



Meeting of the Transportation District Commission of Hampton Roads

Thursday, September 22, 2022, at 1:00 p.m.
3400 Victoria Boulevard, VA – In Person

A meeting of the Transportation District Commission of Hampton Roads will be held on Thursday, September 22, 2022, at 1:00 p.m., at 3400 Victoria Boulevard, Hampton, VA – In Person.

The meeting is open to the public and in accordance with the Board's operating procedures and in compliance with the Virginia Freedom of Information Act, there will be an opportunity for public comment at the beginning of the meeting.

The agenda and supporting materials are included in this package for your review.



Meeting of the Transportation District Commission of Hampton Roads

Thursday, September 22, 2022, at 3400 Victoria Boulevard,
Hampton, VA at 1:00 p.m.

AGENDA

1. Call to Order & Roll Call
2. Public Comments
3. Approval of August 25, 2022, Meeting Minutes
4. President's Monthly Report - William Harrell
 - A. Board Updates
5. Committee Reports
 - A. Audit & Budget Review Committee - Commissioner Gray/
Conner Burns, Chief Financial Officer
 - August 2022 Financial Reports
 - B. Management/Financial Advisory Committee – Commissioner Gribble/
Conner Burns, Chief Financial Officer
 - C. Operations & Oversight Committee - Commissioner Glover/
Sonya Luther, Director of Procurement
 - **Contract No. 22-00190 Bus Stop and Facilities Maintenance, Site Improvements, and Repairs (Renewal)**

Recommending Commission Approval: Award of a contract Pembroke Construction Company, Inc. to perform a variety of bus stop and facilities maintenance, site improvements, and repair work in the not-to-exceed amount of \$5,472,787.00 for the three-year period.

- **Contract No: 22-00197 – Portable Toilet Rental**

Recommending Commission Approval: Award of a contract to Crown Cleaning Solutions, LLC to provide portable toilet rentals in the not-to-exceed amount of \$138,120.00.

- **Contract No: 22-00189 – TransitMaster Software and Hardware Support and Maintenance Services (Renewal)**

Recommending Commission Approval: Award of a contract to Vontas, to provide software and hardware support and maintenance services for HRT's TransitMaster CAD/AVL System in the not-to-exceed amount of \$2,383,024.00 over a five (5) year period.

D. Planning/New Starts Development Committee – Commissioner Ross-Hammond/
Ray Amoruso, Chief Planning & Development Officer

E. External/Legislative Advisory Committee - Commissioner Kanoyton/
Alexis Majied, Chief Communications and External Affairs Officer

F. Smart Cities & Innovation Committee – Commissioner McClellan/
Michael Price, Chief Information/Technology Officer

G. Paratransit Advisory Subcommittee – Chair Troy Bowser/
Keith Johnson, Paratransit Services Contract
Administrator

H. Transit Ridership Advisory Sub-Committee – Ms. Denise Johnson, Chair/
Rodney Davis, Director of Customer Relations

6. Old and New Business
7. Comments by Commission Members
8. Closed Session (as necessary)
9. Adjournment

**The next meeting will be held on Thursday, October 27, 2022, at 1:00 p.m.
509 E. 18th Street, Norfolk, VA – In Person**



Meeting Minutes of the Transportation District Commission of Hampton Roads

Thursday, August 25, 2022, • 1:00 p.m. 509 E. 18th Street, Norfolk,
VA, and Hybrid (Zoom) Meeting

Call to Order.

A quorum was attained, and Chairman Rouse called the meeting to order at 1:11 p.m.

Commissioners in attendance:

Chairman Rouse, Virginia Beach
Vice Chair Woodbury, Newport News
Past Chair McClellan, Norfolk
Commissioner Gray, Hampton
Commissioner Carey Chesapeake
Alt. Commissioner Sherman, VDRPT
Commissioner Kanoyton, Hampton
Commissioner Bullock, Newport News
Commissioner Glover, Portsmouth
Commissioner Ross-Hammond, Virginia Beach
Commissioner Spruill, Senate Representative
Commissioner Simonds, House Representative
Alt. Commissioner Chapman, Portsmouth

Hampton Roads Transit Staff in attendance:

Ray Amoruso, Chief Planning and Development (Zoom)
Debbie Ball, Director of Finance (Zoom)
Malika Blume, Director of Internal Audit
Keisha Branch, Director of Capital Programs (Zoom)
Amy Braziel, Director of Contracted Services and Operational Analytics
Alexander Brink, Sr. Manager of Bus Transportation
Conner Burns, Chief Financial Officer (Zoom)
David Burton, General Counsel, Williams Mullen (Zoom)
Juanita Davis, Budget Analysis III (Zoom)
Rodney Davis, Director of Customer Relations
Sheri Dixon, Director of Revenue Services (Zoom)
Jennifer Dove, Civil Rights and Grants Program Coordinator (Zoom)
Angela Glass, Director of Budget & Financial Analysis
Brenda Green, Executive Administrative Assistant
William Harrell, President and CEO
Tom Holden, Media Relations Specialist (Zoom)
Angela Hopkins, City of Newport News
Keith Johnson, Paratransit Services Contract Administrator
Ashley Johnson, Capital Improvement Plan Analyst III
Shane Kelly, Manager of Emergency Preparedness

Robert Lee, RTS Program Manager
Sonya Luther, Director of Procurement
James Lyons, Staff Accountant
Sibyl Pappas, Chief Engineering & Facilities Officer
Noelle Pinkard, Organizational Advancement Officer (Zoom)
John Powell, Telecommunications Specialist
Michael Price, Chief Information Officer/CTO
Tracy Moore, Staff Accountant
John Nason, Director of Bus Maintenance
John Powell, Telecommunications Specialist
Luis Ramos, Sr. Executive Administrator/Commission Secretary
Shleaker Rodgers, Quality Assurance Auditor (Zoom)
Dawn Sciortino, Chief Safety Officer
Ben Simms, Chief Transit Operations Officer
Brian Smith, Deputy CEO
Adrian Tate, Finance Manager (Zoom)
Alex Touzov, Director of Technology Services
Robert Travers, Corporate Counsel
Fevrier Valmond, Deputy Director of Procurement (Zoom)
James Wall, Director of Light Rail Maintenance (Zoom)
Kim Wolcott, Chief of Human Resources

Others in attendance via phone/(Zoom)/In-Person:

Troy Bowser, Chair, Paratransit Advisory Committee
Alt. Commissioner Lisa Cipriano, City of Newport News
Alt. Commissioner Brian DeProfio, City of Hampton, (Zoom)
Troy Eisenberger, City of Chesapeake (Zoom)
Andrew Ennis, Transit Rail Safety & Emergency Management Administrator, DRPT (Zoom)
Alt. Commissioner Megan Gribble, City of Virginia Beach
Felicia Griffin, Vice-Chair, Paratransit Advisory Committee
Luther Jenkins, Traffic Engineer, City of Chesapeake
Denise Johnson, Chair, Transit Rider Advisory Committee
Shelia McAllister, City of Newport News
Alt. Commissioner Earl Sorey, City of Chesapeake
Alt. Commissioner Grant Sparks, VDRPT
Janice Taylor, League of Women Voters
Alt. Commissioner Constantinos Velissarios, City of Newport News (Zoom)
Jerri Wilson, City of Newport News
Andrew Zalewski, Foursquare ITP

The TDCHR meeting package was distributed electronically to all Commissioners in advance of the meeting. The meeting package consisted of:

- Agenda
- Meeting Minutes
- President's Report Presentation
- Social Media Analytics

- Financial Reports
- Committee Reports

Public Comments

There were no public Comments.

Approval of July 28, 2022, Meeting Minutes

A motion to approve the July 28, 2022, minutes was made by Commissioner Bullock and properly seconded by Commissioner Houston. A roll call vote resulted as follows:

Ayes: Commissioner Rouse, Woodbury, McClellan, Gray, Carey, Sherman, Kanoyton, Bullock, Glover, Houston, Ross-Hammond, and Simonds

Nays: None

Abstain: None

President's Monthly Report

Mr. Harrell called on Alexis Majied, Chief Communications Officer, to present awards and recognition.

Ms. Majied stated that the President's Coin is awarded to employees who exemplify exceptional conduct or performance, and that six employees would be receiving the award on today.

Mr. Brian Smith, Light Rail Train Operator, Ricky Church, and Jamie Cherry, Operations Control Center dispatchers were presented with the President's Coin. These three individuals assisted the Norfolk Police Department in apprehending an escaped inmate.

Ms. Majied introduced Lt. Branning, Norfolk Police Department. He expressed his appreciation for the assistance the three individuals provided to the NPD.

Ms. Majied also stated that during a Hampton Roads Transit Career Fair on July 29, 2022, a Top Guard security officer collapsed in the lobby. It was because of the quick-thinking actions on the part of Ms. Lynn Beeler, Customer Service Representative, Mr. Curtis Ruffin, Top Guard Security Guard, Mr. Donovan Shalis, Transit Security Officer, that the victim is alive today. They, too, were awarded with the President's Coin.

Ms. Majied called on Mr. Mike Langley, Safety Specialist (Bus/Rail). Mr. Langley has trained over 50 percent of HRT's personnel on CPR, Mr. Langley was awarded a certificate of appreciation for his efforts to ensure our workforce is trained in providing these life saving measures.

Mr. Harrell thanked Mr. Mark Shea, Alternate Commissioner for Virginia Beach, for his dedication to the community and the Board. Mr. Shea will be retiring at the end of the month.

Audit & Budget Review Committee

Commissioner Jimmy Gray stated that the Audit and Budget Committee did not meet in July.

Commissioner Gray called on Mr. Conner Burns to present the preliminary year to date ending July 2022 financial report as enclosed in the meeting package.

Mr. Burns stated that he presented these financials in detail on Monday at the Management and Financial Advisory Committee meeting and will be reviewing the consolidated statement.

Management and Financial Advisory Committee (MFAC)

Alt. Commissioner Mark Shea stated that they were updated on the July financials and also had brief discussion on a proposed operating expense reserve fund concept. He noted that more information was forthcoming, to include some related budget information from staff.

Ms. Amy Braziel, Director of Contracted Services and Operational Analytics provided an update on the new micro-transit pilot program.

Operations and Oversight Committee

Commissioner Glover stated that the Operations and Oversight Committee met on July 14, 2022. Commissioner Glover called on Ms. Sonya Luther to present the contracts for approval.

Ms. Luther presented **Contract No. 21-00157 Bus Tire Lease and Maintenance Services** to award of a contract to Bridgestone Americas Tire Operations, LLC to provide bus tire lease and maintenance services in the not-to-exceed amount of \$2,730,054.03 for four (4) years.

Ms. Luther presented **Contract No: 22-00199 Fare Technology Assessment Phase 5 Mobile Fare Collection System Implementation Support** to award of a contract to IBI Group to provide mobile fare collection system implementation support in the not-to-exceed amount of \$289,872.00.

Ms. Luther presented **Contract No: 21-00164 Fire Suppression Systems Inspection, Testing, Maintenance, and Report Services** award of a contract to Johnson Controls Fire Protection, LP to provide fire suppression systems inspections, testing, maintenance, and repair services in the not-to-exceed amount of \$419,473.60 for the five-year period.

Ms. Luther presented **Contract No: 22-00179R – Hampton Roads Transit Sign Installation**

to award of a contract to American Road Markings to provide sign installation services to HRT. The cumulative amount of all Task Orders issued under this Contract will not exceed \$2,122,750 over four (4) years.

Ms. Luther presented **Contract No: 22-00186 – Naval Station Base Circulator** to award of contract to James River Transportation to provide a Naval Station Norfolk base circulator in the not-to-exceed amount of \$3,765,605.00.

Ms. Luther presented **Contract No: 22 -00180 – Physical Security System Support Services** to award of contract to Security 101 Holdings, LLC to provide physical security system support services on a Task Order basis in the not-to-exceed amount of \$1,757,646.00 for the five-year period.

Ms. Luther presented **Contract No: 22-00198 – Procurement of Regional Transit Service Buses** to award of a contract to Gillig to procure six (6) heavy duty 40' low floor diesel buses and six (6) heavy duty 35' low floor buses in the total amount of \$7,210,500.

Ms. Luther presented **Purchase Order No. PO0008377 Replacement Truck Suspension Legs** to award of a Purchase Order to Knorr Brake Company to provide sixteen (16) replacement truck suspension legs in the not-to-exceed amount of \$106,536.00.

A recommendation was made by the Operations and Oversight Committee to approve **Contract No. 21-00157** Bus Tire Lease and Maintenance Services, **Contract No: 22-00199** Fare Technology Assessment Phase 5 Mobile Fare Collection System Implementation Support, **Contract No: 21-00164** Fire Suppression Systems Inspection, Testing, Maintenance, and Report Services, **Contract No: 22-00179R** Hampton Roads Transit Sign Installation, **Contract No: 22-00186** Naval Station Base Circulator, **Contract No: 22 -00180** Physical Security System Support Services, **Contract No: 22-00198** Procurement of Regional Transit Service Buses, and **Purchase Order No. PO0008377** Replacement Truck Suspension Legs, which was properly seconded by Commissioner Woodbury. A roll call vote resulted as follows:

Ayes: Commissioner Rouse, Woodbury, McClellan, Gray, Carey, Sherman, Kanoyton, Bullock, Glover, Houston, Ross-Hammond, Simonds, and Spruill.

Nays: None

Abstain: None

Commissioner Glover stated that Ms. Malika Blume, Director of Internal Audit has finished the Storeroom Operations Control Audit, along with the DRPT Security and Emergency Preparedness Plan Audit. Ms. Blume will provide a full report at the September Operations & Oversight Committee meeting. Commissioner Glover mentioned that the committee received an update from Mr. Ben Simms on the newly launched micro-transit pilot.

The next Operations and Oversight Committee will be held Thursday, September 8, 2022.

Planning and New Starts Committee

Commissioner Ross-Hammond stated the committee did not meet in August, and the committee's next meeting is on September 25, 2022, at 11:30 a.m. in Hampton.

External/Legislative Advisory Committee

Commissioner Kanoyton reported that the committee met on August 18, 2022.

Ms. Kanoyton stated that based on requests submitted by Senator Kaine and Senator Warner, the federal transportation appropriations bill reported by the Senate Appropriations Committee includes \$2.24 million to fund new paratransit vehicles. This legislation is pending consideration by both the full House and Senate which is currently expected to take place after the mid-term elections.

Smart City and Innovation Committee

Commissioner Andria McClellan stated that the committee did not meet in the month of August. The next meeting is planned for September 8, 2022, at noon.

Paratransit Advisory Sub-Committee (PAC)

Keith Johnson, Paratransit Services Contract Administrator, introduced the newly appointed officers of the committee, Mr. Troy Bowser as Chair and Ms. Felicia Griffin, as Vice-Chair. Mr. Bowser inquired about paratransit related items being included in the Capital Improvement Plan and Mr. Harrell noted that both the current CIP and the CIP update include these types of investments which are very important to HRT's customers and communities. Mr. Bowser and Ms. Griffin stated that they are happy to be part of the committee and looking forward to working with the board.

Transit Ridership Advisory Sub-Committee

Ms. Denise Johnson stated that the committee met on July 6th and gave a report that is attached to these minutes.

The next Transit Ridership Advisory sub-committee meeting will be held September 7, 2022, in the Hampton Boardroom at 6:00 p.m.

Old and New Business:

None

Closed Session

Commissioner Gray made a motion to convene into a closed session for consultation with legal counsel regarding specific legal matters requiring the provision of legal advice and the discussion of the performance of certain HRT employees as provided by paragraphs 1 and 7 of Virginia Code Section 2.2-3711(A) and properly seconded by Commissioner Woodbury. A roll call vote resulted as follows:

Ayes: Commissioner Rouse, Woodbury, McClellan, Gray, Carey, Sherman, Kanoyton, Bullock, Glover, Houston, Ross-Hammond, Spruill, and Simonds

Nays: None

Abstain: None

The Chair entertained a motion of certification that the Commissioners of the Transportation District Commission of Hampton Roads hereby certifies that, to the best of each member's knowledge:

- (i) only public business matters lawfully exempted from open meeting requirements under the Virginia Freedom of Information Act law were discussed in the closed meeting to which this certification resolution applies, and
- (ii) only such public business matters as were identified in the motion convening the closed session meeting were heard, discussed, or considered in the closed meeting just concluded.

The motion was made by Commissioner Gray and properly seconded by Commissioner Bullock. A roll call vote resulted as follows:

Ayes: Commissioner Rouse, Woodbury, McClellan, Gray, Carey, Sherman, Kanoyton, Bullock, Chapman, Houston, Ross-Hammond, Spruill, and Simonds

Nays: None

Abstain: None

Adjournment

With no further business to conduct, the meeting adjourned at 3:10 p.m.

TRANSPORTATION DISTRICT COMMISSION OF HAMPTON ROADS

Aaron Rouse
Chair

ATTEST:

Luis Ramos
Commission Secretary
August 25, 2022



TDCHR Board Meeting

August 25, 2022

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President's Report

- **Special Presentation**



HAMPTON ROADS TRANSIT



President's Report

September 2022

BOARD CHANGES USHER IN NEW ERA FOR HAMPTON ROADS TRANSIT

Hampton Roads Transit will implement the October Service Board on Sunday, October 30, 2022. The list of changes includes several notable updates, and we are especially excited about the enhancements that come as part of the Hampton Roads Regional Transit Program, more specifically, the 757 Express.

We will initiate the Peninsula's first-ever 15-minute service via the Route 112, which runs along Jefferson Avenue. The 112 has been dubbed the "workhorse" on the Peninsula, as it carries an average of 25,000 passengers per month, with customers traveling to and from work at Newport News Shipbuilding, school at Christopher Newport University, medical appointments at Sentara Port Warwick, and other important destinations. By increasing the frequency on this critical route, we are enabling walk-up-and-go conditions for riders, which means no more checking schedules or waiting 30 minutes to an hour for the next bus to arrive. Additional enhancements like this are planned for 2023, based on the recruitment and training of additional bus operators needed to support reliable operations.

In October, we're also re-branding HRT's Metro Area Express, or MAX routes, as 757 Express. We're excited to be launching the new Route 980 to connect with Amazon facilities in Chesapeake and Suffolk. Transit plays an integral role in supporting economic development projects in Hampton Roads, and thus, the viability of the regional economy. It also creates ladders of opportunity, helping people get to better paying jobs. Our servicing of these two employment juggernauts demonstrates HRT's role in helping move the region forward.



Over the past couple weeks, we have celebrated the installation of 100 new bus shelters and received delivery of 24 new buses to support the 757 Express. Soon, we will be installing new digital information displays at transit centers, so that customers will have easy access to real time bus arrival information. Similar technology will allow customers to type their stop number into our website to find out how long before their bus will arrive. Our riders deserve to be treated with dignity and we will do everything we can to improve the customer experience as we remain laser focused on delivering transportation solutions that are reliable, safe, efficient, and sustainable.



President's Report

September 2022

Finally, I'd like to thank everyone who came out to the Newport News Transit Center on Tuesday, September 13, 2022, as we cut the ribbon on that recently updated facility. The rebuilt driveways, upgraded lighting, expanded park and rides, enhanced landscaping, and other features represent a major improvement to this important transit hub. It was great to celebrate alongside our commissioners, as well as local elected officials, school board members, city staff, and many others. We look forward to the next round of improvements, which include significant upgrades to the interior.



This is just the beginning. There is more to come, so stay tuned!

Sincerely,

A handwritten signature in black ink, appearing to read "W. Harrell", with a stylized flourish at the end.

William E. Harrell
President and CEO
Hampton Roads Transit



TDCHR Board Meeting

September 22, 2022

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President's Report

- Newport News Transfer Center Re-Opening Ribbon Cutting Ceremony – September 13, 2022
- Smart Scale Funding
- Driveways were rebuilt
- Lighting was upgraded
- Additional capacity was constructed to expand park and ride opportunities
- Enhancement of landscaping and grounds



President's Report



President's Report



HAMPTON ROADS TRANSIT

President's Report



HAMPTON ROADS TRANSIT

President's Report



President's Report





Draft Financial Statement

AUGUST 2022 FISCAL YEAR 2023 FINANCIAL REPORT

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OPERATING FINANCIAL STATEMENTS

August 2022

FISCAL YEAR 2023

FISCAL YEAR 2023			Month to Date			Year to Date												
Dollars in Thousands																		
Annual																		
Budget			Budget			Actual												
Variance			Variance			Variance												
Operating Revenue																		
Passenger Revenue	\$	8,694.8	\$	724.6	\$	844.2	\$	119.6	16.5	%	\$	1,449.1	\$	1,568.9	\$	119.7	8.3	%
Advertising Revenue		800.0		66.7		90.6		23.9	35.9	%		133.3		154.4		21.1	15.8	%
Other Transportation Revenue		2,158.9		179.9		222.1		42.2	23.4	%		359.8		425.6		65.8	18.3	%
Non-Transportation Revenue		60.0		5.0		11.3		6.3	125.7	%		10.0		22.0		12.0	119.7	%
Total Operating Revenue		11,713.7		976.1		1,168.1		191.9	19.7	%		1,952.3		2,170.8		218.5	11.2	%
Non-Operating Revenue																		
Federal Funding (5307/5337)		26,694.0		2,224.5		2,279.6		55.1	2.5	%		4,449.0		3,875.6		(573.3)	(12.9)	%
HRRTF Funding		10,319.0		859.9		316.3		(543.6)	(63.2)	%		1,719.8		597.8		(1,122.0)	(65.2)	%
State Funding		31,464.9		2,622.1		2,622.1		0.0	0.0	%		5,244.2		5,244.2		0.0	0.0	%
Local Funding		45,396.5		3,783.0		3,783.0		(0.0)	(0.0)	%		7,566.1		7,566.1		0.0	0.0	%
Total Non-Operating Revenue		113,874.4		9,489.5		9,001.0		(488.5)	(5.1)	%		18,979.1		17,283.7		(1,695.4)	(8.9)	%
TOTAL REVENUE	\$	125,588.1	\$	10,465.7	\$	10,169.1	\$	(296.6)			\$	20,931.3	\$	19,454.5	\$	(1,476.8)		
Personnel Services	\$	75,083.3	\$	6,251.2	\$	6,168.1	\$	83.1	1.3	%	\$	12,493.1	\$	12,259.0	\$	234.1	1.9	%
Contract Services		12,083.8		1,000.6		704.5		296.1	29.6	%		2,019.2		1,150.9		868.3	43.0	%
Materials & Supplies		6,166.3		513.9		621.4		(107.5)	(20.9)	%		1,027.7		1,006.6		21.1	2.1	%
Gas & Diesel		10,265.8		855.5		620.2		235.2	27.5	%		1,711.0		1,159.4		551.5	32.2	%
Contractor's Fuel Usage		1,881.0		156.8		86.7		70.1	44.7	%		313.5		131.5		182.0	58.1	%
Utilities		1,308.9		109.1		109.0		0.0	0.0	%		218.1		206.9		11.2	5.2	%
Casualties & Liabilities		4,045.1		340.4		375.1		(34.7)	(10.2)	%		680.9		732.3		(51.5)	(7.6)	%
Purchased Transportation		13,385.3		1,115.4		1,084.9		30.6	2.7	%		2,230.9		1,978.6		252.2	11.3	%
Other Miscellaneous Expenses		1,368.5		122.9		77.4		45.5	37.0	%		236.9		153.4		83.6	35.3	%
TOTAL EXPENSE	\$	125,588.1	\$	10,465.7	\$	9,847.3	\$	618.4			\$	20,931.3	\$	18,778.7	\$	2,152.6		
SURPLUS (DEFICIT)					\$	321.8							\$	675.8				

1. Line of Credit balance as of August 31, 2022, is \$8,955,448.30
2. Non-Operating COVID Revenue and Expenses YTD - \$42,670



HAMPTON ROADS TRANSIT

Draft Financial Statement

OPERATING FINANCIAL STATEMENTS

August 2022

MAX, PCS, 15-MINUTE INCREMENT

FISCAL YEAR 2022	Annual		Month to Date			Year to Date			
	Budget	Budget	Actual	Variance	Budget	Actual	Variance		
Operating Revenue									
Passenger Revenue	\$ 879.4	\$ 73.3	\$ 48.2	\$ (25.1)	(34.2) %	\$ 146.6	\$ 87.2	\$ (59.3)	(40.4) %
RTS Program	10,319.0	859.9	316.3	(543.6)	(63.2) %	1,719.8	597.8	(1,122.0)	(65.2) %
TOTAL REVENUE	\$ 11,198.3	\$ 933.2	\$ 364.5	\$ (568.7)		\$ 1,866.4	\$ 685.0	\$ (1,181.3)	
Personnel Services	\$ 7,997.5	\$ 666.5	\$ 271.0	\$ 395.4	59.3 %	\$ 1,332.9	\$ 525.0	\$ 807.9	60.6 %
Contract Services	966.9	80.6	25.3	55.3	68.6 %	161.2	39.1	122.0	75.7 %
Materials & Supplies	1,934.3	161.2	56.4	104.8	65.0 %	322.4	98.1	224.3	69.6 %
Utilities	74.3	6.2	1.9	4.3	69.2 %	12.4	3.9	8.5	68.9 %
Casualties & Liabilities	225.4	18.8	9.8	8.9	47.6 %	37.6	18.9	18.7	49.8 %
TOTAL EXPENSE	\$ 11,198.3	\$ 933.2	\$ 364.5	\$ 568.7		\$ 1,866.4	\$ 685.0	\$ 1,181.4	
SURPLUS (DEFICIT)			\$ -			\$ -	\$ -		



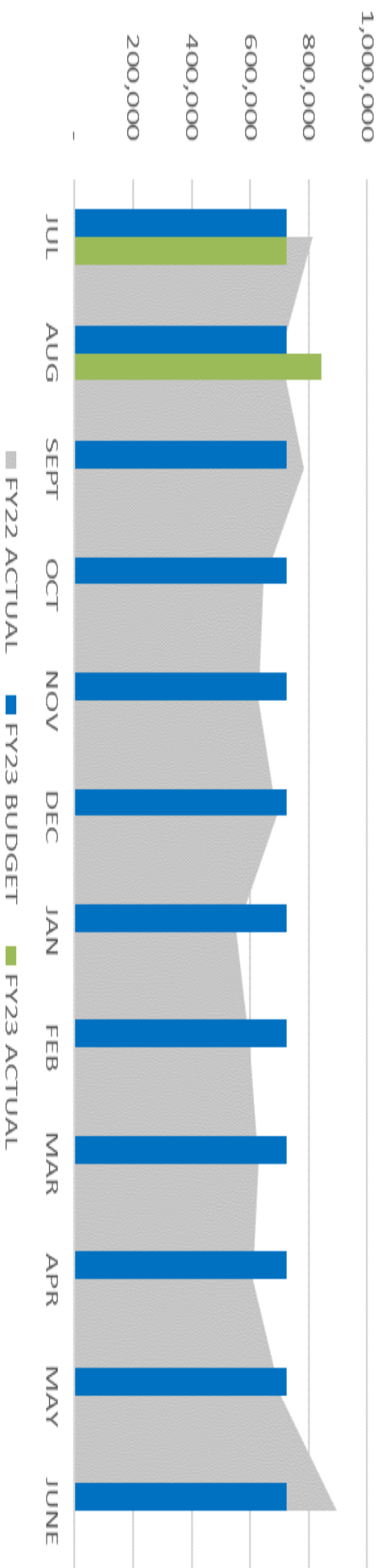
HAMPTON ROADS TRANSIT

Draft Financial Statement

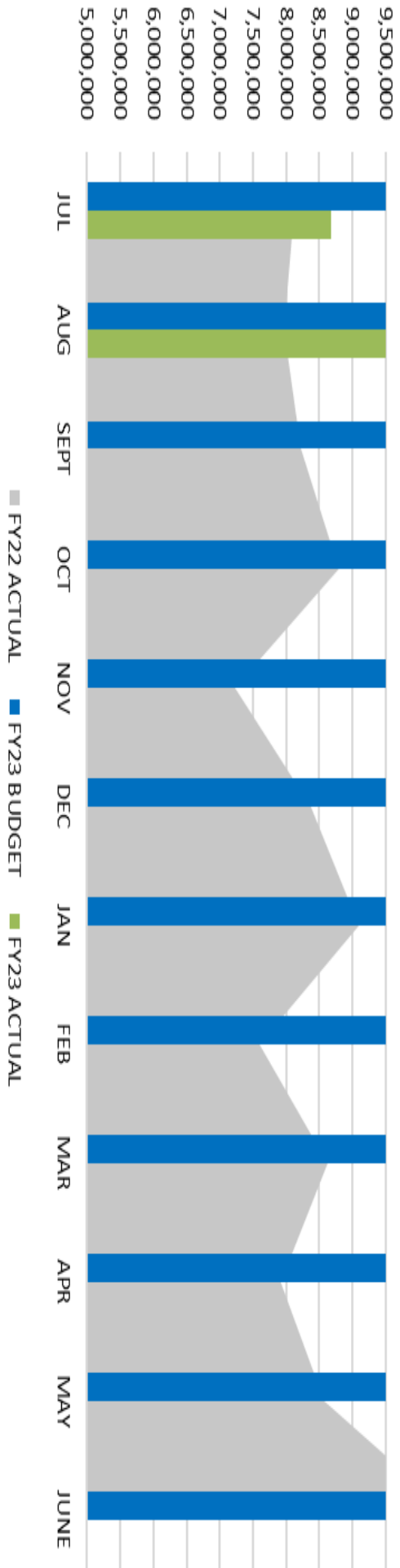
OPERATING FINANCIAL STATEMENTS

Aug 2022

Farebox Revenue



Total Expenses



HAMPTON ROADS TRANSIT

Draft Financial Statement

OPERATING CROSSWALK

August 2022

YEAR-TO-DATE

FISCAL YEAR 2023 (Dollars in Thousands)		BUDGET	ACTUAL LOCALITY	ACTUAL NON-LOCALITY	ACTUAL CONSOLIDATED	VARIANCE + / (-)
REVENUE						
Passenger Revenue		\$ 1,449.1	\$ 1,454.1	\$ 114.8	\$ 1,568.9	\$ 119.8
Advertising Revenue		\$ 133.3	\$ 145.7	\$ 8.6	\$ 154.3	\$ 21.0
Other Transportation Revenue		\$ 359.8	\$ -	\$ 425.6	\$ 425.6	\$ 65.8
Non-Transportation Revenue		\$ 10.0	\$ 17.1	\$ 4.9	\$ 22.0	\$ 12.0
Federal Funding (PM 5307/5337)		\$ 4,449.0	\$ 3,875.6	\$ -	\$ 3,875.6	\$ (573.4)
HRRTF Funding ¹		\$ 1,719.8	\$ -	\$ 597.8	\$ 597.8	\$ (1,122.0)
State Funding		\$ 5,244.2	\$ 5,244.2	\$ -	\$ 5,244.2	\$ -
Local Funding		\$ 7,566.1	\$ 7,566.1	\$ -	\$ 7,566.1	\$ -
TOTAL REVENUE:		\$ 20,931.3	\$ 18,302.8	\$ 1,151.7	\$ 19,454.5	\$ (1,476.8)
EXPENSE						
Personnel Services		\$ 12,493.1	\$ 11,595.7	\$ 663.3	\$ 12,259.0	\$ 234.1
Services		\$ 2,019.2	\$ 1,088.7	\$ 62.2	\$ 1,150.9	\$ 868.3
Materials & Supplies		\$ 3,052.2	\$ 2,173.2	\$ 124.3	\$ 2,297.5	\$ 754.7
Utilities		\$ 218.1	\$ 195.7	\$ 11.2	\$ 206.9	\$ 11.2
Casualties & Liabilities		\$ 680.9	\$ 692.7	\$ 39.6	\$ 732.3	\$ (51.4)
Purchased Transportation		\$ 2,230.9	\$ 1,871.6	\$ 107.1	\$ 1,978.7	\$ 252.2
Other Miscellaneous Expenses		\$ 236.9	\$ 145.1	\$ 8.3	\$ 153.4	\$ 83.5
TOTAL EXPENSE:		\$ 20,931.3	\$ 17,762.7	\$ 1,016.0	\$ 18,778.7	\$ 2,152.6
BUDGET STATUS TO DATE ² :		\$ -	\$ 540.1	\$ 135.7	\$ 675.8	\$ 675.8

1. Hampton Roads Regional Transit Funding for MAX, PCS and 15-minute increment.
2. Includes estimated Year-to-date Locality Service Reliability Plan credit.



HAMPTON ROADS TRANSIT

Draft Financial Statement

LOCALITY RECONCILIATION

August 2022

FISCAL YEAR 2023 (Dollars in Thousands)	TOTAL LOCALITY			
	ANNUAL BUDGET	YEAR-TO-DATE		
		BUDGET	ACTUAL	VARIANCE
Locality Operating Share	\$ 45,396.5	\$ 7,566.1	\$ 7,566.1	\$ -
Plus: Local Farebox	\$ 7,647.8	\$ 1,274.7	\$ 1,454.1	\$ 179.4
Locality Share - Sub-Total:	\$ 53,044.3	\$ 8,840.8	\$ 9,020.2	\$ 179.4
Plus: Federal Aid	\$ 26,694.1	\$ 4,449.0	\$ 3,875.6	\$ (573.4)
State Aid	\$ 31,464.9	\$ 5,244.2	\$ 5,244.2	\$ -
Total Revenue Contribution:	\$ 111,203.3	\$ 18,534.0	\$ 18,140.0	\$ (394.0)
Operating Expenses:	\$ 111,203.3	\$ 18,534.0	\$ 17,599.9	\$ (934.1)
Locality Budget Status to Date ¹ :				\$ 540.1
KPI				
Farebox Recovery:		6.9%	8.3%	
Farebox % of Budgeted Expense:			7.8%	

1. Includes estimated year-to-date Locality Service Reliability Plan credit.

FISCAL YEAR 2023 (Dollars in Thousands)	CHESAPEAKE			
	ANNUAL BUDGET	YEAR-TO-DATE		
		BUDGET	ACTUAL	VARIANCE
Locality Operating Share	\$ 2,723.7	\$ 454.0	\$ 454.0	\$ -
Plus: Local Farebox	\$ 455.0	\$ 75.8	\$ 70.1	\$ (5.7)
Locality Share - Sub-Total:	\$ 3,178.7	\$ 529.8	\$ 524.1	\$ (5.7)
Plus: Federal Aid	\$ 2,007.6	\$ 334.6	\$ 298.7	\$ (35.9)
State Aid	\$ 1,993.8	\$ 332.3	\$ 318.0	\$ (14.3)
Total Revenue Contribution:	\$ 7,180.1	\$ 1,196.7	\$ 1,140.8	\$ (55.9)
Operating Expenses:	\$ 7,180.1	\$ 1,196.7	\$ 1,086.1	\$ (110.6)
Locality Budget Status to Date ¹ :				\$ 54.7
KPI				
Farebox Recovery:		6.3%	6.5%	
Farebox % of Budgeted Expense:			5.9%	

1. Includes estimated year-to-date Locality Service Reliability Plan credit.

LOCALITY RECONCILIATION

August 2022

FISCAL YEAR 2023 (Dollars in Thousands)	HAMPTON			
	ANNUAL BUDGET	YEAR-TO-DATE		
		BUDGET	ACTUAL	VARIANCE
Locality Operating Share	\$ 4,722.4	\$ 787.1	\$ 787.1	\$ -
Plus: Local Farebox	\$ 672.7	\$ 112.1	\$ 126.1	\$ 14.0
Locality Share - Sub-Total:	\$ 5,395.1	\$ 899.2	\$ 913.2	\$ 14.0
Plus: Federal Aid	\$ 3,265.3	\$ 544.2	\$ 505.0	\$ (39.2)
State Aid	\$ 3,387.3	\$ 564.6	\$ 564.0	\$ (0.6)
Total Revenue Contribution:	\$ 12,047.7	\$ 2,008.0	\$ 1,982.2	\$ (25.8)
Operating Expenses:	\$ 12,047.7	\$ 2,008.0	\$ 1,903.3	\$ (104.7)
Locality Budget Status to Date ¹ :	\$ 78.9			
KPI				
Farebox Recovery:	5.6%		6.6%	
Farebox % of Budgeted Expense:			6.3%	

1. Includes estimated year-to-date Locality Service Reliability Plan credit.

FISCAL YEAR 2023 (Dollars in Thousands)		NEWPORT NEWS			
	ANNUAL BUDGET	YEAR-TO-DATE			
		BUDGET	ACTUAL	VARIANCE	
Locality Operating Share	\$ 7,492.8	\$ 1,248.8	\$ 1,248.8	\$ -	
Plus: Local Farebox	\$ 1,111.7	\$ 185.3	\$ 222.7	\$ 37.4	
Locality Share - Sub-Total:	\$ 8,604.5	\$ 1,434.1	\$ 1,471.5	\$ 37.4	
Plus: Federal Aid	\$ 4,917.0	\$ 819.5	\$ 699.1	\$ (120.4)	
State Aid	\$ 5,337.1	\$ 889.5	\$ 877.0	\$ (12.5)	
Total Revenue Contribution:	\$ 18,858.6	\$ 3,143.1	\$ 3,047.6	\$ (95.5)	
Operating Expenses:	\$ 18,858.6	\$ 3,143.1	\$ 2,943.1	\$ (200.0)	
Locality Budget Status to Date ¹ :				\$ 104.5	
KPI					
Farebox Recovery:		5.9%	7.6%		
Farebox % of Budgeted Expense:			7.1%		

1. Includes estimated year-to-date Locality Service Reliability Plan credit.

LOCALITY RECONCILIATION

August 2022

FISCAL YEAR 2023 (Dollars in Thousands)	NORFOLK			
	ANNUAL BUDGET	BUDGET	YEAR-TO-DATE ACTUAL	VARIANCE
Locality Operating Share	\$ 19,709.4	\$ 3,284.9	\$ 3,284.9	\$ -
Plus: Local Farebox	\$ 3,560.9	\$ 593.5	\$ 632.0	\$ 38.5
Locality Share - Sub-Total:	\$ 23,270.3	\$ 3,878.4	\$ 3,916.9	\$ 38.5
Plus: Federal Aid	\$ 9,763.3	\$ 1,627.2	\$ 875.6	\$ (751.6)
State Aid	\$ 13,163.5	\$ 2,193.9	\$ 1,982.5	\$ (211.4)
Total Revenue Contribution:	\$ 46,197.1	\$ 7,699.5	\$ 6,775.0	\$ (924.5)
Operating Expenses:	\$ 46,197.1	\$ 7,699.5	\$ 6,616.2	\$ (1,083.3)
Locality Budget Status to Date ¹ :	\$ 158.8			

KPI

Farebox Recovery:	7.7%	9.6%
Farebox % of Budgeted Expense:	8.2%	

1. Includes estimated year-to-date Locality Service Reliability Plan credit.



HAMPTON ROADS TRANSIT

Draft Financial Statement

LOCALITY RECONCILIATION

August 2022

FISCAL YEAR 2023 (Dollars in Thousands)	PORTSMOUTH			
	ANNUAL BUDGET	YEAR-TO-DATE		
	BUDGET	BUDGET	ACTUAL	VARIANCE
Locality Operating Share	\$ 2,880.2	\$ 480.0	\$ 480.0	\$ -
Plus: Local Farebox	\$ 559.6	\$ 93.3	\$ 101.4	\$ 8.1
Locality Share - Sub-Total:	\$ 3,439.8	\$ 573.3	\$ 581.4	\$ 8.1
Plus: Federal Aid	\$ 1,942.8	\$ 323.8	\$ 264.9	\$ (58.9)
State Aid	\$ 2,072.7	\$ 345.5	\$ 331.5	\$ (14.0)
Total Revenue Contribution:	\$ 7,455.3	\$ 1,242.6	\$ 1,177.8	\$ (64.8)
Operating Expenses:	\$ 7,455.3	\$ 1,242.6	\$ 1,130.7	\$ (111.9)
Locality Budget Status to Date ¹ :				\$ 47.1
KPI				
Farebox Recovery:		7.5%	9.0%	
Farebox % of Budgeted Expense:			8.2%	

1. Includes estimated year-to-date Locality Service Reliability Plan credit.

LOCALITY RECONCILIATION

August 2022

FISCAL YEAR 2023 (Dollars in Thousands)	VIRGINIA BEACH			
	ANNUAL	YEAR-TO-DATE		
	BUDGET	BUDGET	ACTUAL	VARIANCE
Locality Operating Share	\$ 7,868.0	\$ 1,311.3	\$ 1,311.3	\$ -
Plus: Local Farebox	\$ 1,287.9	\$ 214.7	\$ 301.8	\$ 87.1
Locality Share - Sub-Total:	\$ 9,155.9	\$ 1,526.0	\$ 1,613.1	\$ 87.1
Plus: Federal Aid	\$ 4,798.1	\$ 799.7	\$ 1,232.3	\$ 432.6
State Aid	\$ 5,510.5	\$ 918.4	\$ 1,171.2	\$ 252.8
Total Revenue Contribution:	\$ 19,464.5	\$ 3,244.1	\$ 4,016.6	\$ 772.5
Operating Expenses:	\$ 19,464.5	\$ 3,244.1	\$ 3,920.5	\$ 676.4
Locality Budget Status to Date ¹ :				\$ 96.1
KPI				
Farebox Recovery:		6.6%	7.7%	
Farebox % of Budgeted Expense:			9.3%	

1. Includes estimated year-to-date Locality Service Reliability Plan credit.

Contract No.: 22-00190	Title: Bus Stop and Facilities Maintenance, Site Improvements, and Repairs (Renewal)	Contract Amount: Base Year: \$1,738,265.00 Two Option Years: <u>\$3,734,522.00</u> Total: \$5,472,787.00	
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Acquisition Description: Enter into a renewal contract with a qualified Contractor to perform a variety of bus stop and facilities maintenance, site improvements, and repair work on a Task Order basis.

Background: Hampton Roads Transit (HRT) requires the services of a Class “A” General Contractor to provide work that may involve general site and repair work on an as needed basis. Under the terms of this Agreement, the Contractor will provide all labor, materials, and equipment to provide improvements to bus passenger amenities at stops throughout HRT’s service area. Primary tasks include the placement of concrete for installation of shelters and benches and other passenger amenities. Other services may include general demolition and site improvements, such as, bus lanes, parking lots, concrete sidewalks, and shelter pads.

Contract Approach: An Invitation for Bids was issued on July 27, 2022. Three (3) bids were received on August 23, 2022, from the following firms:

- M.K. Taylor, Jr. Contractors, Inc.
- Pembroke Construction Company, Inc. (Pembroke)
- QC General Construction, LLC

In response to the IFB, bidders were required to provide pricing for various general commercial site construction tasks and repair work. Following an evaluation of the bids received, HRT staff determined that Pembroke was the lowest responsive (in compliance with submittal requirements) and responsible (capable to perform) bidder; and therefore, eligible for award.

Pembroke’s total bid price includes a \$50,000.00 annual allowance for miscellaneous services not listed in the Price Schedule that HRT may request during the contract term, and a \$4,000 annual allowance for Contractor light rail access training. Based on a price analysis performed, and the fact that the pricing was obtained in a competitive environment, Pembroke’s bid is deemed fair and reasonable. A contractor responsibility review confirmed that Pembroke is technically and financially capable to perform the work.

Pembroke is located in Hampton, VA, and provides similar services for Newport News Public Schools; York County Public Schools; the City of Newport News; and the City of Hampton. Pembroke has also performed services for HRT satisfactorily.

The Contract period of performance is one (1) base year, with two (2) additional one-year options.

Contract No.: 22-00190	Title: Bus Stop and Facilities Maintenance, Site Improvements, and Repairs (Renewal)	Contract Amount:	
		Base Year:	\$1,738,265.00
		Two Option Years:	<u>\$3,734,522.00</u>
		Total:	\$5,472,787.00

No DBE Goal was assigned for the overall solicitation. HRT's DBE Manager will review the scope of each proposed Task Order to identify opportunities for DBE participation and establish a task-based goal accordingly.

Cost/Funding: This Contract will be funded with Regional HRRTF, operating, and grant funds, depending upon the work being performed.

Project Manager: Don Lint, Construction Projects Coordinator

Contracting Officer: Jason Petruska, Senior Contract Specialist

Recommendation: It is respectfully recommended that the Commission approve the award of a contract to Pembroke Construction Company, Inc. to perform a variety of bus stop and facilities maintenance, site improvements, and repair work in the not-to-exceed amount of \$5,472,787.00 for the three-year period.

SOLICITATION RESULTS

FIRM	TOTAL BID PRICE
Pembroke Construction Company, Inc.	\$5,472,787.00
M.K. Taylor, Jr. Contractors, Inc.	\$5,506,050.00
QC General Construction, LLC	\$11,069,380.90

PEMBROKE CONSTRUCTION COMPANY, INC.'S BID SUMMARY

Base Year	Option Year 1	Option Year 2	Total
\$1,738,265.00	\$1,822,520.00	\$1,912,002.00	\$5,472,787.00

Contract No.: 22-00197	Title: Portable Toilet Rental	Contract Amount: Base Year: \$ 27,020.00 Four Option Years: <u>\$111,100.00</u> Total: \$138,120.00
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Acquisition Description: Enter into a contract with a qualified contractor to provide portable toilet rentals for various locations throughout Hampton Roads Transit's (HRT's) service area.

Background: In order to provide for the comfort of customers and employees, HRT has a need to provide Americans with Disabilities Act (ADA) accessible portable toilets at a variety of locations around the service area. Toilets will be supplied to Lee Hall, the Wards Corner Transfer Station, the Newtown Road Transfer Station, the Military Highway Park-N-Ride, the Downtown Norfolk Transit Center, and additional locations as required for special events. Under the terms of this Agreement, the Contractor is required to service the units a minimum of three (3) times a week to provide neat and sanitary units by removal and disposal of all wastes, thorough cleaning and disinfecting, replacement of supplies, and repair and replacement of units, as needed.

Contract Approach: A Request for Quote (RFQ) was issued on July 29, 2022. Three (3) quotes were received on August 18, 2022 from the following firms:

- Crown Cleaning Solutions, LLC (Crown Cleaning)
- Freedom Flush, LLC
- Spivey Rentals, Inc.

After a review and evaluation of the quotes received, Crown Cleaning was deemed the lowest priced offeror and is therefore eligible for award. Crown Cleaning's pricing was deemed fair and reasonable based on a price analysis performed and the fact that the pricing was obtained in a competitive environment. A contractor responsibility review performed confirmed that Crown Cleaning is technically and financially capable to perform the work.

Crown Cleaning is located in Manassas, VA and has provided similar services for the Virginia Department of Transportation in Manassas, VA; the Virginia Department of Motor Vehicles in Winchester, VA; and Visiting Nurse Service of New York (VNSNY) Choice Health Plans in New York, NY.

No DBE goal was assigned for this solicitation.

Cost/Funding: This contract will be funded with operating funds.

Project Manager: William Collins, Facilities Maintenance Manager

Contracting Officer: Sonya Luther, Director of Procurement

Contract No.: 22-00197	Title: Portable Toilet Rental	Contract Amount: Base Year: \$ 27,020.00 Four Option Years: <u>\$111,100.00</u> Total: \$138,120.00
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Recommendation: It is respectfully recommended that the Commission approve the award of a contract to Crown Cleaning Solutions, LLC to provide portable toilet rentals in the not-to-exceed amount of \$138,120.00.

SOLICITATION RESULTS

OFFEROR	QUOTE
Crown Cleaning Solutions, LLC	\$138,120.00
Spivey Rentals, Inc.	\$146,080.00
Freedom Flush, LLC	\$222,113.20

CROWN CLEANING SOLUTIONS' QUOTE SUMMARY

Base Year	Option Year 1	Option Year 2	Option Year 3	Option Year 4	Total
\$27,020.00	\$27,020.00	\$27,770.00	\$27,770.00	\$28,540.00	\$138,120.00

Contract No.: 22-00189	Title: TransitMaster Software and Hardware Support and Maintenance Services (Renewal)	Contract Amount: Base Year: \$ 435,586.00 Four Option Years: <u>\$1,947,438.00</u> Total: \$2,383,024.00	
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Acquisition Description: Enter into a sole source renewal contract with Trapeze Software Group, Inc. (dba Vontas) for support and maintenance services for Hampton Roads Transit's (HRT's) TransitMaster Advanced Communication Systems (TransitMaster).

Background: TransitMaster is a Computer Aided Dispatch and Automatic Vehicle Locator (CAD/AVL) system utilized by HRT since 2008. TransitMaster software and hardware are installed on all HRT buses and is essential for daily operation of its fixed route bus services. TransitMaster provides real time monitoring of bus service and communication (voice and text) between dispatch center and operators. The system is also used by various departments within HRT for reporting and analysis. Under the terms of this Agreement, the Contractor shall provide support and maintenance services for all fixed side TransitMaster software, and all TransitMaster software and hardware installed on HRT buses.

Contract Approach: FTA and Virginia Public Procurement Act guidelines allow non-competitive procurements when only one source is available, and the award of a contract is infeasible under small purchase procedures, sealed bids, or competitive proposals. The TransitMaster CAD/AVL System, including technical support and maintenance, is proprietary to, and provided exclusively by, Vontas. Due to the specific requirements of this solicitation, full and open competition was not a feasible method of Procurement. Sole Source procurements are accomplished through solicitation and acceptance of a proposal from only one source.

A solicitation was issued on August 2, 2022, and Vontas provided a responsive proposal on August 16, 2022, in the amount of \$2,406,699.00. In order to obtain the most favorable pricing, a decision was made to conduct negotiations with Vontas. Negotiations focused on reducing support and maintenance costs and clarifications to the terms and conditions of the RFP.

As a result of the negotiations, Vontas reduced its total price by \$23,675.00, or approximately 1%. Vontas' revised pricing is deemed fair and reasonable based on the results of the negotiations and a price analysis performed. Additionally, Vontas certified that the pricing being offered to HRT are in line with pricing offered to other customers with similar requirements. A contractor responsibility review confirmed that Vontas is technically and financially capable to perform the work.

Vontas is located in Cedar Rapids, IA and has been providing support and maintenance services to HRT satisfactorily.

The Contract period of performance is one (1) base year, with four (4) additional one-year options.

Contract No.: 22-00189	Title: TransitMaster Software and Hardware Support and Maintenance Services (Renewal)	Contract Amount: Base Year: \$ 435,586.00 Four Option Years: <u>\$1,947,438.00</u> Total: \$2,383,024.00
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Cost/Funding: This contract will be funded with operating funds.

Project Manager: Kamlesh Chowdhary, Director of ITS Services

Contracting Officer: Fevrier Valmond, Assistant Director of Procurement

Recommendation: It is respectfully recommended that the Commission approve the award of a contract to Vontas, to provide software and hardware support and maintenance services for HRT's TransitMaster CAD/AVL System in the not-to-exceed amount of \$2,383,024.00 over a five (5) year period.

SUMMARY OF VONTAS' PROPOSED PRICING

Contract Term	Original Proposed Price	Negotiated Pricing
Base Year	\$435,586.00	\$435,586.00
Option Year 1	\$457,335.00	\$455,201.00
Option Year 2	\$480,278.00	\$475,685.00
Option Year 3	\$504,226.00	\$497,092.00
Option Year 4	\$529,274.00	\$519,460.00
Total Price	\$2,406,699.00	\$2,383,024.00

TRAC Report

September 2022

HRT's Transit Riders Advisory Committee (TRAC) met on September 7, 2022, in the board room in Hampton. Chair Denise Johnson convened the meeting at 6pm. TRAC members in attendance were Denise Johnson, Robert Neely, Heather Cutrone, Melissa Osborne, and Commissioner August Bullock.

HRT staff attendees were Amy Braziel, Antoinette White, Robert Scofield, Henry Ryto, and Rodney Davis.

Ms. Doreen Cutrone attended as a member of the general-public.

The July minutes were approved. The motion was made by Commissioner Bullock and seconded by Ms. Osborne.

Ms. Amy Braziel, Director of Contracted Services provided an overview on the performance of the Microtransit service.

Ms. Antoinette White, Assistant Director of Service Planning, provided a presentation on the October service board.

Several TRAC members expressed their appreciation for the recently installed shelters in Newport News. Commissioner Bullock complimented the Engineering & Facility staff's creative approach to some amenities referring specifically to the installation of solar lights over some of the benches in Newport News.

Mr. Rodney Davis, Director of Customer Relations, informed committee members that Engineering & Facilities was interested in their nominations for the installation of additional shelters throughout the network. Mr. Davis said some members had already nominated shelters and that those nominations had been passed on to Engineering & Facilities for review/approval. Mr. Davis also reported on TRAC CAFs.

Chair's Remarks: Chairperson Denise Johnson thanked the HRT staff and TRAC for their work.

The meeting adjourned at 7 P.M. The next TRAC meeting will be on November 2, 2022, in the board room in Norfolk at 6pm.



Transportation District Commission of Hampton Roads
CIP Work Session
Hampton – 2nd floor Boardroom
(3400 Victoria Blvd)

September 22, 2022
Noon – 1:00pm

Agenda

1. Call to Order The Honorable Dr. Patricia Woodbury, *Vice-Chair*
2. Agenda William Harrell, *President & CEO*
3. Recap CIP Development Process Brian Smith, *Deputy CEO*
4. Focus Topics:
 - Light Rail Ben Simms, Chief Transit Operations Officer
 - Facilities Sibyl Pappas, Chief Engineering and Facilities Officer
 - Electrification
5. Wrap Up William Harrell

Light Rail

Opened just over a decade ago, today the Tide Light Rail is HRT's second-most ridden mode, behind only bus. The Tide system is composed of a wide range of capital assets, including many which are invisible to the customer. HRT maintains and manages over 7 miles of rail guideway, including tracks, aerial structures, and catenary, and 11 stations. The agency has a fleet of nine LRT trains that while expected to last over 30-years, need continuous investments to keep them in good condition. Behind the scenes, the agency maintains complex signaling and systems monitoring systems (i.e. SCADA) which ensure continuous safe and reliable operations. The Tide system also has its own maintenance facility where trains are stored and repaired.

To ensure HRT is properly investing in its light rail assets, the agency developed a 30-year light rail state of good repair (SGR) plan that outlines the expected investment needs by asset type and year. While actual capital expenses may differ over time based on differing rates of wear-and-tear, the plan provides HRT a guide to future SGR needs. HRT's CIP, builds off of the plan, by funding all of the capital repair and maintenance needs it identifies over the ten-year timeframe. As the system enters its second decade of operations, trains will need to begin mid-life overhauls, stations will need cosmetic updates, and guideway systems will require additional maintenance and repair.

Light Rail Capital Projects by the Numbers

8

Light Rail Projects

\$75.8 million

in capital needs (current year dollars)
from FY2024 to FY2033



September, 2022

Draft, capital project information subject to change

Project List

Light Rail Projects (FY2024 to FY2033)

UID	Project Name	Cost (\$ thousands)
IT29	Light Rail APC System Fixed-Side Hardware/Software	\$229
LR01	Light Rail Right-of-Way State of Good Repair	\$35,655
LR02	Light Rail Vehicle State of Good Repair	\$23,824
LR03	Light Rail Station Upgrades	\$4,646
LR05	Light Rail Cab Signaling Study	\$102
LR06	Tide Supervisory Control and Data Acquisition (SCADA)	\$6,362
LR48	NTF Foundation Repair	\$3,277
LR50	Light Rail Aerial Structures	\$1,882
	Total	\$75,797

Project Highlights

Light Rail Vehicle Repair:

This project funds the maintenance of HRT's light rail vehicles, including rehabilitation and upkeep of vehicles' suspension, body, brakes, powertrain, and interior, and includes mid-life overhauls of light rail vehicles. The mid-life overhauls of the light rail vehicles keep the agency on track with its 30-year Light Rail State of Good Repair Plan. Maintaining HRT's light rail vehicles minimizes service disruption, ensures safe operations, and allows HRT to provide high quality light rail service.

Light Rail Aerial Structures (Bridge Repair):

This project funds repairs to bridges on HRT's light rail system, including any repairs to light rail bridges and overpasses identified during biannual inspections. Maintaining the bridges and overpasses on The Tide's right of way ensures safe operations and prevents service disruptions due to structural problems. In particular, this project will address issues identified at the Smith Creek, Brambleton Viaduct, Sewells Point, Moseley Creek, and Broad Creek bridges, keeping up with HRT's 30-Year Light Rail State of Good Repair Plan.



September, 2022

Draft, capital project information subject to change

Facilities and Electrification

Facilities investments play an important role in the public-facing and behind-the-scenes operations at HRT. Our facilities are often the first point of contact customers have with our systems. Bus stop infrastructure, including shelters, benches, and lighting, enhance the passenger experience by providing protection from harsh weather and a safe place to wait for the bus. Transit center relocations and upgrades both enhance passenger experience and improve operating efficiency by supporting service expansion and improving the transfer experience. Investing in HRT facilities allows the agency to maintain a state of good repair while upgrading existing facilities to ensure that riders, operators, and agency employees are comfortable and safe while taking transit or at work.

Investing in HRT's facilities is a critical step toward achieving our goal of transitioning fully to a zero-emissions fleet. By investing in the electrification of HRT's operating facilities, we will have the infrastructure and capacity to charge electric buses. In addition to reducing HRT's carbon footprint, zero-emission buses will improve local air quality and can reduce the rate of respiratory illnesses. Electric buses will also provide a quieter and more comfortable ride than diesel buses. By investing in electrification, HRT is delivering environmental benefits for the community and improving the overall experience for riders.

Facilities Capital Projects by the Numbers

19

facilities projects

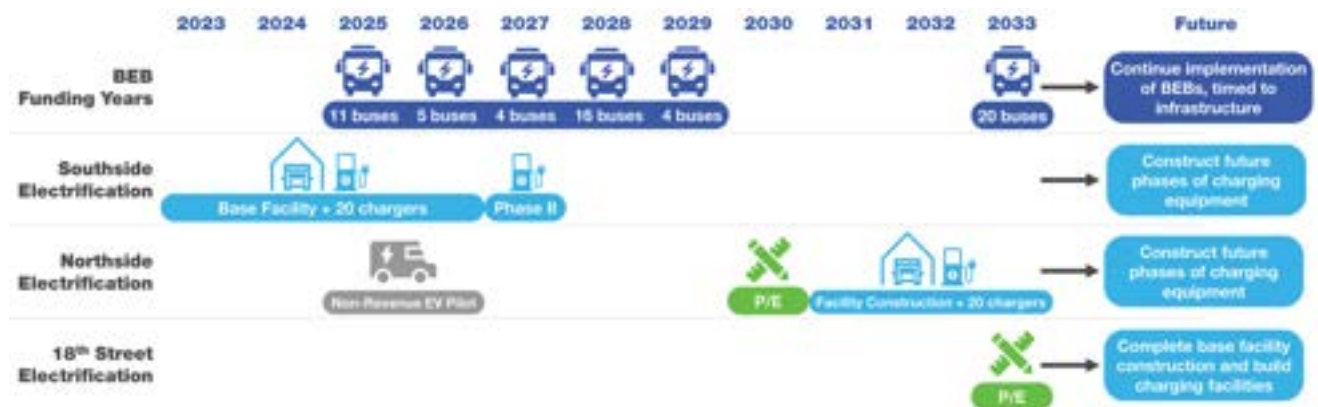
\$222.7 million

in capital needs (year of expenditure dollars) from FY2024 to FY2033

60

expanded charging capacity for electric buses to be funded by 2033

Electrification Timeline



September, 2022

Draft, capital project information subject to change

Project List

Facilities Projects (FY2024 to FY2033)

UID	Project Name	Cost (\$ thousands)
EF01	3400 Victoria Boulevard Renovation: Phase 2	\$9,806
EF02	New Southside Operating and Maintenance Division	\$130,161
EF03	Bus Stop Amenity Program	\$9,131
EF05	Newport News Transit Center Interior Renovations	\$1,389
EF06	Hampton Transit Center Interior Renovations	\$1,095
EF07	Wards Corner Restroom and Paving Renovation	\$191
EF10	Evelyn T Butts Transfer Center Replacement	\$8,021
EF11	Silverleaf Transfer Center Upgrades	\$1,594
EF13	Robert Hall Transfer Center Replacement	\$8,021
EF15	Gate Replacement Project	\$900
EF20	Hampton Facility Electrification	\$47,186
EF21	18th Street Facility Electrification	\$985
EF22	Hampton Facility Non-Revenue Electric Charging Pilot	\$510
EF24	DNTC Restrooms and Operator Lounge Spaces	\$671
EF25	Workspace Renovation & Expansion	\$1,718
EF26	Parks Avenue Re-Use	\$160
EF27	Concrete Repair Program	\$738
EF28	Hampton Oil Water Separator Replacement	\$155
EF29	Hampton Server Room Fire Suppression System Replacement	\$255
	Total	\$222,687

Project Highlights

New Southside Operating and Maintenance Division:

This project will replace the existing Parks Avenue bus storage and maintenance facility with a new southside garage and maintenance facility. The new facility, as funded, will have capacity for 115 buses, including chargers for 40 electric buses. Additional chargers will be phased in over time to align with fleet transition needs. This new facility will save 62,000 miles per year of deadhead costs and reduce operating and maintenance costs due to the transition to an electric fleet.

Bus Stop Amenity Program:

Bus stops are our customer's first point of interaction with the HRT system. As part of the rollout of the regional transit system, HRT is upgrading over 400 stops across our network with new amenities like shelters, seating, and improved signage. The program is crucial to creating a more customer friendly, comfortable, and safe experience for our riders.



September, 2022

Draft, capital project information subject to change



TDCHR CIP Work Session: Light Rail, Facilities and Electrification

September 22, 2022

gohrt.com

Agenda

- Recap CIP Development Process
- Today's Focus Topics:
 - Light Rail
 - Facilities
 - Electrification
- Upcoming Meetings

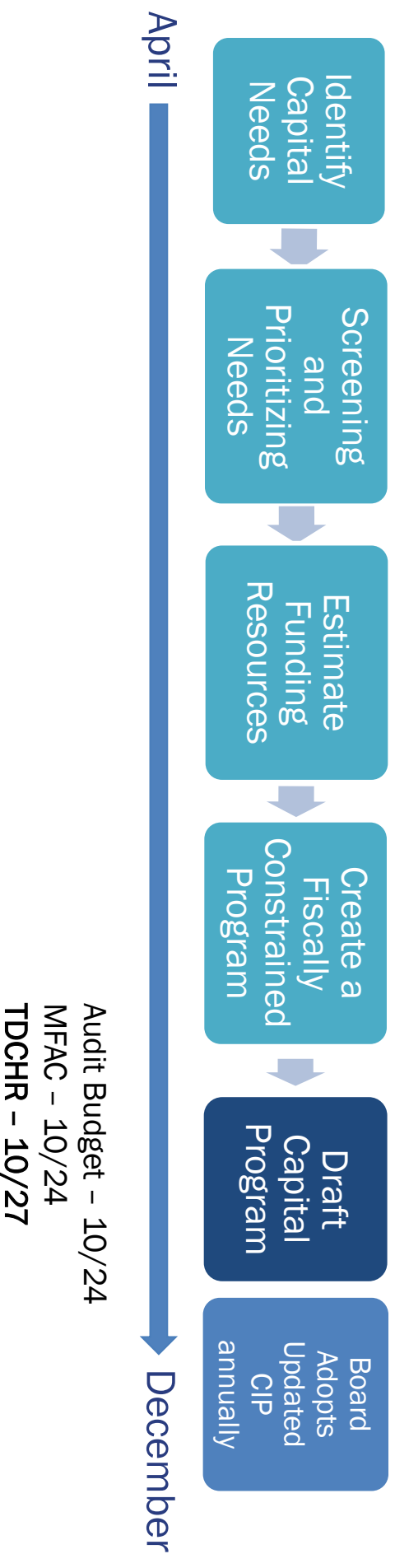




Recap CIP Development Process

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Process





Focus Topics: Light Rail, Facilities and Electrification

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Light Rail

- The Tide Light Rail is HRT's second-most ridden mode.
- HRT maintains and manages 7 miles of rail guideway, 11 electrical power stations, and 9 LRT cars.
- The 30-year light rail state of good repair plan outlines the expected investment needs by asset type and year.

Light Rail Capital Projects by the Numbers



8

Projects



\$75.8 million

in capital needs (current year dollars)
from FY2024 to FY2033



HAMPTON ROADS TRANSIT

September 2022

Draft; capital project information subject to change.

Light Rail Project List

Project ID	Project Name
IT29	Light Rail APC System Fixed-Side Hardware/Software
LR01	Light Rail Right-of-Way State of Good Repair
LR02	Light Rail Vehicle State of Good Repair
LR03	Light Rail Station Upgrades
LR05	Light Rail Cab Signaling Study
LR06	Tide Supervisory Control and Data Acquisition (SCADA)
LR48	NTF Foundation Repair
LR50	Light Rail Aerial Structures



Light Rail Right-of-Way SGR

- This project funds routine maintenance and repairs along HRT's right-of-way such as track structures and overhead power systems.



- The project scope is based on HRT's 30-year state-of-good repair plan for light rail.



HAMPTON ROADS TRANSIT

Light Rail Vehicle Repair

- This project funds the maintenance of HRT's light rail vehicles, including rehabilitation and upkeep of vehicles:
 - Suspension
 - Brakes
 - Powertrain
 - Body
 - Interior
- Mid-life overhauls of the light rail vehicles keep the agency on track with its 30-year Light Rail State of Good Repair Plan.



Light Rail Vehicle Repair

- Powertrain

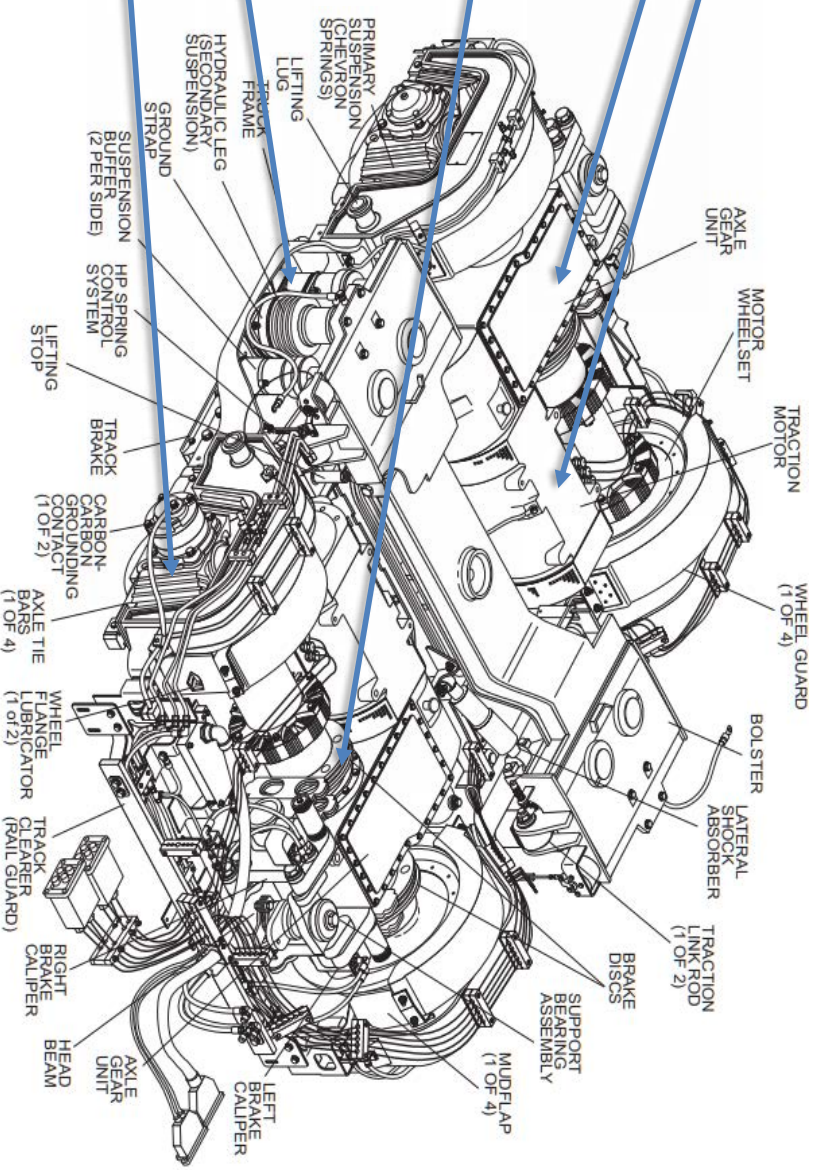
- Traction Motors
- Axle Gear Units

- Brakes

- Disc Brakes

- Suspension

- Hydraulic Suspension Legs
- Rubber Chevron Springs



Light Rail Vehicle Repair

- **Car Body**
 - LRV Shell
 - Sub-floor
 - Articulation Joints
- **Interior**
 - Seating
 - Handrails
 - Lighting



Light Rail Aerial Structures (Bridge Repair)

- This project funds repairs to bridges on HRT's light rail system, including any repairs to light rail bridges and overpasses identified during biannual inspections:
 - Smith Creek
 - Brambleton Viaduct
 - Sewells Point
 - Moseley Creek
 - Broad Creek
- Maintaining the bridges and overpasses on The Tide's right of way ensures safe operations and prevents service disruptions due to structural problems.





Facilities

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Facilities

- Facilities are our customers' first point of interaction with the system.
- Facilities carry ongoing state-of-good repair needs.
- Major facility investments to support RTS.
- BEB transition requires significant facility investments.

Facilities Capital Projects by the Numbers



19

facilities projects



\$222.7 million

in capital needs (current year dollars) from FY2023 to FY2033



60

expanded charging capacity for electric buses to be funded by 2033



HAMPTON ROADS TRANSIT

September 2022

Draft; capital project information subject to change.

Facilities Project List

Project ID	Project Name
EF01	3400 Victoria Boulevard Renovation: Phase 2
EF02	New Southside Operating and Maintenance Division
EF03	Bus Stop Amenity Program
EF04	HRT Paving Program
EF05	Newport News Transit Center Interior Renovations
EF06	Hampton Transit Center Interior Renovations
EF07	Wards Corner Restroom and Paving Renovations
EF10	Evelyn T Butts Transfer Center Replacement
EF11	Silverleaf Transfer Center Upgrades
EF13	Robert Hall Transfer Center Replacement
EF14	18th Street Building 1 and 2 State of Good Repair
EF15	Gate Replacement Project
EF20	Hampton Facility Electrification
EF21	18th Street Facility Electrification
EF22	Hampton Facility Non-Revenue Electric Charging Pilot
EF24	DNTC Restrooms and Operator Lounge Spaces
EF25	Workspace Renovation & Expansion
EF26	Parks Avenue Re-Use
EF27	Concrete Repair Program
EF28	Hampton Oil Water Separator Replacement
EF29	Hampton Server Room Fire Suppression System Replacement



Bus Stop Amenity Program

- Upgrade over 400 bus stops across the regional transit system network
- New shelters, seating, and signage



HAMPTON ROADS TRANSIT

September 2022

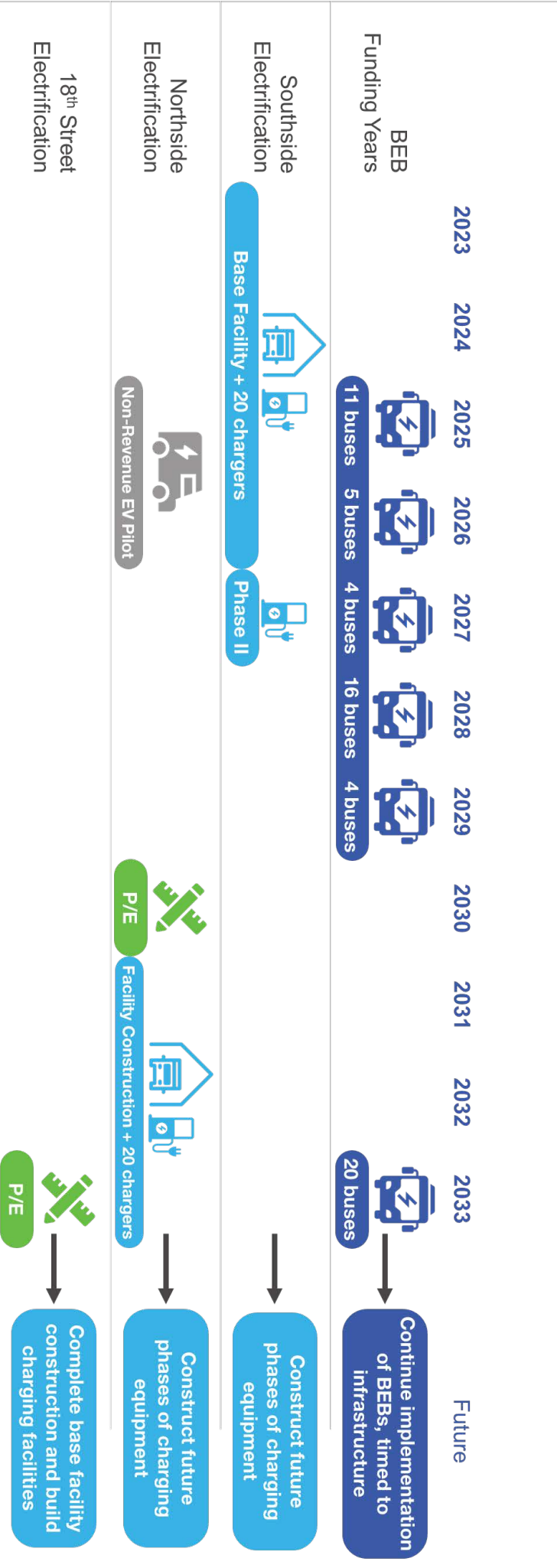
Draft; capital project information subject to change.



Electrification

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Electrification Funding Timeline



New Southside Operating and Maintenance Division

- This project will replace the existing Parks Avenue bus storage and maintenance facility with a new southside garage and maintenance facility.
- The new facility will have capacity for 115 buses
- Charging for 40 buses
- Additional chargers will be phased in over time to align with fleet transition needs.
- The new facility will save 62,000 miles per year of deadhead costs and reduce operating and maintenance costs due to the transition to an electric fleet.



HAMPTON ROADS TRANSIT

Upcoming TDCHR Meetings

- October 27 (Norfolk) – Operations (Fleet Plan) and
Complete Draft FY24-33 CIP
- December 8 (Norfolk) – Vote on Adoption of CIP





TDCHR CIP Work Session: Light Rail, Facilities and Electrification

September 22, 2022

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