Bike Infrastructure / Roadway Conversion Project
Fairmount Avenue Bike Lanes
Mosby Street To N 25th Street
CITY PROJECT NO. , AWARD NO.

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NOTES:
1. All work is within the existing right of way.
2. Design features relating to construction or to regulation and control of traffic may be subject to change as deemed necessary by the City of Richmond.
3. This project is to be constructed in accordance with the 2016 VDOT Road and Bridge Specifications, 2016 VDOT Road and Bridge Standards, 2015 MUTCD Manual on Uniform Traffic Control Devices (MUTCD), 2015 Virginia Supplement to the MUTCD, 2015 Virginia Work Area Protection Manual, applicable City of Richmond standards and specifications, and as amended by contract provisions and the complete electronic version of the plan package.
4. Project base mapping was obtained from the City of Richmond GIS website and was not field verified to verify accuracy. Contractor shall field verify widths prior to installation of proposed pavement markings.

LOCATION MAP

Fairmount Ave

Begin Project

Mosby St

N 19th St

N 20th St

N 21st St

N 22nd St

N 23rd St

N 24th St

N 25th St

End Project

NTS

August 2020
13. **EXISTING CONDITIONS INFORMATION**

**PROJECT BACKGROUND/BASE PLAN:** The property lines and any other existing conditions and approved plans of future utility lines, or any revisions to these plans, shall be approved by the City of Richmond project manager prior to ordering materials.

**EXISTING CONDITIONS INFORMATION**

- **Project Background/Base Plan:** The property lines and any other existing conditions and approved plans of future utility lines, or any revisions to these plans, shall be approved by the City of Richmond project manager prior to ordering materials.

- **General Notes:**
  1. **The Contractor shall be responsible for ensuring that all utilities within the project limits are identified and located before beginning work.** The Contractor shall contract Miss Utility of Virginia at 1-400-322-7000, 48 hours prior to any construction activities to mark and locate utility lines. Contractor shall not work within 10 feet of any utility line, unless specifically approved by the City of Richmond or the owner of the utility line. The Contractor shall be responsible for ensuring that all utilities are properly marked and protected during construction.
  2. **Any work performed by the Contractor shall be in accordance with the Virginia Uniform Traffic Control Devices (VIUTC).** The Virginia Uniform Traffic Control Devices (VIUTC) are the official, uniformly-applied set of signs, signals, and markings for use on the public roads of the Commonwealth of Virginia, as approved by the Virginia Department of Transportation and the Virginia Department of General Services. The Contractor shall rely on the completed VIUTC plans for the location of existing and approved plans of future utility lines.
  3. **Any departure of any utility service is the sole responsibility of the Contractor.** The Contractor shall not rely solely on electronic versions of the plans, specifications, and data files that are obtained from the designer, but shall verify location of project features in accordance with the paper copies of the plans and specifications that are supplied as part of the contract documents.
  4. **Signs and legends on project features are graphic representations and are not necessarily scaled to their actual dimensions or exact locations on the drawings.** The contractor shall test the Engineer's sense, shop drawings and field measurements of the field work for layout and installation of the project features.

**GENERAL NOTES**

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**MAINTENANCE OF TRAFFIC**

The purpose of these notes is to describe general traffic operations during construction and it is not intended to provide all necessary details related to maintenance of traffic.

1. All maintenance of traffic operations and materials shall meet the requirements of the current edition of the Virginia Work Area Protection Manual (VA WAPM), the 2002 MUTCD and any revisions to these documents at the time these plans were approved.

2. **Construction warning signs shall be placed in the advanced warning area and "End Road Work" signs shall be placed at the end of the project in accordance with the VA WAPM.** Contractor shall provide all necessary signs and sign stands or posts, which allow for an unobstructed view of the sign message for all project warning and regulatory signs during construction.

3. **Construction is allowed Monday through Saturday during the contract period.** The time restrictions or exceptions will be allowed on Sundays unless directed by the City of Richmond Transportation Engineer.

4. **Any temporary lanes closures, restrictions, or flagging operations are permitted along any project corridor between the hours of 6:00AM and 9:00AM and the hours of 3:30PM and 6:00PM Monday through Friday, or as directed by the City of Richmond Transportation Engineer.**

5. **Lane closure will not be permitted on holidays or on the day before or the day after a holiday unless otherwise directed by the City of Richmond Transportation Engineer.**

6. **Contractor shall prepare a Maintenance of Traffic Plan to the City Traffic Engineer for review and approval.** The plan shall include a minimum of two weeks in advance of the beginning of construction.

7. **Contractor shall maintain safe access to all existing driveways and maintain pedestrian access along the project corridor at all times.**

8. **Any work activities within 15 feet of the travel way shall be signed accordingly.**

9. **No temporary traffic control measures will be allowed to be placed within the right of way prior to the start of construction.**

10. **Any flags used during construction shall be state certified. Certification shall be available on site at all times.**

11. **Signing, marking, and other traffic control measures may be changed at any time during the course of the project when deemed necessary by the City Engineer.** The Contractor shall maintain safe access to all existing driveways and maintain pedestrian access along the project corridor at all times.

12. **Contractor shall provide all necessary signs and temporary traffic control devices in accordance with the VA WAPM.**

**NOTICE TO CONTRACTOR**

- **The Contractor shall be responsible for job site security and safety.** Construction activities shall be in accordance with OSHA and local requirements.

- **CITY OF RICHMOND DPW - WORK WITHIN ROW**

1. All work in the streets and sidewalks shall be performed under an approved permit and monitored by the permit inspector assigned to the project.

2. **Work shall not commence until the permit inspector has been notified of a pre-construction conference is held and Miss Utility has cleared the project.**

3. **Any disturbed sidewalk or curb within the project limits shall be repaired and replaced in accordance with the City of Richmond Standards and as shown in these plans.**

**DOCUMENT USE**

1. **These plans and corresponding CADD documents are instruments of professional service and shall not be used, in whole or in part, for any purpose other than for which it was created and it is not intended to provide all necessary details related to maintenance of traffic.**

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### SIGN SCHEDULE

<table>
<thead>
<tr>
<th>Panel Size</th>
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<tr>
<td>24&quot; x 12&quot;</td>
<td>1</td>
<td>FOUNDATION - TYPE D</td>
</tr>
</tbody>
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### NOTES:
1. ALL SIGNS SHALL BE ORIENTED AS SHOWN ON THE PLANS.
2. SIGN COLOR COMBINATIONS SHALL BE IN ACCORDANCE WITH THE VIRGINIA STANDARD HIGHWAY SIGNS BOOK AND THE MUTCD STANDARD HIGHWAY SIGNS BOOK AS NOTED IN THE PLANS.
3. ALL UTILITY STRUCTURES TO BE SINGLE POST UNLESS OTHERWISE NOTED.
CROSSWALK. PROVIDE 6" SEPARATION MINIMUM BETWEEN CROSSBIKE AND STRIPE THICKNESS AND SPACING SHALL MATCH CROSSWALK AND WHERE ADJACENT TO LADDER PAINTED CROSSWALK, CROSSBIKE (TYP.) 4'. ALL LINES TO BE THE SAME LENGTH AND PROPERLY ALIGNED.

LONGITUDINAL LINES TO BE PARALLEL TO CURBLINE.

ETC) WILL BE ACCEPTED.

APPLICATION. NO COMBINATION OF LINES (TWO 12 INCH LINES, TWENTY-FOUR INCH (24") LINES SHALL BE APPLIED IN ONE

1. PRECAST CURB AND MAY NOT REPRESENT ACTUAL FIELD DIMENSIONS. ADJUST AS NEEDED TO MATCH PAVEMENT WIDTH. ALL BIKE LANES SHALL BE 5' MINIMUM.

SECTION IS TYPICAL AND MAY NOT REPRESENT ACTUAL FIELD DIMENSIONS. ADJUST AS NEEDED TO MATCH PAVEMENT WIDTH. ALL BIKE LANES SHALL BE 5' MINIMUM.
Existing Conditions

**EXISTING PAINTING MARKINGS LEGEND**

- **Existing, 24" Solid White**
- **Existing, 24" Solid Yellow Line**
- **Existing, 24" Solid Yellow Line (Left/Thru)**
- **Existing, 24" Solid White (Left/Thru)**
- **Existing, Type B, Class II, Preformed Pavement Marking**
- **Existing, Pavement Marking Elongated Arrow, Single (Right)**
- **Existing, Pavement Marking Elongated Arrow, Single (Left/Thru)**
- **Existing, 4" Solid Yellow**
- **Existing, 24" Solid Yellow**
- **Existing, 4" Solid White**
- **Existing, 24" Solid White (Left/Thru)**

**Existing Pavement Markings**

- **N 19TH ST**
- **N 20TH ST**
- **LITTLEPAGE ST**
- **MOSBY ST**
- **FAIRMOUNT AVE**

**Warning**

- **Watch Neighborhood**
- **Speed Limit 25**
- **33**
- **Stop**
- **State**

**Existing Pavement Markings Legend**

- **Existing, 4" Solid White**
- **Existing, 4" Double Yellow Line**
- **Existing, 24" White Stopbar**
- **Existing, 24" White Crosswalk Marking**
- **Existing, Type B, Class II, Preformed Pavement Marking**
- **Existing Pavement Markings**

**Plan Overview**

- **ROADWAY CONVERSION PROJECT**
- **BIKE INFRASTRUCTURE / NORTHWEST AVENUE**
- **RICHMOND, VIRGINIA**

**Drawing Title**

- **Issued for**
- **Checked by**
- **Designed by**

**Appvd.**

- **Date**
- **Revision No.**

**PROJECT SHEET NO.**

- **99% Construction Plan**
- **August 2023**

**Site**

- **LITTLER ST**
- **MOSBY ST**
- **FAIRMOUNT AVE**
- **MOSBY ST**
- **MECHANICSVILLE TURN PK**
- **LIBRARY**
- **FRIDAY 11AM-1PM**
- **ACTIVITIES CHURCH DURING**
- **THURSDAY 11AM-1PM**
- **ACTIVITIES CHURCH DURING**
- **TUESDAY 11AM-1PM**
- **ACTIVITIES CHURCH DURING**
- **MONDAY 11AM-1PM**

**Scale**

- **20'x40'**

**Drawing Number**

- **001**
Existing Conditions

Existing Pavement Markings Legend:

- **Existing, 6' White Stripper**
- **Existing, 6' White Stopbar**
- **Existing, 6' Solid Yellow Line**
- **Existing, 6' Solid White**
- **Existing, 24" White Crosswalk Marking**
- **Existing, 24" Solid White**
- **Existing, 4" Solid Yellow**
- **Existing, 4" Solid White**
- **Existing, Type B, Class II Preformed Pavement Marking**
- **Existing, Pavement Marking Elongated Arrow, Single (Right)**
- **Existing, Pavement Marking Elongated Arrow, Single (Left/Thru)**
- **Existing, 4' Pavement Marking Elongated Arrow, Single (Left/Thru)**
- **Existing, Type C, Class II Preformed Pavement Marking**
- **Existing, 24" White Stopbar**
- **Existing Pavement Marking Elongated Arrow, Single (Left/Thru)**
- **Existing Pavement Marking Elongated Arrow, Single (Right)**
- **Existing Pavement Marking Elongated Arrow, Single (Left/Thru)**

Scale: 1" = 20'
Proposed Conditions

Bike Infrastructure / Roadway Conversion Project
Fairmount Avenue
Richmond, Virginia

804.343.7100
Richmond, VA 23219
Suite 200
115 South 15th Street

Bike Lane
BEGIN

FAIRMOUNT AVE
N 19TH ST
N 20TH ST

PROPOSED PAVEMENT MARKINGS LEGEND

1. TYPE B, CLASS II, PAVEMENT MARKING SHARROW
2. TYPE B, CLASS I, 24" SOLID WHITE
3. TYPE B, CLASS I, 4" WHITE, 2' LONG, 6' SPACE
4. TYPE B, CLASS I, 4" WHITE, 3' LONG, 9' SPACE
5. TYPE B, CLASS I, 6" SOLID WHITE HATCHING, 5' SPACING
6. TYPE B, CLASS I, 4" SOLID YELLOW

NOTE: ALL CROSSWALKS AND CORNER CLEARANCES ARE SHOWN ON PLANS FOR DISPLAY PURPOSES ONLY.
Bike Infrastructure / Roadway Conversion Project
Fairmount Avenue
Richmond, Virginia

Proposed Conditions

- Proposed Pavement Markings Legend:
  - Type A: Class I, 24" solid white
  - Type B: Class I, 4" solid white
  - Type C: Class I, 24" solid yellow
  - Type D: Class I, 4" solid yellow
  - Type E: Class I, 6" solid white
  - Type F: Class I, 4" solid white
  - Type G: Class I, 6" solid white
  - Type H: Class I, 4" solid yellow
  - Type I: Class I, 24" cross bike, 3' space
  - Type J: Class I, 4" cross bike, 3' space
  - Type K: Class I, 4" cross bike, 3' space
  - Type L: Class I, 4" cross bike, 3' space
  - Type M: Class I, 4" cross bike, 3' space

- SHOWN IN PLANS FOR DISPLAY PURPOSES ONLY.
- PART OF A SEPARATE PROJECT.
- NOTE: ALL CROSSWALKS AND CORNER CLEARANCES ARE MATCHED TO THE BELOW.

- MATCHING C - SEE BELOW
- MATCHING B - SEE BELOW
- MATCHING A - SEE BELOW

- $DGN$
- $DGNLEV$
- X34965.12

- Proposed Activities Church during Friday 11AM-1PM
- Proposed Activities Church during Thursday 11AM-1PM
- Street Cleaning Monday after 8 PM

- Richardson Avenue
- N 22ND ST
- N 23RD ST
- N 21ST ST

- Proposed Conditions

- Drawing Title
- Issued for
- Checked by
- Designed by
- Appvd. Date
- Revision No.
- PROJECT SHEET NO.

- 90% Construction Plan
- August 2023
- Richmond, VA 23219

- 804.343.7100

- 115 South 15th Street
- Suite 200
- Richmond, VA 23219
- 804.343.7100