

INTRODUCED: November 13, 2017

AN ORDINANCE No. 2017-220

To authorize the Chief Administrative Officer, for and on behalf of the City of Richmond, to accept funds in the total amount of \$800,000.00 from the Virginia Department of Transportation; to amend the Fiscal Year 2017-2018 Capital Budget by establishing a new project in the Transportation category called the Downtown Traffic Signal Retiming project; and to appropriate the amount of \$800,000.00 to the Fiscal Year 2017-2018 Capital Budget by increasing estimated revenues and the amount appropriated to the new Department of Public Works' Downtown Traffic Signal Retiming project by \$800,000.00 for the purpose of retiming signalized intersections located within certain areas of downtown Richmond.

\_\_\_\_\_  
Patron – Mayor Stoney

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

PUBLIC HEARING: DEC 11 2017 AT 6 P.M.

THE CITY OF RICHMOND HEREBY ORDAINS:

§ 1. That Ordinance No. 2017-038, adopted May 15, 2017, adopting the Capital Budget for the fiscal year commencing July 1, 2017, and ending June 30, 2018, be and is hereby amended by establishing a new project in the Capital Budget called the Downtown Traffic Signal Retiming project in the Transportation category.

§ 2. That the Chief Administrative Officer, for and on behalf of the City of Richmond, is hereby authorized to accept funds in the amount of \$800,000.00 from the Virginia Department

AYES:            9            NOES:            0            ABSTAIN:            \_\_\_\_\_

ADOPTED:    DEC 11 2017    REJECTED:    \_\_\_\_\_    STRICKEN:    \_\_\_\_\_

of Transportation for the purpose of retiming signalized intersections located within certain areas of downtown Richmond.

§ 3. That the funds received are hereby appropriated to the Capital Budget for the fiscal year commencing July 1, 2017, and ending June 30, 2018, by increasing estimated revenues by \$800,000.00, increasing the amount appropriated for expenditures by \$800,000.00, and allotting to the Department of Public Works' Downtown Traffic Signal Retiming project in the Transportation category the sum of \$800,000.00, for the purpose of retiming signalized intersections located within certain areas of downtown Richmond.

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



CITY OF RICHMOND
INTRACITY CORRESPONDENCE

O & R REQUEST
4-7133
OCT 16 2017

Office of the
Chief Administrative Officer

O&R REQUEST

DATE: October 13, 2017

EDITION: 1

TO: The Honorable Members of City Council

THROUGH: The Honorable Levar M. Stoney, Mayor

[Handwritten signature]

THROUGH: Selena Cuffee-Glenn; Chief Administrative Officer

[Handwritten initials]

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

[Handwritten signature]

THROUGH: Bobby Vincent, Director of Public Works

[Handwritten initials]

THROUGH: M. S. Khara, P.E., City Engineer

[Handwritten signature]

RECEIVED

NOV 07 2017

THROUGH: Michael B. Sawyer, P.E., City Transportation Engineer

[Handwritten initials]

FROM: Enrique Burgos, P.E., Richmond Signal Systems Engineer

[Handwritten initials]

OFFICE OF CITY ATTORNEY

RE: TO AUTHORIZE THE CHIEF ADMINISTRATIVE OFFICER OR DESIGNEE TO ACCEPT FUNDS FROM THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) AND AMEND THE FY2018 CAPITAL IMPROVEMENT PROGRAM BUDGET AND TO APPROPRIATE TO THE DOWNTOWN TRAFFIC SIGNAL RETIMING PROJECT (UPC 112373).

ORD. or RES. No. \_\_\_\_\_

PURPOSE: To authorize the Chief Administrative Officer or designee, for and on behalf of the City of Richmond, to accept \$800,000 for the Downtown Traffic Signal Retiming Project from the Virginia Department of Transportation (VDOT), and to amend the FY2018 Capital Improvement Budget (Award # - New) by appropriating \$800,000 for the project. Project U000-127-017 UPC 112373.

REASON: To accept \$800,000 for the Downtown Traffic Signal Retiming Project.

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

BACKGROUND: On December 4, 2015, President Obama signed the Fixing America's Surface Transportation (FAST) Act (Pub. L. No. 114-94) into law—the first federal law in over a decade to provide long-term funding certainty for surface transportation infrastructure planning and investment. The FAST Act authorizes \$305 billion over fiscal years 2016 through 2020 for highway and motor vehicle safety, public transportation, motor carrier safety, hazardous materials safety, rail, and

research, technology, and statistics programs. The FAST Act maintains focus on safety, keeps intact the established structure of the various highway-related programs, continues efforts to streamline project delivery and, for the first time, provides a dedicated source of federal dollars for freight projects. With the enactment of the FAST Act, states and local governments are now moving forward with critical transportation projects with the confidence that they will have a federal partner over the long term.

This legislation provides also for Congestion Mitigation and Air Quality Improvement (CMAQ) Program funding which was implemented to support surface transportation projects and other related efforts that contribute air quality improvements and provide congestion relief. This program is managed by the Richmond Regional Transportation Planning Organization (RRTPO) and gives them the opportunity to recommend projects that have a positive impact on the region.

The Downtown Traffic Signal Retiming Project will allow for the retiming of signalized intersections located within the downtown area (154 signalized intersections within the limits of I-95 north-east, James River in the south, and Lombardy St in the west). Signal retiming is oriented toward optimizing a controller unit's response to the demands of roadway users, including all types of motor vehicles, bicycles and pedestrians. Signal timing strategies include the minimization of stops, delays, fuel consumption and air pollution emissions and the maximization of progressive movement through a system or corridor.

The RRTPO has recommended the State to fund this project through the CMAQ Funds which are included in the FY 18-20 Transportation Improvement Program (TIP). The total project estimate is \$800,000, funded thru FY18 federal funds which is 100% reimbursable.

**FISCAL IMPACT/COST:** None. VDOT funds 100% reimbursable.

**FISCAL IMPLICATIONS:** Not accepting these funds will result in a loss of potential revenue and paying for traffic operational improvements with city funds.

**BUDGET AMENDMENT NECESSARY:** Yes. Amend the FY2018 Capital Improvement Budget and appropriate \$800,000 for Downtown Traffic Signal Retiming Project (Award # - New).

**REVENUE TO CITY:** \$800,000 federal reimbursable funds.

**DESIRED EFFECTIVE DATE:** Upon adoption.

**REQUESTED INTRODUCTION DATE:** November 13, 2017

**CITY COUNCIL PUBLIC HEARING DATE:** December 11, 2017

**REQUESTED AGENDA:** Consent Agenda

**RECOMMENDED COUNCIL COMMITTEE:** None

**CONSIDERATION BY OTHER GOVERNMENTAL ENTITIES:** City Planning Commission

**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; Copies also sent to: City Mayor (Levar M. Stoney); Chief Administrative Officer (Selena Cuffee-Glenn); Deputy Chief Administrative Officer of Operation (Robert C. Steidel); and City Attorney (2).

**RELATIONSHIP TO EXISTING ORD. OR RES.:** None. A separate City/State project administration agreement Resolution was submitted for Council approval.

**REQUIRED CHANGES TO WORK PROGRAM(S):** Routine maintenance costs are expected in the future years after implementation is completed.

**ATTACHMENTS:** VDOT Adopted Six Year Plan

**STAFF:** Michael B. Sawyer, City Transportation Engineer, (646-3435)  
Enrique Burgos, Signal Systems Engineer, (646-6337)



Scenario List | Previous Page | Primary UPC [ ] ▶

Expand All Collapse All

Scenario Overview

Name LIVE SYIP FY19-24 Description FY19-24  
 Year 2019 Total Line Items 6860

Line Item Details

Hide Pool Details

Overview

|               |  |                   |  |
|---------------|--|-------------------|--|
| Primary UPC   | 112373 [T20011]  | Scope of Work     | Safety<br>Safety   |
| Description   | SIGNAL RETIMINGS CENTRAL BUSINESS DISTRICT<br>SIGNAL RETIMINGS CENTRAL BUSINESS DISTRICT |                   |  |
| Program Group | Programming Division<br>Programming Division   | Record Type       | project<br>project                                       |
| Project Type  | LAP Study Only<br>LAP Study Only   | Functional Class  | Other Principal Arterial<br>Other Principal Arterial     |
| Ad Date       |  | Project Status    | NO DATES SET YET<br>NO DATES SET YET                     |
| Location      |  |                   |  |
| District      | Richmond   | Jurisdiction      | Richmond   |
| From          | Various Loc<br>Various Loc   | To                | Various Loc<br>Various Loc                               |
| Road System   | Urban  | Street Name       | various<br>various                                       |
| Schedule      |  |                   | Classification   |
| PE Start      | 12/5/2017 12/5/2017  | RW Start          | CN Start <input checked="" type="checkbox"/> New Project |
| PE End        | 6/26/2019 6/26/2019  | RW End            | CN End <input checked="" type="checkbox"/> Project       |
| PE Status     | FY2018 FY2018  | RW Status N/A N/A | CN Status N/A N/A Deficit Funding                        |
| Notes         |  |                   |  |
| Report Note   | Locally Administered   |                   |  |
| Program Note  |  |                   |  |

Estimates & Expenditures

|              | Estimate         | Estimate         | Expended   | Expended   | Balance          | Balance          |
|--------------|------------------|------------------|------------|------------|------------------|------------------|
| PE x         | \$800,000 x      | \$800,000        | \$0        | \$0        | \$800,000        | \$800,000        |
| RW           | N/A              | \$0              | N/A        | \$0        | N/A              | \$0              |
| CN           | N/A              | \$0              | N/A        | \$0        | N/A              | \$0              |
| <b>Total</b> | <b>\$800,000</b> | <b>\$800,000</b> | <b>\$0</b> | <b>\$0</b> | <b>\$800,000</b> | <b>\$800,000</b> |

Allocations & Projected Funding

Show Project Splits  Manage Previous Allocations

|  | Previous         | 2019       | 2020       | 2021       | 2022       | 2023              | 2024       |
|--|------------------|------------|------------|------------|------------|-------------------|------------|
| MAP21 CMAQ: CMAQ : CF5M20<br>Richmond (CF5M20)         | \$640,000        | \$0        | \$0        | \$0        | \$0        | \$0               | \$0        |
| MAP21 CMAQ: CMAQ : CS5M21<br>Match : Richmond (CS5M21) | \$160,000        | \$0        | \$0        | \$0        | \$0        | \$0               | \$0        |
| <b>Total</b>   | <b>\$800,000</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b>        | <b>\$0</b> |
|  |                  |            |            |            |            | Total Allocations | \$800,000  |
|  |                  |            |            |            |            | Total Estimate    | \$800,000  |
|  |                  |            |            |            |            |                   | <b>\$0</b> |

Project List

| Route<br>County/City<br>Type<br>Length | Description   | Projected Cost<br>(In Thousands)  | Sync Date<br>(User)<br>Est/Exp Sync Date<br>(User)                               | Principal                           |
|--|---|-----------------------------------|--|-------------------------------------|
| 9999<br>LAP Study Only<br>0.0000       | SIGNAL RETIMINGS CENTRAL BUSINESS DISTRICT<br>UPC: 112373 | PE<br>RW<br>CN<br>TO<br>\$800,000 | 10/12/2017 2 27 53 AM<br>(Ahlin Craig)<br>10/12/2017 2 27 53 AM<br>(Ahlin Craig) | <input checked="" type="checkbox"/> |