



COMMONWEALTH of VIRGINIA

Commonwealth Transportation Board

W. Sheppard Miller, III
Chairperson

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COMMONWEALTH TRANSPORTATION BOARD WORKSHOP AGENDA

VDOT Central Office Auditorium
1221 East Broad Street Richmond, Virginia 23219
December 6, 2022
12:45 p.m.

1. State Trails Office Update
Angel Deem, Virginia Department of Transportation
2. Transportation Alternatives Trails Allocations to Meet Budget Bill (HB30 Chapter 2) Item 452 I
Russell Dudley, Virginia Department of Transportation
3. Recreational Access Program
Brunswick County
Montgomery County
Town of Tappahannock
Russell Dudley, Virginia Department of Transportation
4. SMART SCALE Proposed Project Cancellation
Route 31 Bicycle accommodation (UPC 115511), Hampton Roads District
Kimberly Pryor, Virginia Department of Transportation
5. SMART SCALE Budget Increase Request
Route 15 and route 360 Roundabout (UPC 110767)
Lynchburg District
Kimberly Pryor, Virginia Department of Transportation
6. SMART SCALE Budget Increase Request
Southern Connector (UPC 105907)
Staunton District
Kimberly Pryor, Virginia Department of Transportation
7. Rail Industrial Access, Hershey Chocolate of Virginia, Inc.
Located within the Staunton District.
Mike Todd, Virginia Department of Rail and Public Transportation
8. DRPT FY 2023 Revised Budget Update
Jennifer DeBruhl, Virginia Department of Rail and Public Transportation

Agenda
Meeting of the Commonwealth Transportation Board
Workshop Session
December 6, 2022
Page 2

9. DRPT SYIP Update
Grant Sparks, Virginia Department of Rail and Public Transportation
10. SMART SCALE Round 5 Screening and Validation
Brooke Jackson, Office of Intermodal Planning and Investment
11. Director's Items
Jennifer DeBruhl, Virginia Department of Rail and Public Transportation
12. Commissioner's Items
Stephen Brich, Virginia Department of Transportation
13. Secretary's Items
Shep Miller, Secretary of Transportation

#



STATE TRAILS OFFICE UPDATE

Angel Deem
Chief of Policy

December 6, 2022

Transportation Initiatives – Investment in Trails

General Fund dollars were provided in the State Budgets approved in June 2022 for the planning, development, and construction of multi-use trails throughout the Commonwealth

The CTB to prioritize the funds for:

- **New regional trails**
- **Projects to improve connectivity of existing trail networks**
- **Provide geographic diversity in the use of such funds**

Directs the establishment of a State Trails Office

- **Develop a State Trails Plan and State Trails Information Clearinghouse consistent with the January 2022 "Report of Virginia Multi-Use Trails Initiative"**
- **State Trails Office shall coordinate with the State Trails Advisory Committee and the Department of Conservation and Recreation**

Transportation Initiatives – Investment in Trails

<i>(in millions)</i>	Previously Provided (2021 Transportation Initiative)	FY 2022 (Chapter 1)	FY 2023 (Chapter 2)	FY 2024 Chapter 2)	Total
General Fund	\$10.0	\$37.5	\$41.5	\$ -	\$89.0
Transportation Alternatives Program (Federal)			7.0	7.0	\$14.0
TOTAL					\$103.0

State Trails Office Update

Staffing

- **2 Positions Developed and Recruitment Underway**

State Trails Plan / Information Clearinghouse

- **Consultant secured**
- **Coordination with DCR & DRPT**
- **Presentation to Statewide Trails Advisory Committee (STAC) - October 27,2022**

General Assembly High Priority Trails



Summary information provided in this presentation should be considered preliminary

- **Based on current project status and available information**
- **Development or validation of scope, schedules and cost estimates currently underway using recent CTB allocation**
- **Ownership and/or maintenance responsibility may not be finalized**

Railbanking and Rails to Trails

Railbanking, established in 1983 as an amendment to Section 8(d) of the National Trails System Act, is a voluntary agreement between a railroad company and a trail sponsor to use an out-of-service rail corridor.

- **Allows a railroad to divest itself of responsibility for an unneeded rail line**
- **Trail use is interim - until such time as the line is needed again for rail service**
- **Railbanked corridors has preserved thousands of miles of rail corridors that would otherwise have been abandoned**

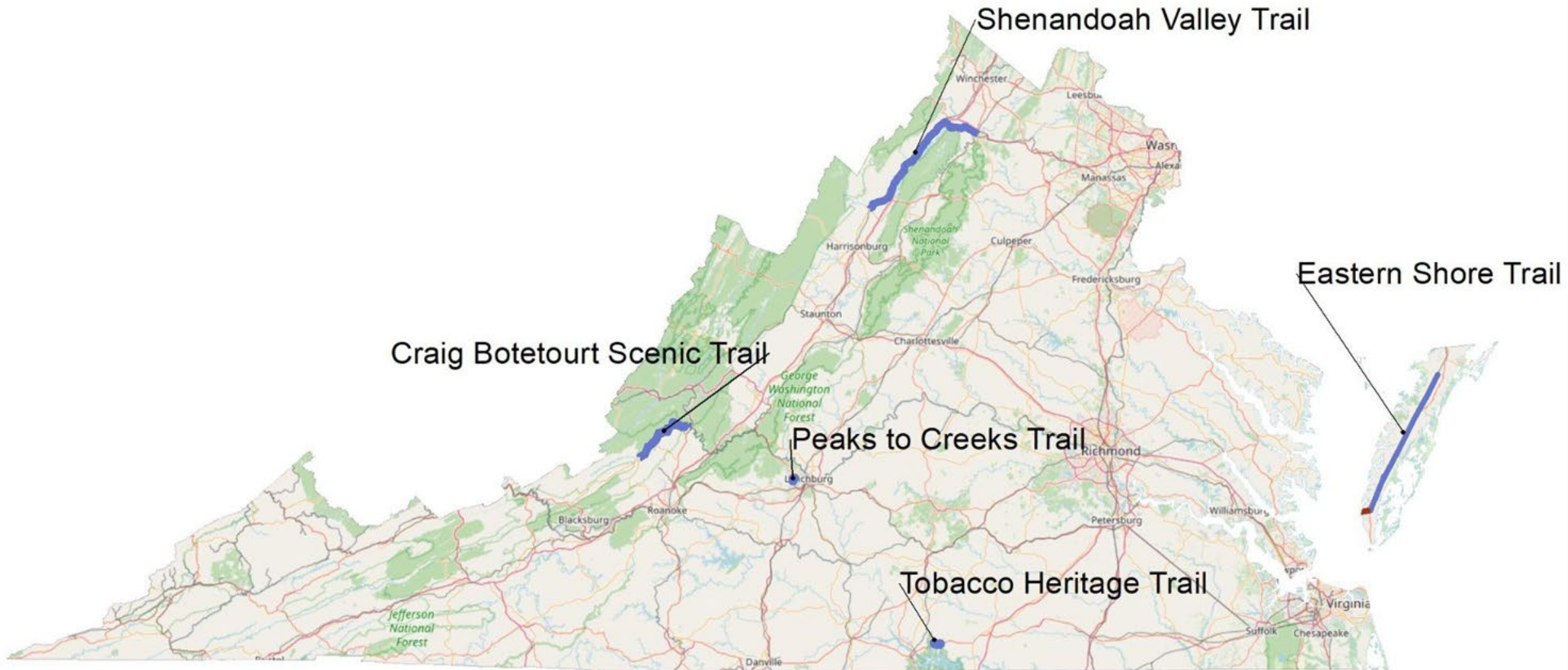
Existing Railbanked Corridors – Eastern Shore Trail & Tobacco Heritage Trail

Future Railbanking Anticipated – Shenandoah Valley Trail

Railbanking Process - General Terms

- **Rail line owner files for ‘abandonment’ with the Surface Transportation Board (STB)**
- **Interim Trails Manager files for Statement of Willingness with the STB**
- **Conduct Environmental Assessment(s)**
- **Negotiate terms and execute agreement within 1 year**

General Assembly High Priority Trails - Locations



Craig Botetourt Scenic Trail (Rail to Trail)

VDOT District: Salem

Localities: Botetourt County, Craig County

Length: 26.4 miles

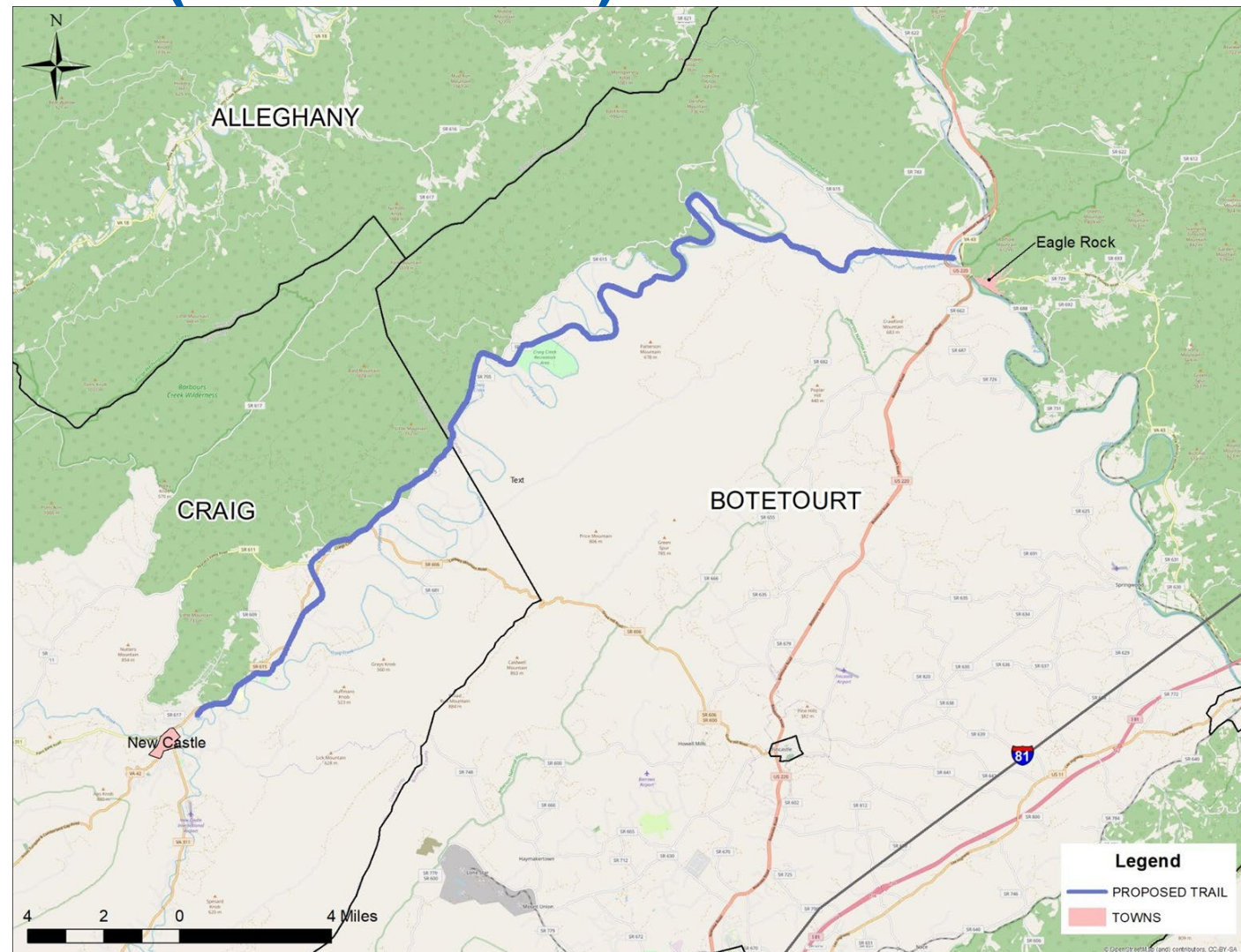
Surface Type: Aggregate

Ownership: TBD (VDOT - Currently)

Maintenance: TBD

Railbanked: N/A

Cost Estimate: TBD



Craig Botetourt Scenic Trail

Background & Updates

- **Craig Botetourt Scenic Trail Assessment completed in November 2022**
- **Botetourt and Craig Counties have each formed stakeholder groups to help guide trail development**

Next Steps:

- **Upcoming meeting to determine scope of trail**
- **Confirm project cost estimate**

Shenandoah Valley Rail Trail

VDOT District: Staunton

Localities: Rockingham, Shenandoah, Warren Counties

Length: 48.5 miles

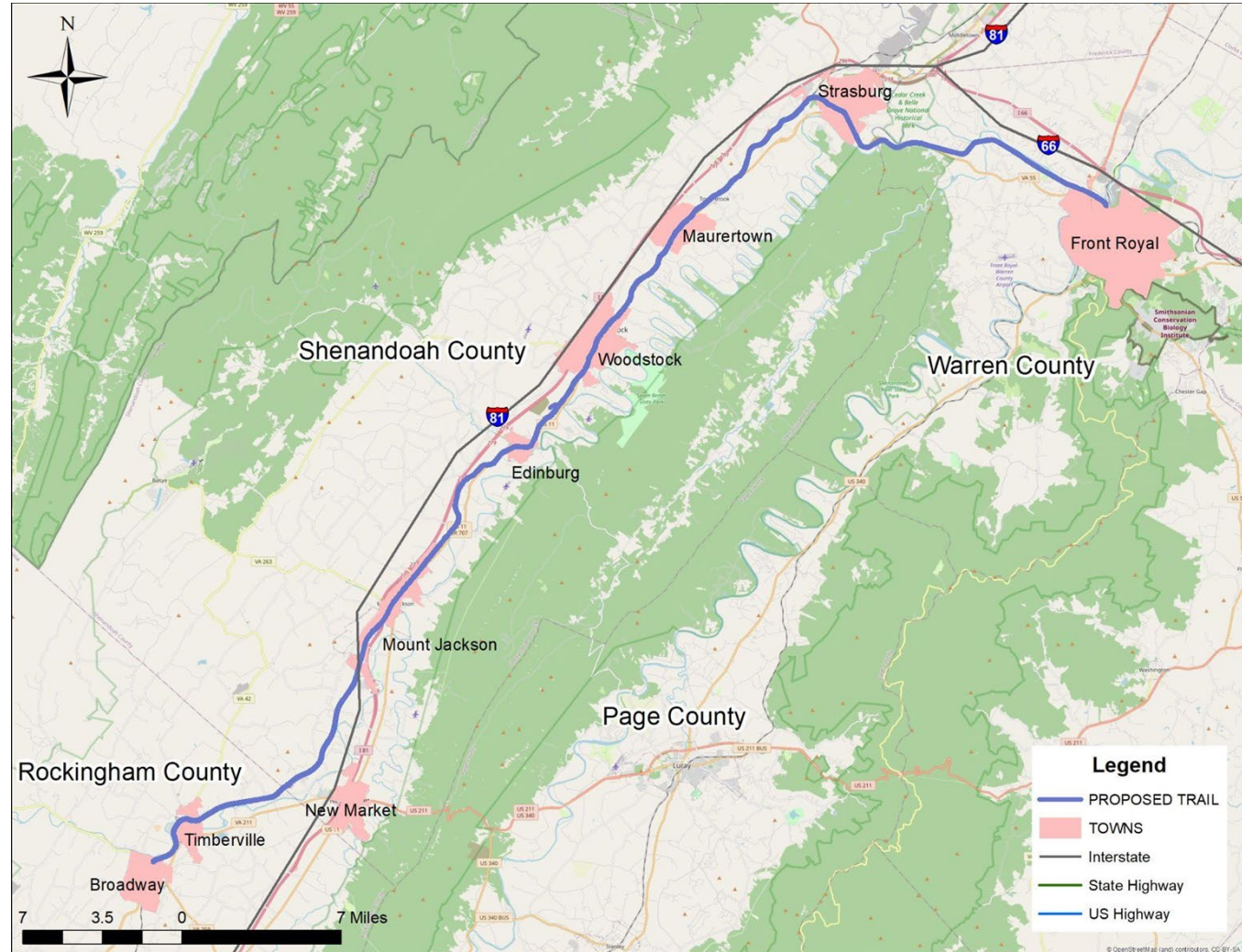
Surface Type: Paved

Ownership: TBD (Norfolk Southern - Currently)

Maintenance: TBD

Railbanked: Potential

Cost Estimate: \$100 – 120M



Shenandoah Valley Rail Trail

Background & Updates

- **Feasibility Study completed in November 2021**
- **3rd Party discussions occurring with Norfolk Southern pertaining to existing property**
- **FY23 community funded project Congressional Earmark pending - \$3M (for preliminary engineering)**

Next Steps:

Formal Proceedings for Railbanking

- **Norfolk Southern to file for rail abandonment**
- **Qualified interim trail manager to enter negotiations**

Peaks to Creeks Trail

Background & Updates

- **Feasibility Study completed in 2019 by City of Lynchburg**

Next Steps:

- **Begin Preliminary Engineering**

Tobacco Heritage Trail

VDOT District: Richmond

Localities: Mecklenburg County

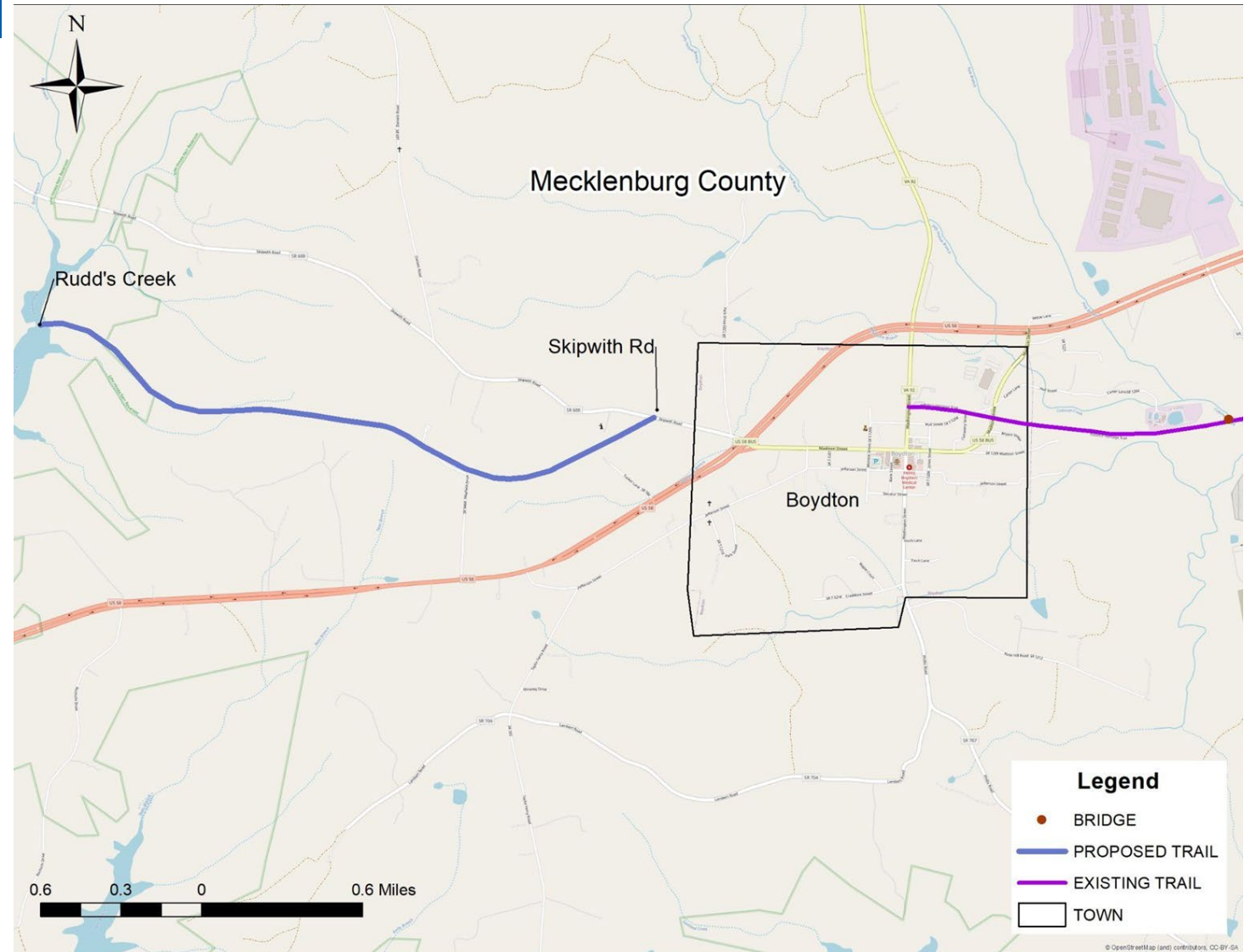
Length: 2.0 miles

Surface Type: Aggregate

Ownership: Roanoke River Rails to Trail, Inc.

Maintenance: Roanoke River Rails to Trail, Inc.

Cost Estimate: TBD



Tobacco Heritage Trail

Background & Updates

- **Tobacco Heritage Trail Master Plan is currently being updated; anticipated completion in early 2023**
- **Initial stakeholder coordination through Southside Planning District Commission (PDC)**

Next Steps:

- **Begin Preliminary Engineering**
- **Address Connectivity**

Eastern Shore Rail Trail

VDOT District: Hampton Roads

Localities: Accomack County, Northampton County;
includes 12 incorporated towns

Length: 46.3 (49.1 miles with Cape Charles section)

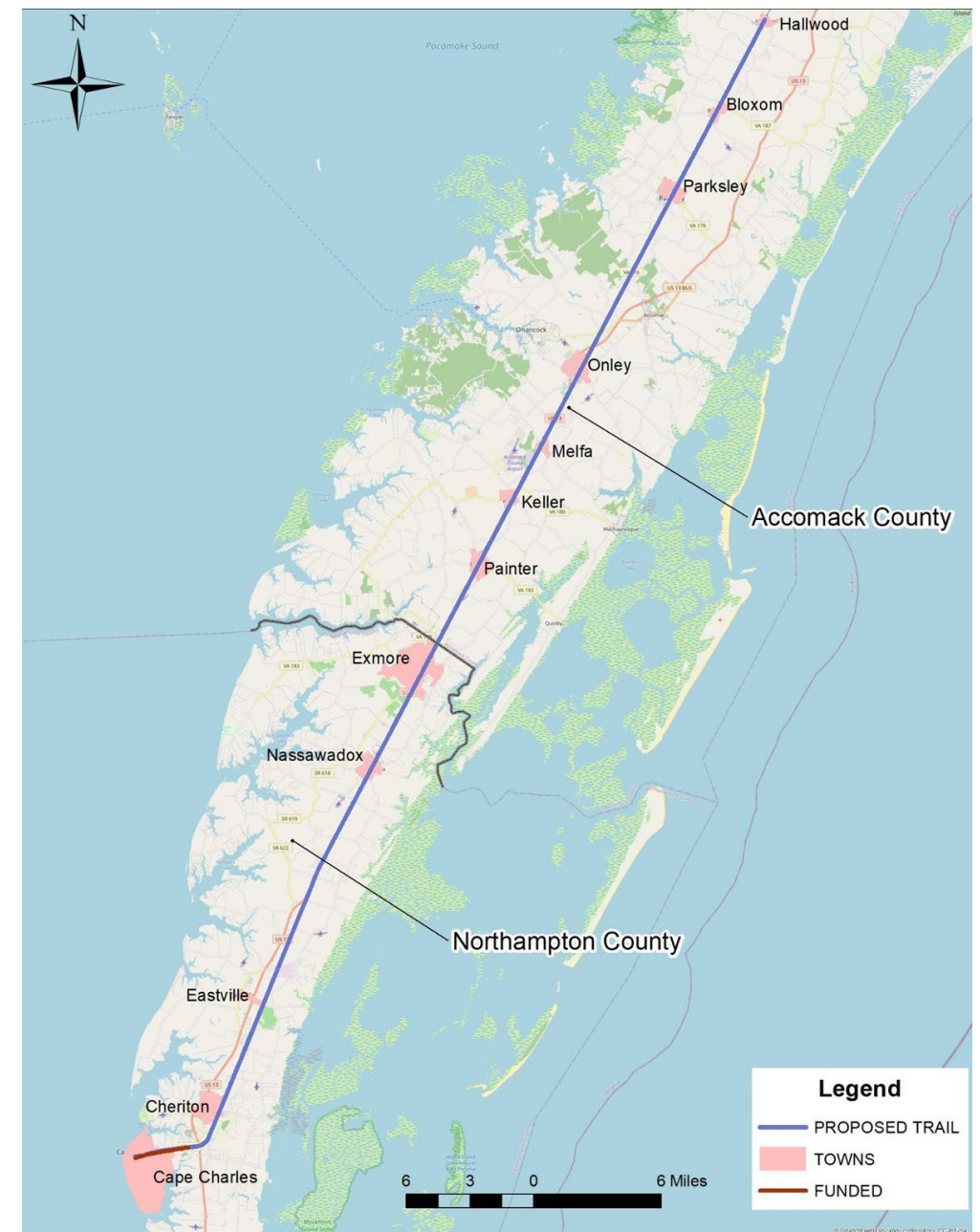
Surface Type: Paved and Aggregate

Ownership: Canonie Atlantic Company

Maintenance: Eastern Shore Rail Trail Foundation

Railbanked: Yes (Eastern Shore Rail Trail Foundation)

Cost Estimate: \$32 - \$40M



Eastern Shore Rail Trail

Background & Updates

- **Eastern Shore Rail to Trail Feasibility Study completed in December 2020**
- **Railbanked in 2020**
- **Accomack Northampton Planning District Commission submitted 4 separate SMART SCALE round 5 applications**
- **FY22 \$2.5 Congressional earmark for construction of a ‘shared use path’ from the Cape Charles park & ride lot (Route 13) to Cape Charles**

Next Steps:

- **Begin Preliminary Engineering**

Next Steps

- **Stakeholder and Public Outreach on State Trails Plan**

Priority Trails:

- **Continue development or validation of scope, schedules, and cost estimates**
- **As applicable, determine Preliminary Engineering & Environmental Review Requirements to inform trail planning**

Transportation Alternatives Trails Allocations to Meet Budget Bill (HB30 Chapter 2) Item 452 I

 Russell Dudley, Local Assistance Division

December 6, 2022

FY23/24 Transportation Alternatives Program (TAP) Allocations to Regional Trails

Budget Bill (HB30 Chapter 2) Item 452 I – Requires \$14M from FY 2023/2024 Transportation Alternatives Program (TAP) be set aside for regional multi-use trails. Priority shall be given to new regional trails, projects to improve connectivity of existing trail networks, and geographic diversity in the use of such funds.

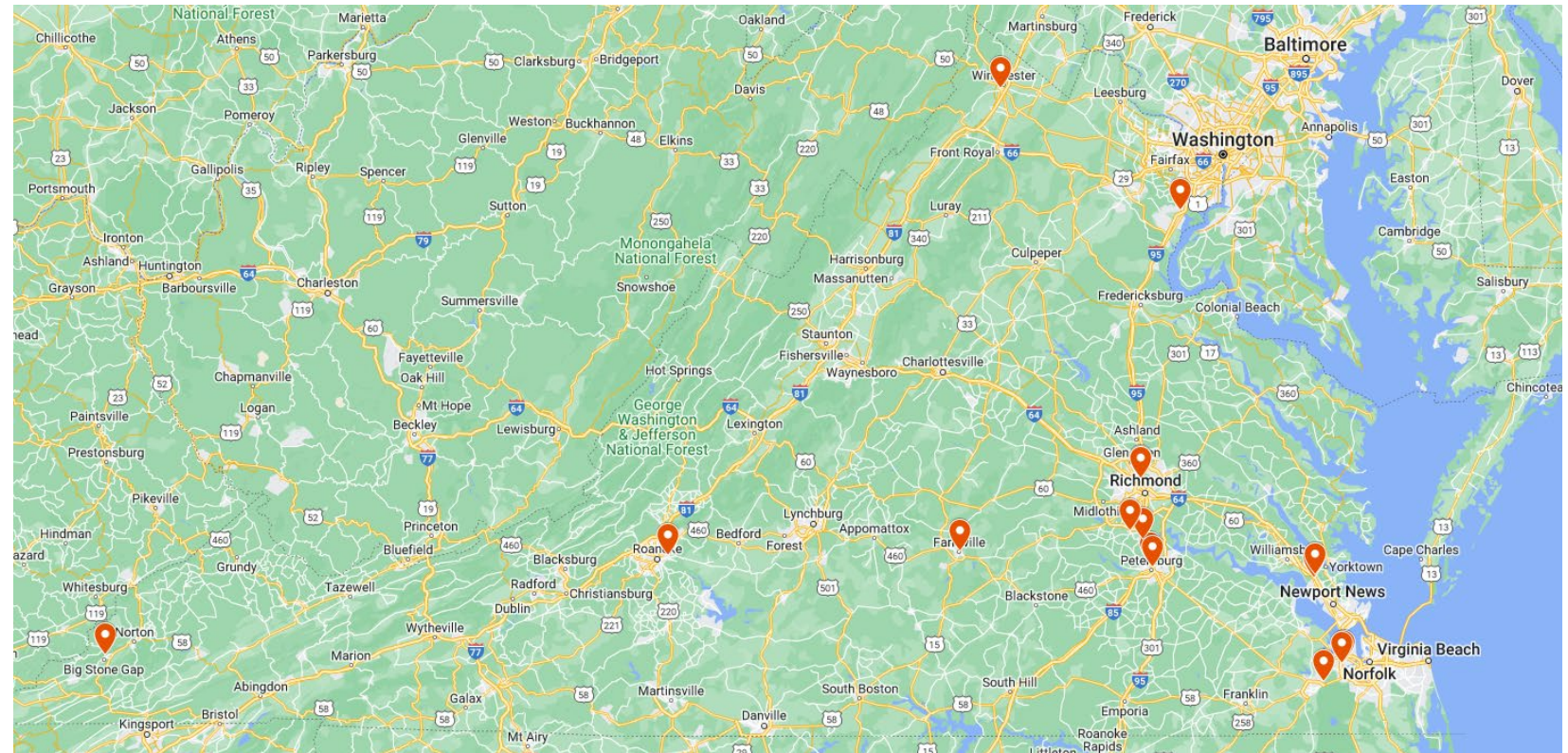
FY 23/24 TAP selection process provided \$11,790,740 in eligible trail projects, leaving \$2,209,260 for “future allocation” (as noted in September 2022 CTB Workshop Presentation)

FY23/24 Transportation Alternatives Program Review

Funded 16 Trail Projects during FY 23/24 Round

District (# of trail projects funded)

- Bristol (1)
- Hampton Roads (5)
- Lynchburg (1)
- NOVA (1)
- Richmond (6)
- Salem (1)
- Staunton (1)



Recommendation for Remaining \$2,209,740

Review of FY 23/24 TAP applications completed

Recommendation:

1. Fully fund those trail-eligible projects that received TAP funding in FY23/24 but were not fully funded:

- Henrico Lakeside Community Trails Phase 2 @ \$24,939
- Colonial Heights Appomattox Greenway Blvd Spur @ \$175,514
- Roanoke County Glade Creek Greenway @ \$126,042

2. Fund the next highest scoring trail projects within localities ready to utilize funding

- Meadow Creek Shared Use Path and Bridge – Charlottesville @ \$1,000,000
- Mason Neck Trail – Fairfax County @ \$800,000

TAP Funded Trail Projects with Additional Allocations

QUESTIONS

RECREATIONAL ACCESS PROGRAM

3 ALLOCATION REQUESTS

Brunswick & Montgomery County and Town of Tappahannock

Russell Dudley, Local Assistance Division

December 6, 2022

Recreational Access Projects

- **Virginia Code: 33.2-1510 – Funding for access roads and bikeways to public recreational and historical sites**
- **The Recreational Access Program provides localities with allocations to assist in providing adequate access to public recreational and historic sites**
- **The locality’s governing body must pass a Resolution to officially request Recreational Access funding**
- **The Department of Conservation and Recreation (DCR) or the Department of Historic Resources (DHR) must provide a project recommendation letter**

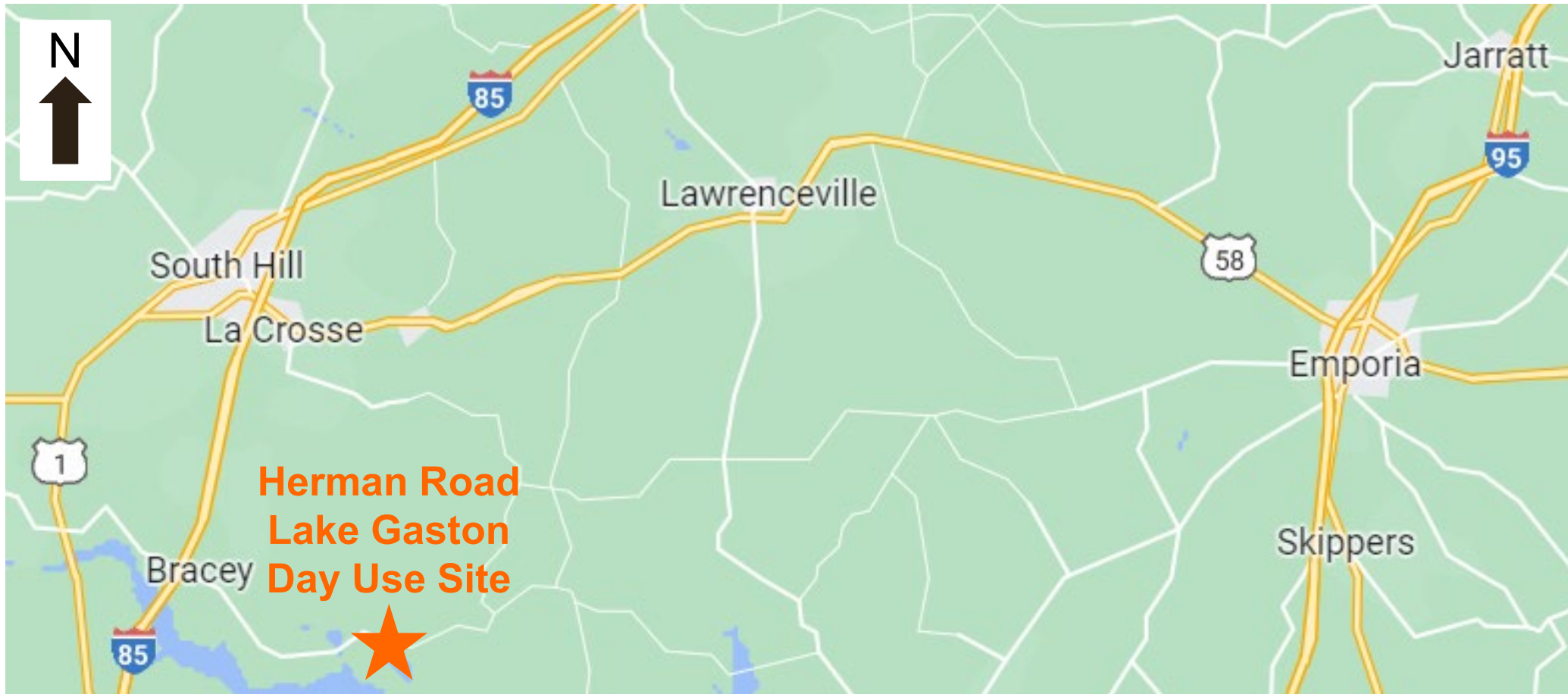
	Maximum Available - State Operated Facility	Maximum Available - Locality Operated Facility
Roadway	\$400,000 (unmatched)	\$250,000 (unmatched), \$100,000 (matched)
Bikeway	\$75,000 (unmatched)	\$60,000 (unmatched), \$15,000 (matched)

Recreational Access Projects

Three for Review Today:

- ❑ **BRUNSWICK COUNTY – HERMAN ROAD LAKE GASTON DAY USE SITE**
- ❑ **MONTGOMERY COUNTY – AUBURN PARK**
- ❑ **TOWN OF TAPPAHANNOCK – HOSKINS CREEK PAR**

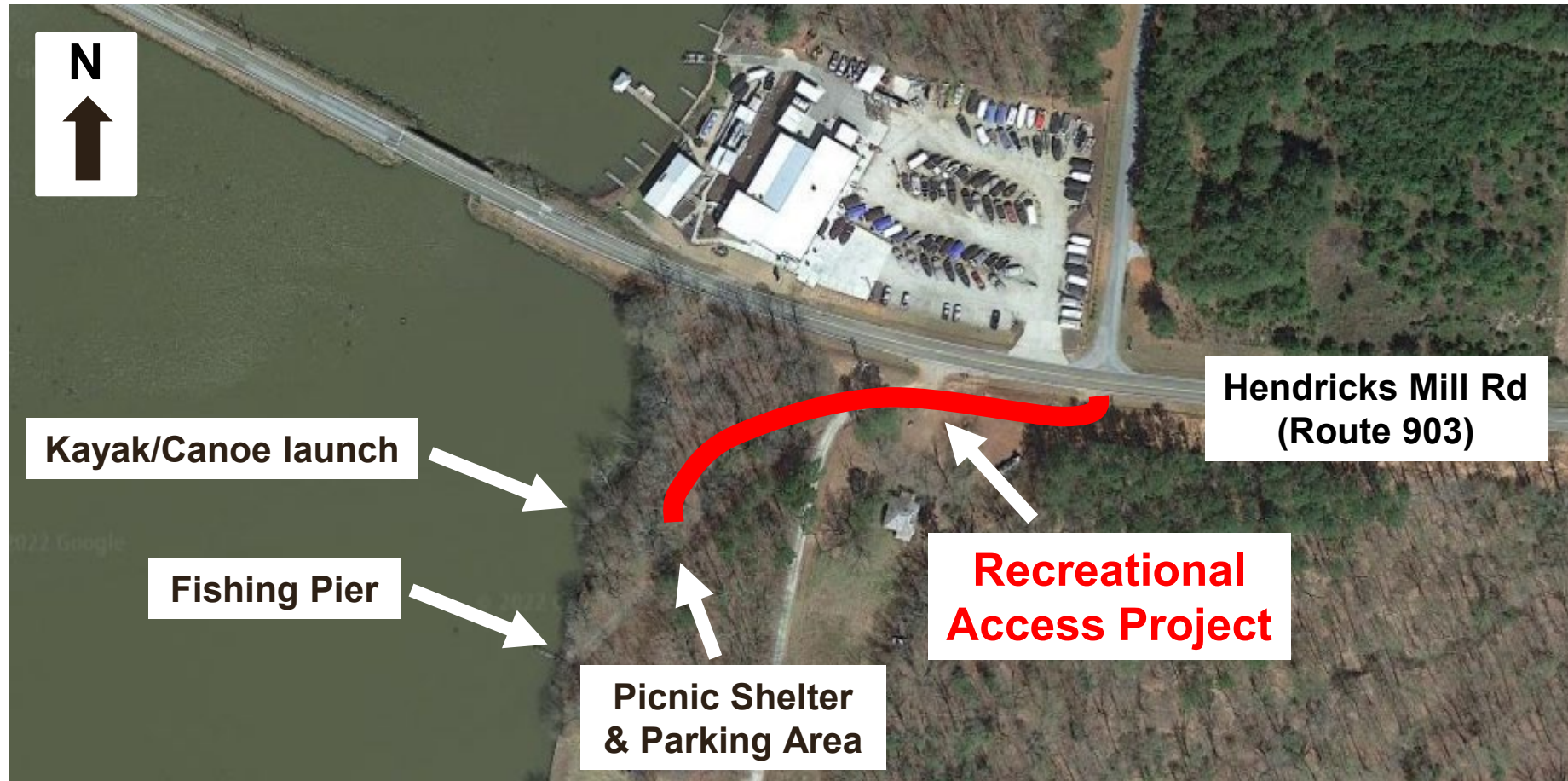
Herman Road Lake Gaston Day Use Site, Brunswick County



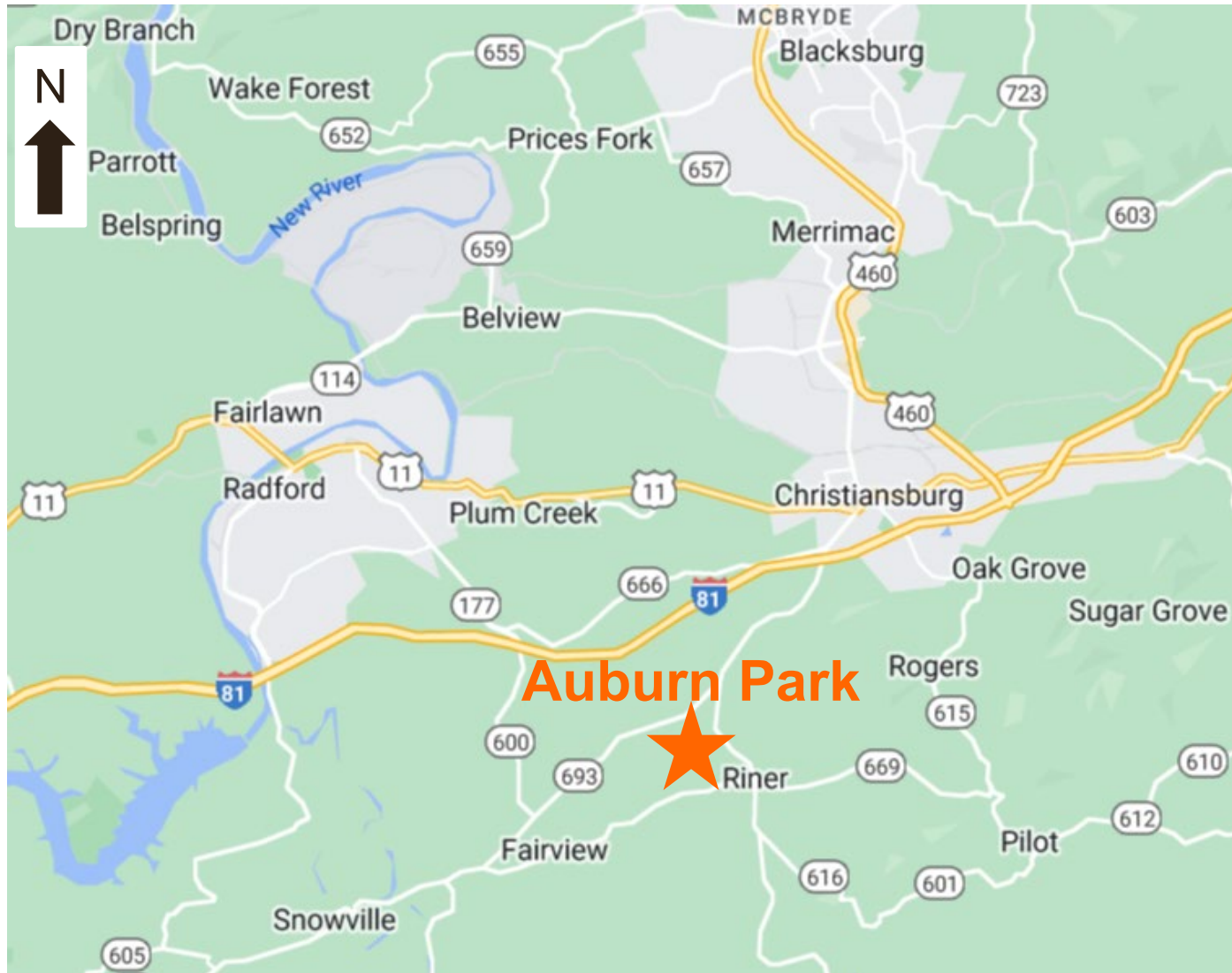
Herman Road Lake Gaston Day Use Site, Brunswick County

- **Herman Road Lake Gaston Day Use Site totals 14.6 Acres**
- **New roadway proposed from Route 903 (Hendricks Mill Rd) to the proposed parking area**
 - **State Project # RECR-012-800**
 - **This Recreational Access request is for the construction of a 0.11-mile long, 24-foot wide access road**
 - **The new access road will serve as the main park entrance and replace the existing private road entrance on Route 903**
 - **Brunswick County will administer this project**
 - **This project has a total estimate of \$450,000**
 - **Project State Allocation: \$350,000**
 - **(\$250,000 unmatched, \$100,000 matched)**

Herman Road Lake Gaston Day Use Site, Brunswick County



Auburn Park, Montgomery County



Auburn Park, Montgomery County

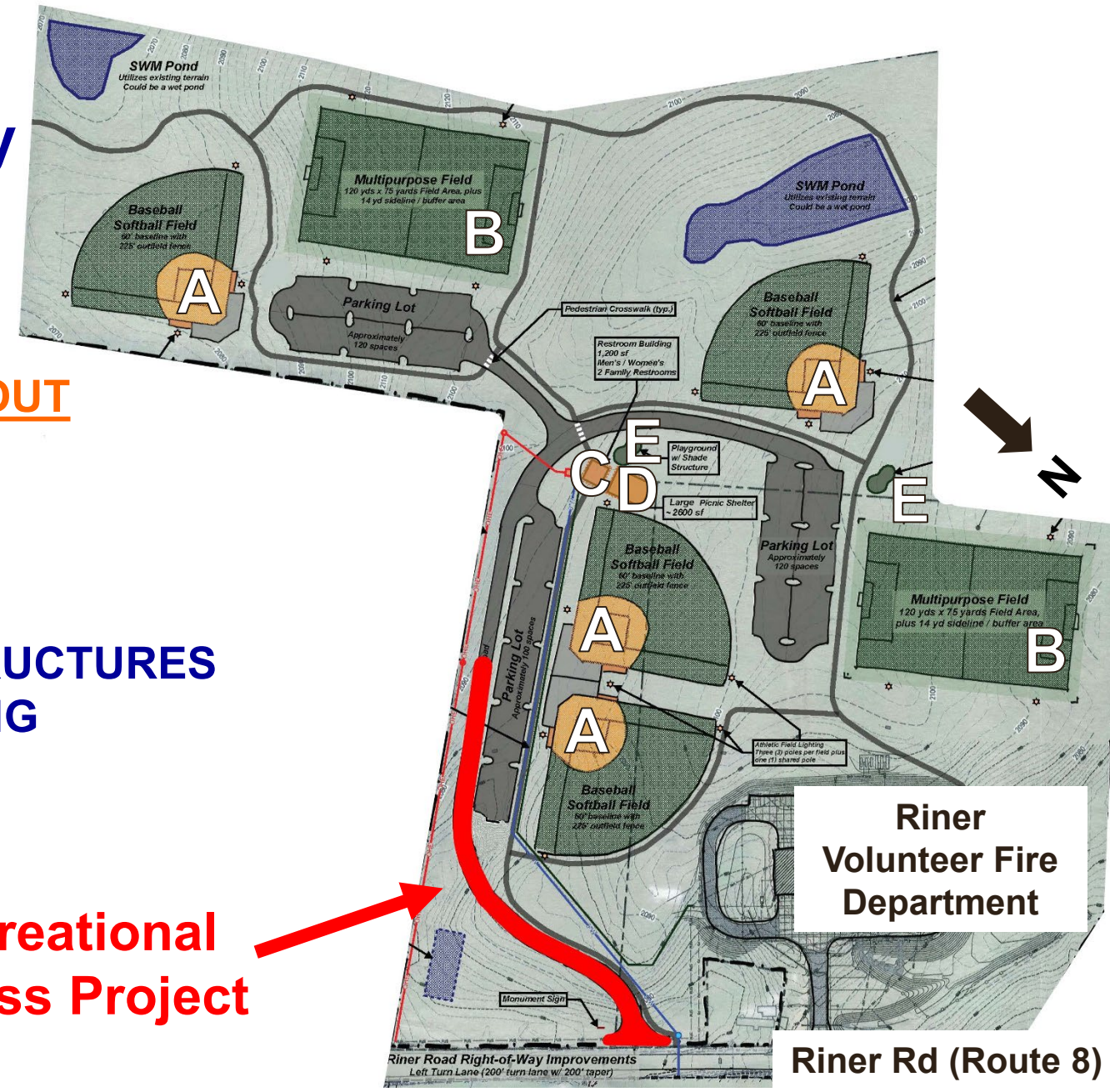
- **Auburn Park totals 38 Acres**
- **New roadway proposed from Route 8 (Riner Rd) to the proposed parking area**
 - **State Project # RECR-060-877**
 - **This Recreational Access project request is for the construction of a 0.18-mile long, 24-foot wide access road to Auburn Park**
 - **The new access road will serve as the main park entrance**
 - **This project has a total estimate of \$1,231,495**
 - **Montgomery County will administer this project**
 - **Project State Allocation: \$350,000**
 - **(\$250,000 unmatched, \$100,000 matched)**

Auburn Park, Montgomery County

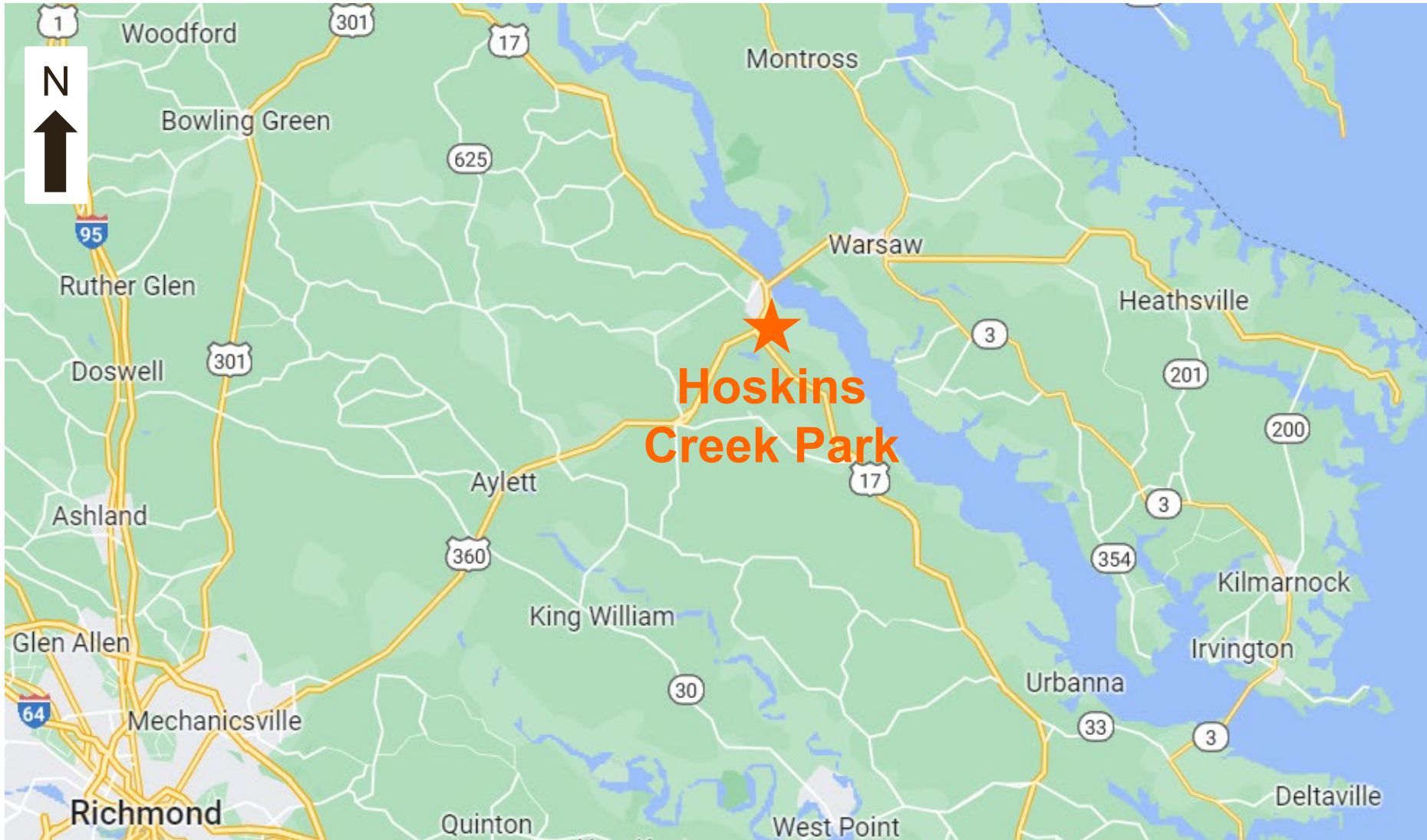
AUBURN PARK MASTER PLAN FULL BUILD-OUT

- A: FOUR (4) BASEBALL / SOFTBALL FIELDS**
- B: TWO (2) MULTI-PURPOSE FIELDS**
- C: ONE (1) RESTROOM FACILITY**
- D: ONE (1) LARGE PICNIC SHELTER**
- E: TWO (2) PLAYGROUNDS WITH SHADE STRUCTURES**
- PARKING FOR ~340 SPACES WITH LIGHTING**
- EXTENSIVE WALKING TRAILS**
- ATHLETIC FIELD LIGHTING**
- STORMWATER MANAGEMENT**

**Recreational
Access Project**



Town of Tappahannock, Hoskins Creek Park



Town of Tappahannock, Hoskins Creek Park

- **Hoskins Creek Park totals 6.8 Acres**
- **New roadway proposed from Route 17 (Tappahannock Blvd) to the roadway's cul-de-sac**
 - **State Project # RECR-310-174**
 - **This Recreational Access project request is for the construction of a 0.09-mile long, 24-foot wide access road to Hoskins Creek Park**
 - **The new access road will serve as the main park entrance and replace the existing entrance on Route 17**
 - **The Town of Tappahannock will administer this project**
 - **This project has a total estimate of \$450,000**
 - **Project State Allocation: \$350,000**
 - **(\$250,000 unmatched, \$100,000 matched)**

Town of Tappahannock, Hoskins Creek Park



Next Steps

- **January 2023 meeting, the CTB will be presented with Resolutions proposing to establish three new Recreational Access Projects**
 - **RECR-012-800, Brunswick County**
 - **RECR-060-877, Montgomery County**
 - **RECR-310-174, Town of Tappahannock**
- **Following CTB approval, VDOT and will enter into a Standard State-Aid Agreement with all three localities**
- **All three Recreational Access projects will be Locally Administered**



SMART SCALE PROPOSED PROJECT CANCELLATION

ROUTE 31 BICYCLE ACCOMMODATION (UPC 115511) – HAMPTON ROADS DISTRICT

Commonwealth Transportation Board

Kimberly Pryor – Director, Infrastructure Investment

December 6, 2022

SMART SCALE Policy - Project Cancellation

SMART SCALE Policy on Project Cancellation, December 2021

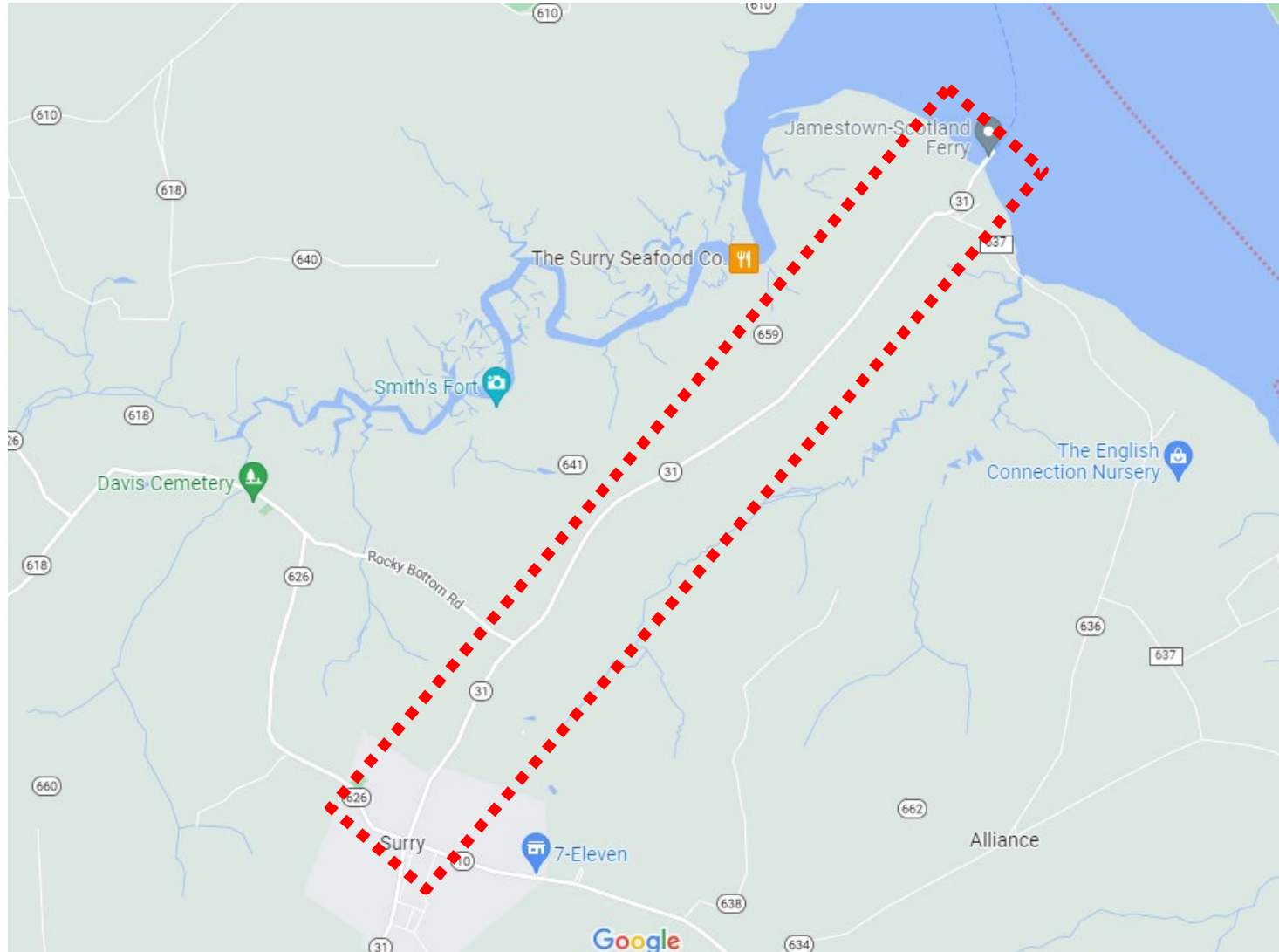
- A project that has been selected for funding through either the High Priority Projects Program or Construction District Grant Program may be cancelled only by action of the Board

Project Information

Route 31 Bicycle Accommodations UPC 115511

- Submitted by Surry County in Round 3 of SMART SCALE
 - Total Original Project Cost: \$9,600,000
 - Total SMART SCALE Request: \$9,600,000
 - Request funded with DGP funds
- Original Scope Included:
 - 4 miles of 5-foot wide shoulder improvements on Route 31 in Surry County from the Town of Surry to the Jamestown Scotland Ferry
 - Project is VDOT administered and the Preliminary Engineering phase has started

Project Location



Project Snapshot

	Original Application
Total \$	\$9.6M
SMART SCALE \$	\$9.6M (DGP)
Score	1.8
Funding Scenario	26/32
Current Project Estimate	\$15.6M

Change in Project Cost

What changed after project selection?

- The project is planned through a corridor with significant right-of-way constraints and utility impacts (waterline)
- These cost were not fully addressed in the application estimate
- On November 3, 2022 the Surry County Board of Supervisors recommended cancellation of the project

Recommendation for Action

- **Approve proposed project cancellation in January**



SMART SCALE BUDGET INCREASE REQUEST

ROUTE 15 AND ROUTE 360 ROUNDABOUT (UPC 110767) – LYNCHBURG DISTRICT

Commonwealth Transportation Board

Kimberly Pryor – Director, Infrastructure Investment Division

December 6, 2022

SMART SCALE Policy

SMART SCALE Policy on Scope Changes and/or Budget Increases, December 2021

- Significant changes to the scope or cost of a SMART SCALE project require a reevaluation
- Board action is required to approve a SMART SCALE budget increase:
 - » i. Total Cost Estimate <\$5 million: 20% increase in funding requested
 - » ii. Total Cost Estimate \$5 million to \$10 million: \$1 million or greater increase in funding requested
 - » iii. Total Cost Estimate > \$10 million: 10% increase in funding requested; \$5 million maximum increase in funding requested

Project Information

Route 15 and Route 360 Roundabout (UPC 110767)

Submitted by Charlotte County in Round 2 of SMART SCALE

- Total Original Project Cost: \$7,514,634
- Total SMART SCALE Request: \$7,514,634
- Project was funded to a reduced amount of \$5,217,268 due to anticipated cost savings in design
- Request funded with DGP funds
- Original scope included:
 - Construction of a roundabout at Route 15 and Route 360
- Project is VDOT administered and is scheduled for advertisement in December 2022

Project Budget Increase

- Project was approved for a beyond-threshold, inflation-based adjustment in October 2022
- Estimated budget increase required to go to advertisement is \$1,217,620
- Current budget shortfall is due to several factors
 - Construction of an additional leg of the roundabout that improved operations and increased overall safety in response to public comments
 - Additional pavement demolition
 - Unanticipated mitigation for unsuitable soils
- Sufficient deallocated DGP funds are available to cover the increase

	Original Application*	October 2022 Inflation Adjustment	Proposed Budget Increase
Total \$	\$5.2M	\$6.4M	\$7.7M
SMART SCALE \$	\$5.2M (DGP)	\$6.4M (increase of \$1.2M)	\$7.7M (increase of \$1.2M)
Score	12.57	10.16	8.55
Funding Scenario	4/10	4/10	5/10
Expenditures as of 11/7/22			\$1.0M

*Based on approved budget.

Recommendation for Action

- **Approve budget increase request in January 2023**
 - Fund increase from surplus DGP balances

HPP Deallocated Funds	Amount
Available	\$2,315,309
Less Proposed Budget Increase for UPC 110767	\$1,217,620
Total Remaining	\$1,097,689



SMART SCALE BUDGET INCREASE REQUEST

SOUTHERN CONNECTOR (UPC 105907) – STAUNTON DISTRICT

Commonwealth Transportation Board

Kimberly Pryor – Director, Infrastructure Investment Division

December 6, 2022

SMART SCALE Policy

SMART SCALE Policy on Scope Changes and/or Budget Increases, December 2021

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- Board action is required to approve a SMART SCALE budget increase:
 - » i. Total Cost Estimate <\$5 million: 20% increase in funding requested
 - » ii. Total Cost Estimate \$5 million to \$10 million: \$1 million or greater increase in funding requested
 - » iii. Total Cost Estimate > \$10 million: 10% increase in funding requested; \$5 million maximum increase in funding requested

Project Information

Southern Connector (UPC 105907)

- Submitted by City of Waynesboro in Round 1 of SMART SCALE
 - Total Original Project Cost: \$16,088,466
 - Total SMART SCALE Request: \$12,611,870
 - Request funded with DGP funds
- Original scope included
 - Construction of 1.6-mile new, two-lane roadway, located south of Interstate 64 between Exits 94 and 96 (Rosser Avenue and Delphine Avenue)
 - Project is VDOT administered and is scheduled for advertisement in December 2022

Project Location

Southern Connector (UPC 105907)



Project Budget Increase

- Estimated SMART SCALE budget increase required to go to advertisement is \$5,598,473, represents an increase of 44%
- Factors contributing to the cost increase
 - Earthwork requirements due to geotechnical investigation
 - Additional box culvert quantities and costs to minimize impacts to floodplain
 - Underestimated stormwater management costs
 - Higher than anticipated utility relocation costs
 - Updated unit costs and inflation

Project Budget Increase

- The City of Waynesboro provided an additional \$1,282,920 for the project
- Modified scope to reduce costs
 - Removed Delphine Avenue turn lane improvements
 - Removed roundabout at Lyndhurst
 - Significantly reduced improvements to N. Oak Lane
 - Reduced shoulder width and earthwork

	Original Application	December 2022
Total \$	\$16.1M	\$23.0M
SMART SCALE \$	\$12.6M (DGP) \$3.5M leveraged	\$18.2M (DGP) \$4.8M leveraged
Score	1.8	1.2
Funding Scenario	15/18	15/18
Expenditures as of 11/17/22		\$4.8M

Recommendation for Action

- **Approve budget increase request in January 2023**
 - Staunton District DGP balance entry is insufficient to fully fund the shortfall; funding will need to be taken from Round 5 DGP balances

Staunton District DGP Deallocated Funds	Amount
Available	\$2,929,653
Less Proposed Budget Increase for UPC 105907	\$5,598,473
Total Remaining from Round 5 DGP Balance	-\$2,668,820





Rail Industrial Access

Hershey Chocolate of Virginia, Inc.

Michael Todd, Director of Rail Programs

December 6, 2022



Hershey Chocolate of Virginia, Inc.

- **Location:** Stuarts Draft, Augusta County
- **Purpose:** Snack company manufacturing more than 80 brands which include Hershey's, Reese's, Kit Kat, SkinnyPop, and Jolly Rancher
- **Activity:** Rail is used for incoming raw material from Midwest and Southern U.S.





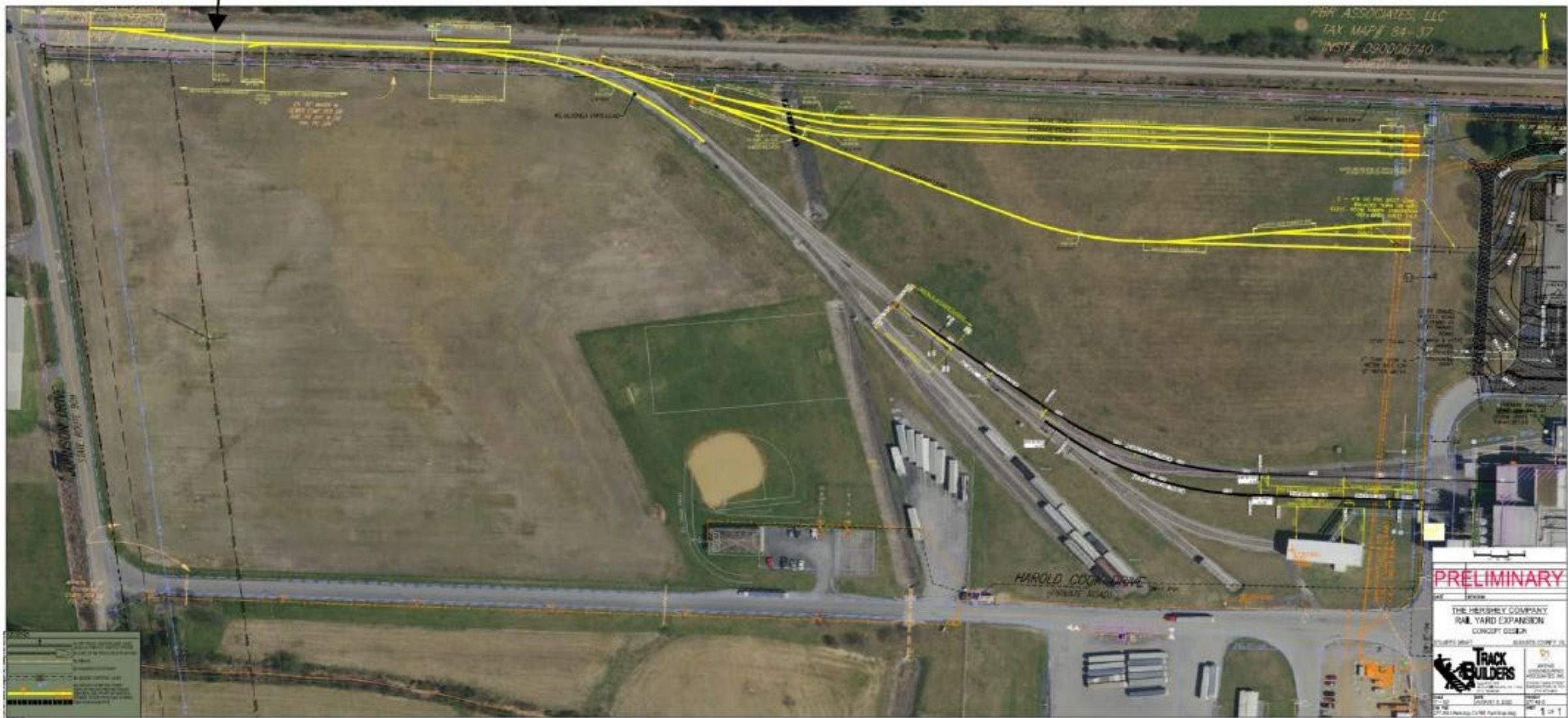
Reese's
pieces
PEANUT BUTTER CANDY IN A CRUNCHY SHELL
WT .49 OZ (13 g)

Hershey Chocolate of Virginia, Inc.

Request:

- \$450,000 (\$5M total rail cost)
- 4,750 ft of new industrial spur
- \$140M Total Investment

Site Location





Project Benefits

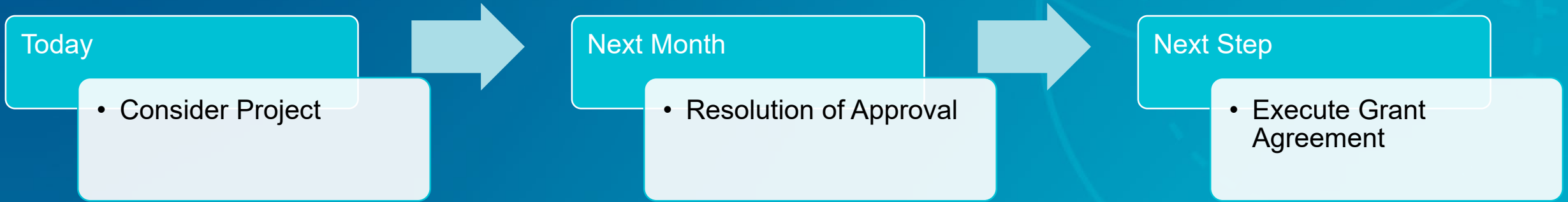
- Carloads: 145 / year (1,175 existing)
- Employment: 111 new jobs
Existing EDA
Below Avg. Unemployment
- Funding: 91% private match for
Rail Construction

Project Score

Categories	Score
Carloads	8
Jobs	20
VA % of Total Investment	10
Private % of Rail Investment	10
Local Unemployment	0
Economic Development	10
Shortline	0
TOTAL	58



Recommendation





DRPT FY 2023 Revised Budget Update

Commonwealth Transportation Board

Jennifer B. DeBruhl, Director

December 6, 2022



CTF Revenue Updates - October

- Additional \$3.9M to the Commonwealth Mass Transit Fund, distributed by formula
 - Operating Assistance (27%) – Hold in reserve for FY24 applications
 - Special Programs (2.5%) – Hold in reserve for FY24 applications
 - Capital Programs (18%) – Allocate to address impact of inflation on capital construction projects
 - TRIP (6%) – Hold in reserve for FY24 applications
 - NVTTC/WMATA (46.5%) – Allocate in accordance with the Code of Virginia
- Additional \$1.3M to the Commonwealth Rail Fund
 - Freight Programs (7%) – Hold in reserve for FY24 applications
 - Passenger Rail (93%) – Allocate in accordance with the Code of Virginia and transfer to VPRA
- General Fund Commitments to Transportation
 - Transit Ridership Incentive Program - \$5M, reflected in DRPT budget adopted in June and allocate to eligible projects

Budget vs. SYIP

- Six Year Improvement Plan (SYIP) allocates funds based on estimated revenues and approved projects
- Budget is based on projected spending for over 2,000 projects
 - DRPT prepares a cash flow forecast for each project on an annual basis, or when new projects are added to the program
 - Revised budget reflects anticipated spending of new revenues in FY23 only and not the full revenue forecast



DRPT Budget FY 2023 Revised

(Dollars in Millions)

	Adopted FY 2023	Revised FY 2023	Increase
Public Transportation Programs	771.3	777.6	6.3
Other Programs	26.6	26.6	-
Rail Assistance Programs	36.5	36.5	-
VPRA Payments	184.5	185.7	1.2*
Agency Operating Budget	18.3	18.3	-
Total Budgeted Expenditures	1,037.2	1,044.7	7.5

* Expenditure driven by formula established in the Code of Virginia

Public Transportation Programs Budget

(Dollars in Millions)

	Adopted FY 2023	Revised FY 2023	Increase
Operating Assistance	215.1	215.1	-
Capital Assistance	120.5	122.5	2.0
Special Programs	8.6	8.6	-
NVTC/WMATA	250.8	252.6	1.8*
Ridership Incentive Program	21.8	24.3	2.5
WMATA Dedicated Funding	154.5	154.5	-
Total Public Transportation	771.3	777.6	6.3

* Expenditure driven by formula established in the Code of Virginia



DRPT FY 2023 Revised Budget Update

Commonwealth Transportation Board

Jennifer B. DeBruhl, Director

December 6, 2022





DRPT SYIP Update

Grant Sparks, Director of Transit Planning

December 6, 2022



SYIP Update: New Projects

Transit Ridership Incentive Program (TRIP)

Program Overview

- Created as part of the 2020 Transportation Omnibus Bill
- Two distinct program goals:
 1. Establish transit routes of regional significance and support improvements to regional transit service (i.e. Regional Connectivity)
 2. Establish programs to reduce the impact of fares on low income populations (i.e. Zero Fare)
- CTB policy for TRIP adopted July 2021
- In 2022, the General Assembly allocated an additional \$5M to TRIP for Regional Connectivity projects
 - In response, DRPT opened a FY23 mid-cycle TRIP application focusing on Regional Connectivity projects

FY23 Mid-Cycle TRIP Applications

DRPT received four (4) TRIP applications:

- Radford Transit – Route 40/41
Connects Radford to Christiansburg and Blacksburg. Service hour improvements and expansion.
- Northern Shenandoah Valley Regional Commission (NSVRC) – RideSmart
Commuter service between Front Royal and Gainesville. New service.
- Greater Richmond Transit Company (GRTC) – Package of Microtransit Projects
Microtransit service in Henrico, Chesterfield, Powhatan, New Kent, and Ashland. New services.
- Loudoun County Transit – Package of Silver Line Metrorail Connections
Bus service connecting to the new Ashburn, Loudoun Gateway, and Dulles International Airport Metro stations. New services.

FY23 Total Funding Request: \$8.8M

FY23-27 Total Funding Request: \$22.7M

FY23 Mid-Cycle TRIP Recommendations

- Applications were evaluated and scored per CTB policy
- DRPT recommends mid-cycle FY23 TRIP funding for the following projects:

Applicant	Project	Application Type	FY23 Local Funding	FY23 State Funding	FY23-FY27 Local Funding	FY23-FY27 State Funding
Radford Transit	Route 40/41	Service Expansion	\$44,264	\$177,057	\$282,217	\$371,746
GRTC*	Henrico, Chesterfield, & New Kent Microtransit	New Service	\$581,440	\$2,325,760	\$2,717,390	\$4,057,766
Loudoun County Transit**	Routes 251, 381, 320/321	New Service	\$585,779	\$2,343,115	\$8,067,056	\$7,250,812
				\$4,845,932		\$11,680,324

*DRPT recommends TRIP funding for 3 of the 5 proposed GRTC microtransit services

**DRPT recommends TRIP funding for 4 of the 16 proposed Loudoun County services

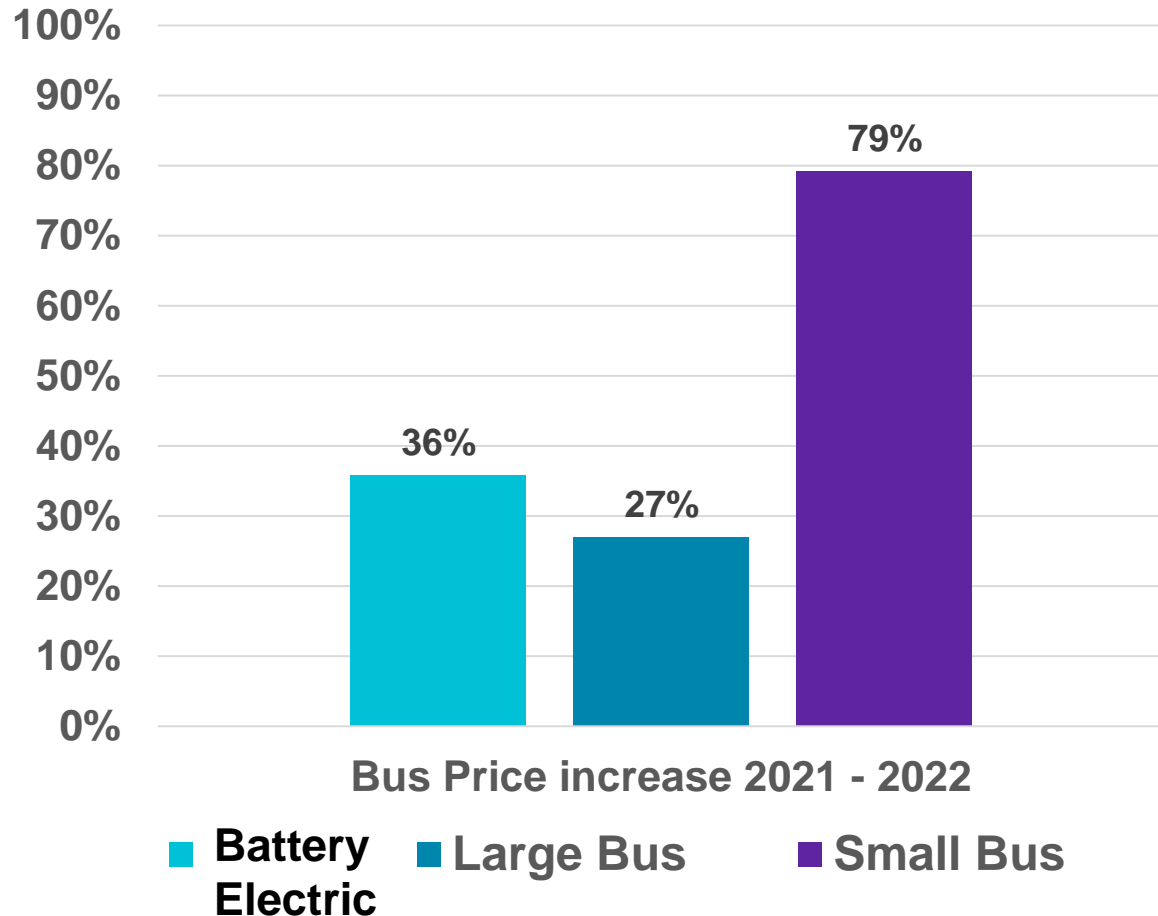
SYIP Updates: Other New Transit Projects

District	Grantee	DRPT Program	Project	Requested Funding
Fredericksburg	FRED Transit	MERIT Capital	One Replacement Service Truck	\$12,800*
Fredericksburg	FRED Transit	MERIT Capital	One Expansion Service Vehicle	\$5,600*
Fredericksburg	FRED Transit	MERIT Capital	Misc. Shop Equipment	\$14,400*

*No additional state funding required for these projects. FRED re-scoped an existing grant, creating three (3) new projects for the same amount of funding.

SYIP Update: Funding Transfers

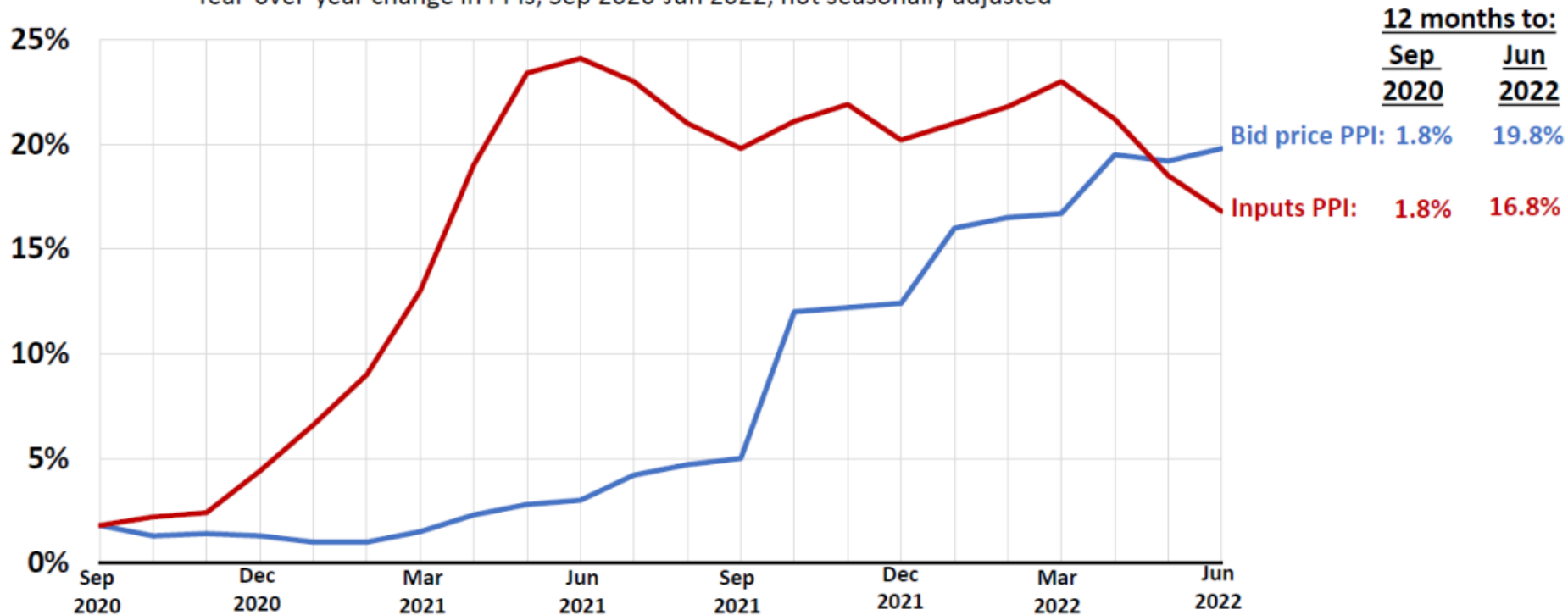
Transit Cost Trends



- Large cost increases and shortages across transit operations, vehicle costs, and facilities construction
 - Up to 79% increase per transit vehicle
 - Wage cost increases for drivers and mechanics
 - Associated General Contractors of America data shows increase of 69% for fuel
 - Bus driver employment sustained heavy losses since 2020
- Bus manufacturing and delivery: Increased from 6 months to 3 years for small vehicles

Input Costs vs. Bid Prices Vertical Construction

Costs vs. bid prices for new nonresidential construction
Year-over-year change in PPIs, Sep 2020-Jun 2022, not seasonally adjusted



- Nationally, bids have continued to increase even as input costs have flattened as contractors seek to protect themselves from more cost uncertainty and recoup losses

Source: Bureau of Labor Statistics, producer price indexes, www.bls.gov/ppi

SYIP Updates: Transit Project Adjustments

District	Grantee	DRPT Program	Project	Approved Funding	Additional Funding
Culpeper	Rappahannock-Rapidan Community Services	5310	6 Human Service Vehicles (FY21)	\$376,134	\$301,080*
Culpeper	Rappahannock-Rapidan Community Services	5310	6 Human Service Vehicles (FY22)	\$387,834	\$289,380*
Staunton	Northwestern Community Services	5310	5 Human Service Vehicles (FY21)	\$315,425	\$256,375*
Salem	Blacksburg Transit	MERIT Capital	Admin. & Maintenance Facility	\$9,379,094	\$7,027,173
Hampton Roads	WATA	MERIT Capital	Admin. & Maintenance Facility	\$11,493,753	\$3,798,144

*No state funding is allocated to 5310 capital projects. The increase in funding is federal-only.



DRPT SYIP Update

Grant Sparks, Director of Transit Planning

December 6, 2022





COMMONWEALTH of VIRGINIA
Office of the
SECRETARY of TRANSPORTATION

SMART SCALE Update Screening and Validation

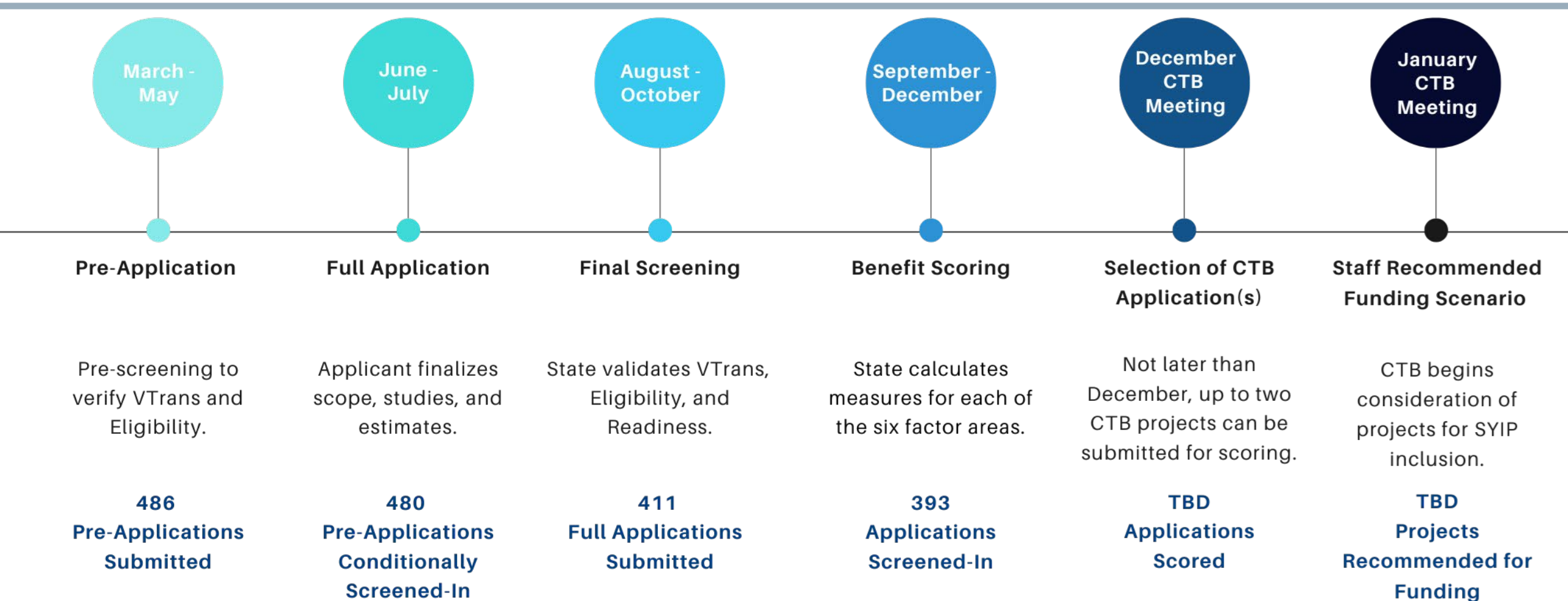
Brooke Jackson, P.E. – SMART SCALE Program Manager

Office of Intermodal Planning and Investment

December 2022



Fiscal Year 2024 Program Cycle Timeline



Summary of Full Applications

District	Number of Applications	Request (Millions)*	Total Cost (Millions)*
Bristol	22	\$515	\$515
Culpeper	38	\$495	\$495
Fredericksburg	46	\$485	\$580
Hampton Roads	59	\$1,020	\$1,460
Lynchburg	30	\$470	\$470
Northern Virginia	38	\$1,820	\$2,620
Richmond	88	\$1,780	\$2,100
Salem	48	\$745	\$770
Staunton	42	\$335	\$375
Grand Total	411	\$7,665	\$9,385

*Data as of August 2, 2022 – Rounded to nearest \$5M

**Does Not Include Potential (up to two) CTB Applications

Screening Decisions

- Application Withdrawn
- Does Not Meet VTrans Need
- Project Readiness – Insufficient project development
- Project Eligibility – Examples below are not eligible
 - Stand-alone study
 - “In-kind” repair or replacement
 - Not contiguous, proximate, or of the same improvement type
 - Fully funded projects
 - An entity must wait for two rounds post construction before submitting a new application meeting the same VTrans Need as the previously funded project

Round 4 to Round 5 Screening Improvements

- SMART Portal Pre-Scoping Application implemented in December 2021
 - A year-round application that can be imported into any of the funding programs (SMART SCALE, Revenue Sharing, State of Good Repair, Transportation Alternatives, and Highway Safety Improvement Program applications)
- SMART Portal Pre-Application and Full Application Enhancements
 - Applicants received real-time readiness warnings quoting the technical guide
 - Over 100 applications had serious issues that were reduced to less than 15
- Screening
 - Used mapping to identify application overlap with previously funded SMART SCALE projects

Screen Out Decisions by Round

District	FY 2017 Round 1	FY 2018 Round 2	FY 2018 Round 3	FY 2020 Round 4	FY 2022 Round 5
Bristol	10	5	4	0	0
Culpeper	0	0	0	2	0
Fredericksburg	0	3	1	1	0
Hampton Roads	5	9	2	0	2
Lynchburg	2	0	2	1	1
Northern Virginia	1	3	4	1	5
Richmond	14	7	6	3	3
Salem	2	3	4	1	0
Staunton	0	3	0	0	0
Grand Total	34 of 321	33 of 437	23 of 468	9 of 405	11 of 411
	11%	8%	5%	2%	3%

Screen Out Decisions

Application Name	ID	Issue	Detail	Organization	District	Total Cost	Total Request
Connector Road Expansion at Berry Hill	9017	Readiness & Eligibility	Insufficient project development on required OSAR/IAR/Study	Danville Metropolitan Planning Organization	Lynchburg	\$78,163,121	\$78,163,121
Powhite Parkway Extension, Ph I	9485	Readiness	Insufficient project development on required OSAR/IAR/Study	Richmond Regional Transportation Planning	Richmond	\$233,068,174	\$123,912,477
G Walmsley Boulevard Streetscape Improvements	8935	Readiness	Missing required study	Richmond City	Richmond	\$52,742,192	\$52,742,192
A Arts District BRT Station ADA Access / Safety Streetscape	8999	Readiness & Eligibility	Majority of cost relates to replacement of existing assets and is a systemic improvement	Greater Richmond Transit Company (GRTC)	Richmond	\$10,718,883	\$10,718,883
NB RT 168/RT 17 TO WB I-64 RAMP IMPROVEMENTS	8977	Readiness	Missing required OSAR/IAR/study	Chesapeake City	Hampton Roads	\$9,830,982	\$9,830,982
Barlow Road Shoulder Improvements	9428	Readiness	Insufficient project development	York County	Hampton Roads	\$5,632,585	\$5,632,585
Seven Corners Ring Road (Phase 1)	9036	Readiness	Concurrence on required OSAR/IAR/study	Fairfax County	Northern Virginia	\$132,317,885	\$121,856,885
Metroway Extension	9005	Readiness	Insufficient project development of scope, schedule, and estimate	Alexandria City	Northern Virginia	\$14,426,209	\$7,866,125
Duke Street and Van Dorn Street Intersection	8993	Readiness	Missing required OSAR/IAR/study	Alexandria City	Northern Virginia	\$11,591,939	\$11,591,939
I-395 Exit Ramp Improvements at Duke St	9004	Readiness	Missing required OSAR/IAR/study	Alexandria City	Northern Virginia	\$9,908,547	\$9,908,547
Arlington Blvd/Washington Blvd interchange ramp 1	9123	Readiness	Missing required OSAR/IAR/study	Arlington County	Northern Virginia	\$9,332,144	\$9,332,144

Applicant Withdrawn

Application Name	ID	Issue	Detail	Organization	District	Total Cost	Total Request
Richmond Highway Corridor Improvements	9023	Withdraw	Withdrawn by the applicant	Fairfax County	Northern Virginia	\$463,879,480	\$37,346,442
Complete High Street Innovation Corridor	9375	Withdraw	Withdrawn by the applicant	Portsmouth City	Hampton Roads	\$10,689,212	\$10,689,212
Battlefield and Volvo Intersection Improvements	9150	Withdraw	Withdrawn by the applicant	Chesapeake City	Hampton Roads	\$50,406,984	\$50,406,984
US Route 220 - Road Diet & Buffered Bike Lanes	9006	Withdraw	Withdrawn by the applicant	Covington City	Staunton	\$3,723,963	\$3,723,963
US 340 & Island Ford Road Intersection	9256	Withdraw	Withdrawn by the applicant	Rockingham County	Staunton	\$3,235,582	\$3,235,582
FLT, River Rd through VSU to Patton Pk & ART Trail	9104	Withdraw	Withdrawn by the applicant	Tri-Cities Area Metropolitan Planning	Richmond	\$14,597,364	\$14,597,364
West Broad Street Multimodal	9387	Withdraw	Withdrawn by the applicant	Greater Richmond Transit Company (GRTC)	Richmond	\$5,601,107	\$5,601,107

Next Steps

- Now through January – Finalize Screening, Validation and Scoring
- January CTB Meeting – Provide Project Scorecards and Staff Recommended Funding Scenario released