

Application #: 38

1547 - Elizabeth River Trail Larchmont Trailhead

Application Details

Funding Opportunity: 1525-Preservation Trust Fund (PTF) - FY23 - Spring Round
Funding Opportunity Due Date: Mar 7, 2023 5:00 PM
Program Area: Preservation Trust Fund
Status: Submitted
Stage: Final Application

Initial Submit Date: Feb 21, 2023 2:47 PM
Initially Submitted By: Stephen Zurek
Last Submit Date: Mar 6, 2023 3:40 PM
Last Submitted By: Stephen Zurek

Contact Information

Primary Contact Information

Active User*: yes
Type: External User
Name*: Mr. Stephen Zurek
Salutation First Name Middle Name Last Name
Title:
Email*: stephen.zurek@norfolk.gov
Address*: 220 Boush Street

Norfolk Virginia 23510
City State/Province Postal Code/Zip

Phone*: (757) 605-8554 Ext.
Phone
###-###-####
Fax: ###-###-####
Comments:

Organization Information

Status*: Approved
Organization Name*: City of Norfolk
Organization Type*: Local Government
Tax Id: 546001455
Organization Website: <https://www.norfolk.gov/3443/Parks-Recreation>
Address*: 220 Boush Street

Norfolk Virginia 23510-
City State/Province Postal Code/Zip

Phone*: 757-605-8554 Ext.
###-###-####

Fax: ###-###-####

Benefactor:

Vendor ID:

Comments:

PTF Application

Project Information

The project title will be used in public relations and grant documents should funding be awarded.

Is the project title the same as the application title?* Yes

Type of Applicant*: Local Government

Would you like to be considered for any other VOF grant program if eligible?

Other VOF Grant Program*: Yes

Land Protection Plan

Projects may consist of land acquisition, easement acquisition, and/or components critical for public use of the land such as infrastructure and the associated necessary engineering, design, and planning. Land protection is a required deliverable for all projects.

Select the real estate structure that best describes the project*: Land protection of owned parcel(s)

Please name specific land protection partner:

If requesting VOF as holder of real-estate interest, please contact VOF at grants@vof.org before submitting the application. VOF will review request and determine if they are best partner.

Is documentation of land protection partner/method included with this application? N/A

Proposals with a confirmed land protection partner are more competitive.

*:

Project Location

(Latitude/longitude required*, other location info such as street address or tax parcel ID optional)

*See [Google Maps Guide](#) for directions on using Google Maps or contact grants@vof.org to ask for help getting latitude/longitude coordinates.

Project Location*: 36.889880 -76.305662
Latitude (00.00000) Longitude (-00.00000)

Please provide any additional information to help locate the project site.

Other Location Information (such as street address or tax parcel ID): 6525 Hampton Boulevard, Norfolk, VA 23508
Other Location Info

The number of acres indicated below will be required to be protected in perpetuity should the proposal be awarded funding.

Total Acres to Be Protected*: 3.98

A GIS boundary for the property is requested if available.

GIS Boundary of Property/ Project Area Available? (shapefile/geodatabase/KML/KMZ)*: Yes

If uploading shapefile(s), geodatabase, or multiple KML/KMZ files, please upload a single compressed/zip file with all spatial data in it.

If uploading a single KML or KMZ file, please upload the one file directly.

Please Attach: [Libraries.shx](#)

Provide a brief summary of this project in the space below.

Brief Summary*:

This project focuses on establishing the Larchmont Trailhead for the Elizabeth River Trail. The trailhead will include asphalt trail improvements, accessibility improvements, new signage, and a kayak launch.

Project Description

Describe the property, including the existing conditions (size and composition of property, natural resource values, recreational, scenic, and cultural resources, and/or significant landscape features).

Project Description*:

An impassioned effort is underway to re-energize and enhance the entire length of the Elizabeth River Trail with the addition of trailhead access points. This project focuses on Larchmont Trailhead, which includes asphalt trail improvements, accessibility improvements, signage, and a kayak launch for a new water access point to the Lafayette River Trail.

Describe the planned method of land protection for this project (i.e., how the PTF requirement for a conveyance of real estate interest to VOF or a locality will be met)

Land Protection*:

The 3.98 acres is City owned property, which will be dedicated to recreation and open space.

List the proposed goals and objectives of the project.

Goals and Objectives*:

The objective of the Larchmont trailhead is to encourage outdoor recreation by enhancing a starting point for all trail users. Improvements will include upgraded trail surfaces and alignment, accessible routes of travel from the parking area to the trail, implementation of a new kayak launch to encourage the use of blue way trails, and open space improvements for additional recreational opportunities at the library. This effort will reinforce the protection and preservation of open green space around the library.

Is this project part of a larger movement (e.g. Have other projects of a similar nature happened near this one? Is this one of many that are ongoing in this area?)

Part of a Larger Movement*:

The Elizabeth River Trail is an urban bike and pedestrian path providing recreational and educational opportunities as well as an alternate route for commuters. The 10.5-mile trail runs along the waterfront from the Port of Virginia, behind the Larchmont Library, through downtown Norfolk, and east towards Virginia Beach. In partnership with the City of Norfolk, the Elizabeth River Trail Foundation is actively pursuing improvements to the entire trail, along with the addition of 11 trailhead access points. Several other trailheads along the trail are in various stages of planning and development, including the Old Dominion University and Norfolk State University locations. In addition, this project will strengthen improvements and planning efforts for blue way trails which are underway.

How will this area be managed in the future?

Future Management*:

Assets of the Elizabeth River Trail (ERT) are maintained by the City of Norfolk's Departments of General Services, Public Works, and Parks and Recreation. This trailhead will continue to be maintained by the same entities, along with various volunteer efforts such as the ERT's active volunteer corps and trail ambassador program. Recruitment for these programs comes from local scout troops and public schools and universities, and they focus on maintenance, beautification projects, and litter clean ups.

Plan and Policy Alignment

Local Comprehensive Plan or Master Plan*: Yes

Date of Plan: 12/05/2022

Page #: 15

Cut and paste the relevant plan excerpt below or provide the URL if you have one:

Relevant Plan Excerpt:

Per the Parks and Rec Master Plan Assessment, the top priority for investment for facilities and amenities is walking and biking trails, along with kayak and canoe launches ranking at 62.6 percent.

Regional Plan*: Yes

Name of Regional Plan: Hampton Roads Transportation Planning Organization, South Hampton Roads Trail

Date of Plan: 09/01/2020

Page #: 1

Cut and paste the relevant plan excerpt below or provide the URL if you have one:

Relevant Plan Excerpt:

The South Hampton Roads Trail includes the Elizabeth River Trail. <https://www.facebook.com/SouthHamptonRoadsTrail>

Virginia Outdoors Plan*: Yes

Year of Plan: 2018

Page #: 8.5, 8.8

Cut and paste the relevant plan excerpt below or provide the URL if you have one:

Relevant Plan Excerpt:

Identify and close the gaps in the statewide trails system and create linkages between communities and open space.

<https://www.dcr.virginia.gov/recreational-planning/document/vopchapt08.pdf>

Does this project meet stated economic goals of VEDP or another state agency? Examples include land focused economic development (Ag & Forestry Industries, brownfields redevelopment)

VEDP or Another State Agency Plan*: Yes

Year of Plan: 2023

Page #: 1

Cut and paste the relevant plan excerpt below or provide the URL if you have one:

Relevant Plan Excerpt:

In collaboration with the VEDP, the site is located in a Tourism Zone under Norfolk's Economic Location-based incentivized areas.

<https://norfolkdevelopment.com/norfolks-interactive-mapper/>

Additional State Plan (if applicable): Bluegrass to Beaches Trail Plan

Year of Plan: 2015

Cut and paste the relevant plan excerpt below or provide the URL if you have one:

Relevant Plan Excerpt:

https://www.virginiadot.org/programs/beaches_to_bluegrass_conceptual_trail_plan.asp <https://www.dcr.virginia.gov/recreational-planning/trailb2b>

Additional State Plan (if applicable):

Year of Plan: 0

Cut and paste the relevant plan excerpt below or provide the URL if you have one:

Relevant Plan Excerpt:

Does project contribute to coastal resilience?

Coastal Resilience*: Yes

Please provide support documentation (examples would include plan citation, models supporting the project etc.)

Support Documentation:

The City of Norfolk's Resilience Strategy, Goal 1 is to "Design the Coastal Community of the Future". Under this goal, Strategy 3 is to "Create a place where people want to live, work, and play". Norfolk's coastal access is a strong foundation for attracting and retaining residents. In addition to protecting the coastline, Norfolk must strengthen its identity as a vibrant, attractive place for residents and businesses alike.

Does project meet any other state defined policy goals? (Public Drinking Water, Carbon Sequestration, Nutrient Mitigation, Impaired Streams, etc.?)

Other State Defined Policy Goals*: No

Use the space below to briefly describe any other plans that support this project, including relevant excerpts:

Other Plans:

Does this property have undocumented historic or cultural resources?

Historic or Cultural Resources*: No

Project Purpose

Select the purpose that best fits the objectives of the project.

If you are uncertain which best summarizes your project, please contact grants staff (grants@nof.org).

Purpose*: Provide public access

Please select which category best describes the project.

Category: Trail Improvements

Public Access Characteristics

Calendar*: The project site will be open to the public daily (excluding nights/holidays).
Please choose one.

Additional Information:

Parks throughout the City are typically closed between sunset and sunrise.

Area*: 100% of the project site will be open to the public.
Please choose one.

Additional Information:

Larchmont Library is located between the Lafayette River and Hampton Boulevard, one of the busiest thoroughfares in Norfolk.

Accessibility*:

The project site has public parking.,The project site is accessible by foot, bike, scooter, etc. (connected to sidewalk or an existing public park),.The project site is accessible by public transportation.

Select all that apply.

Additional Information:

Water access is an important need for residents of the City of Norfolk, and this site acts as a terminus to the Lafayette River Trail which is approximately 9 miles long. A launch site is needed in the Larchmont area, which will allow paddlers to access 362+ acres of tidal wetlands on calm waters.

Community Description

Describe the community being served by this project.

Describe the importance of this project to the community and address how this project will better serve the community.

Community Description*:

This project will serve all residents of the City of Norfolk. They City's population is approx. 248,416 residents, with an 0.23% average annual growth since 2010, and estimated 254,994 residents by 2035. Median Age is 31, with the largest age segment between 18-34, which is expected to slowly change to 55+ by 2035. Race/ethnicity is 45 percent White, 43 percent Black/African American, and 9 percent Hispanic. Median household income is \$50,260, and per capita income \$27,169. At the time of a 2016 health study, the city of Norfolk had a 31% obesity rate.

<https://www.norfolk.gov/DocumentCenter/View/25298/Norfolk-Community-Health-Status-42816?bidId=>

Describe how the community has been involved in the development of this proposal and/or will be involved in the implementation of this project. Describe how community support is shown for this project.

Community Involvement*:

Since 2018, there have been over 175 public presentations to Civic Leagues, Universities, Business Associations, Environmental Associations, Clubs and Recreational groups regarding the 11 planned trailheads for the ERT. Each Trailhead has received enthusiastic support.

How does this project address a specific need in the community or provide a unique service to the community?

Community Need/Service*:

As mentioned above, trails are the top recreational investment priority for the Norfolk community, and access to water is highly desired due to limited public access in this area.

If yes, please describe what type of public access might be considered below.

Please Describe*:

Is the property an active, working farm?*

Describe Activity*:

Does the property have, or has the owner begun the process of obtaining, a farm management plan that specifies Best Management Practices (BMPs) that will be implemented in the daily operation of the farm?

Farm Management Plan*:

Please list the type of farm management plans that will be followed (examples include conservation plan, nutrient management plan, resource management plan, etc.).

Type of Plans*:

Have Best Management Practices (BMPs) been implemented on the farm?

BMPs Implemented*:

Describe what practices are being utilized on the farm.

Describe Practices*:

Is the property in active timber production?

*:

Describe Activity*:

Does the property have, or has the owner begun the process of obtaining a written forest stewardship management plan?

Forest Stewardship Management Plan*:

Has the property been recognized by any programs or received any special designations? (Examples include clean water farm award, grand basin winner)

Property Recognized*:

Please List*:

Has the property been recognized as a Virginia Century or Bicentennial Farm?

Virginia Century or Bicentennial Farm*:

Additional Information:

Has the property been recognized as a Virginia Century Forest?

Virginia Century Forest*:

Additional Information:

Partnerships

Partners	Type of Support/Involvement
Elizabeth River Trail Foundation	Non-profit responsible for master planning, fundraising and activating the trail.

Funding

While the budget section of this application must be completed, which includes documentation of any matching funds, please use the space below to describe any details about the budget or funding that could not be captured in a chart format.

How Will Funds be Budgeted*:

Funds will be budgeted through the following project stages: 1. Complete design process 2. Permitting and approvals 3. Procurement 4. Mobilization 5. Construction 6. Project close-out

Explain if the grant funding is a key component to getting the project started or completed.

Grant Funding*:

Grant funding is a key component of project implementation. The City's Capital Improvement Plan funding is not currently available, and the Elizabeth River Trails Foundation's funding is currently being directed toward eastern expansion of the trail.

Address how reduced funding would impact the scope of the project. Please address viability and scope at 75% and 50% of the requested funding.

Reduced Funding*:

If reduced funding needs to be considered, implementation of the project will require phasing. The first phase would most likely include installation of the kayak launch and access path. The second phase would most likely include implementation of the remaining trailhead improvements and would require supplemental funding. A potential source of supplemental funding could be included in a future Capital Improvement Plan from the City, or from the Elizabeth River Trail Foundation, if available.

Additional Information

Is there additional information to be shared about this project?* No

Estimated Timeline/Plan of Work

Estimated Timeline/Plan of Work

Start Date	Completion Date	Activity	Status	Responsible Party
10/01/2020	01/04/2021	Preliminary plans completed	Completed	Elizabeth River Trail Foundation / consultant
02/02/2023	03/07/2023	Grant applicaton	Completed	City of Norfolk, Department of Parks and Recreation
07/05/2023	07/05/2023	Award of grant and continuation of project	Not yet started	City of Norfolk, Department of Parks and Recreation
07/05/2023	10/02/2023	Complete plans and request proposals for construction from a current Public Works IDQ contractor	Not yet started	City of Norfolk, Departments of Parks and Recreation and Public Works
08/07/2023	10/02/2023	Apply for permits	Not yet started	City of Norfolk, Department of Parks and Recreation
08/07/2023	12/04/2023	Begin procurement process for the kayak launch	Not yet started	City of Norfolk, Departments of Parks and Recreation
11/01/2023	12/04/2023	Award contract for construction	Not yet started	City of Norfolk, Department of Parks and Recreation and Public Works
01/03/2024	07/10/2024	Construction duration	Not yet started	City of Norfolk, Department of Parks and Recreation and Public Works
07/11/2024	08/05/2024	Project acceptance process with VOF, submit final report	Not yet started	City of Norfolk, Departments of Parks and Recreation

Budget

Budget

Item	Expense Estimated or Actual Cost?
Trailhead improvements	\$404,625.00 Estimated
	\$404,625.00

Other Fund Sources

Match Source	If other, please list	If Grant Program, please list Grant Funding Source Name	Funding Status	If requested, please list the anticipated award date	Match Type	If other, please list	Planned Use	Match Amount
No Data for Table								

Budget Summary

Total Requested Amount:	\$404,625.00
Total Match Amount:	\$0.00
Total Project Cost:	\$404,625.00
Match Percentage:	0.00%

Supplemental Material

Required Supplemental Material

Named Attachment	Required	Description	File Name	Type	Size	Upload Date
Aerial photograph with property boundary shown	✓	Aerial view Larchmont Library	Aerial view Larchmont Library.pdf	pdf	11 MB	03/06/2023 03:03 PM
Locality tax map with parcel highlighted	✓	Larchmont Library Property Record Card	Larchmont Library Record Card City of Norfolk - NORFOLK AIR.pdf	pdf	484 KB	03/06/2023 03:32 PM
Photographs showcasing the property, community, or project	✓	Photographs of existing conditions at Larchmont Library	Photos of ERT Larchmont Library.pdf	pdf	548 KB	03/06/2023 02:29 PM

Optional Supplemental Material

Description	File Name	Type	Size	Upload Date
Cost Estimate	ERT Larchmont Trailhead Cost Estimate.pdf	pdf	375 KB	03/06/2023 02:29 PM
Elizabeth River Trail Overview Map	ERT Overview Map.pdf	pdf	4 MB	03/06/2023 03:07 PM
ERT Larchmont Trailhead Proposed Plans	ERT Larchmont Trailhead Plans.pdf	pdf	5 MB	03/06/2023 03:38 PM
Existing kayak launch sites in the City	Kayak-Launch-sites_202205091048460329.pdf	pdf	564 KB	03/06/2023 02:29 PM
Letter of Support from Elizabeth River Trail Foundation	VA Outdoors Foundation Grant Letter of Support.pdf	pdf	54 KB	03/06/2023 02:29 PM
Norfolk Water Access and Waterway Trails Map	Norfolk Water Access and Waterway Trails Map.pdf	pdf	13 MB	03/06/2023 03:14 PM
South Hampton Roads Trail map	vb-trail-south-hampton-roads-trail.pdf	pdf	1 MB	03/06/2023 02:29 PM



City of Norfolk - NORFOLK AIR

Tax Account: 80342415
 6525 HAMPTON BOULEVARD

Total Value
 \$3,788,000

REAL ESTATE

PROPERTY DETAIL

Account Number	80342415
GPIN	1429448978
Parent Account	-
Neighborhood	140390
Owner Name	City Of Norfolk
Property Address	6525 HAMPTON BOULEVARD
Property Use	Norfolk Libraries
Building(s)	C01
Plate	0463
House Plate Number	57
Mailing Address	810 Union St Rm 900 Norfolk VA 23510-2717
Legal Description	Larchmont Public Library, Lots 1-6 & 23-27 Blk 2, Larchmont
Parcel Approximate Area (Sq Ft)	173,569 sqft
Parcel Approximate Acreage	3.9846 acres

Account Number	80342415
GPIN	1429448978
Parent Account	-
Neighborhood	140390
Owner Name	City Of Norfolk
Property Address	6525 HAMPTON BOULEVARD
Property Use	Norfolk Libraries
Building(s)	C01
Plate	0463
House Plate Number	60
Mailing Address	810 Union St Rm 900 Norfolk VA 23510-2717
Legal Description	Larchmont Public Library, Lots 1-6 & 23-27 Blk 2, Larchmont
Parcel Approximate Area (Sq Ft)	173,569 sqft
Parcel Approximate Acreage	3.9846 acres

Please note that Districts have been updated based on the 2020 census. Your District may be different in upcoming elections. Please visit the [Future Election District Dashboard](#) to view your new district.

Polling

Precinct Number/Name: 208/Larchmont Library
Polling Location: Larchmont Branch Library
Polling Address: 6525 Hampton Boulevard

Ward/Superward

Ward / Representative: 2 / Courtney Doyle
Website: [Go to Website](#)
Superward/Representative: 6 / Andria P McClellan
Website: [Go to Website](#)

VA House of Delegates

District / Representative: 89 / Jackie Hope Glass
Phone Number: (804) 698-1089
Email: DelJGlass@house.virginia.gov
Website: [Go to Website](#)

VA Senate

District / Representative: 6 / Lynwood Lewis
Phone Number: (757) 787-1094
Email: district06@senate.virginia.gov
Website: [Go to Website](#)

US House of Representatives

District / Representative: 3 / Robert C Scott
Phone Number: (202) 225-8351
Website: [Go to Website](#)

Civic League

Civic League: Larchmont/ Edgewater
President: Nate Kinnison
Email: leclwebmaster@gmail.com
Meeting Location: Larchmont United Methodist Church
Meeting Time / Frequency: 7:00 pm / Bi-monthly, 3rd Thursday

For more information, contact the City of Norfolk Office of Elections
 Phone: 757-664-4353
 Hours: Monday through Friday 8:30 a.m. to 5:00 p.m.
<https://www.norfolk.gov/706/Office-of-Elections>

BUILDING PERMITS

The Building Permits list is limited to a maximum of 10 items displayed.
 For more Building Permits information, please visit:
[NorfolkOpenData](#)

No building permits to display.

CODE ENFORCEMENT CASES

No code enforcements to display.

SPECIAL PROGRAMS

No special programs to display.



LARCHMONT LIBRARY – EXISTING CONDITIONS



Looking south from library driveway onto Hampton Blvd.



Looking west from Hampton Blvd. into library parking lot



Elizabeth River Trailhead destination at the Larchmont Library



View of the Elizabeth River Trail entering Larchmont library property



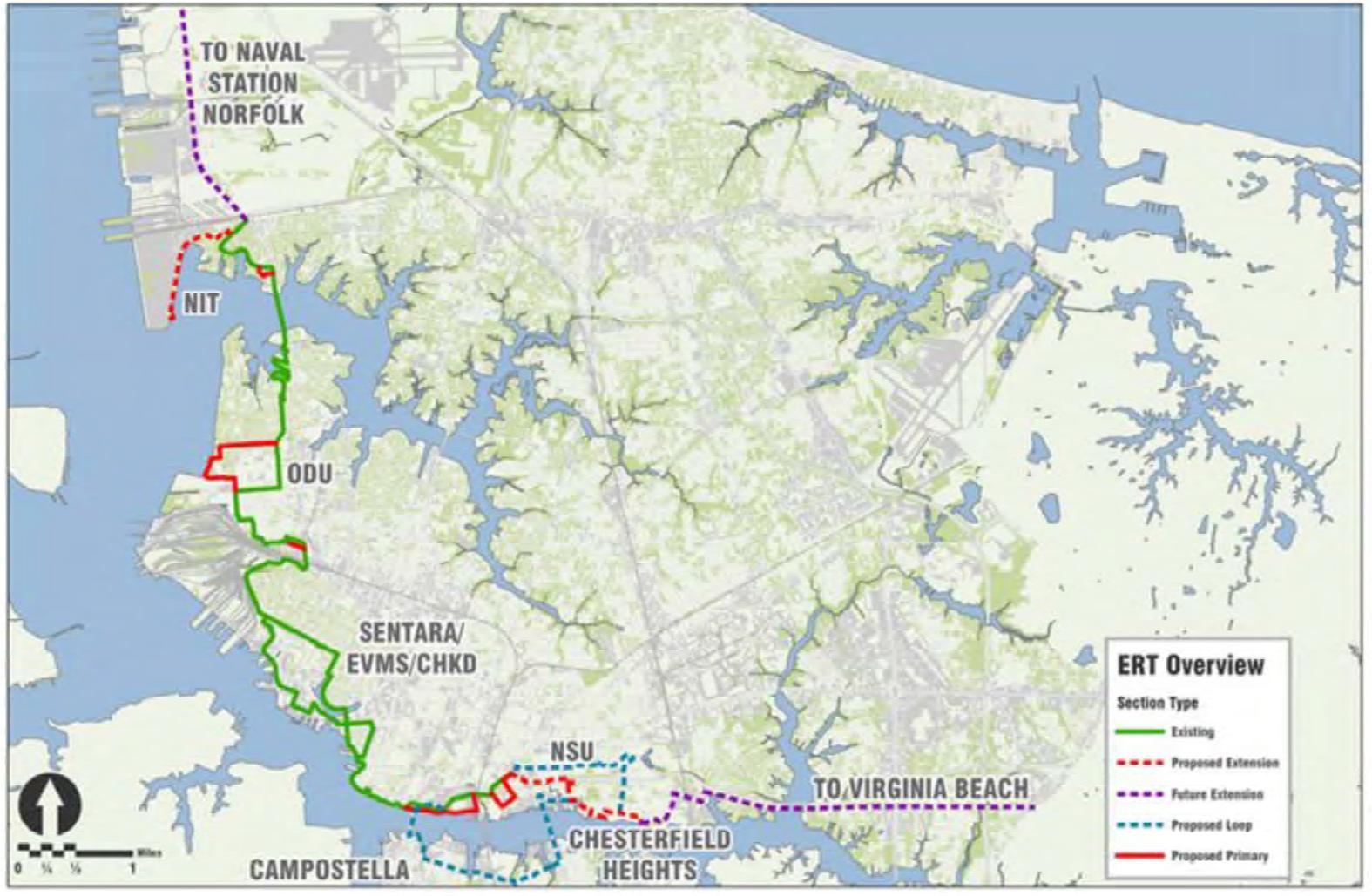
View of the path approaching the shoreline



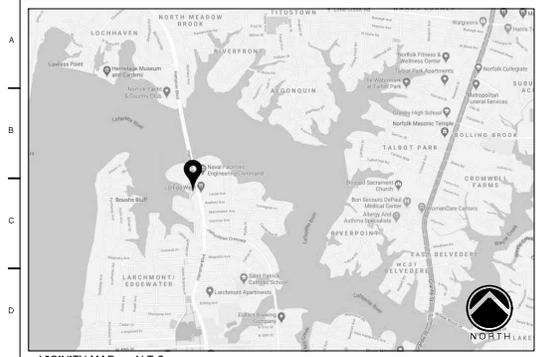
View through existing shoreline vegetation



Location of the proposed kayak launch



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16



VICINITY MAP N.T.S.

LOCATION MAP N.T.S.

Landscape Architect:
VIA Design
319 E. Plume Street
Norfolk, VA 23510
757-627-1489
Designer of Record: Keith Oliver, PLA

Civil Engineer:
Blossom Consulting + Engineering
1101 Professional Drive, Suite G
Williamsburg, VA 23185
757-870-4825

Surveyor:
MAS-ID
5257 Cleveland Street
Suite 109 & 110
Virginia Beach, VA 23462
757.208.7383

Owner's Representative:
Kevin Murphy, Chair
Elizabeth River Trail Foundation
Board of Directors

Geotechnical Engineer:
GET Solutions
5465 Greenwich Road
Virginia Beach, VA 23464
757-538-1703

SITE / PROPERTY INFORMATION:
TOTAL SITE AREA: Parcel: 1,795,939 sf, 3.9931 Acres
TOTAL DISTURBED AREA:

ZONING: IM, INSTITUTIONAL
COASTAL RESILIENCE OVERLAY

FLOOD INFORMATION: AE(8), AE(9), AE(10)

PROJECT ACCESS: From Hampton Boulevard

CONSTRUCTION COORDINATION:
Prior to construction the contractor shall obtain all necessary permits from the City of Norfolk and contact the following Departments at least 48 hours prior to fencing, tree removal, clearing, excavation or construction.

- Coastal Resilience 441-2602
- Construction 664-6591
- Environmental Services 664-4268
- Parks and Forestry 441-2635
- Public Works 664-4600
- Right-of-Way / Traffic 664-7306

BEFORE YOU DIG, TO MISS UTILITIES CALL "MISS UTILITY" OF VIRGINIA 1-800-552-7001 (TOLL FREE)



ERT LARCHMONT TRAILHEAD

Norfolk, Virginia

CITY OF NORFOLK TOLERANCE NOTES
Contractor is to install all utilities to the tolerance required by the City of Norfolk and as shown on these plans, specifically:

- All storm drainage shall be installed to within 0.10' (one tenth of a foot) of the elevation shown on the plan, or as specified in writing by the city.
- Minimum storm sewer slope specified on the plans are absolute minimum; lesser slope will not be accepted unless in writing by the city.
- Contractor to be responsible for all correction cost (i.e. plan, revision, physical correction, etc.) required as a result of the installation not meeting the requirement tolerance.

EXISTING CONDITIONS

1. SEE GENERAL NOTES ON SHEET S41

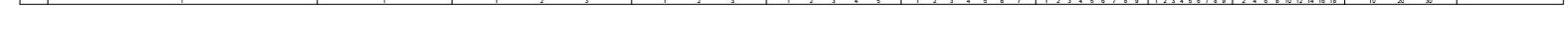
DOCUMENT USE

1. THESE PLANS AND CORRESPONDING CAD DOCUMENTS ARE INSTRUMENTS OF PROFESSIONAL SERVICE AND SHALL NOT BE USED IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS CREATED WITHOUT THE EXPRESSED WRITTEN CONSENT OF VIA DESIGN. ANY UNAUTHORIZED USE, REUSE, MODIFICATION OR ALTERATION INCLUDING AUTOMATED CONVERSION OF THE DOCUMENT SHALL BE AT THE USER'S SOLE RISK WITHOUT LIABILITY OR LEGAL EXPOSURE TO VIA DESIGN.

SHEET NUMBER	TITLE	LATEST ISSUE
G100	COVER SHEET	
G101	GENERAL NOTES	
G102	EROSION & SEDIMENT CONTROL NOTES	
LD101	LANDSCAPE DEMOLITION PLAN	
LD101	LAYOUT & MATERIALS PLAN	
L101	PLANTING PLAN	
L402	PLANTING SCHEDULE & DETAILS	
LS01	LANDSCAPE DETAILS	
CL01	CIVIL STORMWATER	
CL03	CIVIL PLACEHOLDER	
SV-1	EXISTING CONDITIONS & TOPOGRAPHIC SURVEY	

GENERAL NOTES

- THE "MISS UTILITY" LAW REQUIRES FOR THE CONTRACTOR TO CALL AT LEAST 3 WORKING DAYS IN ADVANCE OF THE PLANNED WORK TO ALLOW TIME FOR MARKING. THAT THE MARKS BE RESPECTED AND PROTECTED, AND THAT EXCAVATION BE COMPLETED CAREFULLY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
- ACCESSIBLE ROUTES, PARKING SPACES, RAMP, BENCHES AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).
- AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL FOLLOW DETAIL PROVIDED BY VPI FOR EROSION AND SEDIMENT CONTROL HANDBOOK FOR SITE SPECIFIC SEEDING MEASURES IN ACCORDANCE WITH STANDARDS & SPECIFICATION 3.02.
- WORK WITHIN THE LOCAL RIGHT-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS, WORK WITHIN STATE RIGHT-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE STATE HIGHWAY DEPARTMENT'S STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
- UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS. IN THE SPECIFICATIONS AND IN THE CONTRACT DOCUMENTS, DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS AND FIRE HYDRANTS WITHOUT APPROPRIATE PERMITS.
- TRAFFIC SIGNALS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- IN THE EVENT THAT SUSPECTED CONTAMINATED GROUNDWATER AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK BY THE VELOCITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
- CONTRACTOR SHALL PREVENT DUST, SEDIMENT AND OTHERS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
- DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES IF ANY, AT NO COST TO OWNER.
- THE PROJECT DISTURBS NO MORE THAN 1 ACRE OF LAND, THEREFORE, THIS PROJECT DOES NOT REQUIRE A LAND DISTURBANCE PERMIT.



ELIZABETH RIVER TRAIL
ERT LARCHMONT TRAILHEAD
6655 HAMPTON BOULEVARD, NORFOLK, VA

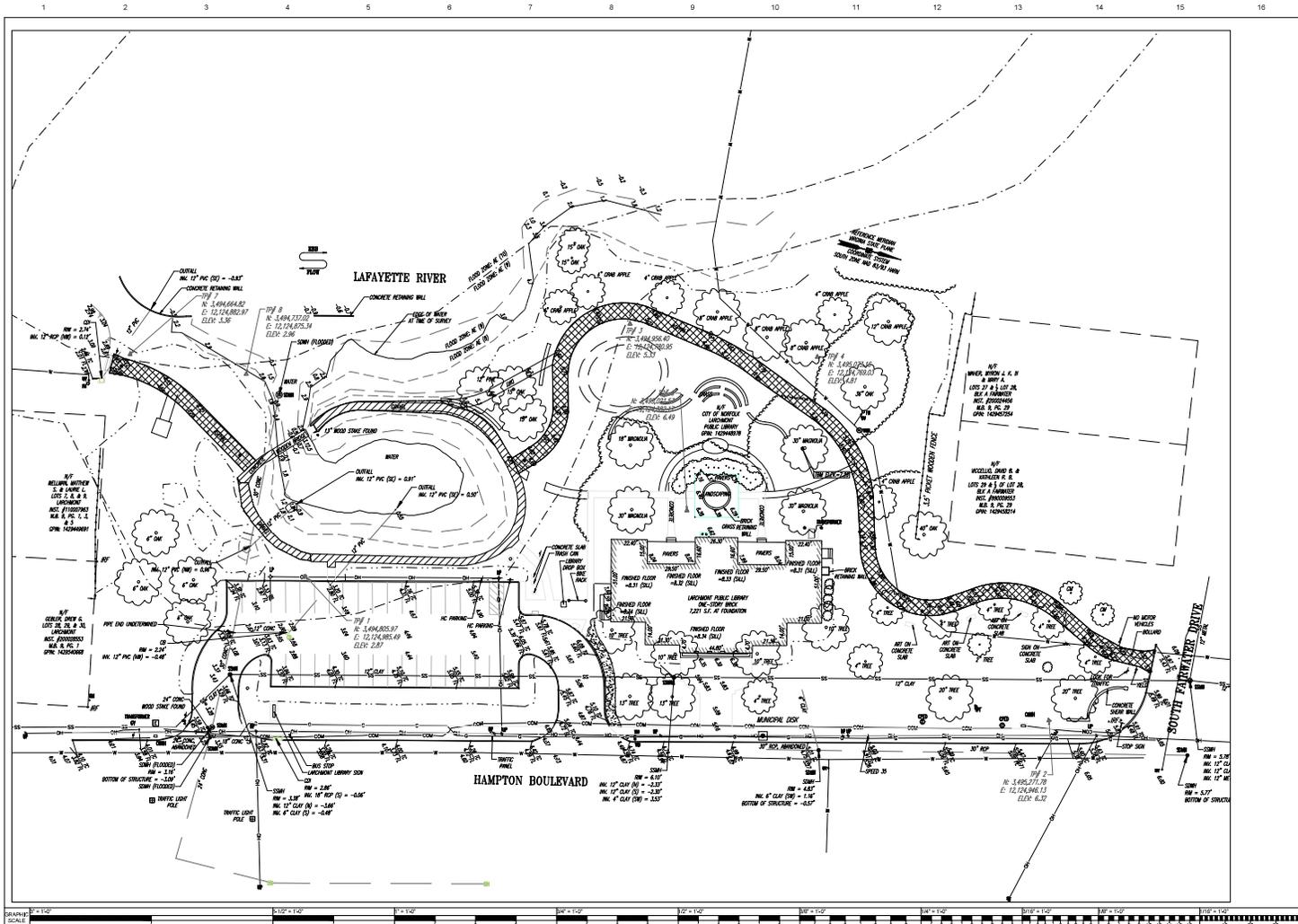
DATE: 08/20/2024
TIME: 10:00 AM
PROJECT: ERT LARCHMONT TRAILHEAD
SHEET: G100

DESIGNED BY: [Name]
CHECKED BY: [Name]
DATE: 08/20/2024

REVISIONS:

NO.	DESCRIPTION	DATE
1	PRELIMINARY	
2	50% PROGRESS PRINTS	
3	90% PROGRESS PRINTS	
4	100% PROGRESS PRINTS	
5	FINAL	
6	RECORD	
7	AS-BUILT CONSTRUCTION	
8	RECORD DRAWINGS	

DATE: 08/20/2024
TIME: 10:00 AM
PROJECT: ERT LARCHMONT TRAILHEAD
SHEET: G100



VIA DESIGN
 515 E. Main Street
 Norfolk, VA 23510
 757.627.1499
 viadesignarchitects.com

PRELIMINARY
 SITE PLAN REVIEW

Elizabeth River Trail Foundation
ERT LARCHMONT TRAILHEAD
 6525 Hampton Boulevard Norfolk, VA

DATE: 11/11/2021
 TIME: 10:00 AM

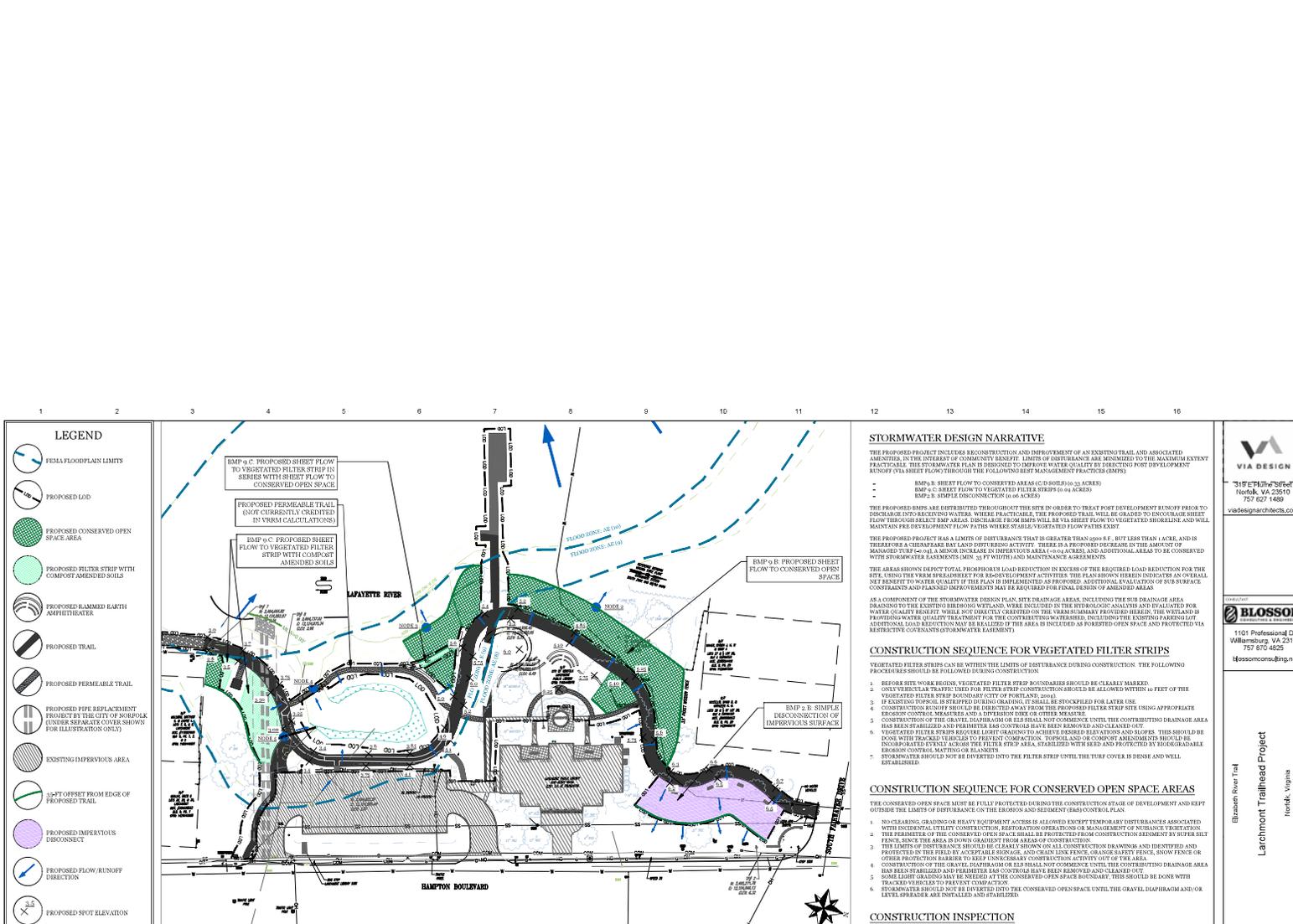
SCALE: 1" = 10'

PROJECT NO: LD100

DATE: 11/11/2021

CONSTRUCTION PLAN

LD100



BMP LAYOUT
SCALE: 1" = 40'

WATER QUALITY SUMMARY

PRE-DEVELOPMENT
DRAINAGE AREA (LIMITS OF DISTURBANCE) = 1.21 AC
• FORESTED OPEN SPACE = 0.89 AC
• MANAGED TURF = 0.83 AC
• IMPERVIOUS AREA = 0.39 AC
PRE-DEVELOPMENT TREATMENT VOLUME = 1,462 FT³
POST-DEVELOPMENT TREATMENT VOLUME = 1,399 FT³
TOTAL PHOSPHORUS LOAD = 1.02 LBS TP

NOTE: FOR THE PURPOSE OF THIS ANALYSIS, THE SITE AREA IS ASSUMED TO BE EQUIVALENT TO THE LOAD.

POST-DEVELOPMENT

DRAINAGE AREA (LIMITS OF DISTURBANCE) = 1.21 AC
• FORESTED OPEN SPACE = 0.34 AC
• MANAGED TURF = 0.59 AC
• IMPERVIOUS AREA = 0.28 AC
POST-DEVELOPMENT TREATMENT VOLUME = 1,399 FT³
LOAD REDUCTION REQUIRED = 0.28 LBS TP*

* INCLUDES 20% REDUCTION USE ON-SITE STORMWATER MANAGEMENT PRACTICES

STORMWATER EASEMENT NOTE

AREAS SHOWN AS CONSERVED OPEN SPACE, VEGETATED FILTER STRIPS AND SIMPLE DISCONNECTS SHALL BE MAINTAINED PER STORMWATER MANAGEMENT REGULATIONS AND THE CURRENT STORMWATER MANAGEMENT REGULATIONS.
THE PROPOSED VEGETATED FILTER STRIP MAY REQUIRE COORDINATION AND ADJUSTMENTS BASED ON THE FINAL DESIGN OF THE FUTURE STORM DRAIN IMPROVEMENT PROJECT.

MAINTENANCE PLAN: VEGETATED FILTER STRIPS

MAINTENANCE TASK	DESCRIPTION/FREQUENCY
OM Inspection	Annually during on-going season.
Mowing	At least twice a year to prevent weed growth. Excessive mowing should not occur to allow for greater vegetation height.
Watering	As needed to maintain cover. More frequent watering may be necessary during the first year.
Contributing Drainage Area	Remove trash and debris and repair erosion and/or bare or exposed soil within the contributing drainage area.
Gravel Discharge Area	Remove trash and debris and repair erosion and/or bare or exposed soil within the contributing drainage area. Check to make sure filter strip does not contribute to erosion. Repair as needed.
Filter Strip Area	Check that the plant composition is consistent with the approved plan. Remove invasive species and weeds present. Use appropriate pest management (IPM) techniques to minimize the use of pesticides and herbicides. Minimize use of organic (and chemical) fertilizers as needed. Research to replace dead vegetation or exposed soil area.
Outlet	Ensure that outlet provides stable conveyance away from the filter area as needed.
Overall	Check for areas of standing water. Fill in low spots and stabilize, correct flow problems through posting. Check for erosion/bare soil on filter area or easement by building structures.

CONSTRUCTION SEQUENCE FOR VEGETATED FILTER STRIPS

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4. CONSTRUCTION OF THE GRAVEL DISCHARGE AREA SHALL NOT COMMENCE UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED AND PERIMETER EROSION CONTROL HAS BEEN REMOVED AND CLEANED OUT.
5. VEGETATED FILTER STRIPS REQUIRE LIGHT GRADING TO ACHIEVE DESIRED ELEVATIONS AND SLOPES. THIS SHOULD BE DONE WITH TRACKED VEHICLES TO PREVENT COMPACTING, TOPSOIL AND ON-COMPACT AMENDMENTS SHOULD BE TRACKED VEHICLES TO PREVENT COMPACTING.
6. STORMWATER SHOULD NOT BE OVERLAIN INTO THE CONSERVED OPEN SPACE UNTIL THE GRAVEL DISCHARGE AND/OR LEVEL SPREADER ARE INSTALLED AND STABILIZED.

CONSTRUCTION SEQUENCE FOR CONSERVED OPEN SPACE AREAS

1. NO CLEARING, GRADING OR HEAVY EQUIPMENT ACCESS IS ALLOWED EXCEPT TEMPORARY DISTURBANCES ASSOCIATED WITH INCIDENTAL UTILITY CONSTRUCTION, RESTORATION OPERATIONS OR MANAGEMENT OF NUISANCE VEGETATION.
2. THE PERIMETER OF THE CONSERVED OPEN SPACE SHALL BE PROTECTED FROM CONSTRUCTION BY EITHER A FENCE, SINCE THE AREA IS DOWN GRADIENT FROM AREAS OF CONSTRUCTION.
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THE GPS COORDINATES SHALL BE LOCATED FOR ALL FILTER STRIPS AND CONSERVED OPEN SPACES, UPON ACCEPTANCE, AND SUBMITTED FOR ENTRY INTO THE CITY'S BMP MAINTENANCE TRACKING DATABASE.

AN EXAMPLE CONSTRUCTION PHASE INSPECTION CHECKLIST FOR SHEET FLOW TO A FILTER STRIP OR CONSERVED OPEN SPACE CAN BE FOUND IN VIA DESIGN'S STORMWATER DESIGN REFERENCE TOOL.

STORMWATER DESIGN NARRATIVE

THE PROPOSED PROJECT INCLUDES RECONSTRUCTION AND IMPROVEMENT OF AN EXISTING TRAIL AND ASSOCIATED AMENITIES IN THE VICINITY OF COMMUNITY BENEFIT. LIMITS OF DISTURBANCE ARE INDICATED BY THE MAGENTA EXISTING PRACTICABLE. THE STORMWATER PLAN IS DESIGNED TO IMPROVE WATER QUALITY BY DEFLECTING POST DEVELOPMENT RUNOFF (VIA SHEET FLOW) THROUGHOUT THE FOLLOWING BEST MANAGEMENT PRACTICES (BMPs):

- BMP a/c: SHEET FLOW TO VEGETATED FILTER STRIPS (0.34 ACRES)
- BMP b: SHEET FLOW TO CONSERVED OPEN SPACE (0.34 ACRES)
- BMP c: SIMPLE DISCONNECT (0.66 ACRES)

THE PROPOSED BMPs ARE DISTRIBUTED THROUGHOUT THE SITE IN ORDER TO RELAY POST DEVELOPMENT RUNOFF PRIOR TO DISCHARGE INTO RECEIVING WATERS. WHERE PRACTICABLE, THE PROPOSED TRAIL WILL BE GRADED TO CONVEY SHEET FLOW THROUGH SELECT BMP AREAS. DISCHARGE FROM BMPs WILL BE VIA SHEET FLOW TO VEGETATED BOUNDARIES AND WILL MAINTAIN THE DEVELOPMENT FLOW PATHS WHERE STABLE VEGETATED FLOW PATHS EXIST.

THE PROPOSED PROJECT HAS A LIMITS OF DISTURBANCE THAT IS GREATER THAN 2000 S.F., BUT LESS THAN 1 ACRE, AND IS MANAGED AS IF IT WERE A MINOR INCREASE IN IMPERVIOUS AREA (0.01 ACRES), AND ADDITIONAL AREAS TO BE CONSERVED WITH STORMWATER EASEMENT PLAN. THEREFORE A PREVENTIVE PLAN IS REQUIRED TO IMPROVE WATER QUALITY IN THE VICINITY OF THE TRAIL AND ASSOCIATED AMENITIES. THEREFORE A PREVENTIVE PLAN IS REQUIRED TO IMPROVE WATER QUALITY IN THE VICINITY OF THE TRAIL AND ASSOCIATED AMENITIES.

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via@viadesignarchitects.com

BLOSSOM
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Williamsburg, VA 23188
757.672.4425
blossomconsulting.net

Lachmont Trailhead Project
Elkton River Trail
Norfolk, Virginia

NO.	DESCRIPTION	DATE
1	PRELIMINARY	
2	5% PROGRESS PRINTS	
3	20% PROGRESS PRINTS	
4	30% PROGRESS PRINTS	
5	40% PROGRESS PRINTS	
6	50% PROGRESS PRINTS	
7	60% PROGRESS PRINTS	
8	70% PROGRESS PRINTS	
9	80% PROGRESS PRINTS	
10	90% PROGRESS PRINTS	
11	100% PROGRESS PRINTS	

DRAFT

1101 Professional Dr.
Williamsburg, VA 23188
757.672.4425
via@viadesignarchitects.com

S102



City of Norfolk
City of Norfolk Standard Erosion & Sediment Control Plan

- Unless otherwise indicated, all erosion and sediment control practices shall be constructed in accordance with the minimum standards specified in the City of Norfolk Standard Erosion & Sediment Control Handbook, 13th Edition, 1992 and the City of Norfolk erosion and sediment control ordinance.
- The contractor shall contact the City of Norfolk, Bureau of Environmental Services (464-4444) at least 14 days prior to any land disturbance activity (including demolition) so that a preconstruction conference can be scheduled.
- The contractor shall notify the City of Norfolk, Bureau of Environmental Services (464-4444) at least 14 days after final grade is reached on any portion of the site. Final stabilization must also be achieved to eliminate erosion which may occur on that grade for which soil erosion stabilization is required for more than 14 days. Final stabilization measures include: vegetation establishment, mulching and to any exposure of bare soil, erosion control measures.
- All erosion and sediment control measures are to be placed prior to or as the first step in construction.
- The contractor shall inspect all erosion control measures frequently and after each rainfall producing runoff. The contractor is responsible for the temporary protection and permanent stabilization and cleanup of sedimentation on the responsibility of the contractor and shall be made immediately.
- The contractor shall take all access to construction vehicles and equipment to a site containing any erosion control measures. The contractor shall be responsible for the temporary protection and permanent stabilization and cleanup of sedimentation on the responsibility of the contractor and shall be made immediately.
- Stock piles of soil and other suitable materials shall be stabilized or protected with sediment trapping measures. The contractor is responsible for the temporary protection and permanent stabilization and cleanup of sedimentation on the responsibility of the contractor and shall be made immediately.
- Effluent from any existing operations shall be filtered or passed through approved sediment trapping devices, or both and included in a storm sewer or other approved adjacent water body, unless otherwise approved by the storm drainage commission.
- The contractor is responsible for the final stabilization of all additional control measures necessary to prevent erosion and sediment control measures are not to be removed until all disturbed areas are stabilized. After stabilization is complete, all measures shall be removed within 30 days. Transportation shall be immediately noted.

ADDITIONAL NOTES

- EXISTING PAVEMENT SHALL BE USED AS MAIN CONSTRUCTION ACCESS, AND THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED PER THESE NOTES. AN ALTERNATIVE TRUCK MAT ENTRANCE IS SHOWN AND MAY BE USED UPON COORDINATION AND APPROVAL FROM ENGINEER AND CITY OF NORFOLK INSPECTOR.

LEGEND

- EXISTING CONTOUR (FOR DIMENSION SURVEY, SMPLE 2010000)
- LIMITS OF DISTURBANCE (147 ACRES)
- PROPOSED CONSERVED OPEN SPACE AREA
- PROPOSED FILTER STRIP WITH COMPOST AMENDED SOILS
- PROPOSED LANDSCAPE PLANTING (STAGE 2 SEE LANDSCAPE PLANS)
- PROPOSED PERMANENT SEEDING (APPLY TO DISTURBED AREAS (LOD))
- PROPOSED TREE PROTECTION (SILT FENCE IS USED AS A TREE PROTECTION AND AS TREE PROTECTION)
- PROPOSED STOCKPILE LOCATIONS (ALL STOCKPILES TO HAVE PERIMETER SILT FENCE)
- PROPOSED TURBIDITY CURTAIN
- PROPOSED BLANKETING AND MATTING
- PROPOSED BATTERY FRAME INSTALL AS NEEDED TO SECURE WORK AREA
- PROPOSED TREES TO BE REMOVED

DEMOLITION NOTES

THE EXISTING TRAIL IS EXPECTED TO BE DEMOLISHED AND RECONSTRUCTED IN PLACE WITHIN THE EXISTING FOOTPRINT AND THEN REUSE AREA.

ANY REMOVED TRAIL MATERIALS SHALL BE DEPOSITED IN AN APPROVED LOCATION. THE TRAIL DEMOLITION IS NOT VIEWED AS AN OBSTACLE FOR STORAGE AT THE PURPOSES FOR CITY OF NORFOLK, BUT IS INCLUDED WITHIN THE LOD FOR GRAPHIC PURPOSES.

THE APPLICANT IS PROPOSED TO DEMOLISH AND RECONSTRUCT THE TRAIL TO A FINISHED WIDTH OF 14 FEET.

CONSTRUCTION ENTRANCE NOTES

MULTIPLE CONSTRUCTION ENTRANCE ALTERNATIVES ARE IDENTIFIED AND CAN BE UTILIZED AS NOTED HEREIN AND IN COORDINATION WITH THE CITY OF NORFOLK.

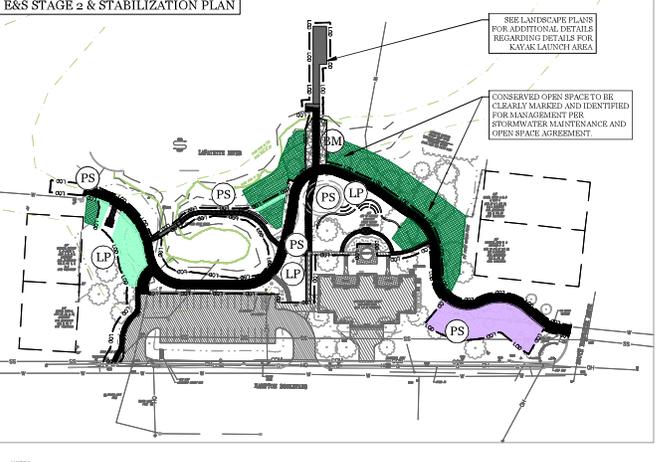
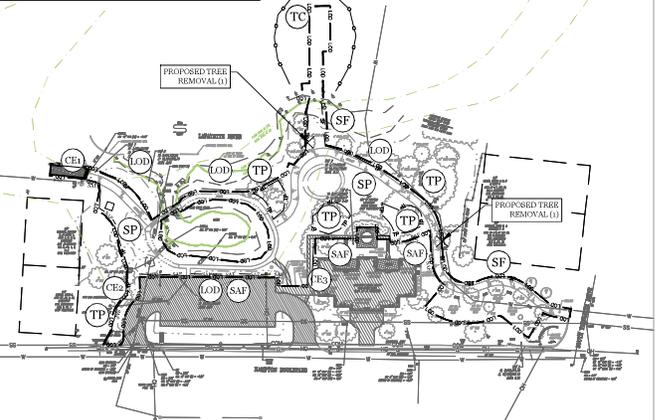
- CE1: MAIN CONSTRUCTION ENTRANCE FROM EXISTING ACCESS POINT. GRAVEY ENTRANCE OR EQUIVALENT APPROVED ALTERNATIVE REQUIRED.
- CE2: LIGHT CONSTRUCTION ACTIVITY ONLY FOR REMOVAL TRAIL CONNECTIVITY COORDINATE WITH VIOT FOR ENTRANCE REQUIRED UNDER SEPARATE CIVIL.
- CE3: CONSTRUCTION ENTRANCE IN COORDINATION WITH LIBRARY AND BICYCLE PATHWAY TO BE USED. SEE DETAIL FOR APPROVED ALTERNATIVE TRAIL OR SLOTTED MATTED ENTRANCE.

PROPOSED CONSTRUCTION ENTRANCE

SCALE: 1 INCH = 60 FEET

0 60 120 240'

CONTOUR INTERVAL = 1 FT



E&S STAGE 2 PLANTING NOTES AND DETAILS
(SEE LANDSCAPE PLANS FOR PROPOSED PLANTING PLAN (NOTES PROVIDED FOR ISC PURPOSES ONLY))

GENERAL REQUIREMENTS

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYOUT OF ALL WORK COVERED UNDER THESE PLANS.
- ALL PLANT MATERIAL, UNLESS OTHERWISE SPECIFIED, SHALL BE NURSERY GROWN AND HAVE A MINIMUM ROOT SYSTEM. PLANT MATERIAL SHALL BE HEALTHY, WOODRIND, AND FREE FROM DEFECTS, DISEASE, INSECT PEST BOGS, AND ALL FORMS OF VERMIN. ALL PLANT MATERIAL SHALL BE FREE FROM TRANSPARENT BRICK OR VISIBLE PLAST. PLANTS DEEMED UNHEALTHY WILL BE REJECTED.
- ALL PLANT MATERIAL SHALL MEET THE MINIMUM SPECIFICATIONS AND STANDARDS DESCRIBED IN THE CURRENT ISSUE OF "THE AMERICAN STANDARD FOR NURSERY STOCK", PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, 1991 EDITION, NEW YORK, NY, STATE OF NEW YORK, N.Y. 16005.
- ALL CONTAINER STOCK SHALL HAVE BEEN PROPAGATED IN A CONTAINER LONG ENOUGH FOR THE ROOT SYSTEM TO HAVE DEVELOPED SUFFICIENTLY TO HOLD ITS SOIL. CONTAINER STOCK WITH POORLY DEVELOPED ROOT SYSTEMS WILL NOT BE ACCEPTED.
- PLANTS WILL BE PERMANENT FOR SHIPMENT IN A MANNER THAT WILL NOT CAUSE DAMAGE TO THE BARK, BUDS, BRANCHES, STEMS, OR OVERLAP STRIPS OF THE STOCK. CONTAINER GROWN PLANTS WILL BE TRANSPORTED IN THIS CONTAINER BY WHICH THEY HAVE BEEN GROWN.
- PLANTS SET INSTALLED ON THE DAY OF ARRIVAL ON SITE SHALL BE STORED AND PROTECTED BY THE CONTRACTOR. OUTSIDE STORAGE AREAS WILL BE SHARED AND PROTECTED FROM THE WIND AND SUN. PLANTS STORED ON SITE SHALL BE PROTECTED FROM ANY WIND AT ALL TIMES BY COVERING THE BARK OR ROOTS WITH MOIST BURLAP, WET STRAW, WOOD CHIPS, SHEDDING BARK, PLAST MULCH, OR OTHER SIMILAR MULCHING MATERIAL.
- NO SUBSTITUTIONS IN SIZE OR VARIETY OF PLANT MATERIAL SHALL OCCUR WITHOUT THE PRIOR APPROVAL OF THE ENGINEER OR LANDSCAPE ARCHITECT.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND NOTIFY THE ENGINEER OF ANY VARIANCE FROM PLAN.
- PLANTING OF WOODY PLANTS SHALL OCCUR WHEN VEGETATION IS NORMALLY DOMINANT UNLESS OTHERWISE APPROVED BY THE ENGINEER OR LANDSCAPE ARCHITECT.

PLANTING REQUIREMENTS

- CONTRACTOR SHALL BE RESPONSIBLE FOR LAYOUT OF ALL PLANT MATERIAL.
- HOLE FOR EACH PLANTING SHALL BE ENLARGED AS SHOWN IN THE DETAILS. ALL PLANTING HOLES SHALL BE ROUGHED, SCARIFIED SIDES AND BOTTOMS.
- NON-LANDSCAPED PLANTS SHALL BE SET IN THE PLANTING BY AT THE PROPER DEPTH OR TAPPED SOIL. SOIL REMOVED FROM THE PLANTING PIT AND SHALL THEN BE FILLED AROUND THE ROOTS AND TAMPED.
- THE CONTRACTOR SHALL REMOVE DISTURBED AREAS TO ENLARGED FINAL GRADERS IF PLANTING OF SHRUBS AND TREES.
- THE CONTRACTOR SHALL WATER EACH WOODY PLANT WITH THE FOLLOWING MINIMUM QUANTITIES OF WATER, UNLESS OTHERWISE DIRECTED BY THE ENGINEER:
SP = 5 GALLONS
P = 10 GALLONS
T = 20 GALLONS
- CONTRACTOR SHALL APPLY 2-3 INCHES OF SPREADER HARDWOOD MULCH IN AREAS WHERE BACKPACKS AND WOODY CONTAINER PLANTS WILL BE INSTALLED. MULCH SHALL NOT BE APPLIED IN ANY SLOPED AREAS.

PRODUCT MAINTENANCE AND WARRANTY

- CONTRACTOR SHALL MAINTAIN INSTALLED PLANT MATERIAL WITHIN THE PROJECT LIMITS UNTIL FINAL ACCEPTANCE OF THE PROJECT BY THE ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR HERETOFORE CONTROL MEASURES NECESSARY TO PROTECT PLANTS FROM WIND AND FROST.
- FINAL PAYMENT TO THE CONTRACTOR WILL BE WITHHELD UNTIL ALL SPECIFIED PLANT MATERIAL IS DETERMINED TO BE HEALTHY AND INSTALLED AS PER SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE A ONE-YEAR REPLACEMENT WARRANTY ON ALL WOODY PLANT MATERIAL, AND 90% COVERAGE OF ALL AREAS SEEDING OR PLANTED WITH HERBACEOUS PLANT MATERIAL. AFTER THE FIRST COMPLETE GROWING SEASON, REPLACEMENT RATES TO BE DETERMINED BY AVERAGE MORTALITY RATES POINTS IN RANDOM SAMPLE PLOTS. THE OWNER RESERVES THE RIGHT TO DETERMINE DIFFERENT MORTALITY RATES IN SPECIFIED AREAS WITHIN THE SITE AND TO VOID THE WARRANTY AT HIS DISCRETION.

NOTES

- SEE PLANT PALETTE ON LANDSCAPE PLANS FOR PROPOSED ARRANGEMENT AND LANDSCAPE PLANTINGS.
- THESE ARE NOT CRITICAL AREAS IDENTIFIED ON THIS PLAN.
- ALL TEMPORARY TYPED STOCKPILES SHALL BE PROTECTED BY SILT FENCE PER SPECIFICATIONS IN VESCH.
- SEE STORMWATER MANAGEMENT OPERATIONS FOR ADDITIONAL STABILIZATION TECHNIQUES.
- SILT FENCES SHOWN IN PLAN WILL SHOW AS VIOLET PROTECTIVE SIGNAGE.
- ALL SOIL STOCKPILES WILL BE LESS THAN 600 SF AND ENCLOSED BY A TYPICAL.



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BLOSSOM
1101 Professional Dr.
Williamsburg, VA 23188
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Elkton River Trail
Lynchmont Trailhead Project
Norfolk, Virginia

DRAFT

DATE: 11/11/2011
DRAWN BY: [Name]
CHECKED BY: [Name]
DESIGN NUMBER: S105



Kayak / Canoe Access Locations

Willoughby Boat Ramp

Captain's Quarters (shoreline access)

Sarah Constant Beach Park (beach access)

Ocean View Beach Park (beach access)

Community Beach Park (beach access)

East Ocean View Rec Center (shoreline access)

Lake Whitehurst Boat Ramp

Lakewood Park (canoe/kayak dock)

Haven Creek Boat Ramp

Highland Park Veterans Kayak Launch (ADA Accessible)

LaValette Ave Kayak Launch (ADA Accessible)

Barraud Park (canoe/kayak dock)

Plum Point Park Opening Spring 2020 (ADA kayak launch)

Nauticus (Private)

Harbor Park (canoe/kayak dock)

Grandy Village (Private - NHRA)

Poplar Hall Park Kayak Launch (ADA Accessible)

Virginia Outdoors Foundation
Attn: Emily Nelson White
900 Natural Resources Dr. .
Ste. 800
Charlottesville, VA 22903



February 8, 2023

Ms. Nelson White,

I write to strongly express my support of the City of Norfolk Parks and Recreation's grant application for the Larchmont Library Trailhead improvements. Located along the river and right off Hampton Boulevard, this trailhead location is a key access point along the 10.5-mile trail. It will serve as a connector between the trail's northernmost residential neighborhoods and the educational institutions and downtown attractions to the south. Digital counters at this site saw a 121% increase in trail use in 2020, making improvements to the physical trail and support amenities for trail users more important than ever.

ADA accessibility, resilient trail infrastructure for an area prone to tidal flooding, and access to an ADA accessible kayak launch that creates a connected blueway system of launches along the Elizabeth River is crucial to connecting our residents and visitors with our city's university's, medical complexes and the educational and historical benefits of our working waterfront.

The Elizabeth River Trail is a 10.5 mile urban waterfront trail offering safe and accessible bike and pedestrian infrastructure through the city of Norfolk and particularly incorporates access and connection to the waterfront in a city where the majority of waterfront access is restricted due to military and government installations.

The Elizabeth River Trail Foundation's mission is to create an inclusive and resilient urban riverfront trail that connects and inspires people and businesses in the region. The Larchmont Library Trailhead improvements are shovel ready and critical to providing open access to the water and ensuring a safe and accessible connected trail.

Sincerely,

A handwritten signature in black ink that reads "Kindra M. Greene". The signature is written in a cursive, flowing style.

Kindra Greene

Executive Director, Elizabeth River Trail Foundation



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Work Program Architects

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Stormwater Group
Leader, Timmons
Group

Dr. Camden Wood Selig

Director of Athletics,
Old Dominion University

Ann Stokes

Ann P. Stokes Landscape
Architects

Chris Uiterwyk

Founder/CEO,
IPConfigure, Inc

Melody Webb

Director of Athletics
Norfolk State University

Dr. Terry Whibley

Women Caring, PLC

Ex-Officio

City of Norfolk

Transit
Dorian Allen

Norfolk Festevents

Ted Baroody

Elizabeth River Project

Marjorie Mayfield
Jackson

Greater Norfolk

Corporation
Linda Peck

City of Norfolk

Parks & Recreation
Stephen Zurek

Get in touch

www.elizabethrivertrail.org | [@norfolkERT](https://twitter.com/norfolkERT)

PO Box 3042, Norfolk, Virginia 23514-3042

Kindra Greene

Executive Director, Elizabeth River Trail Foundation

Norfolk Water Access and Waterway Trails

"B"

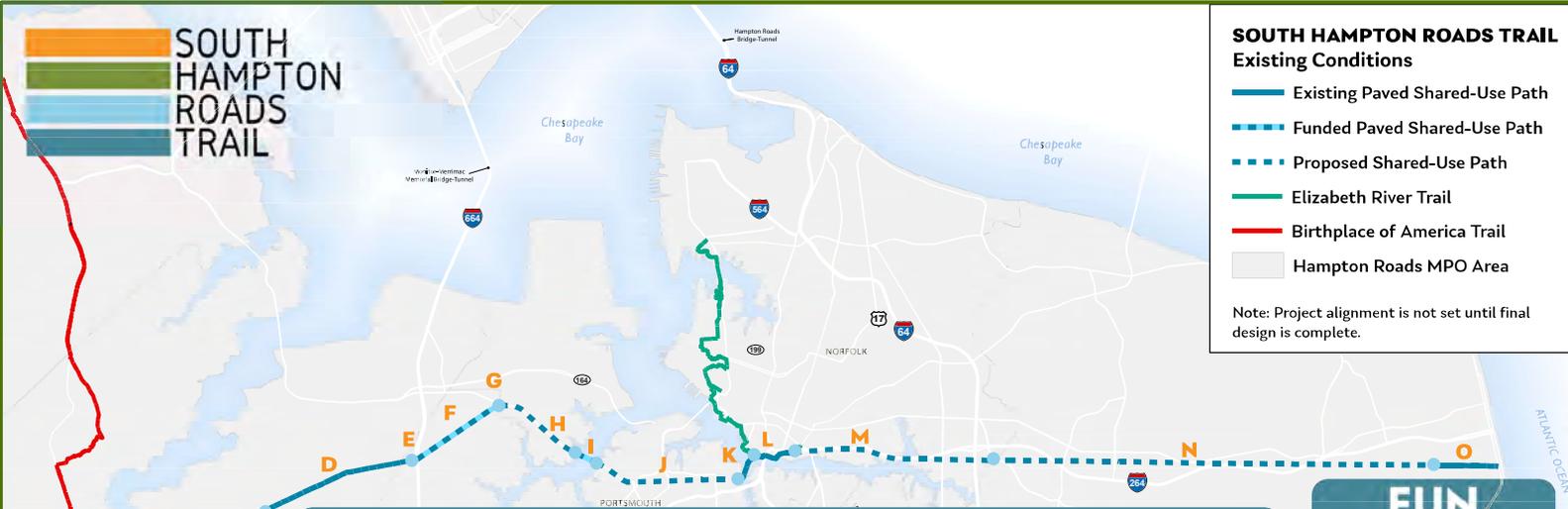


SOUTH HAMPTON ROADS TRAIL

SOUTH HAMPTON ROADS TRAIL Existing Conditions

- Existing Paved Shared-Use Path
- - - Funded Paved Shared-Use Path
- · · Proposed Shared-Use Path
- Elizabeth River Trail
- Birthplace of America Trail
- Hampton Roads MPO Area

Note: Project alignment is not set until final design is complete.



SECTION UPDATES

A. SUFFOLK SEABOARD COASTLINE TRAIL

City: **Suffolk**
 Current Phase: **Existing**
 Section: **Main Street to Moore Avenue**
 Distance: **0.39 Miles**

E. WESTERN BRANCH RAIL TO TRAIL

City: **Chesapeake**
 Current Phase: **Proposed**
 Section: **Suffolk City Line to I-664**
 Distance: **0.46 Miles**

I. CHURCHLAND BRIDGE

City: **Portsmouth**
 Current Phase: **Funded**
 Section: **High Point Drive to Shenandoah Street**
 Distance: **0.48 Miles**

M. NORFOLK SOUTHERN RAIL TO TRAIL

City: **Norfolk**
 Current Phase: **Proposed**
 Section: **Park Ave to Newtown Rd**
 Distance: **4.7 Miles**

B. SUFFOLK SEABOARD COASTLINE TRAIL

City: **Suffolk**
 Current Phase: **Funded**
 Section: **Moore Avenue to Nansemond Parkway**
 Distance: **3.1 Miles**

F. WESTERN BRANCH RAIL TO TRAIL

City: **Chesapeake**
 Current Phase: **Funded**
 Section: **I-664 to Portsmouth City Line**
 Distance: **2.3 Miles**

J. HIGH STREET

City: **Portsmouth**
 Current Phase: **Proposed**
 Section: **Churchland Bridge to Elizabeth River Ferry**
 Distance: **3.59 Miles**

N. VIRGINIA BEACH TRAIL

City: **Virginia Beach**
 Current Phase: **Proposed**
 Section: **Newtown Road to Birdneck Road**
 Distance: **10.5 Miles**

C. SUFFOLK SEABOARD COASTLINE TRAIL

City: **Suffolk**
 Current Phase: **Proposed**
 Section: **Nansemond Parkway to Driver**
 Distance: **4.8 Miles**

G. PORTSMOUTH RAIL TO TRAIL

City: **Portsmouth**
 Current Phase: **Funded**
 Section: **Portsmouth City Line to High Street**
 Distance: **0.05 Miles**

K. ELIZABETH RIVER FERRY

City: **Portsmouth/Norfolk**
 Current Phase: **Existing**
 Section: **High Street to Waterside**
 Distance: **0.75 Miles**

O. SOUTH BEACH TRAIL

City: **Virginia Beach**
 Current Phase: **Existing**
 Section: **Birdneck Road to Pacific Avenue**
 Distance: **1.4 Miles**

D. SUFFOLK SEABOARD COASTLINE TRAIL

City: **Suffolk**
 Current Phase: **Existing**
 Section: **Driver to Chesapeake City Line**
 Distance: **3.5 Miles**

H. HIGH STREET

City: **Portsmouth**
 Current Phase: **Proposed**
 Section: **Portsmouth Rail to Trail to Churchland Bridge**
 Distance: **2.2 Miles**

L. ELIZABETH RIVER TRAIL

City: **Norfolk**
 Current Phase: **Existing**
 Section: **Ferry to Park Avenue**
 Distance: **1.1 Miles**

FUN FACTS

7.14
 Miles of Existing Paved Trails

5.93
 Miles of Funded or Under Construction

26.73
 Miles of Proposed Paved Trail

