

INTRODUCED: December 9, 2024

AN ORDINANCE No. 2024-325

To authorize the Chief Administrative Officer, for and on behalf of the City of Richmond, to accept funds in the total amount of \$1,148,000.00 from the Virginia Department of Transportation and to amend Ord. No. 2024-100, adopted May 13, 2024, which accepted a program of proposed Capital Improvement Projects for Fiscal Year 2024-2025 and the four fiscal years thereafter, adopted a Capital Budget for Fiscal Year 2024-2025, and determined a means of financing the same, by (i) establishing a new project for the Department of Public Works in the Transportation category called the “Richmond Signal System Smart City Traffic Signal Controllers” project and (ii) increasing estimated revenues from the funds received from the Virginia Department of Transportation and the amount appropriated to the new Department of Public Works’ “Richmond Signal System Smart City Traffic Signal Controllers” project in the Transportation category by \$1,148,000.00, for the purpose of funding the implementation of a Richmond Signal System Smart City Traffic Signal Controllers program.

\_\_\_\_\_  
Patron – Mayor Stoney

\_\_\_\_\_  
Approved as to form and legality  
by the City Attorney  
\_\_\_\_\_

PUBLIC HEARING: JAN 13 2025 AT 6 P.M.

THE CITY OF RICHMOND HEREBY ORDAINS:

§ 1. That the Chief Administrative Officer, for and on behalf of the City of Richmond, be and is hereby authorized to accept funds in the total amount of \$1,148,000.00 from the Virginia Department of Transportation for the purpose of funding the implementation of a

AYES: \_\_\_\_\_ NOES: \_\_\_\_\_ ABSTAIN: \_\_\_\_\_

ADOPTED: \_\_\_\_\_ REJECTED: \_\_\_\_\_ STRICKEN: \_\_\_\_\_

Richmond Signal System Smart City Traffic Signal Controllers program.

§ 2. That Ordinance No. 2024-100, adopted May 13, 2024, which accepted a program of proposed Capital Improvement Projects for the fiscal year commencing July 1, 2024, and ending June 30, 2025, and the four fiscal years thereafter, adopted a Capital Budget for the fiscal year commencing July 1, 2024, and ending June 30, 2025, and determined a means of financing the same, be and is hereby amended by establishing a new project for the Department of Public Works in the Transportation category called the “Richmond Signal System Smart City Traffic Signal Controllers” for the purpose of funding the implementation of a Richmond Signal System Smart City Traffic Signal Controllers program.

§ 3. That Ordinance No. 2024-100, adopted May 13, 2024, which accepted a program of proposed Capital Improvement Projects for the fiscal year commencing July 1, 2024, and ending June 30, 2025, and the four fiscal years thereafter, adopted a Capital Budget for the fiscal year commencing July 1, 2024, and ending June 30, 2025, and determined a means of financing the same, be and is hereby amended by increasing estimated revenues and the amount appropriated for expenditures by \$1,148,000.00, and allotting such sum to the Department of Public Works’ “Richmond Signal System Smart City Traffic Signal Controllers” project in the Transportation category by \$1,148,000.00, for the purpose of funding the implementation of a Richmond Signal System Smart City Traffic Signal Controllers program.

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

APPROVED AS TO FORM:

  
\_\_\_\_\_  
CITY ATTORNEY’S OFFICE



# City of Richmond

900 East Broad Street  
2nd Floor of City Hall  
Richmond, VA 23219  
www.rva.gov

## Master

**File Number: Admin-2024-1428**

<b>File ID:</b> Admin-2024-1428	<b>Type:</b> Request for Ordinance or Resolution	<b>Status:</b> Regular Agenda
<b>Version:</b> 1	<b>Reference:</b>	<b>In Control:</b> City Clerk Waiting Room
<b>Department:</b>	<b>Cost:</b>	<b>File Created:</b> 11/13/2024
<b>Subject:</b>		<b>Final Action:</b>
<b>Title:</b>		

**Internal Notes:**

**Code Sections:**

**Agenda Date:** 12/09/2024

**Indexes:**

**Agenda Number:**

**Patron(s):**

**Enactment Date:**

**Attachments:** Admin-2024-1428 SYIP 2025-30 UPC 125640 RSS Smart City Traffic Signal Controllers, Admin-2024-1428 WD Ordinance-Accept \$1148000 from VDOT - Smart City Traffic Signal Project-AATF, Admin-2024-1428 UPC125640 Project Administration Agreement\_final

**Enactment Number:**

**Contact:**

**Introduction Date:**

**Drafter:** Enrique.Burgos@rva.gov

**Effective Date:**

**Related Files:**

### Approval History

Version	Seq #	Action Date	Approver	Action	Due Date
1	1	11/14/2024	Michael Sawyer - FYI	Notified - FYI	
1	2	11/14/2024	M.S. Khara	Approve	11/18/2024
1	3	11/20/2024	Bobby Vincent	Approve	11/18/2024
1	4	11/20/2024	Robert Steidel - FYI	Notified - FYI	
1	5	11/20/2024	Meghan Brown	Approve	11/22/2024
1	6	11/21/2024	Sheila White	Approve	11/22/2024
1	7	11/21/2024	Sabrina Joy-Hogg	Approve	11/25/2024
1	8	11/22/2024	Jeff Gray	Approve	11/25/2024
1	9	11/22/2024	Lincoln Saunders	Approve	12/3/2024
1	10	11/22/2024	Enrique Burgos - FYI	Notified - FYI	
1	11	11/22/2024	Mayor Stoney	Approve	12/10/2024

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### History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
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Text of Legislative File Admin-2024-1428

# City of Richmond

## Intracity Correspondence

**O&R Transmittal**

**DATE:** November 13, 2024

**TO:** The Honorable Members of City Council

**THROUGH:** The Honorable Levar M. Stoney, Mayor

**THROUGH:** J.E. Lincoln Saunders, Chief Administrative Officer

**THROUGH:** Sabrina B. Joy-Hogg, Deputy Chief Administrative Officer, Finance and Administration

**THROUGH:** Sheila White; Director of Finance

**THROUGH:** Meghan K. Brown; Director of Budget & Strategic Planning

**THROUGH:** Bobby Vincent Jr.; Director of Public Works

**FROM:** M.S. Khara, P.E.; City Engineer

**RE:** TO AMEND THE FY25 ADOPTED CAPITAL IMPROVEMENT PROGRAM BUDGET AND TO AUTHORIZE THE CHIEF ADMINISTRATIVE OFFICER TO ACCEPT AND APPROPRIATE FUNDS FROM THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) ON THE AMOUNT OF \$1,148,000 FOR THE RICHMOND SIGNAL SYSTEM SMART CITY TRAFFIC SIGNAL CONTROLLERS PROJECT (UPC 125640)

**ORD. OR RES. No.**

**PURPOSE:** To amend Ord. No. 2024-099 adopted May 13, 2024, which adopted the Capital Improvement Plan for FY 2025, and to authorize the Chief Administrative Officer, for and on behalf of the City of Richmond, to accept Congestion Mitigation and Air Quality (CMAQ) funds in the total amount of \$1,148,000 from the Virginia Department of Transportation (VDOT) and appropriate the revenues by amending the FY2025-2029 Capital Improvement Program (CIP) Budget on the amount of \$1,148,000 to a New Award Project [“Richmond Signal System Smart City Traffic Signal Controllers”].

**BACKGROUND:** The Virginia Department of Transportation (VDOT) requests that the City enter

into a standard project administration agreement for the design and implementation of the Richmond Signal System Smart City Traffic Signal Controllers Project (UPC 125640).

The Bipartisan Infrastructure Law continues the CMAQ Program under the same rules as the Fixing America's Surface Transportation (FAST) Act. The new Carbon Reduction Program (CRP) also provides new opportunities for similar projects. The City recently applied for a grant to replace traffic signal controllers for approximately 300 intersections. The Richmond Regional Transportation Planning Organization (RRTPO) recommended funding this project through the CMAQ/CRP Program, which has been included in the Six-Year Improvement Program (SYIP) 2025-2030 by the Commonwealth Transportation Board.

Multimodal demand for safe access on our city streets is growing. The City's transportation professionals are responding using its Vision Zero principles and its Complete Streets policies to leverage smart cities technology to shift transportation modes and improve safety at our signalized intersections. As a result of partnerships with PlanRVA, the Richmond Signal System has been expanded to cover 95% of our city, and shortly Phase IV implementation will have 100% of the signals connected to our Transportation Management Center.

Leveraging partnerships, the City constructed its traffic signal communication network with a fiber optic backbone connection to account for future technology. In order to effectively manage multimodal transportation with connected autonomous vehicles (CAVs), new tools are available through the FHWA Advanced Transportation and Congestion Management Technologies Deployment Program (ATCMTD).

The Department of Public Works (DPW) maintains and operates 486 signalized intersections. This project will replace the traffic signal controllers on approximately 300 signalized intersections within the High Injury Street Network (HISN) corridors, BRT corridor, proposed BRT corridors, and the GRTC transit corridors. This traffic signal controller's improvement will be aligned with other Smart Cities technology. These advanced traffic signal controllers provide improved core traffic controller capabilities (e.g. emergency vehicle preemption and transit signal priority). It is also designed with the future in mind, supporting the demands of Smart City and connected vehicle applications for the next level in multimodal intersection safety for people who walk and bike.

The total project cost estimate is \$7,266,536, which \$7,194,836 will be allocated to the City and \$71,700 for VDOT oversight expenses. The amount of \$7,194,836 for the City project expenses will be 100% reimbursable from the CMAQ federal funded program.

**COMMUNITY ENGAGEMENT:** Public hearings are scheduled at the Land Use, Housing and Transportation Standing Committee (LUHT) on October 22, 2024, as well as City Council on November 12, 2024.

**STRATEGIC INITIATIVES AND OTHER GOVERNMENTAL:** Richmond 300 Master Plan; Richmond Connects; Vision Zero Action Plan. No other governmental entity needs to review.

**FISCAL IMPACT:** None. Project funds are 100% reimbursable. Not accepting this project will result in a loss of potential revenue of \$7,194,836 in reimbursable CMAQ/CRP funds.

**DESIRED EFFECTIVE DATE:** Upon Adoption

**REQUESTED INTRODUCTION DATE:** December 9, 2024

**CITY COUNCIL PUBLIC HEARING DATE:** January 13, 2025

**REQUESTED AGENDA:** Consent Agenda

**RECOMMENDED COUNCIL COMMITTEE:** Land Use, Housing and Transportation Standing Committee (LUHT) - December 17, 2024

**CONSIDERATION BY OTHER GOVERNMENTAL ENTITIES:** None

**AFFECTED AGENCIES:** Public Works; Planning and Development Review; Public Utilities; Finance; Budget and Strategic Planning; Copies also sent to: City Mayor; Chief Administrative Officer; Deputy Chief Administrative Officer; and City Attorney

**RELATIONSHIP TO EXISTING ORD. OR RES.:**

- Ord. No. 2024-099
- Admin-2024-1017
- Ord. No. 2024-214

**ATTACHMENTS:** SYIP 2025-2030

**STAFF:** Prepared for: Mr. Bobby Vincent, Jr., Director, DPW 646-6444  
Prepared by: M. S. Khara, P.E., City Engineer, DPW 646-5413  
Coordinated by: Enrique Burgos, PE, Signal Systems Engineer, 646-6337

**STANDARD PROJECT ADMINISTRATION AGREEMENT**  
**Federal-aid Projects**

Project Number	UPC	Local Government
9999-127-180	125640	CITY OF RICHMOND

THIS AGREEMENT, is hereby made and effective the date of the last (latest) signature set forth below, by and between the CITY OF RICHMOND, VIRGINIA, hereinafter referred to as the LOCALITY and the Commonwealth of Virginia, Department of Transportation, hereinafter referred to as the DEPARTMENT. The DEPARTMENT and the LOCALITY are collectively referred to as the "Parties."

WHEREAS, the LOCALITY has expressed its desire to administer the work described in Appendix A, and such work for each improvement shown in Appendix A is hereinafter referred to as the "Project;" and

WHEREAS, the funds shown in Appendix A have been allocated to finance the Project; and

WHEREAS, the LOCALITY is committed to the development and delivery of the Project in an expeditious manner; and

WHEREAS, the LOCALITY is responsible for administering the Project in accordance with DEPARTMENT guidelines, including the most current *Locally Administered Projects Manual* ("LAP Manual"), and with the program specific requirements shown in Appendix B, based on the nature of the allocated funding for the Project as shown in the Appendix A; and

WHEREAS, the Parties have concurred in the LOCALITY's administration of all phases of work for the Project in accordance with applicable federal, state and local laws and regulations; and

WHEREAS, the LOCALITY's governing body has by resolution, demonstrated the LOCALITY'S commitment to provide local funding for the Project to the extent contemplated by this Agreement and further, by resolution or otherwise, authorized its designee to execute this Agreement, and said authorizations are attached hereto.

NOW THEREFORE, in consideration of the mutual premises contained herein, the Parties hereto agree as follows:

1. The representations, covenants and recitations set forth in the foregoing recitals are material to this Agreement and are hereby incorporated into and made a part of this Agreement as though they were fully set forth in this Section 1.
2. The LOCALITY shall:



- a. Be responsible for all activities necessary to complete the noted phase(s) of the Project as shown in Appendix A, except for activities, decisions, and approvals which are the responsibility of the DEPARTMENT, as expressly required by federal or state laws and regulations, or as otherwise agreed to, in writing, between the Parties. Every phase of the Project will be designed and constructed to meet or exceed current American Association of State Highway and Transportation Officials standards when the facilities are locally maintained and shall further comply with all supplementary standards established by the DEPARTMENT when the facilities are maintained by the DEPARTMENT.
- b. Meet all funding obligation and expenditure timeline requirements in accordance with all applicable federal and state laws and regulations, all applicable Commonwealth Transportation Board and DEPARTMENT policies, and those additional requirements as identified in Appendices A and B to this Agreement. Noncompliance with this requirement may result in deallocation of the funding from the Project, rescission of state funding match, termination of this Agreement, or the DEPARTMENT's denial of future requests to administer projects by the LOCALITY, all of which actions are at the discretion of the DEPARTMENT or as can be taken pursuant to applicable laws, regulations, or policies.
- c. Receive prior written authorization from the DEPARTMENT to proceed with preliminary engineering, right-of-way acquisition and utility relocation, advertisement and award for the Project, as required in the most current LAP Manual and other applicable DEPARTMENT guidelines.
- d. Administer the Project in accordance with the DEPARTMENT's most current LAP Manual and other guidelines applicable to Locally Administered Projects as published by the DEPARTMENT.
- e. Maintain accurate and complete records of the Project's development as required in the LAP Manual and any supplemental guidance and directives of the DEPARTMENT and retain documentation of all expenditures and make such information available for inspection or auditing by the DEPARTMENT upon request. Records and documentation for the Project shall be maintained for no less than three (3) years following the DEPARTMENT'S acceptance of the final voucher on the Project.
- f. At least quarterly, but no more frequently than monthly, submit invoices with supporting documentation to the DEPARTMENT in the form prescribed by the DEPARTMENT. The supporting documentation shall include copies of vendor and contractor invoices paid by the LOCALITY, an up-to-date Project summary and schedule, and a summary of all payment requests, payments and adjustments. A request for reimbursement shall be made within 90 days after any eligible Project expenses are incurred by the LOCALITY. Reimbursement for eligible expenditures shall not exceed funds allocated each year for the Project by the Commonwealth Transportation Board in the Six Year Improvement Program.

- g. Acknowledges that for federally-funded projects and pursuant to 2 CFR § 200.339, Remedies for Noncompliance, failure to comply with federal laws and regulations, or the terms and conditions of federal awards, may result in the imposition of sanctions including but not limited to possible denial or delay of payment of all or a part of the costs associated with the activity or action not in compliance.
  - h. Reimburse the DEPARTMENT for all Project expenses incurred by the DEPARTMENT if, due to action or inaction of the LOCALITY, federally-funded Project expenditures incurred are not reimbursed by the Federal Highway Administration (FHWA), or reimbursements are required to be returned to the FHWA, or in the event the reimbursement is required by the provisions of § 33.2-214 or § 33.2-331 of the Code of Virginia (1950), as amended, or other applicable provisions of federal, state, or local law or regulations.
  - i. On projects that the LOCALITY is providing the required match to state or federal funds, pay the DEPARTMENT the LOCALITY's match for eligible Project expenses incurred by the DEPARTMENT in the performance of activities set forth in paragraph 2.a.
  - j. Administer the Project in accordance with all applicable federal, state, and local laws and regulations. Failure to fulfill legal obligations associated with the Project may result in forfeiture of federal or state-aid reimbursements.
  - k. If legal services other than that provided by staff counsel are required in connection with condemnation proceedings associated with the acquisition of Right-of-Way, the LOCALITY will consult the DEPARTMENT to obtain an attorney from the list of outside counsel approved by the Office of the Attorney General. Costs associated with outside counsel services shall be reimbursable expenses of the Project.
  - l. Provide, or have others provide, maintenance of the Project upon completion, unless otherwise agreed to by the DEPARTMENT. Where the Project results in physical construction, the LOCALITY will continue to operate and maintain the Project in accordance with the final constructed design as approved by the DEPARTMENT. The LOCALITY agrees that any modification of the approved design features, without the approval of the DEPARTMENT, may, at the discretion of the DEPARTMENT, result in restitution either physically or monetarily as determined by the DEPARTMENT.
3. The DEPARTMENT shall:
- a. Perform any actions and provide any decisions and approvals, within a reasonable time, which are the responsibility of the DEPARTMENT, required by federal and state laws and regulations, or as otherwise agreed to, in writing, between the parties, and provide necessary coordination with the FHWA as determined to be necessary by the DEPARTMENT.

- b. Upon receipt of the LOCALITY's invoices pursuant to paragraph 2.f., reimburse the LOCALITY the cost of eligible Project expenses, as described in Appendix A. Such reimbursements shall be payable by the DEPARTMENT within 30 days of an acceptable submission by the LOCALITY.
  - c. Where applicable, submit invoices to the LOCALITY for the LOCALITY's share of eligible Project expenses incurred by the DEPARTMENT in the performance of activities pursuant to paragraphs 2. a. and 3.a.
  - d. Audit the LOCALITY's Project records and documentation as may be required to verify LOCALITY compliance with federal and state laws and regulations.
  - e. Upon LOCALITY'S request, make available to the LOCALITY guidelines to assist the Parties in carrying out responsibilities under this Agreement.
4. If designated by the DEPARTMENT, the LOCALITY is authorized to act as the DEPARTMENT's agent for the purpose of conducting survey work pursuant to § 33.2-1011 of the Code of Virginia (1950), as amended.
  5. Nothing in this Agreement shall obligate the Parties hereto to expend or provide any funds in excess of funds agreed upon in this Agreement or as shall have been included in an annual or other lawful appropriation. State and federal Project funding is limited to those identified in the Appendix A of this Agreement and is allocable only upon LOCALITY's compliance with all requirements of this Agreement. In the event the cost of all or part of the Project is anticipated to exceed the allocation shown on Appendix A, the Parties agree to cooperate in seeking additional funding for the Project or to terminate the Project before Project costs exceed the allocated amount. Any requested increase in federal or state funding is subject to DEPARTMENT policy and procedures applicable to the funding source and is not guaranteed.
  6. Nothing in this Agreement shall be construed as a waiver of the LOCALITY's or the Commonwealth of Virginia's sovereign immunity.
  7. The Parties mutually agree and acknowledge, in entering this Agreement, that the individuals acting on behalf of the Parties are acting within the scope of their official authority and capacity and the Parties agree that neither Party will bring a suit or assert a claim against any official, officer, or employee of either Party, in their individual or personal capacity for a breach or violation of the terms of this Agreement or to otherwise enforce the terms and conditions of this Agreement. The foregoing notwithstanding, nothing in this subparagraph shall prevent the enforcement of the terms and conditions of this Agreement by or against either Party in a competent court of law.
  8. The Parties mutually agree that no provision of this Agreement shall create in the public, or in any person or entity other than the Parties, rights as a third party beneficiary hereunder, or authorize any person or entity, not a party hereto, to maintain any action for, without limitation, personal injury, property damage, breach of contract, or return of money, or property, deposit(s), cancellation or forfeiture of bonds, financial instruments,

pursuant to the terms of this Agreement or otherwise. Notwithstanding any other provision of this Agreement to the contrary, unless otherwise provided, the Parties agree that the LOCALITY or the DEPARTMENT shall not be bound by any agreements between either party and other persons or entities concerning any matter which is the subject of this Agreement, unless and until the LOCALITY or the DEPARTMENT has, in writing, received a true copy of such agreement(s) and has affirmatively agreed, in writing, to be bound by such Agreement.

9. This Agreement may be terminated by either Party upon 30 days advance written notice to the other Party. Eligible Project expenses incurred through the date of termination shall be reimbursed in accordance with paragraphs 2.f, 2.h., and 3.b, subject to the limitations established in this Agreement and Appendix A. Upon termination and unless otherwise agreed to, the DEPARTMENT shall retain ownership of plans, specifications, and right of way, unless all state and federal funds provided for the Project have been reimbursed to the DEPARTMENT by the LOCALITY, in which case the LOCALITY will have ownership of the plans, specifications, and right of way.
10. Prior to any action pursuant to paragraphs 2.b, 2.g. or 2.h.of this Agreement, the DEPARTMENT shall provide notice to the LOCALITY with a specific description of the LOCALITY's breach of this Agreement. Upon receipt of a notice of breach, the LOCALITY will be provided the opportunity to cure such breach or to provide a plan to cure to the satisfaction to the DEPARTMENT. If, within sixty (60) days after receipt of the written notice of breach, the LOCALITY has neither cured the breach, nor is diligently pursuing a cure of the breach to the satisfaction of the DEPARTMENT, then upon receipt by the LOCALITY of a written notice from the DEPARTMENT stating that the breach has neither been cured, nor is the LOCALITY diligently pursuing a cure, the DEPARTMENT may exercise any remedies it may have under this Agreement or at law or in equity.
11. THE LOCALITY and DEPARTMENT acknowledge and agree that this Agreement has been prepared jointly by the Parties and shall be construed simply and in accordance with its fair meaning and not strictly for or against any Party.
12. THIS AGREEMENT, when properly executed, shall be binding upon both Parties, their successors, and assigns.
13. THIS AGREEMENT may be modified only in writing by mutual agreement of the Parties.

IN WITNESS WHEREOF, each Party hereto has caused this Agreement to be executed by their duly authorized representatives, acknowledging and agreeing that any digital signature affixed hereto shall be considered as an original signature for all purposes and shall have the same force and effect as an original signature.

**CITY OF RICHMOND, VIRGINIA:**

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Signature \_\_\_\_\_ Date \_\_\_\_\_

Chief Administrative Officer \_\_\_\_\_

Title \_\_\_\_\_

NOTE: The official signing for the LOCALITY must attach a certified copy of his or her authority to execute this Agreement.

**COMMONWEALTH OF VIRGINIA, DEPARTMENT OF TRANSPORTATION:**

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Signature \_\_\_\_\_ Date \_\_\_\_\_

Chief of Policy, Commonwealth of Virginia, Department of Transportation

- Attachments**
- Appendix A
  - Appendix B

## Appendix A - Locally Administered

Version: Original

Prepared Date: 7/8/2024

### Project Details

UPC:  State Project #:  CFDA #:  Locality UEI #:

Locality:  Address:

Work Description:  Project Location (Zip +4)

### Project Points of Contact

**Locality Project Manager**  
 Name: ENRIQUE BURGOS  
 Phone: 804-646-6503  
 Email: ENRIQUE.BURGOS@RVA.GOV

**VDOT Project Coordinator**  
 Name: Stephanie Underwood  
 Phone: 804-609-5433  
 Email: Stephanie.Underwood@vdot.virginia.gov

### Project Estimates

	Preliminary Engineering	Right of Way and Utilities	Construction	Total
Estimated Locality Project Expenses	\$1,113,238	\$0	\$6,081,597	\$7,194,835
Estimated VDOT Project Oversight	\$35,200	\$0	\$36,500	\$71,700
Estimated VDOT Project Services (Appendix C)	\$0	\$0	\$0	\$0
<b>Estimated Total Project Costs</b>	<b>\$1,148,438</b>	<b>\$0</b>	<b>\$6,118,097</b>	<b>\$7,266,535</b>

### Project Financing

Allocated Funds Type	Allocated Funds Amount	Local % Participation	Local Share Total	Max Reimbursement to Locality	Total Estimated Reimbursement to Locality
MAP21 CMAQ	\$4,199,243	0%	\$0	\$4,199,243	\$7,194,836
Carbon Reduction Program	\$3,067,293	0%	\$0	\$3,067,293	
			\$0	\$0	
			\$0	\$0	
			\$0	\$0	
			\$0	\$0	
			\$0	\$0	
			\$0	\$0	
			\$0	\$0	
			\$0	\$0	
			\$0	\$0	
<b>Funding Totals</b>	<b>\$7,266,536</b>		<b>\$0</b>	<b>\$7,266,536</b>	

*Note - The funds order is not indicative of the actual spend order of funds on the project.*  
 This Appendix A supersedes all previous versions signed by VDOT and the LOCALITY for the Project.

### Program and Project Specific Funding Requirements

Authorized Locality Official	Date	Authorized VDOT Official	Date
Chief Administrative Officer	Title of Locality Official	Title of VDOT Official	

This attachment is certified and made an official attachment to this document by the Parties to this Agreement.

**Locally Administered Federal-Aid Agreement**

**Appendix B – Special Funding Program Conditions and Requirements**

Project Number	UPC	Local Government
9999-127-180	125640	CITY OF RICHMOND

***SMART SCALE***

Administration of this Project, including but not limited to the Project estimate, schedule and commitment to funding, is subject to the requirements established in the Commonwealth Transportation Board’s (CTB’s) most current *Policy for Implementation of the SMART SCALE Project Prioritization Process*, the applicable requirements of the Code of Virginia, and VDOT’s applicable *Instructional and Informational Memoranda*.

Without limiting the foregoing, this Project has been selected through the Smart Scale (HB2) application and selection process and will remain in the Six-Year Improvement Plan (SYIP) as a funding priority unless certain conditions set forth in the CTB’s most current *Policy for Implementation of a Project Prioritization Process* arise. Pursuant to the CTB’s *Policy for Implementation of a Project Prioritization Process*, this Project will be re-scored and/or the funding decision re-evaluated if any of the following conditions apply: a change in the scope, an estimate increase, or a reduction in the locally/regionally leveraged funds. Applications may not be submitted in a subsequent SMART SCALE prioritization cycle to account for a cost increase on a previously selected Project.

This Project shall be initiated and at least a portion of the Project's programmed funds expended within one year of the budgeted year of allocation or funding may be subject to reprogramming to other projects selected through the prioritization process. In the event the Project is not advanced to the next phase of construction when requested by the CTB, the LOCALITY or the localities within the metropolitan planning organization may be required, pursuant to § 33.2-214 of the Code of Virginia, to reimburse the DEPARTMENT for all state and federal funds expended on the Project.

***Transportation Alternatives Program***

This Project shall be administered in accordance with VDOT’s most current *Transportation Alternatives Program Guide*.

Without limiting the foregoing, CTB policy for allocations from the Transportation Alternatives Programs requires that the Project must be advertised or otherwise under construction within four years of the initial Project allocation or otherwise be subject to deallocation, unless prior Department approval has been provided.

The DEPARTMENT shall conduct all environmental studies necessary to complete an environmental document in compliance with the National Environmental Policy Act, unless otherwise agreed to in writing and attached to this Agreement. The LOCALITY is responsible

for implementing any environmental commitments resulting from the environmental studies. In addition, the LOCALITY is responsible for obtaining any water quality permits and conducting any required hazardous materials due diligence efforts. VDOT's estimated cost for the environmental studies and submissions will be provided to the LOCALITY and deducted from the Project funds.

***Regional Surface Transportation Program (RSTP)***

Allocated Regional Surface Transportation Program funds must be obligated within 12 months of allocation and expended within 36 months of the obligation.

***Congestion Mitigation Air Quality (CMAQ)***

Allocated Congestion Mitigation and Air Quality Program funds must be obligated within 12 months of allocation and expended within 36 months of the obligation.

***Revenue Sharing***

This Project shall be administered in accordance with VDOT's most current *Revenue Sharing Program Guidelines*.

Without limiting the foregoing, the Project shall be initiated such that at least a portion of the Revenue Sharing Funds are expended within one year of allocation. For any project that has not been initiated within one year, the CTB has the discretion to defer consideration of future allocations until the Project moves forward. Further, if the Project has not been initiated within two fiscal years subsequent to the allocation of Revenue Sharing Funds, the Revenue Sharing Funds for the Project may be subject to deallocation from the Project at the discretion of the CTB.

***State of Good Repair (SGR) Bridge***

Project estimate, schedule, and commitment to funding are subject to the requirements established in the CTB's *State of Good Repair Program Prioritization Process Methodology*, the Code of Virginia, and VDOT's *Instructional and Informational Memoranda*.

Projects receiving funding under this program must initiate the Preliminary Engineering or the Construction Phase within 24 months of award of funding or become subject to deallocation. In the event the Project is not advanced to the next phase of construction, the LOCALITY may be required, pursuant to § 33.2-214 of the Code of Virginia, to reimburse the Department for all state and federal funds expended on the Project.

This Project has been selected through the State of Good Repair application and selection process and will remain in the SYIP as a funding priority. Pursuant to the CTB's *State of Good Repair Program Prioritization Process Methodology*, this Project will be re-scored and/or the funding decision re-evaluated if any of the following conditions apply: a change in the scope, an estimate increase, or a reduction in the locally/regionally leveraged funds. Applications may not be submitted in a subsequent annual State of Good Repair prioritization cycle for the same bridge structure to account for a cost increase on a previously selected Project.



***State of Good Repair (SGR) Paving***

Project estimate, schedule, and commitment to funding are subject to the requirements established in the CTB’s *State of Good Repair Program Prioritization Process Methodology*, the Code of Virginia, and VDOT’s *Instructional and Informational Memoranda*.

Projects receiving funding under this program must be advertised within twelve months of award funding or be subject to deallocation. In the event the Project is not advanced to the next phase of construction, the LOCALITY may be required, pursuant to § 33.2-214 of the Code of Virginia, to reimburse the Department for all state and federal funds expended on the Project.

This Project has been selected through the State of Good Repair application and selection process and will remain in the SYIP as a funding priority. Pursuant to the CTB’s State of Good Repair Program Prioritization Process Methodology, this Project will be re-scored and/or the funding decision re-evaluated if any of the following conditions apply: a change in the scope, an estimate increase, or a reduction in the locally/regionally leveraged funds. Applications may not be submitted in a subsequent annual State of Good Repair prioritization cycle for the same roadway segment to account for a cost increase on a previously selected Project.

***Economic Access***

This Project shall be administered in accordance with VDOT’s most current *Economic Development Access Program Guide*.

***Airport Access***

This Project shall be administered in accordance with VDOT’s most current *Airport Access Program Guide*.

***Recreational Access***

This Project shall be administered in accordance with VDOT’s most current *Recreational Access Program Guide*.

***Highway Safety Improvement Program (HSIP)***

Allocated Highway Safety Improvement Program (HSIP) funds must be obligated within 12 months of allocation and expended within 36 months of the obligation.

***Local Funds***

All local funds included in Appendix A have been formally committed by the LOCALITY board or council, subject to appropriation.

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**Authorized Locality Official Signature and Date**

Approved as to Form:



Assistant City Attorney



## Six-Year Improvement Program

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# Line Item Details

### Project Summary

UPC	125640
Project	RICHMOND SIGNAL SYSTEM SMART CITY TRAFFIC SIGNALCONTROLLERS
Scope of Work	Safety
Description	FROM: VARIOUS TO: VARIOUS
Report Note	
Fund Source	

### Project Location

District	Richmond	Jurisdiction	Richmond
Road System	Miscellaneous	Length	—
Route	9999	Street	
MPO Area	Richmond		

### Estimates & Schedule

	Estimated Cost (Thousands)	Schedule
Prelim. Eng. (PE)	\$1,094	N/A
Right of Way (RW)	\$0	N/A
Construction (CN)	\$5,285	N/A
<b>Total Estimate</b>	<b>\$6,379</b>	

### Required Allocations

Fund Sources	Previous Allocations	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Required After FY2030
Values in Thousands of Dollars								
Specialized State and Federal: Federal	\$0	\$1,148	\$0	\$1,333	\$291	\$295	\$0	
Specialized State and Federal: MPO CMAQ	\$0	\$0	\$0	\$1,041	\$1,059	\$1,050	\$1,050	
<b>Total Funding</b>	<b>\$0</b>	<b>\$1,148</b>	<b>\$0</b>	<b>\$2,374</b>	<b>\$1,350</b>	<b>\$1,345</b>	<b>\$1,050</b>	<b>(\$888)</b>