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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.


4. PROJECT BASE MAPPING WAS OBTAINED FROM THE CITY OF RICHMOND GIS WEBSITE AND WAS NOT FIELD SURVEYED TO VERIFY ACCURACY. CONTRACTOR SHALL FIELD VERIFY WIDTHS PRIOR TO INSTALLATION OF PROPOSED PAINT MARKINGS.

LOCATION MAP

February 2020
GENERAL NOTES

1. The Contractor shall be responsible for ensuring that all utilities within the project limits are relocated and/or disconnected before beginning work. The Contractor shall meet Miss Utility of Virginia at +1-800-552-5525 48 hours prior to any construction activity that affects the location of the utilities. The Contractor shall be responsible for the location of existing and approved plans of utilities within the project limits. Any notification of utility services is the responsibility of the Contractor.

2. All work shall be in accordance with the current edition of the Manual of Uniform Traffic Control Devices (MUTCD). The Virginia Supplement to the MUTCD, and all City of Richmond special provisions, and specifications. In effect at the time these plans are approved.

3. Any pavement markings that conflict with the proposed pavement markings shall be completely removed.

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

5. Work shall remain within the existing right of way and shall conform to the City of Richmond Standards.

6. The Contractor shall notify necessary construction authorities and apply for and obtain all necessary permits and posts any signs associated with the work indicated on these plans. Contractor shall not direct or conduct any existing utilities, sidewalks, or the hydrants without obtaining the appropriate permit from the City.

7. Contractor shall dispose of demolition debris and salvage materials in accordance with applicable federal, state, and local regulations, statutes, and ordinances.

8. Areas outside the limits of the proposed work, which are disturbed by the Contractor’s activities, shall be restored back to their original condition by the contractor at the contractor’s expense.

9. This project is subject to the City of Richmond stormwater management permit (RAGS), as bend distance is less than 1000 ft.

10. The Contractor shall place time between the removal of the existing pavement markings and traffic control devices and the installation of the proposed pavement markings and traffic control devices, such that no traffic control devices shall be installed until the existing pavement markings are removed.

11. The Contractor shall not use asphalt and repair surface as necessary, aligning bike lanes where minor cracks or holes pose normal bicycle tires. Larger surface repairs or large pothole repairs, if required, shall be performed under a separate contract. Notify city engineer of surface conditions where major pavement repairs may be required.

12. Prior to completing pavement marking operations the contractor shall inspect the existing lane striping and then make sure the lane markers are complete before placing road markings. An existing lane striping will show signs of lane encroachment or in the remaining portion of the complete marking, the lane striping will be replaced in the entirety.

13. All utility poles and signal poles are to remain until the project is complete and shall be protected during construction. If pole mounted signs are to be removed or replaced with a new sign panel, same shall be taken to protect the pole during sign removal and installations.

LAYOUT AND MATERIALS

1. Dimensions are from the face of curb and to the centerline of pavement markings, unless otherwise noted.

2. Proposed bounds and any existing property line monumentation disturbed during construction shall be set or re-set by a professional licensed surveyor.

3. When necessary, existing sidewalk will be saw cut leaving a smooth squared opening for the installation of proposed sign structures. Upon completion of sign structure installation, the existing sidewalk shall be patched/paved with a minimum of 2000 psi concrete. No additional sidewalks shall be utilized in the construction process. Fixtures for repair or replacement of existing sidewalk must be a minimum of 3000 psi.

4. The vertical flexible delineators shown on these plans shall be the PECCO FG300 MODEL, UTR or equivalent if approved as equal. The proposed vertical flexible delineators shall be approved by the City of Richmond project manager prior to ordering material.

EXISTING CONDITIONS INFORMATION

1. PROJECT BACKGROUND/BASE PLAN: The property lines and any other existing conditions and features shown on the project plans are based on information provided to the City of Richmond. The City of Richmond shall not be responsible for the accuracy of the information provided to the Contractor. The City of Richmond shall not be responsible for any information, plans, or specifications of the public utilities, existing pavement markings, and sign locations provided by VHb. All work done prior to the issuance of the plans for this project will be the responsibility of the Contractor. The City of Richmond shall not be responsible for any information, plans, or specifications of the public utilities, existing pavement markings, and sign locations provided by VHb. If any conflicts or disputes arise between the Contractor and the City of Richmond regarding the plans or specifications, the Contractor shall notify the Engineer immediately if the conditions shown differ from those shown on these plans.

MAINTENANCE OF TRAFFIC

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

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

3. Construction warning signs shall be placed in the advance warning area and "End Road Work" signs shall be placed at the end of the project area 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 project traffic and regulatory signs during construction.

4. Construction is to be performed Monday through Saturday during the construction period. The time limitations or requirements shall be relaxed on Sundays unless directed by the City of Richmond.

5. Any temporary lane closures, restrictions, or flagging operations are permitted along any project generally between the hours of 7:00 AM and the hours of 6:00 PM.

6. Construction phases will be planned to minimize traffic delays as much as possible and to control the number of times traffic will be required to change lanes or divert.

7. The 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. Under no circumstances shall work be performed concurrently on both the left and right side of any travel lane.

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 changes made during construction shall be state certified. Certification shall be available on site at all times.

11. Signage, marking, and other traffic control measures may be changed or modified during the course of the project when deemed necessary by the contractor. The contractor shall be responsible for the accuracy of the general public and to ensure the safety and orderly flow of traffic.

12. Follow to provide temporary traffic control devices in accordance with the VA WAPM and shall use such devices if space permits. All traffic devices and temporary signs shall be clean, legible and in fully functional condition.

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. The pre-construction conference shall be held and Miss Utility has cleared the project.

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

DOCUMENT USE

1. These plans and corresponding CAD 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 or does not represent any previous data or plans. Any unauthorized use, reuse, modification or alteration of the automated construction of this document shall be at the user's sole risk without liability or legal exposure to VHb.

2. 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.

3. Symbols and legends of project features are provided for representation and are not necessarily located to their actual dimension or exact position on the drawings. The contractor shall verify all drawings and specifications of the drawings and specifications of the project features.
## SIGN SCHEDULE

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### SCHEDULE

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 AASHTO Standard Highway Signs Book (as noted in the plan).
3. All NPS/DOT procedures to be done prior unless otherwise noted.
Bike Infrastructure / Roadway Conversion Project
Carnation Street
Richmond, Virginia

PROPOSED PAVEMENT MARKINGS LEGEND

- TYPE B: CLASS II, 12" DASH WHITE
- TYPE B: CLASS II, 24" DASH WHITE
- TYPE B: CLASS III, 6" WHITE CENTERLINE 15" SPACING
- TYPE B: CLASS III, 4" SOLID WHITE
- TYPE B: CLASS III, 4" MIDDLE 30" CENTERLINE 30" SPACING
- TYPE B: CLASS III, 4" MIDDLE 30" CENTERLINE 30" SPACING
- TYPE B: CLASS III, 4" MIDDLE 30" CENTERLINE 30" SPACING
- TYPE B: CLASS III, 4" MIDDLE 30" CENTERLINE 30" SPACING
- TYPE B: CLASS III, 12" WHITE 3" SPACING
- TYPE B: CLASS III, 12" WHITE 3" SPACING
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