton	Central Nashua River Valley	Mashpee	Waquoit Bay
Boston	Rumney Marshes	Melrose	Golden Hills
	Fowl Meadow and Ponkapoag Bog	Milton	Fowl Meadow and Ponkapoag Bog
	Neponset River Estuary		Neponset River Estuary
Bourne	Pocasset River	Mt Washington	Karner Brook Watershed,
	Herring River Watershed		Schenob Brook
	Bourne Back River	Newbury	Parker River/Essex Bay
Braintree	Cranberry Brook Watershed	Norton	Hockomock Swamp
Brewster	Pleasant Bay, Inner Cape Cod Bay		Canoe River Aquifer
Bridgewater	Hockomock Swamp	Norwood	Fowl Meadow and Ponkapoag Bog
Canton	Fowl Meadow and Ponkapoag Bog	Orleans	Inner Cape Cod Bay, Pleasant Bay
Chatham	Pleasant Bay	Pepperell	Petapawag and Squannassit
Cohasset	Weir River	Peru	Hinsdale Flats Watershed
Dalton	Hinsdale Flats Watershed	Plymouth	Herring River Watershed,
Dedham	Fowl Meadow and Ponkapoag Bog		Ellisville Harbor
Dunstable	Petapawag	Quincy	Neponset River Estuary
Eastham	Inner Cape Cod Bay	Randolph	Fowl Meadow and Ponkapoag Bog
	Wellfleet Harbor	Raynham	Hockomock Swamp
Easton	Canoe River Aquifer	Revere	Rumney Marshes
	Hockomock Swamp	Rowley	Parker River/Essex Bay
Egremont	Karner Brook Watershed	Sandwich	Sandy Neck/Barnstable Harbor
Essex	Parker River/Essex Bay	Saugus	Rumney Marshes, Golden Hills
Falmouth	Waquoit Bay	Sharon	Canoe River Aquifer
Foxborough	Canoe River Aquifer		Fowl Meadow and Ponkapoag Bog
Gloucester	Parker River/Essex Bay	Sheffield	Schenob Brook
Groton	Petapawag and Squannassit	Shirley	Squannassit
Grafton	Miscoe-Warren-Whitehall Watersheds	Stockbridge	Kampoosa Bog Drainage Basin
Harvard	Central Nashua River Valley	Taunton	Hockomock Swamp, Canoe River Aquifer
	Squannassit	Townsend	Squannassit
Harwich	Pleasant Bay	Truro	Wellfleet Harbor
Hingham	Weir River, Weymouth Back River	Tyngsborough	Petapawag
Hinsdale	Hinsdale Flats Watershed	Upton	Miscoe-Warren-Whitehall Watersheds
Holbrook	Cranberry Brook Watershed	Wakefield	Golden Hills
Hopkinton	Westborough Cedar Swamp	Washington	Hinsdale Flats Watershed
	Miscoe-Warren-Whitehall Watersheds	Wellfleet	Wellfleet Harbor
Hull	Weir River	W Bridgewater	Hockomock Swamp
Ipswich	Parker River/Essex Bay	Westborough	Westborough Cedar Swamp
Lancaster	Central Nashua River Valley	Westwood	Fowl Meadow and Ponkapoag Bog
	Squannassit	Weymouth	Weymouth Back River
Lee	Kampoosa Bog Drainage Basin	Winthrop	Rumney Marshes
Leominster	Central Nashua River Valley		



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Williamsburg

City/Town

Important:

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

26B Fairfield Ave/45 South Main Street

a. Street Address

Haydenville

b. City/Town

01039

c. Zip Code

42.368836

d. Latitude

-72.701385

e. Longitude

Latitude and Longitude:

Lot 29 Plan Book 17, Page 69

f. Assessors Map/Plat Number

340011K000001652, 340011K000002620

g. Parcel /Lot Number

2. Applicant:

Town of Williamsburg

a. First Name

b. Last Name

c. Organization

141 Main St., P.O. Box 447

d. Street Address

Haydenville

MA

f. State

01039

g. Zip Code

e. City/Town

413-268-8400

h. Phone Number

413-268-8409

i. Fax Number

gimmerma@smith.edu

j. Email Address

3. Property owner (required if different from applicant): ☐ Check if more than one owner

a. First Name

b. Last Name

c. Organization

d. Street Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email address

4. Representative (if any):

Joe

a. First Name

Rogers

b. Last Name

Mill River Greenway Committee

c. Company

34 Nash Hill Road

d. Street Address

Williamsburg

MA

f. State

01096

g. Zip Code

e. City/Town

413-218-2959

h. Phone Number

i. Fax Number

geojoerogers@yahoo.com

j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

Exempt

a. Total Fee Paid

Exempt

b. State Fee Paid

Exempt

c. City/Town Fee Paid



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Williamsburg

City/Town

A. General Information (continued)

6. General Project Description:

Re-grading and drainage improvements to Williamsburg rail trail and dismount to address erosion concerns while increasing accessibility and safety.

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

- | | |
|---|---|
| 1. <input type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Commercial/Industrial | 4. <input type="checkbox"/> Dock/Pier |
| 5. <input type="checkbox"/> Utilities | 6. <input type="checkbox"/> Coastal engineering Structure |
| 7. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) | 8. <input type="checkbox"/> Transportation |
| 9. <input checked="" type="checkbox"/> Other | |

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. ☐ Yes ☒ No If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR 10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

Hampshire

a. County

Book 7994/Book 10329

c. Book

b. Certificate # (if registered land)

Page 185/Page 57

d. Page Number

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

1. ☐ Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
2. ☒ Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Williamsburg
City/Town

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Bank	1. linear feet	2. linear feet
b. <input type="checkbox"/> Bordering Vegetated Wetland	1. square feet	2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet 3. cubic yards dredged	2. square feet

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet 3. cubic feet of flood storage lost	2. square feet 4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet 2. cubic feet of flood storage lost	3. cubic feet replaced

f. ☒ Riverfront Area
1. Name of Waterway (if available) - **specify coastal or inland**
Mill River

2. Width of Riverfront Area (check one):

- ☐ 25 ft. - Designated Densely Developed Areas only
☐ 100 ft. - New agricultural projects only
☒ 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project: **144,000 sq ft**
square feet

4. Proposed alteration of the Riverfront Area:

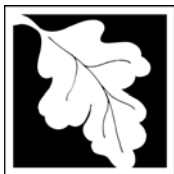
9,300 **9,300**
a. **total square feet** b. **square feet within 100 ft.** c. **square feet between 100 ft. and 200 ft.**

5. Has an alternatives analysis been done and is it attached to this NOI? ☒ Yes ☐ No

6. Was the lot where the activity is proposed created prior to August 1, 1996? ☒ Yes ☐ No

3. ☐ Coastal Resource Areas: (See 310 CMR 10.25-10.35)

Note: for coastal riverfront areas, please complete **Section B.2.f.** above.



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Williamsburg

City/Town

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	1. square feet 2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	1. square feet	2. cubic yards dune nourishment
	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet	
h. <input type="checkbox"/> Salt Marshes	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet 2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above 1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet	

4. ☐ Restoration/Enhancement

If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.

a. square feet of BVW

b. square feet of Salt Marsh

5. ☐ Project Involves Stream Crossings

a. number of new stream crossings

b. number of replacement stream crossings



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

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Williamsburg

City/Town

C. Other Applicable Standards and Requirements

- ☐ This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Notice of Intent – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm.

a. ☒ Yes ☐ No

If yes, include proof of mailing or hand delivery of NOI to:

Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

13th Ed.

b. Date of map

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); OR complete Section C.1.f, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

- c. Submit Supplemental Information for Endangered Species Review*

1. ☒ Percentage/acreage of property to be altered:

(a) within wetland Resource Area 6.4%/0.2 Acres
percentage/acreage

(b) outside Resource Area _____
percentage/acreage

2. ☒ Assessor's Map or right-of-way plan of site

2. ☒ Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

(a) ☒ Project description (including description of impacts outside of wetland resource area & buffer zone)

(b) ☒ Photographs representative of the site

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/>). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

City/Town

C. Other Applicable Standards and Requirements (cont'd)

- (c) ☐ MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_fee_schedule.htm).
Make check payable to "Commonwealth of Massachusetts - NHESP" and **mail to NHESP** at above address

Projects altering 10 or more acres of land, also submit:

- (d) ☐ Vegetation cover type map of site
- (e) ☐ Project plans showing Priority & Estimated Habitat boundaries
- (f) OR Check One of the Following

1. ☐ Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. ☐ Separate MESA review ongoing. a. NHESP Tracking # _____ b. Date submitted to NHESP _____

3. ☐ Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

- a. ☐ Not applicable – project is in inland resource area only b. ☐ Yes ☐ No

If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:

South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694
Email: DMF.EnvReview-South@state.ma.us

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: DMF.EnvReview-North@state.ma.us

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

City/Town

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

C. Other Applicable Standards and Requirements (cont'd)

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
- a. ☐ Yes ☒ No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
- b. ACEC
5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
- a. ☐ Yes ☒ No
6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?
- a. ☐ Yes ☒ No
7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
- a. ☐ Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
1. ☐ Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
 2. ☐ A portion of the site constitutes redevelopment
 3. ☐ Proprietary BMPs are included in the Stormwater Management System.
- b. ☒ No. Check why the project is exempt:
1. ☐ Single-family house
 2. ☐ Emergency road repair
 3. ☐ Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

- ☐ This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. ☐ USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. ☐ Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

City/Town

D. Additional Information (cont'd)

3. ☐ Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.

4. ☐ List the titles and dates for all plans and other materials submitted with this NOI.

a. Plan Title

b. Prepared By

c. Signed and Stamped by

d. Final Revision Date

e. Scale

f. Additional Plan or Document Title

g. Date

5. ☐ If there is more than one property owner, please attach a list of these property owners not listed on this form.
6. ☐ Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
7. ☐ Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
8. ☐ Attach NOI Wetland Fee Transmittal Form
9. ☐ Attach Stormwater Report, if needed.

E. Fees

1. ☐ Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

2. Municipal Check Number

3. Check date

4. State Check Number

5. Check date

6. Payor name on check: First Name

7. Payor name on check: Last Name



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

City/Town

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

1. Signature of Applicant

2. Date

3. Signature of Property Owner (if different)

4. Date

5. Signature of Representative (if any)

6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

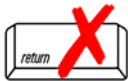
If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Applicant Information

1. Location of Project:

a. Street Address

b. City/Town

c. Check number

d. Fee amount

2. Applicant Mailing Address:

a. First Name

b. Last Name

c. Organization

d. Mailing Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email Address

3. Property Owner (if different):

a. First Name

b. Last Name

c. Organization

d. Mailing Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email Address

B. Fees

Fee should be calculated using the following process & worksheet. ***Please see Instructions before filling out worksheet.***

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee

Step 5/Total Project Fee: _____

Step 6/Fee Payments:

Total Project Fee: _____
a. Total Fee from Step 5

State share of filing Fee: _____
b. 1/2 Total Fee **less** \$12.50

City/Town share of filing Fee: _____
c. 1/2 Total Fee **plus** \$12.50

C. Submittal Requirements

- a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
Box 4062
Boston, MA 02211

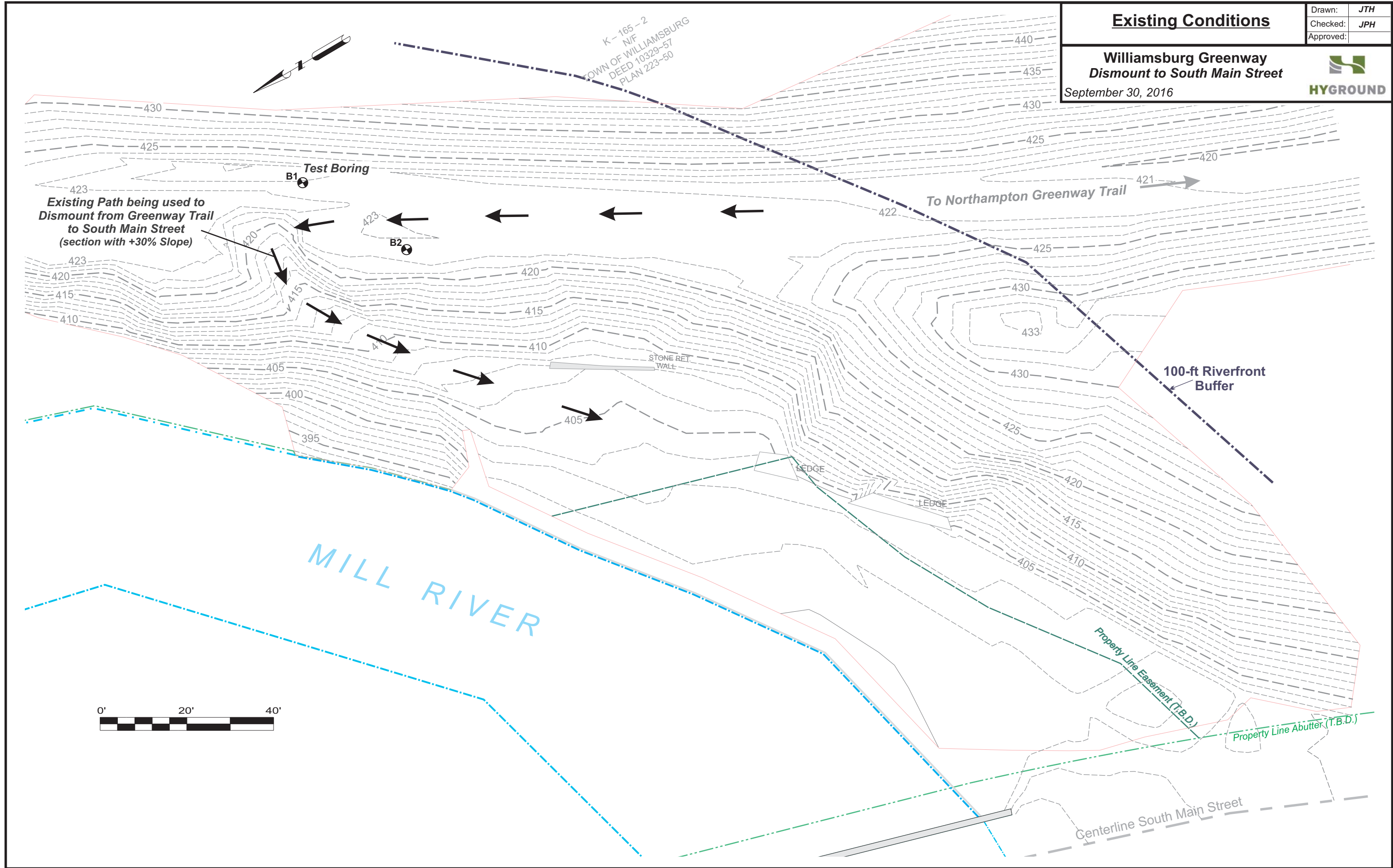
- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

Existing Conditions

Drawn:	JTH
Checked:	JPH
Approved:	

Williamsburg Greenway
Dismount to South Main Street
September 30, 2016



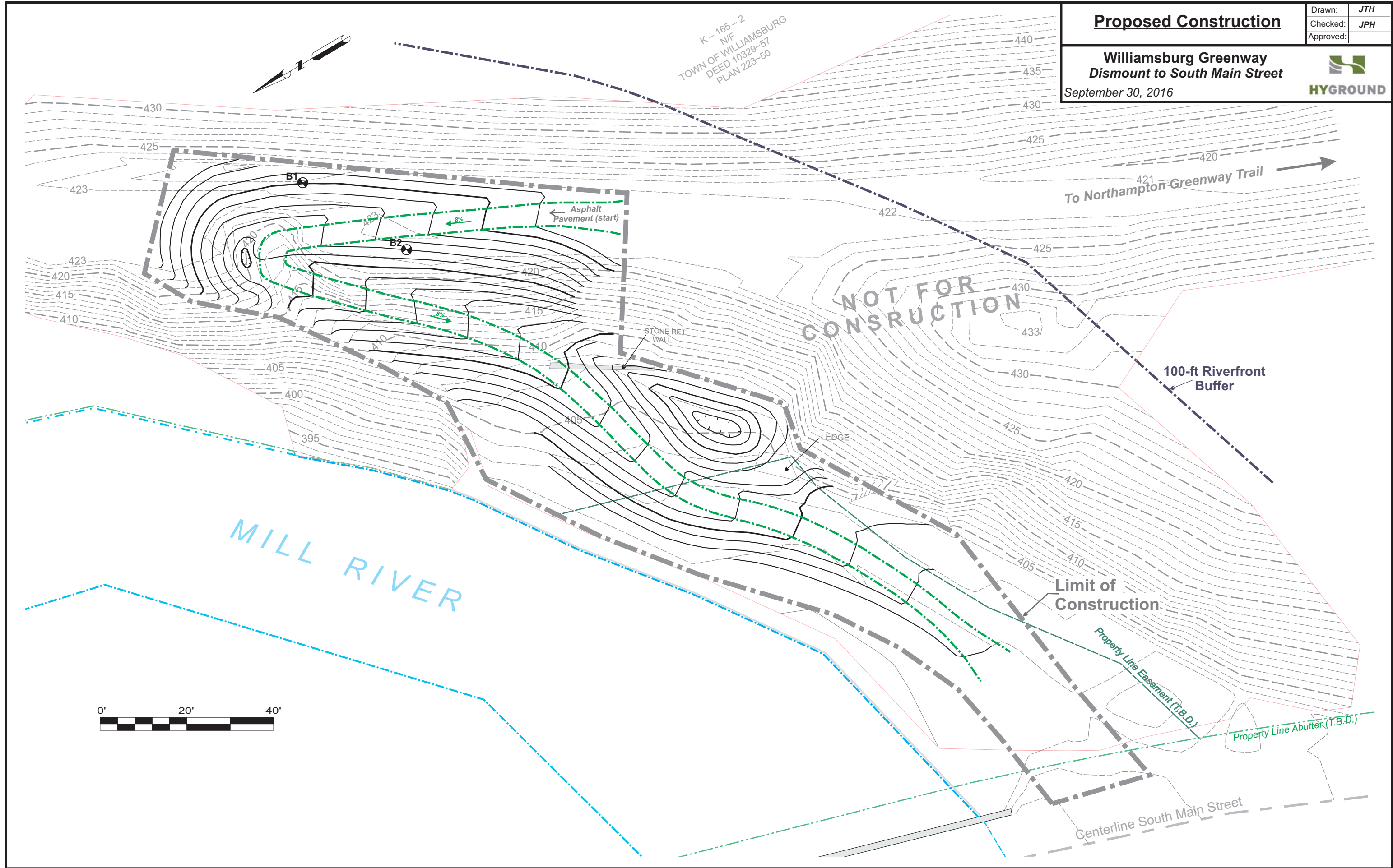
K-165-2
N/F
TOWN OF WILLIAMSBURG
DEED 10329-57
PLAN 223-50

Proposed Construction

Drawn:	JTH
Checked:	JPH
Approved:	

**Williamsburg Greenway
Dismount to South Main Street**

September 30, 2016



E & S Control Plan

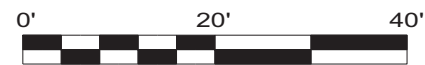
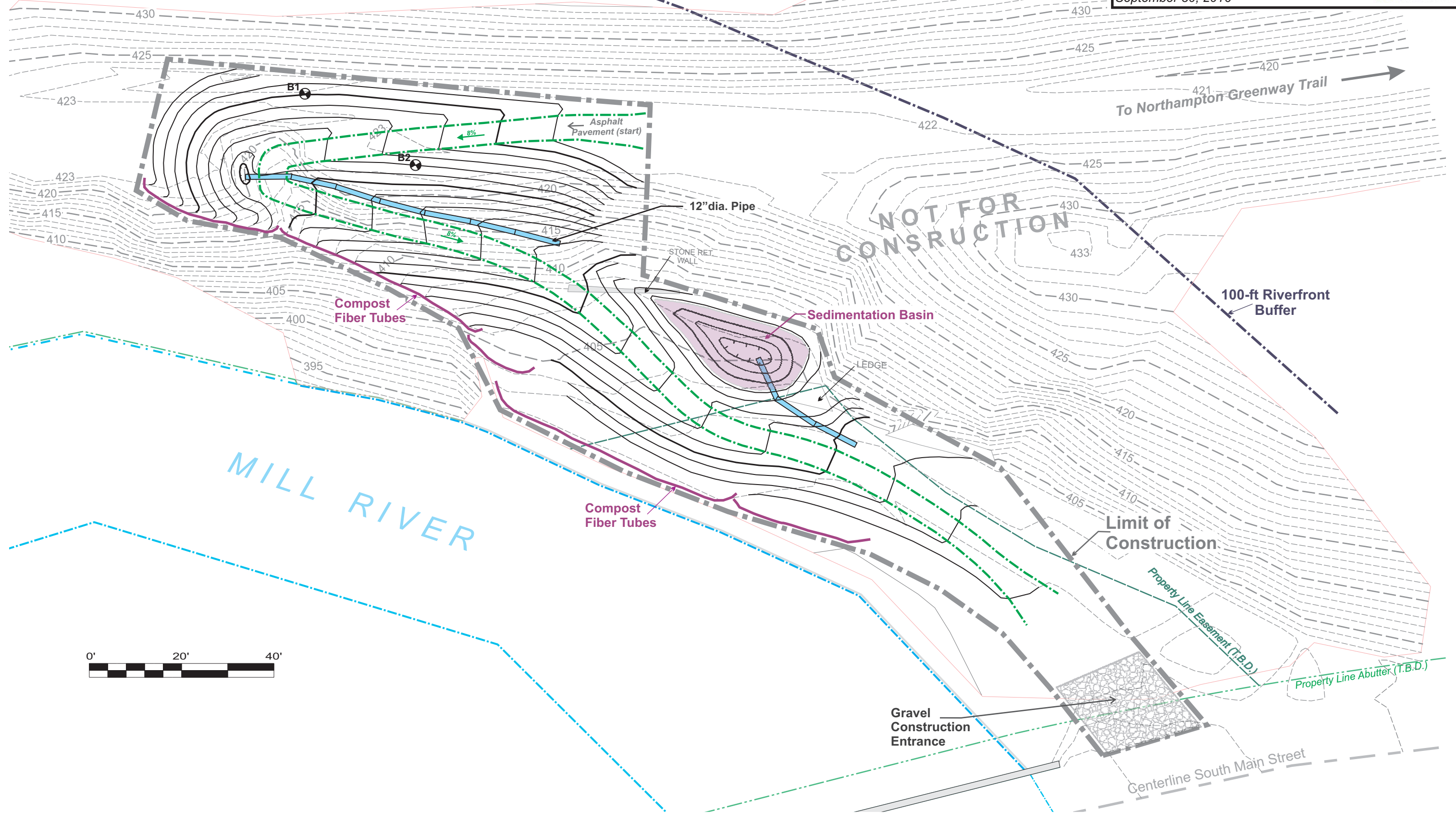
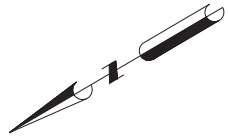
Drawn: JTH
Checked: JPH
Approved:

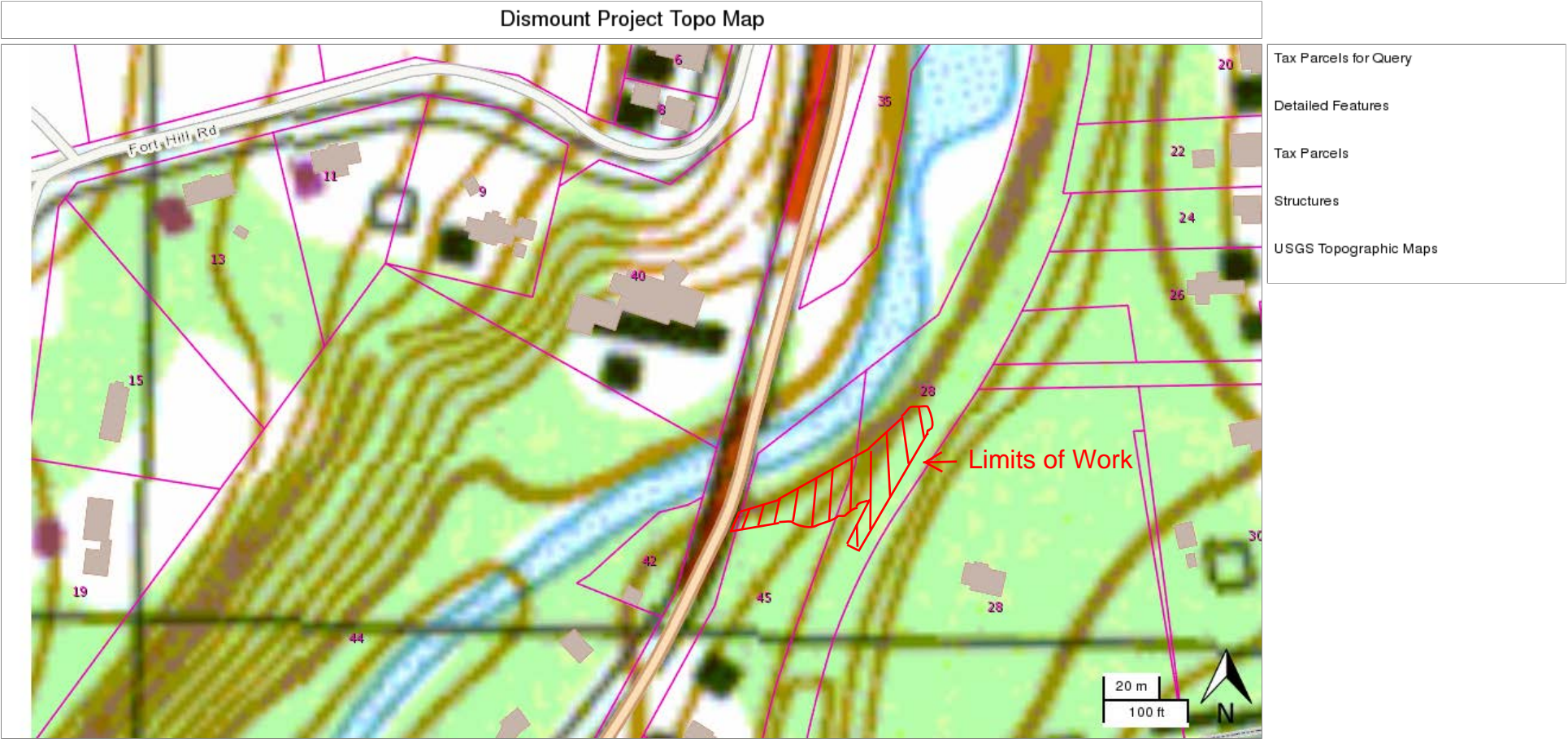
Williamsburg Greenway
Dismount to South Main Street

September 30, 2016



K-165-2
N/F
TOWN OF WILLIAMSBURG
DEED 10329-57
PLAN 223-50





Massachusetts Interactive Property Map

Details

Basem

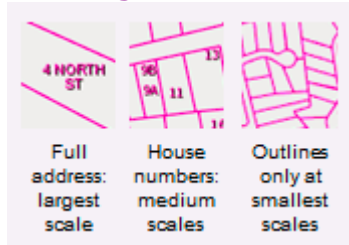
To access parcel information:

- **Enter an address** or **zoom in** by using the +/- tools or your mouse scroll wheel. **Parcels will draw when zoomed in.**
- **Click on a parcel** to display a popup with information about that parcel.

Click the "**Basemap**" button to display background aerial imagery.

[Complete Help](#) (PDF)

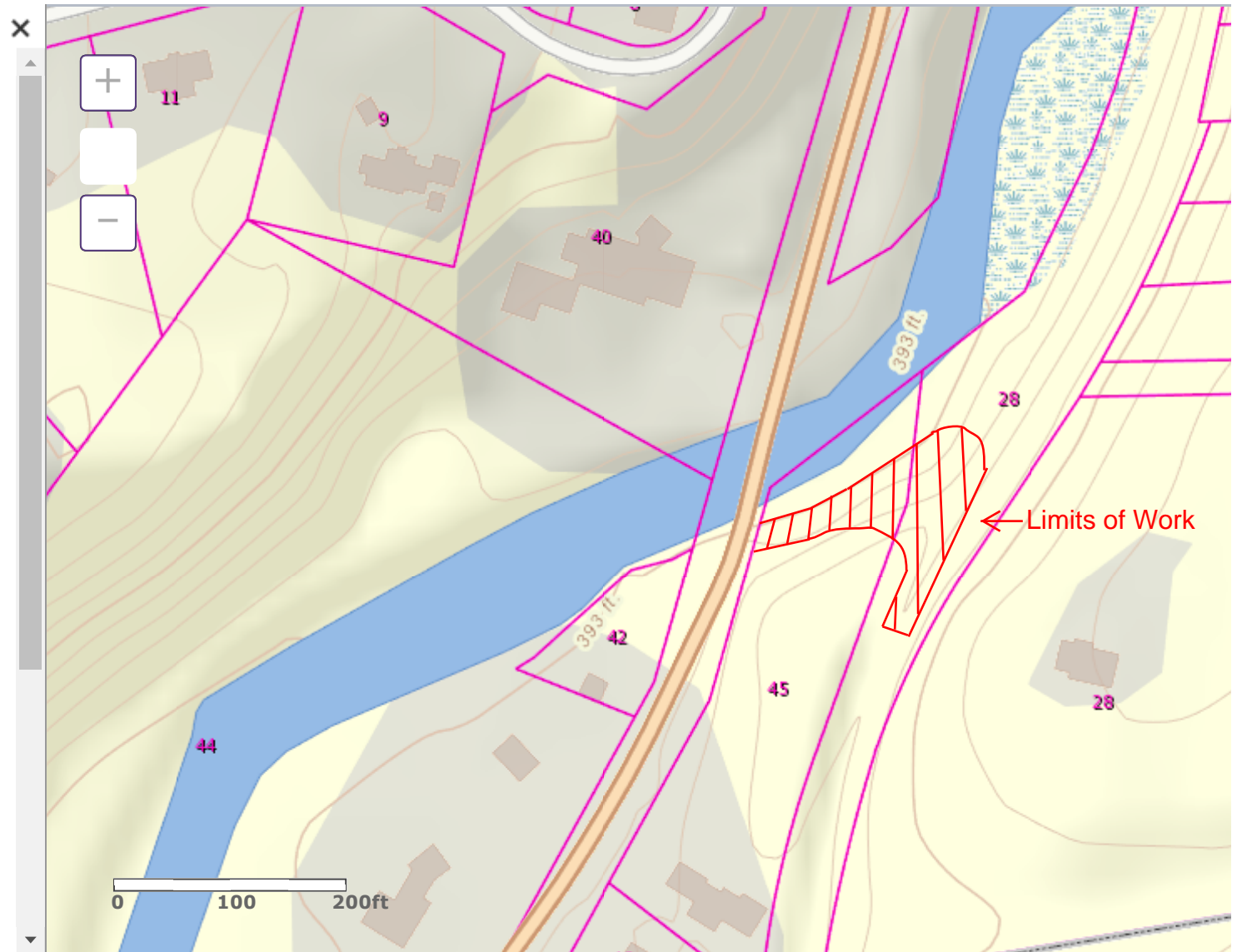
Parcel Legend:



[Full Map Legend](#)

About this Viewer

The map displays land property boundaries from assessor parcel maps across Massachusetts. Parcel information is from local



Supporting Photos



Photo 1: Photo looking north taken from rail trail looking at entrance to “goat path” dismount, Mill River in background on left side of photo. Trail has been eroded and incised.



Photo 2: Photo looking south taken from rail trail looking at entrance to “goat path” dismount, Mill River in background on right side of photo.



Photo 3: Photo looking north taken from rail trail looking toward the dismount.



Photo 4: View of proposed grade change of approximately 6 ft. Rail trail will be regraded from 50 ft south of the man with the red shirt to the location of the photographer.



Photo 5: Photo looking up from trail dismount toward rail trail elevation. The trees in the foreground will need to be removed to complete the re-grading.



Photo 6: Photo looking down bank toward the Mill River from just off the dismount trail. A small gully as formed from runoff coming off the rail trail and the dismount itself. Further erosion will be corrected through the proposed project.



Photo 7: Photo showing current slope and accessibility limitations at the current rail trail dismount.

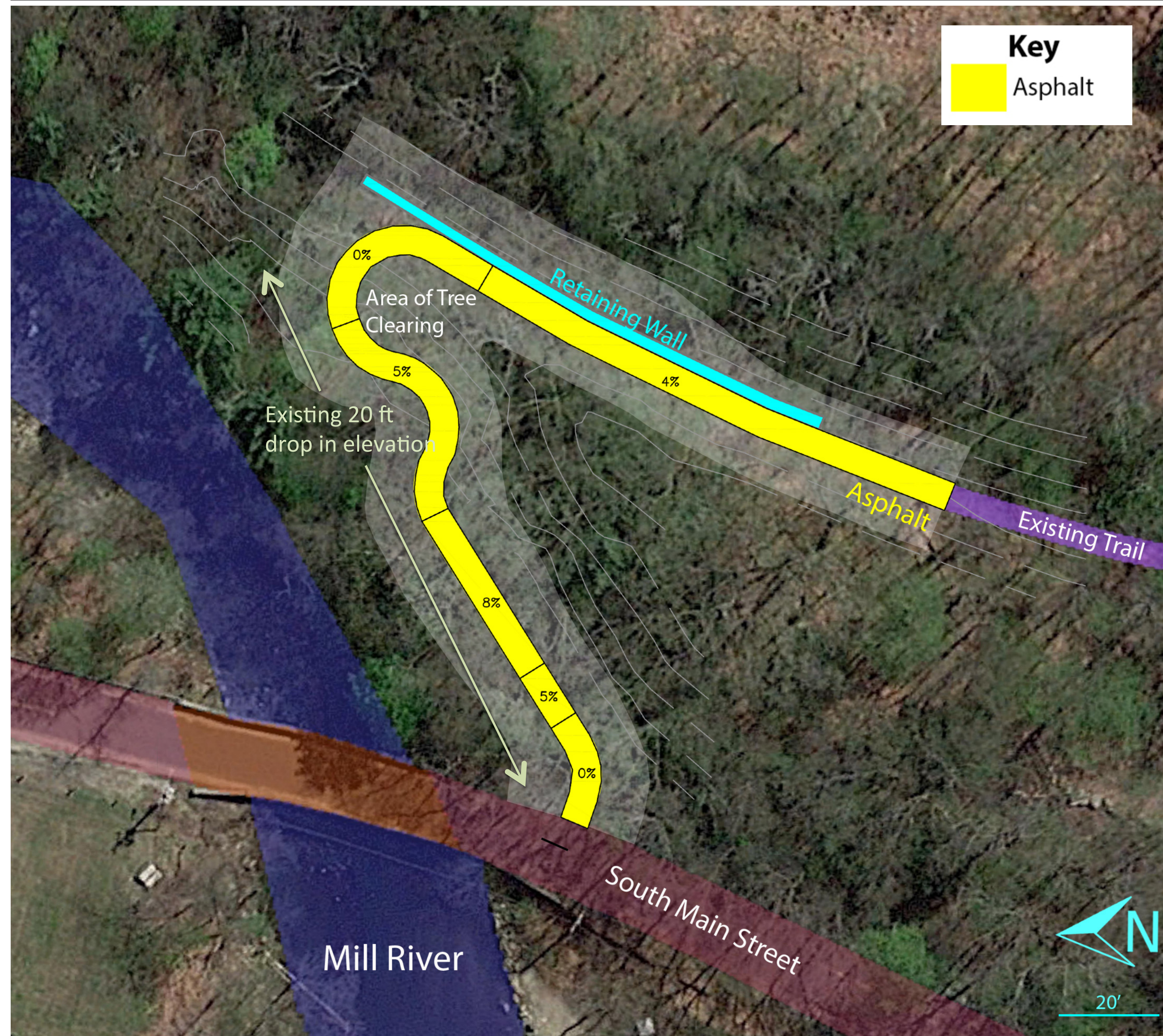


Photo 8: Photo of black locust and Norway maple that will need to be removed at the trail's intersection with South Main Street to allow for vehicle access.



Photo 9: Photo of cluster of trees that will be removed to allow for trail regrading and shifting of the dismount further from the Mill River.

Option 1: Earthwork Design



Design Considerations

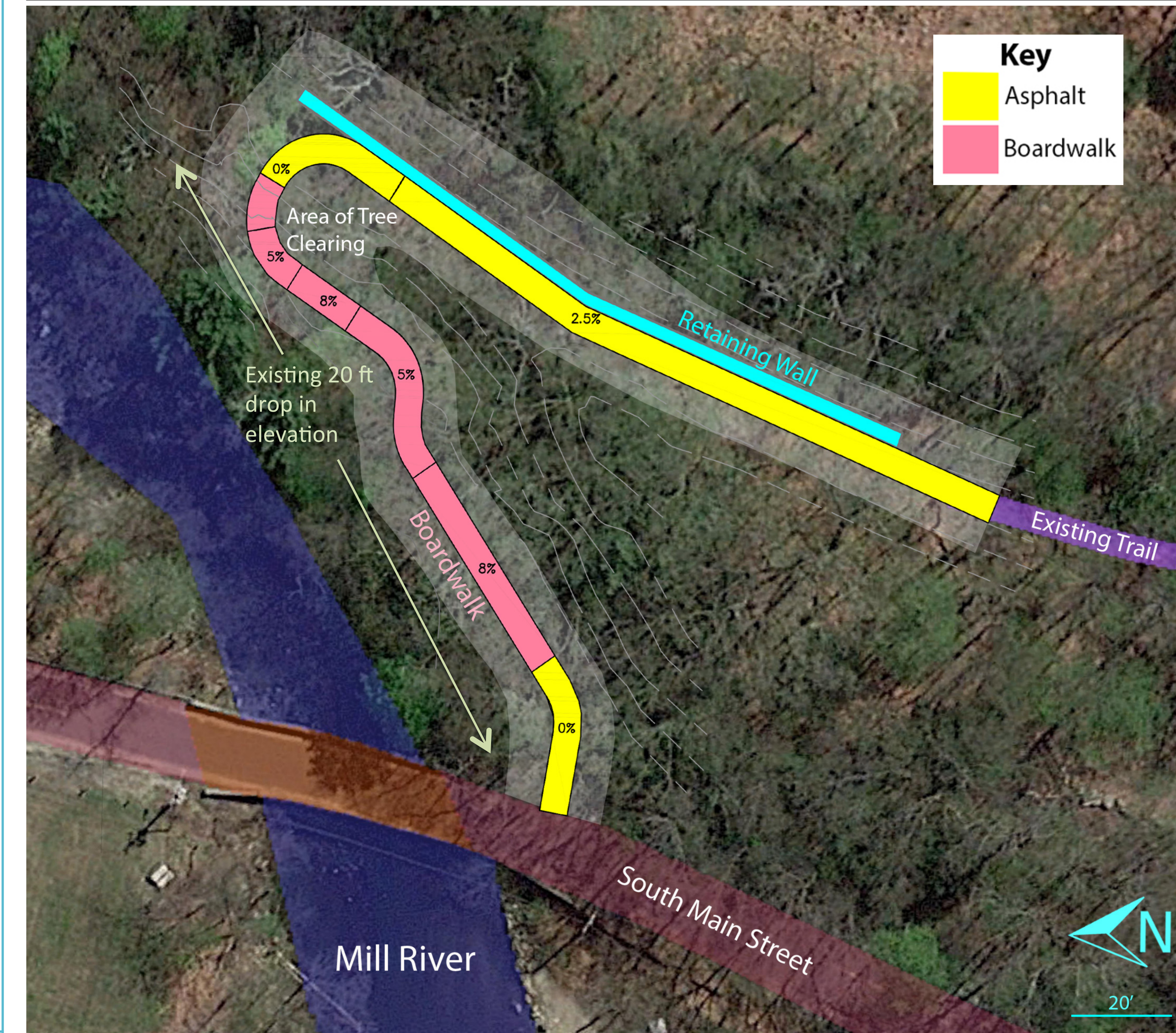
Cost
Safety
Accessibility
Environmental Impact
Sustainable stormwater management
Pickup truck access
Historical Fit
Aesthetic Continuity

Retaining Wall



Both designs require retaining walls up to 9 feet tall similar to this wall in Leeds, MA.

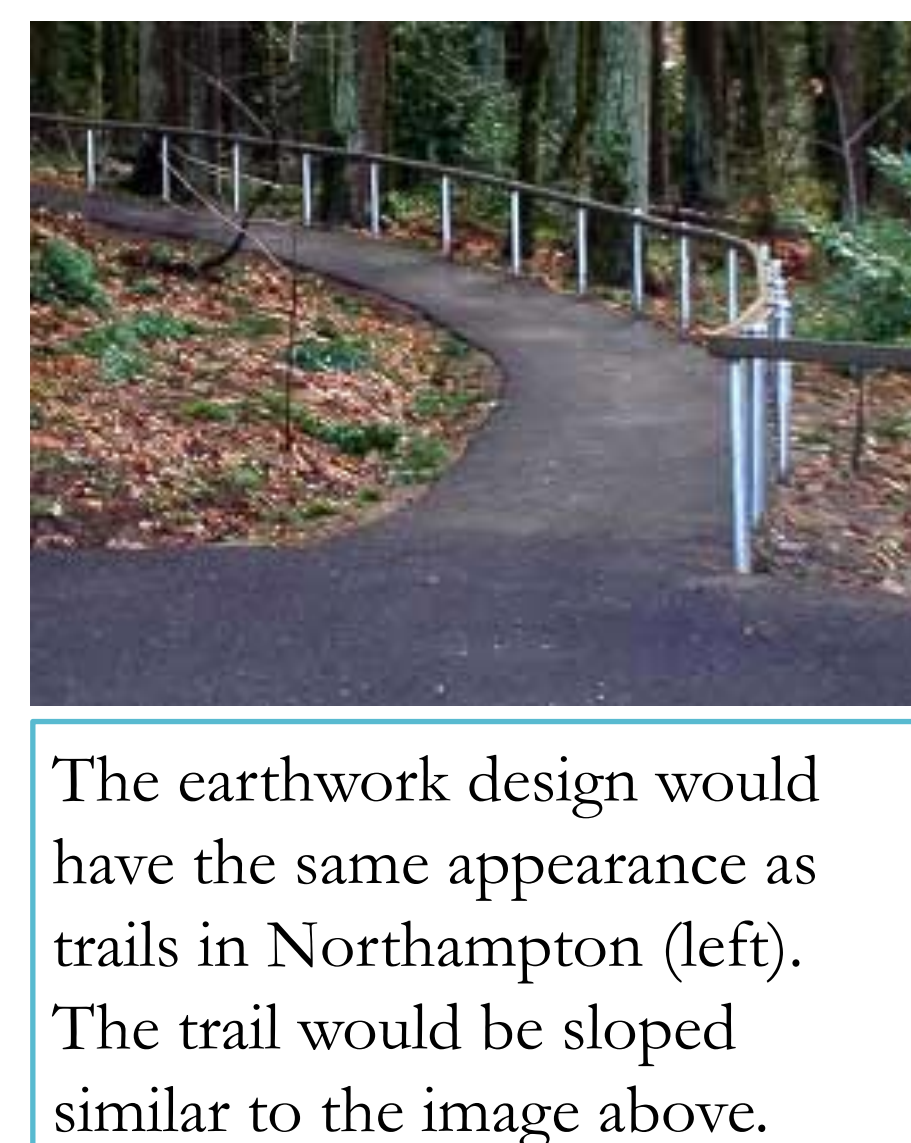
Option 2: Boardwalk Design



- Requires regrading the slope down to the road
- Must be further away from river due to the amount of earthwork



Paved Path



Larger environmental impact

Materials and labor: \$ 590,000
Excavated material: 5600 yards³
Material removed: 4700 yards³
Retaining wall length: 175 feet
Max. retaining wall height: 9 feet
More tree removal needed
Asphalt surface like existing trail
Aesthetics match existing trail
Wood railing

Smaller environmental impact

Materials and labor: \$ 860,000
Excavated material: 1500 yards³
Material removed: 1400 yards³
Retaining wall length: 260 feet
Max. retaining wall height: 9 feet
Less tree removal needed
Concrete surface on boardwalk
Different look from existing trail
Wood railing

- 200 foot boardwalk length
- Concrete surface less slippery than metal, wood, and composites often used on boardwalks
- Supported by shallow footing foundation

