

INTRODUCED: January 10, 2022

AN ORDINANCE No. 2022-008

To authorize the Chief Administrative Officer, for and on behalf of the City of Richmond, to accept funds in the amount of \$67,166.39 from the Greater Richmond Transit Company, 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' Richmond Signal System Phase III (Federal) project in the Transportation Category by \$67,166.39, for the purpose of funding the connection of seven Bus Rapid Transit bus stations into the traffic signal fiber optic communication network as part of the Richmond Signal System Phase III (Federal) project.

Patron – Mayor Stoney

Approved as to form and legality
by the City Attorney

PUBLIC HEARING: JAN 24 2022 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, is authorized to accept funds in the total amount of \$67,166.39 from the Greater Richmond Transit Company for the purpose of funding the connection of seven Bus Rapid Transit bus stations into the traffic signal fiber optic communication network as part of the Richmond Signal System Phase III (Federal) project.

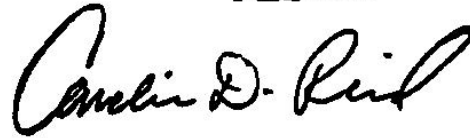
AYES: 9 NOES: 0 ABSTAIN: _____

ADOPTED: JAN 24 2022 REJECTED: _____ STRICKEN: _____

§ 2. That the funds received pursuant to section 1 of this ordinance 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 \$67,166.39, increasing the amount appropriated for expenditures by \$67,166.39 and allotting to the Department of Public Works' Richmond Signal System Phase III (Federal) project in the Transportation Category the sum of \$67,166.39 for the purpose of funding the connection of seven Bus Rapid Transit bus stations into the traffic signal fiber optic communication network as part of the Richmond Signal System Phase III (Federal) project.

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

**A TRUE COPY:
TESTE:**

A handwritten signature in black ink, appearing to read "Camille D. Reed". The signature is written in a cursive, flowing style.

City Clerk



DEPARTMENT OF PUBLIC WORKS

O&R REQUEST

DATE: December 6, 2021

EDITION: 1

TO: The Honorable Members of City Council

THROUGH: The Honorable Levar M. Stoney; Mayor

THROUGH: J.E. Lincoln Saunders; Chief Administrative Officer

THROUGH: Sheila White; Director of Finance

THROUGH: Jason May; Director of Budget & Strategic Planning

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

MES mib FROM: Bobby Vincent Jr.; Director of Public Works

RE: TO AMEND THE FY 2022 ADOPTED CAPITAL IMPROVEMENT PROGRAM BUDGET AND TO AUTHORIZE THE CHIEF ADMINISTRATIVE OFFICER TO ACCEPT AND APPROPRIATE \$67,166.39 FROM GRTC FOR THE RICHMOND SIGNAL SYSTEM (RSS) PHASE III 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 2022 and to authorize the Chief Administrative Officer, for and on behalf of the City of Richmond, to accept funds in the total amount of \$67,166.39 from GRTC and to appropriate the revenues by amending the FY2022-2026 Capital Improvement Program (CIP) Budget by \$67,166.39 for the purpose of funding the connection of seven BRT Bus Stations into the traffic signal communication network as part of the RSS Phase III .

REASON: To accept and appropriate \$67,166.39 from GRTC for the network communication connection of seven BRT Bus Station.

RECOMMENDATION: The Department of Public Works recommends approval of this ordinance.

BACKGROUND: The Department of Public Work has started the construction of the RSS Phase III, which is funded through coordination the Virginia Department of Transportation (VDOT) and the Richmond Regional Transportation Planning organization (RRTPO). This project will expand the traffic signal communication network to the eastern, northern and western areas of the City.



DEPARTMENT OF PUBLIC WORKS

As part of the project, seven BRT Stations (Staples Mills East, Staples Mills West, Shockoe Bottom East, Shockoe Bottom West, East Riverfront East, East Riverfront West, and Rocketts Landing) will be tied to the traffic signal communication network via fiber optic. This will provide reliability to the BRT communication system, and significantly reduce monthly operation cost.

Connecting the mentioned BRT Bus Stations to our traffic signal fiber optic network, the City will have the option to monitor CCTV's cameras in these stations, while improving the efficiency of the communication, established few years ago as part of the Pulse Project, between the traffic signal system and GRTC servers.

FISCAL IMPACT / COST: None. GRTC will reimburse the City in the amount of \$67,166.39 for this work.

FISCAL IMPLICATIONS: The addition of these funds will allow the Department of Public Works to fund this BRT Stations into the fiber optic network.

BUDGET AMENDMENT NECESSARY: Yes. This request amends the Adopted FY2022-26 Capital Improvement Program (CIP) and appropriates \$67,166.39 to the "RSS Phase III Project.

REVENUE TO CITY: \$67,166.39 GRTC reimbursable funds.

DESIRED EFFECTIVE DATE: Upon Adoption

REQUESTED INTRODUCTION DATE: January 10, 2022

CITY COUNCIL PUBLIC HEARING DATE: February 14, 2022

REQUESTED AGENDA: Consent Agenda

RECOMMENDED COUNCIL COMMITTEE: Planning Commission

CONSIDERATION BY OTHER GOVERNMENTAL ENTITIES: None

AFFECTED AGENCIES: Department of Public Works; Law Department; Planning and Development; Economic and Community Development; Department of Public Utilities; Finance Department; Budget and Strategic Planning;

RELATIONSHIP TO EXISTING ORD. OR RES.: Ord. No. 2021-042; Resolution No. 2014-R203-219

REQUIRED CHANGES TO WORK PROGRAM(S): None (this will help in reducing communication monthly operation cost for GRTC).



DEPARTMENT OF PUBLIC WORKS

ATTACHMENTS: GRTC Commitment letter.

STAFF: Michael B. Sayer, City Transportation Engineer, (646-3435)

Enrique Burgos, Signal Systems Engineer, (646-6337)

Dironna Moore Clarke, Office of Equitable Transit and Mobility, (646-3074)



301 East Belt Boulevard / Richmond, VA 23224 / (804) 358-GRTC (4782)

May 18, 2021

Enrique Burgos
 City of Richmond
 900 E. Broad Street
 Richmond, VA 23219

Dear Mr. Burgos,

GRTC is in support of the City of Richmond Project: Richmond Signal System Phase III - Connections to GRTC Pulse BRT Stations. GRTC understands that the City was successful in securing a contractor (DTS) and receiving authorization from VDOT to award the Richmond Signal System Phase III. The completion of this project will allow the shift of seven GRTC Pulse BRT stations (Staples Mill East, Staples Mill West, Shockoe Bottom East, Shockoe Bottom West, East Riverfront East, East Riverfront West, and Rocketts Landing) from leased communications over to the City fiber optic network, improving reliability and significantly reducing monthly operational costs for GRTC.

Per the need requested by the City for GRTC to support the project, GRTC has allocated a not to exceed amount of \$67,166.39 toward the project. The table below provides a detailed summary of the request. The GRTC will use 100% local funds to support.

Richmond Signal System Phase III Design
 Contractor Bid Tabulation Summary Sheet

Name David Leckie, P.E.

Company Digital Traffic Systems, Inc. (DTS)

Date 04/08/2021

GRTC Item #

	VDOT Item Code	VDOT Item	Description	Unit	Quantity	Unit Cost	Total Cost
1	3320	HYDRAL CEMENT CONCRETE 5 (SEWAL)	Hydral Cement Concrete Slabs 2 4" (GRTC)	SF	96	\$104.49	\$10,031.44
2	24825	NS MODIFY	Modify Existing Junction Box (GRTC)	EA	8	2,179.75	\$17,438.00
3	37309	FIBER OPTIC DROP CABLE (12 STRAND)	SMFO Drop Cable (12 Fibers) (GRTC)	LF	1,350	4.07	\$5,494.50
4	37210	UNDERGROUND SPLICE ENCLOSURE	Splice Enclosure (Underground) (GRTC)	EA	5	2,885.19	\$14,425.95
5	57851	BOROSILIC CONDUIT HDPE 2"	Directional Duct (2") (GRTC)	LF	243	44.85	\$10,898.55
6	34051	2" PVC CONDUIT	2" PVC Conduit (GRTC)	LF	255	12.59	\$3,210.45
7	56200	NS TRENCH EXCAVATION ED-1	Mod. Fee ED 1 (Outside Roadway) (GRTC)	LF	255	13.43	\$3,424.65
TOTAL							\$67,166.39

Sincerely,


 Julie E. Timm
 GRTC Chief Executive Officer