DISTRIBUT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
PLANS OF PROPOSED
P STREET SW
MULTI-MODAL SAFETY IMPROVEMENT PLANS
LENGTH OF PROJECT = 1,056 FT = 0.20 MILES

INDEX OF SHEETS
1. TITLE SHEET
2. PROJECT NOTES AND DETAILS
3. SIGN DETAILS AND SIGN SCHEDULE
4. PAVEMENT MARKING QUANTITIES
5-6. SIGNING AND PAVEMENT MARKINGS PLAN

PROJECT SITE MAP
NOT TO SCALE
GENERAL NOTES

1. All construction materials and procedures shall be in accordance with the standard specifications for highways and structures (GOLD BOOK) dated 2013, issued by the District of Columbia Department of Transportation.

2. Per American with Disabilities Act Accessibility Guidelines (ADAAG), all sidewalk cross slopes shall not exceed 2%.

3. All striping and sign work shall be in accordance with the standard specifications for highways and structures (GOLD BOOK) dated 2013 and 2009 manual on uniform traffic control, (U.S. DOT).

4. Pavement markings on asphalt pavement shall be thermoplastic type.

5. All existing pavement markings may not be shown. All existing pavement markings that conflict with proposed pavement markings shall be eradicated by a method approved by DDOT.

6. Not all driveways have been located for this striping and signage plan. The contractor shall be responsible for field verifying all driveway locations prior to beginning striping work.

7. Not all fire hydrants have been located for this striping plan. The contractor shall be responsible for field verifying fire hydrant locations and striping no parking zones for 10 feet on either side of the fire hydrants where they are located along a parking lane. See typical fire hydrant striping detail for typical fire hydrant treatment.

8. The contractor shall coordinate with the installation operations division (DDOT), signs and marking division, regarding the intensity and reflectivity of signs to be installed. The contact for this work is Ogechi Elekwachi, phone number: 202-369-7483.

9. Proposed signs shall be installed so that no portion of the sign panel overhangs adjacent roadway pavement. Proposed signs and posts shall be located a minimum of 3 feet behind face of curb. If located in an adjacent to sidewalks, a 30" minimum clear and 48" preferred passing space on existing and proposed sidewalks shall be maintained.

10. All traffic signs shall be mounted on a standard DOT Breakaway Type metal sign post.

11. Proposed signs at new locations shall be installed so they do not block the visibility of any existing signs or signals.

12. Proposed signs and posts shall be clear of existing fire hydrants, surface utility, and overhead utility equipment a minimum of 10 feet.

13. For new post installation, the contractor shall verify that there are no conflicting underground or overhead utilities.

14. Signs mounted to existing light, signal or utility poles shall be fastened with a manufactured steel banding system. Poles shall be drilled directly. The contractor shall submit manufacturer information on the banding system to DDOT for approval prior to installation.

15. Reflectivity of signs to be installed. The contact for this work is Ogechi Elekwachi, phone number: 202-369-7483.

16. For new post installation, the contractor shall verify that there are no conflicting underground or overhead utilities.

17. Signs mounted to existing light, signal or utility poles shall be fastened with a manufactured steel banding system. Poles shall be drilled directly. The contractor shall submit manufacturer information on the banding system to DDOT for approval prior to installation.

18. The contractor shall coordinate with the DDOT Field Operations Division (FOD), signs and marking division, regarding the intensity and reflectivity of signs to be installed. The contact for this work is Ogechi Elekwachi, phone number: 202-369-7483.

19. Preferred passing space on existing and proposed sidewalks shall be maintained.

20. All existing pavement markings may not be shown. All existing pavement markings that conflict with proposed pavement markings shall be eradicated by a method approved by DDOT.

CYCLE TRACK DETAIL

1. Bike lane symbols shall be spaced 250' unless otherwise dimensioned on the layout plan.

CYCLE TRACK CROSSING DETAIL

1. A 3-Coat System shall be used for the installation of the Ennis Flint Ride-A-Way Product. All manufacturer application instructions shall be followed.
**Sign Designation** | **MUTCD/DDOT** | **Sign Type** | **Use** | **Sign or Plaque Description** | **Quantity** | **Panel Dimensions (IN)** | **Panel Area** | **Total Area (SF)**
--- | --- | --- | --- | --- | --- | --- | --- | ---
R1-1 (MOD) | MUTCD | Regulatory | Motor Vehicle | Stop | 1 | 18 x 18 | 2.25 | 2.25
R1-3P(MOD) | MUTCD | Regulatory | Motor Vehicle | Bikes | 1 | 18 x 6 | 0.75 | 0.75
D11-1 | DDOT | Bike Route | Bicycle | Bike Route Guide Sign | 1 | 24 x 18 | 3.00 | 3.00
CUSTOM | DDOT | Regulatory | Bicycle | Bikes use Crosswalk | 1 | 12 x 18 | 1.50 | 1.50
D1-1a | MUTCD | Destination | Bicycle | Audi Field | 1 | 24 x 6 | 1.00 | 1.00
D1-1b | MUTCD | Destination | Bicycle | Nationals Park | 1 | 24 x 6 | 1.00 | 1.00
D1-1c | MUTCD | Destination | Bicycle | Hist. Anacostia | 1 | 24 x 6 | 1.00 | 1.00
D1-1d | MUTCD | Destination | Bicycle | SW Waterfront | 1 | 24 x 6 | 1.00 | 1.00
W11-2 | MUTCD | Warning | Motor Vehicle | Pedestrian Crossing | 3 | 30 x 30 | 6.25 | 18.75
W16-7P(L) | MUTCD | Warning | Motor Vehicle | Left Crosswalk Arrow | 3 | 24 x 12 | 2.00 | 6.00
R9-5 | MUTCD | Regulatory | Bicycle | Bicycle Use Ped Signal | 3 | 12 x 18 | 1.50 | 4.50
R10-15 MOD (L) | DDOT | Regulatory | Motor Vehicle | Turning Vehicles Stop for Bicycles | 1 | 30 x 30 | 6.25 | 6.25
R10-15 MOD (R) | DDOT | Regulatory | Motor Vehicle | Turning Vehicles Stop for Bicycles | 3 | 30 x 30 | 6.25 | 18.75

**Total:** 65.75
### PAVEMENT MARKING QUANTITIES

<table>
<thead>
<tr>
<th>DOT ITEM#</th>
<th>ITEM</th>
<th>QUANTITY</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID</td>
<td>1372</td>
<td>LF</td>
<td></td>
</tr>
<tr>
<td>4&quot; YELLOW THERMOPLASTIC PAVEMENT MARKING - SOLID</td>
<td>2242</td>
<td>LF</td>
<td></td>
</tr>
<tr>
<td>6&quot; WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID (BIKE LANE LINE)</td>
<td>1143</td>
<td>LF</td>
<td></td>
</tr>
<tr>
<td>6&quot; WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID (DIAGONAL OR CROSSWALK EDGE)</td>
<td>88</td>
<td>LF</td>
<td></td>
</tr>
<tr>
<td>6&quot; WHITE THERMOPLASTIC PAVEMENT MARKING - DASHED 2 STRIPE, 2&quot; SKIP (MINI-SKIP LINE)</td>
<td>150</td>
<td>LF</td>
<td></td>
</tr>
<tr>
<td>6&quot; YELLOW THERMOPLASTIC PAVEMENT MARKING - DASHED 3&quot; STRIPE, 8&quot; SKIP</td>
<td>607</td>
<td>LF</td>
<td></td>
</tr>
<tr>
<td>12&quot; WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID (STOP LINE OR SPEED TABLE MARKING)</td>
<td>24</td>
<td>LF</td>
<td></td>
</tr>
<tr>
<td>24&quot; WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID (CROSSWALK MARKING)</td>
<td>380</td>
<td>LF</td>
<td></td>
</tr>
<tr>
<td>WHITE THERMOPLASTIC PAVEMENT MARKINGS - ARROW LANE SYMBOLS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIKE LANE SYMBOL</td>
<td>14</td>
<td>EA</td>
<td></td>
</tr>
<tr>
<td>GREEN THERMOPLASTIC PAVEMENT MARKING</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GREEN THERMOPLASTIC PAVEMENT MARKING</td>
<td>2855</td>
<td>SF</td>
<td></td>
</tr>
</tbody>
</table>

LOCATION: 4TH ST SW TO 2ND ST SW

P STREET SW CYCLE TRACK

POLICY, PLANNING, AND SUSTAINABILITY ADMINISTRATION
BICYCLE AND PEDESTRIAN PROGRAM

D.C. DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING QUANTITIES

DATE: NOVEMBER 2019