

INTRODUCED: September 27, 2021

AN ORDINANCE No. 2021-271

To authorize the Chief Administrative Officer, for and on behalf of the City of Richmond, to accept funds in the total amount of \$1,489,000.00 from the Virginia Department of Transportation and to appropriate the increase to the Fiscal Year 2021-2022 Capital Budget by increasing estimated revenues and the amount appropriated to the Department of Public Works' Transportation Projects project in the Transportation category by \$1,489,000.00 for the purpose of funding the construction of improvements to Forest Hill Avenue from its intersection with Hathaway Road to its intersection with Powhite Parkway.

Patron – Mayor Stoney

Approved as to form and legality
by the City Attorney

PUBLIC HEARING: OCT 11 2021 AT 6 P.M.

THE CITY OF RICHMOND HEREBY ORDAINS:

§ 1. That the Chief Administrative Officer is hereby authorized to accept funds in the amount of \$1,489,000.00 from the Virginia Department of Transportation for the purpose of funding the construction of improvements to Forest Hill Avenue from its intersection with Hathaway Road to its intersection with Powhite Parkway.

§ 2. That the funds received are hereby appropriated to the Capital Budget for the fiscal year commencing July 1, 2021, and ending June 30, 2022, by increasing estimated revenues by \$1,489,000.00, increasing the amount appropriated for expenditures by \$1,489,000.00, and

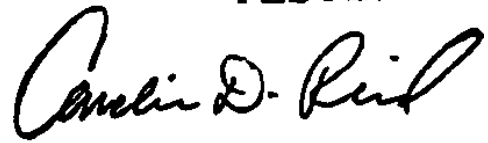
AYES: 9 NOES: 0 ABSTAIN: _____

ADOPTED: OCT 11 2021 REJECTED: _____ STRICKEN: _____

allotting to the Department of Public Works' Transportation Projects project in the Transportation category the sum of \$1,489,000.00 for the purpose of funding the construction of improvements to Forest Hill Avenue from its intersection with Hathaway Road to its intersection with Powhite Parkway.

§ 3. This ordinance shall be in force and effect upon adoption.

**A TRUE COPY:
TESTE:**

A handwritten signature in black ink, appearing to read "Amelia D. Reil". The signature is written in a cursive style with a large initial 'A'.

City Clerk



CITY OF RICHMOND

INTRACITY CORRESPONDENCE

O&R REQUEST

DATE: August 10, 2021 **EDITION:** 1

TO: The Honorable Members of City Council

THROUGH: The Honorable Levar M. Stoney; Mayor *LM.S.*

THROUGH: J.E. Lincoln Saunders; Acting Chief Administrative Officer *JELS*

THROUGH: Robert C. Steidel; Deputy Chief Administrative Officer-Operations *RS*

THROUGH: Shelia D. White; Director of Finance *Shelia White*

THROUGH: Jason May; Interim Director of Budget & Strategic Planning *JM*

THROUGH: Bobby Vincent; Director of Public Works *BV*

THROUGH: M.S. Khara, PE; City Engineer *MSK*

FROM: Lamont Benjamin, PE; Capital Projects Administrator *LB*

RE: TO AMEND THE FY 2022 ADOPTED CAPITAL IMPROVEMENT PROGRAM BUDGET AND TO AUTHORIZE THE CHIEF ADMINISTRATIVE OFFICER TO ACCEPT AND APPROPRIATE \$1,489,000 FROM THE VIRGINIA DEPARTMENT OF TRANSPORTATION FOR THE CONSTRUCTION OF THE FOREST HILL AVENUE IMPROVEMENT PROJECT.

ORD. OR RES. No. _____

PURPOSE: To amend Ord. No. 2021-042 adopted May 24, 2021 which adopted the Capital Improvement Plan for fiscal year 22 and to authorize the Chief Administrative Officer (CAO), for and on behalf of the City of Richmond, to accept funds in the total amount of \$1,489,000 from the Virginia Department of Transportation and appropriate the revenues by amending the FY2022-2026 Capital Improvement Program (CIP) Budget by appropriating \$1,489,000 for the purpose of funding the construction of the Forest Hill Avenue Improvement project. Award Number 500286

REASON: To accept and appropriate \$1,489,000 in Federal funds from the Virginia Department of Transportation to support the active construction contract for the Forest Hill Avenue Improvement Project.

RECOMMENDATION: Public Works recommends approval of this ordinance.

BACKGROUND: Forest Hill Avenue is an urban minor arterial road serving regional traffic and the surrounding neighborhoods and the surrounding businesses. It connects two major limited access highways, the Powhite Parkway and Chippenham Parkway and includes a significant business corridor. The project will provide a safe, multi-modal corridor for all users and improves livability.

The project is funded through coordination with the Virginia Department of Transportation (VDOT) and RVA Planning Organization using primarily Regional Surface Transportation Program (RSTP) funds.

Forest Hill Avenue within the project limits will be improved to include 2 – 11' foot travel lanes in each direction, a 12' foot raised landscaped median including left turn lanes, designated 5' bike lanes (continuation of the US 1 bike route from Fairlee Road to Hathaway Road on both sides), curbs, 4' sidewalks (both sides), pedestrian crosswalks, and a closed storm sewer system that will improve drainage along Forest Hill Avenue as well as adjacent neighborhoods.

Construction began on the project in the fall of 2018. During construction the project encountered unforeseen field conditions requiring plan design revisions along with extensive utility relocations by third parties which has caused a longer construction duration. The cost of construction and construction administration has increased therefore requiring the need for additional federal funds to support the project. In FY21 RVA Planning Organization approved \$1,489,000 in reimbursable federal funds to support the increased construction cost. The funds were adopted by the CTB and allocated through the Virginia Department of Transportation's Six Year Improvement Plan (SYIP).

The total project cost is estimated at \$14,200,000.00 and is scheduled to be completed by December 1, 2021.

FISCAL IMPACT / COST: None. Federal funds are 100% reimbursable.

FISCAL IMPLICATIONS: The addition of these funds will allow the Department of Public Works to fund the increase in Construction cost of the Forest Hill Improvement project.

BUDGET AMENDMENT NECESSARY: Yes. This request amends the adopted FY2022-2026 Capital Improvement Plan and appropriate \$1,489,000 in FY22 CIP award number 500286.

REVENUE TO CITY: \$1,489,000 reimbursable federal funds.

DESIRED EFFECTIVE DATE: Upon adoption.

REQUESTED INTRODUCTION DATE: September 27, 2021.

CITY COUNCIL PUBLIC HEARING DATE: October 11, 2021.

REQUESTED AGENDA: Consent Agenda.

RECOMMENDED COUNCIL COMMITTEE: Planning Commission.

CONSIDERATION BY OTHER GOVERNMENTAL ENTITIES: None

AFFECTED AGENCIES: Public Works; Law Department; Planning & Community Development; Economic Development; Public Utilities; Finance Department; Budget and Strategic Planning. Copies also sent to: City Mayor (Honorable Levar M. Stoney); Chief Administrative Officer and City Attorney (2).

RELATIONSHIP TO EXISTING ORD. OR RES.: Feasibility Study City/State agreement was authorized by City Council on January 14, 2002 (Ordinance No. 2001-391-2002-18), Authorize the CAO to execute all City/State Agreements (Ordinance No. 2013-165-151) on July 22, 2013. Public Necessity authorized by City Council (Ordinance no. 2014-88-62) April 28, 2014.

REQUIRED CHANGES TO WORK PROGRAM(S): None.

ATTACHMENTS: VDOT Adopted SYIP FY21

STAFF: M. S. Khara, P.E.; City Engineer, 646-5413
Lamont L. Benjamin, P.E.; Capital Projects Administrator, 646-6339



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Six-Year Improvement Program



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Line Item Details

Project Summary

UPC 19036
 Project FOREST HILL AVENUE IMPROVEMENTS
 Scope of Work Reconstruction w/a Added Capacity
 Description FROM HATHAWAY RD TO: POWHITE PARKWAY
 Report Note Locally Administered
 Fund Source STP

Project Location

District Richmond Jurisdiction Richmond
 Road System Urban Length 0.7400 MI
 Route U000 Street FOREST HILL AVENUE
 MPO Area Richmond
 Zip Code 23225

Estimates & Schedule

	Estimated Cost (Thousands)	Schedule
Prelim. Eng. (PE)	\$1,945	Complete
Right of Way (RW)	\$2,319	Complete
Construction (CN)	\$9,926	Complete
Total Estimate	\$14,190	

Required Allocations

Fund Sources	Previous Allocations	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	Required After FY2026
	Values in Thousands of Dollars							
Legacy CN Formula Federal	\$300	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Legacy CN Formula Match	\$68	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Specialized State and Federal Federal	\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Specialized State and Federal Match	\$313	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Specialized State and Federal MPO CMAQ	\$500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Specialized State and Federal MPO RSTP	\$11,512	\$1,489	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding	\$12,701	\$1,489	\$0	\$0	\$0	\$0	\$0	\$0

ALTERNATIVE A - FY21 - FY26 CMAQ FUNDS					ALLOCATIONS									
Sponsor	Project UPC	Description	Total Estimate	Previous Funds	FY21	FY22	FY23	FY24	FY25	FY26	FY21-FY26 CMAQ	Other Planned Funds	Balance to Complete	NOTES
GRTC	-20113	GRTC REPLACEMENT OF ROLLING STOCK CNG BUSES (FY22)	\$2,465,420	\$1,852,270		\$698,150					\$698,150	\$0	(\$85,000)	At sponsor request, transfer \$85k in FY16 CMAQ from T9717 to this project; estimate needs to be updated; funding already flexed to FTA
Henrico	115201	Patterson Avenue Sidewalks	\$1,366,000	\$0		\$200,000	\$270,000	\$896,000			\$1,366,000	\$0	\$0	
Chesterfield	115784	Meadowdale Blvd (Dalebrook Drive to Beulah Rd) Ped-Bike Imps	\$3,660,000	\$0		\$500,000		\$500,000		\$2,660,000	\$3,660,000	\$0	\$0	CN balance in FY27
Port of Virginia	115815	I-64 Express Barge Service Expansion	\$3,000,000	\$0		\$410,000	\$2,590,000				\$3,000,000	\$0	\$0	Advanced some of the funding per sponsor request
Henrico	109951	Henrico County Automated Traffic Management System (ATMS)	\$9,805,731	\$5,962,692	\$2,555,441	\$1,287,598					\$3,843,039	\$0	\$0	
Chesterfield	113843	Route 1 (Merriewood Rd to Elliham Ave) Sidewalk	\$1,250,000	\$450,000		\$800,000					\$800,000	\$0	\$0	
Chesterfield	115063	Route 60 (Ruthers Rd-Stonebridge Plaza Ave) Shared-Use Path	\$5,504,000	\$954,000	\$262,500	\$340,000	\$2,737,178	\$110,822			\$3,450,500	\$1,099,500	\$0	Receive a transfer of \$273,000 previous RSTP funds from UPC 106296.
Henrico	101034	#HB2.FY17 RTE 6 PATTERSON AVE AT PARHAM RD INTERSECTION	\$12,754,186	\$5,458,731	\$2,525,000	\$2,525,000					\$5,050,000	\$3,491,269	(\$1,245,814)	Smart Scale project so surplus cannot be removed.
Henrico	106299	PEDESTRIAN & SIGNAL IMPRMNTS - VARIOUS LOCATIONS (AZALEA)	\$1,615,000	\$615,000	\$1,000,000						\$1,000,000	\$0	\$0	
Henrico	109190	LABURNUM AVENUE SIDEWALK	\$961,391	\$515,309	\$318,664	\$127,418					\$446,082	\$0	\$0	
Ridefinders	-203	Regionwide Air Pollution Reduction Program - Ridefinders	N/A		\$509,000	\$509,000	\$509,000				\$1,527,000	\$0	N/A	Funding FY21 - FY23 per TAC for this approach. Annual application to continue funding
Richmond	-1811	City of Richmond: Employee Trip Reduction Program	N/A	\$86,447	\$23,553						\$23,553	\$0	N/A	Added \$86,447 in previous closeout funds from balance entry 101492 (\$9,706 in FY10, \$76,741 in FY16); balance of request in FY21
Richmond	105890	Richmond Signal System - Phase III	\$7,340,000	\$6,312,350	\$1,027,650						\$1,027,650	\$0	\$0	City requested \$1,027,650 for CN phase. Estimate in VDOT system needs to be updated (bid - \$6,979,000)
Richmond	New	Richmond Signal System – Phase IV	\$5,488,000	\$0			\$1,293,000	\$3,000,000	\$1,195,000		\$5,488,000	\$0	\$0	

ALTERNATIVE A - FY21 - FY26 CMAQ FUNDS					ALLOCATIONS									
Sponsor	Project UPC	Description	Total Estimate	Previous Funds	FY21	FY22	FY23	FY24	FY25	FY26	FY21-FY26 CMAQ	Other Planned Funds	Balance to Complete	NOTES
Chesterfield	111712	Route 1 (Marina Drive - Merriewood Road) Shared-Use Path	\$2,496,640	\$400,000		\$414,000					\$414,000	\$1,682,640	\$0	Smart Scale Project - balance for increased cost. Fully funds
Henrico	New	Nuckols Road Pedestrian Improvements	\$2,160,000	\$0				\$332,000		\$412,000	\$744,000	\$0	\$1,416,000	RW balance in FY 27, CN in FY28
Henrico	New	Brook Road & Hilliard Road Trail	\$4,757,000	\$0				\$298,500	\$298,500	\$887,000	\$1,484,000	\$0	\$3,273,000	CN in FY28
Chesterfield	New	Old Bermuda Hundred Road at Ramblewood Drive Roundabout	\$5,146,000	\$0				\$525,000	\$500,000	\$406,000	\$1,431,000	\$0	\$3,715,000	CN in FY27/FY28
Henrico	New	Rt 33-60-Beulah Roundabout	\$5,519,000	\$0				\$689,000			\$689,000	\$0	\$4,830,000	Project has PE, RW, and CN phases. Applicant requested funding for PE only and will seek funding for balance from other sources
Chesterfield	New	Brad McNeer Parkway Access Management and Roundabout	\$9,336,000	\$0				\$530,000	\$4,210,000	\$1,046,000	\$5,786,000	\$0	\$3,550,000	CN in FY27
N/A	101492	Richmond Region-wide Traffic/Operations Improvements	N/A	N/A	\$0	\$410,642	\$822,630	\$1,823,487	\$2,663,919	\$3,621,794				
			Available Funding		\$ 8,221,808	\$ 8,221,808	\$ 8,221,808	\$ 8,704,809	\$ 8,867,419	\$ 9,032,794				
			Allocations		\$ 8,221,808	\$ 8,221,808	\$ 8,221,808	\$ 8,704,809	\$ 8,867,419	\$ 9,032,794				
			Difference		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				

ALTERNATIVE A - FY21 - FY26 RSTP ALLOCATIONS					ALLOCATIONS									
Sponsor	Project UPC	Description	Total Estimate	Total Previous Funds	FY21	FY22	FY23	FY24	FY25	FY26	FY21 - FY26 RSTP	Other Planned Funds	Balance to Complete	NOTES
Goochland	105733	RTE 623 - IMPROVE INTERSECTION	\$5,476,000	\$0		\$729,000		\$311,959	\$4,417,000		\$5,457,959	\$18,041	\$0	Per local schedule; PE in FY22, RW in FY24, CN in FY25; \$18,041 in Tele funds in FY23
Charles City	106296	RTE 155 - CONSTRUCT TRAIL (PE Only)	\$400,000	\$0		\$400,000					\$400,000	\$0	\$0	Move whole project estimate to FY22. Transfer \$273,000 previous RSTP funds to UPC 115063.
Henrico	109194	#SMART20 - PARHAM RD TRAFFIC SIGNAL AND SIDEWALK PROJECT	\$4,460,000	\$430,000			\$972,500	\$1,387,500	\$335,000		\$2,695,000	\$1,335,000	\$0	
Hanover	109260	POLE GREEN RD WIDENING	\$20,000,000	\$5,764,452		\$1,600,000		\$3,500,000	\$4,000,000	\$3,834,748	\$12,934,748	\$1,300,800	\$0	Kept current funding scheme (partial RW, full PE, CN)
Chesterfield	113846	Early Settlers Rd Sidewalk: Robius Rd to Hospital/Park	\$1,170,000	\$0		\$270,000	\$150,000	\$750,000			\$1,170,000	\$0	\$0	
Hanover	115195	Atlee Station Rd Widening	\$31,529,239	\$0					\$2,500,000	\$4,000,000	\$6,500,000	\$20,650,400	\$4,378,839	Local schedule: PE - 8/3/2020; RW - 5/22/23; CN - 5/2/26 per application. CN balance in FY27 per schedule
Richmond	115200	Hull Street Improvement Project Phase III	\$11,664,209	\$0				\$727,127	\$1,213,420	\$3,500,000	\$5,440,547	\$0	\$6,223,662	CN balance in FY27/FY28 per schedule
Henrico	115769	Libbie Avenue Road Diet - Bethlehem Rd to W Broad St	\$1,725,000	\$0		\$185,000	\$10,000	\$1,530,000			\$1,725,000	\$0	\$0	
Richmond	104888	#SGR - RTE 360 - REHAB MAYO BRIDGE	\$12,400,000	\$4,977,756		\$1,532,321	\$1,500,000				\$3,032,321	\$789,923	\$3,600,000	Balance to possibly be provided by a pending Revenue Sharing application request for \$3.6 million.
Chesterfield	115063	Route 60 (Ruthers Rd-Stonebridge Plaza Ave) Shared-Use Path	\$5,504,000	\$954,000	\$700,000	\$399,500					\$1,099,500	\$3,450,500	\$0	Receive a transfer of \$273,000 previous RSTP funds from UPC 106296 (included in previous)
Hanover	13551	#SMART18 - RTE 360 WIDENING	\$23,894,526	\$11,676,006			\$3,996,747	\$2,158,580			\$6,155,327	\$6,352,667	(\$289,474)	Smart Scale project so surplus cannot be removed.
Henrico	50529	RTE 9999 (THREE CHOPT ROAD) WIDEN TO 4 LANES	\$22,653,669	\$24,653,669			\$962,000				\$962,000	\$0	(\$2,962,000)	County to provide revised estimate. Anticipate estimate may be higher than current allocations
Henrico	104148	SADLER RD - RECONSTRUCTION	\$27,106,587	\$17,586,587		\$3,500,000	\$4,300,000	\$1,720,000			\$9,520,000	\$0	\$0	RW and CN only. PE under 60934. County requested an additional \$920,000.

ALTERNATIVE A - FY21 - FY26 RSTP ALLOCATIONS					ALLOCATIONS									
Sponsor	Project UPC	Description	Total Estimate	Total Previous Funds	FY21	FY22	FY23	FY24	FY25	FY26	FY21 - FY26 RSTP	Other Planned Funds	Balance to Complete	NOTES
Richmond	104281	DEEPWATER TERMINAL RD - EXTEND EXISTING ROADWAY	\$5,325,800	\$3,928,898	\$568,102	\$498,800	\$330,000				\$1,396,902	\$0	\$0	
Chesterfield	104889	RT 10 (Whitepine to Frith) WIDENING	\$15,181,279	\$1,950,000	\$7,958,213	\$5,273,066					\$13,231,279	\$0	\$0	
Chesterfield	104890	RTE 360 E (Lonas Pkwy to Castle Rock Rd) - WIDENING	\$7,818,000	\$5,790,167	\$1,050,000	\$977,833					\$2,027,833	\$0	\$0	
Chesterfield	107085	RTE 641 - REPLACE SD BRIDGE FED ID 5280	\$6,019,000	\$4,019,000		\$1,379,000	\$621,000				\$2,000,000	\$0	\$0	
Henrico	109190	LABURNUM AVENUE SIDEWALK	\$961,391	\$515,309	\$127,418						\$127,418	\$318,664	\$0	
Ashland	112042	ROUTE 1 IMPROVEMENTS: ASHCAKE RD TO ARBOR OAK DR	\$9,696,729	\$1,096,891	\$2,550,999	\$1,094,568	\$3,390,086	\$1,564,185			\$8,599,838	\$0	\$0	
Port of Virginia	113832	Richmond Marine Terminal (RMT) Gate Impr. & New Drop-off Lot	\$2,550,000	\$845,417	\$852,300	\$852,283					\$1,704,583	\$0	\$0	
Henrico	113833	Three Chopt Rd Sidewalk Impr. (Dinwiddie Ave to Bexhill Rd)	\$2,165,000	\$365,000			\$1,800,000				\$1,800,000	\$0	\$0	
Richmond	19036	FOREST HILL AVENUE IMPROVEMENTS	\$14,189,886	\$12,700,956	\$1,488,930						\$1,488,930	\$0	\$0	Locality requested \$1.4M additional to finish construction phase. Shortfall fully funded
Chesterfield	101020	#HB2.FY17 RTE 10 (BERMUDA TRIANGLE RD TO MEADOWVILLE RD)	\$64,637,849	\$56,866,679	\$2,791,123						\$2,791,123	\$4,980,047	\$0	
Ashland	103393	ASHLAND TROLLEY LINE TRAIL	\$1,710,156	\$1,645,599	\$64,557						\$64,557	\$0	\$0	Locality request for additional \$135,000 for CN. Added \$70,443 in FY17/previous from balance entry UPC 101492. Balance in FY21
RRTPO	New	RRTPO Scenario Planning Pilot	\$243,550	\$0	\$243,550						\$243,550	\$0	\$0	
Henrico	New	W Broad St Intersection Improvements at Dominion and Cox	\$11,487,000	\$0	\$379,334	\$379,333	\$379,333	\$1,580,000	\$800,000		\$3,518,000	\$0	\$7,969,000	CN in FY27, FY28
Chesterfield	New	US 360 Superstreets Study	\$300,000	\$0	\$300,000						\$300,000	\$0	\$0	

ALTERNATIVE A - FY21 - FY26 RSTP ALLOCATIONS					ALLOCATIONS									
Sponsor	Project UPC	Description	Total Estimate	Total Previous Funds	FY21	FY22	FY23	FY24	FY25	FY26	FY21 - FY26 RSTP	Other Planned Funds	Balance to Complete	NOTES
Chesterfield	New	Route 60 Corridor Improvement Study	\$125,000	\$0	\$125,000						\$125,000	\$0	\$0	
Henrico	New	W Broad St Pedestrian and Transit Improvements - Glenside Dr to Parham Rd	\$11,272,000	\$0				\$1,125,000		\$820,000	\$1,945,000	\$0	\$9,327,000	RW in FY27/28; CN in FY29/30
Chesterfield	New	Route 1 (Holiday Lane - Willis Road) Shared-Use Path	\$4,370,000	\$0				\$332,000	\$1,600,000	\$2,438,000	\$4,370,000	\$0	\$0	Some CN funding in FY25 if project goes to ad early
Goochland	New	IJR - Route 288 (West Creek Area)	\$499,900	\$0	\$499,900						\$499,900	\$0	\$0	
N/A	101492	Richmond Region-Wide Traffic/Operations Improvements	N/A	\$0	\$0	\$1,004,997	\$2,046,708	\$4,161,200	\$6,377,925	\$7,053,120		N/A	N/A	
			Available Funding		\$ 19,699,426	\$ 20,075,701	\$ 20,458,374	\$ 20,847,551	\$ 21,243,345	\$ 21,645,868				
			Allocations		\$ 19,699,426	\$ 20,075,701	\$ 20,458,374	\$ 20,847,551	\$ 21,243,345	\$ 21,645,868				
			Difference		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				