



SWBID d. Kimley»Horn | DC

# M Street SE Non-Automotive Mobility Planning Project

**Existing Conditions Summary Briefing Document**

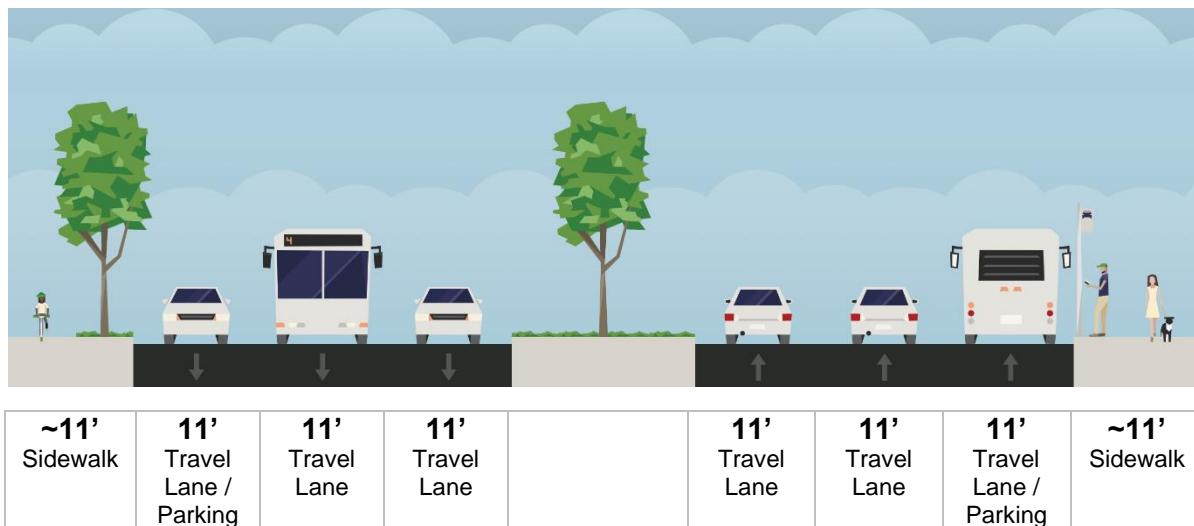
**Appendix A: SE-SW Corridor Maps**

***FINAL DRAFT – May 2021***

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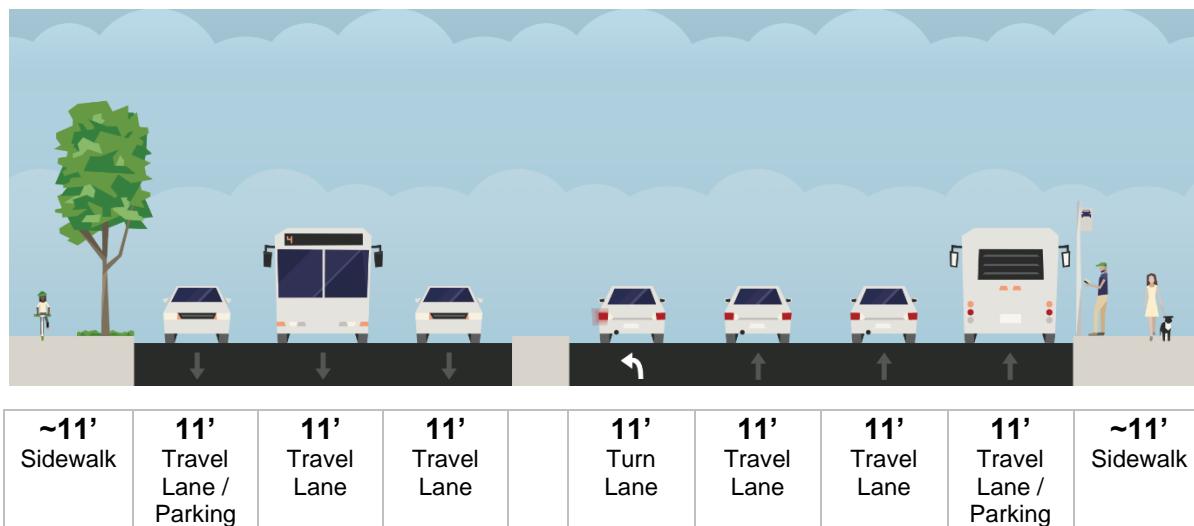
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Figure 1: M Street SW – Midblock Typical Section



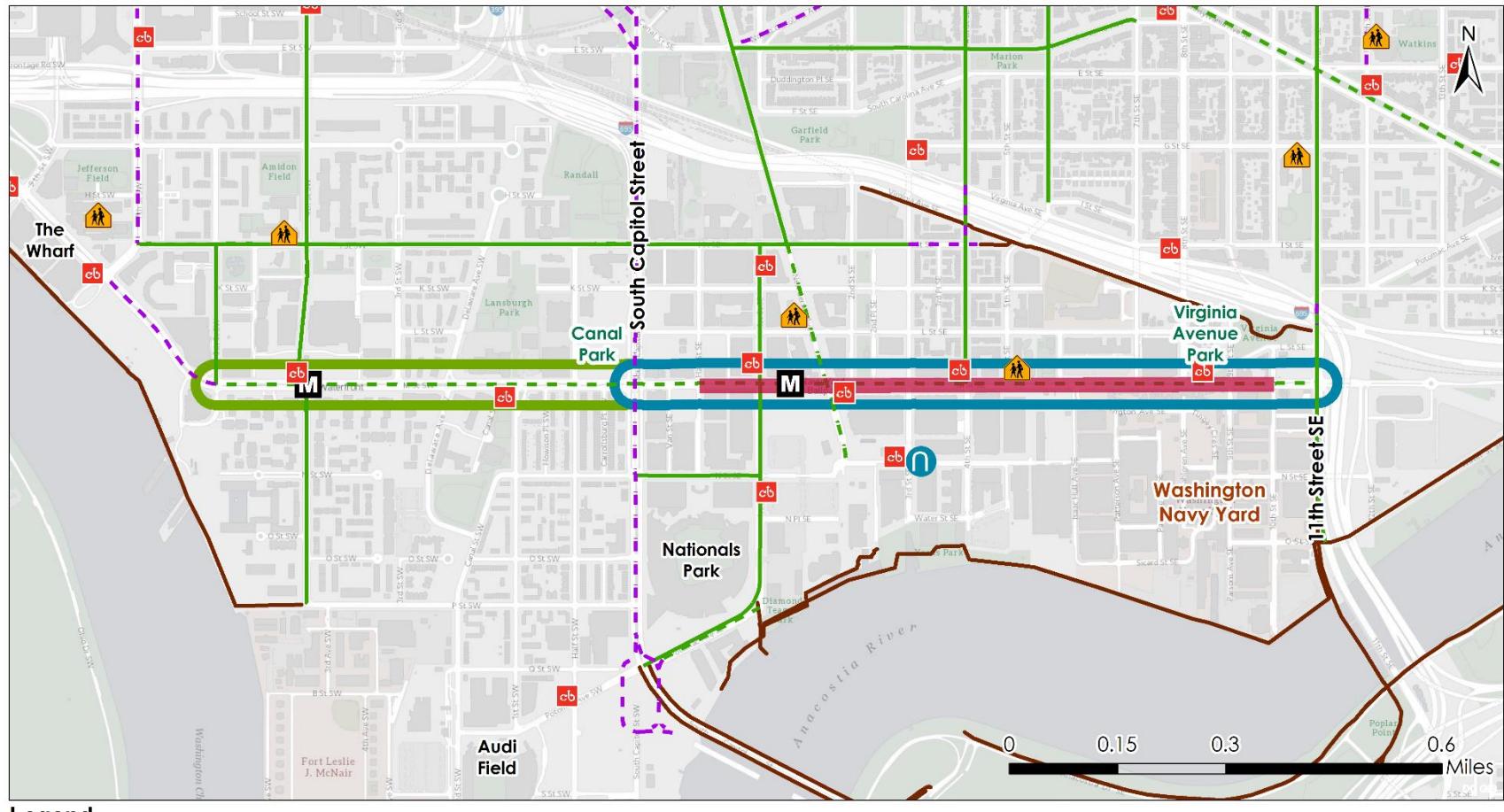
Made with Streetmix

Figure 2: M Street SW – Intersection Typical Section



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Figure 3: Bicycle and Micromobility Network

**Legend**

Project Area

Park / Open Space

Off-Street Trail

M Metrorail Station

cb Capital Bikeshare

— On-Street Bicycle Lane

■ Public School

○ Bike/Scooter Corral

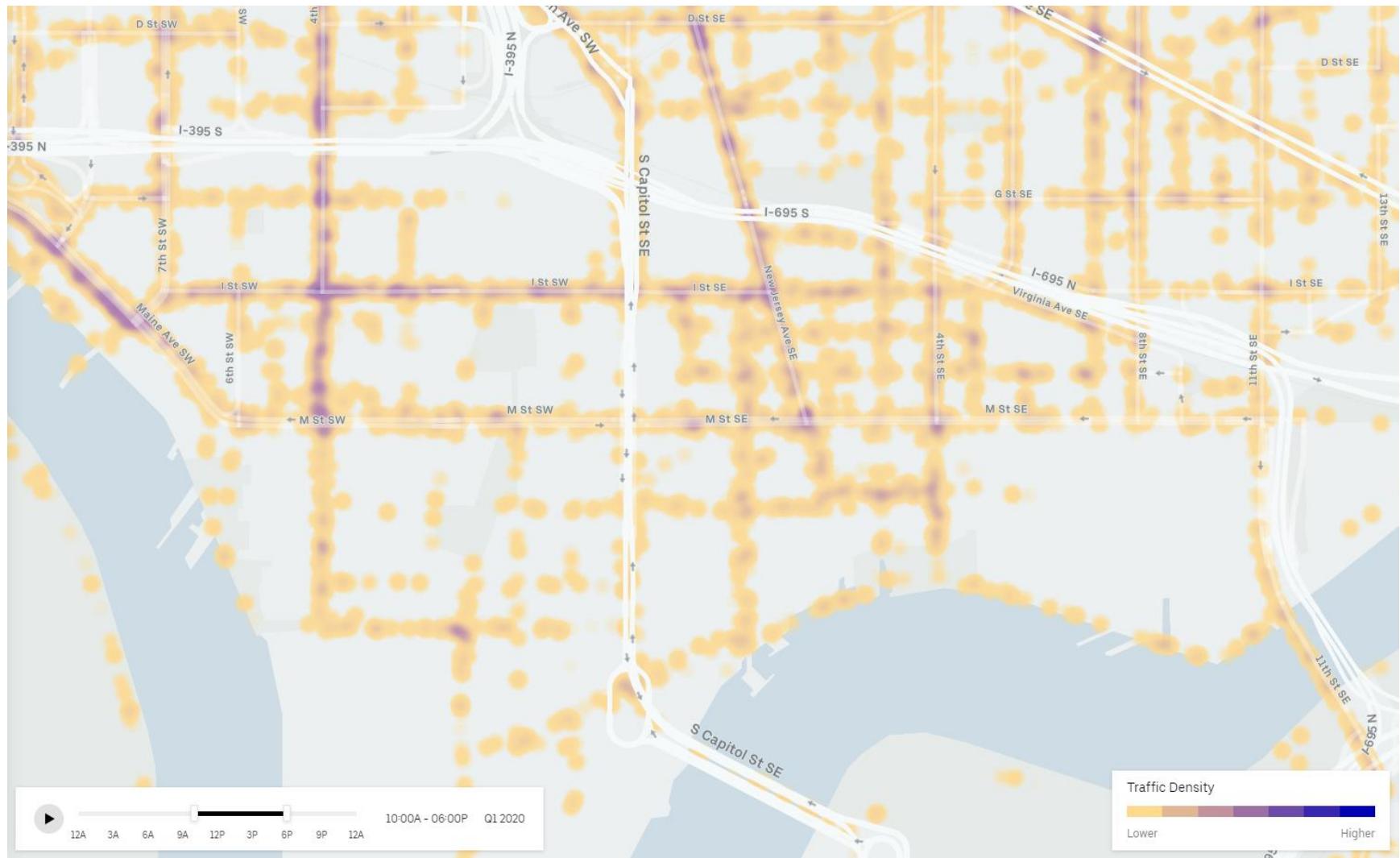
— Bus Priority Lane (Allows Bikes)

**moveDC Bicycle Priority Network**

— Funded Improvement

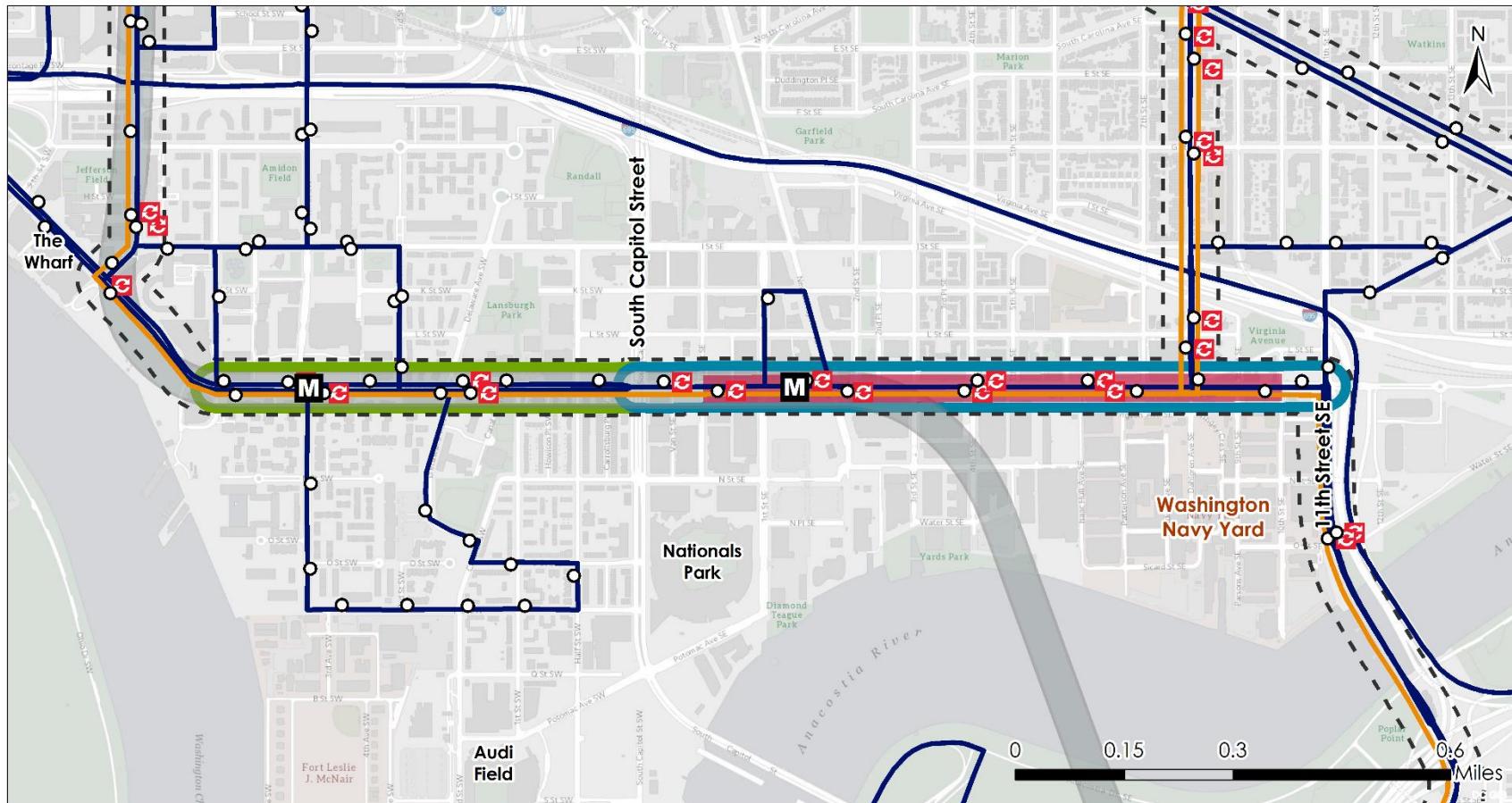
— Future Planned Improvement

Figure 4: Micromobility Activity Density



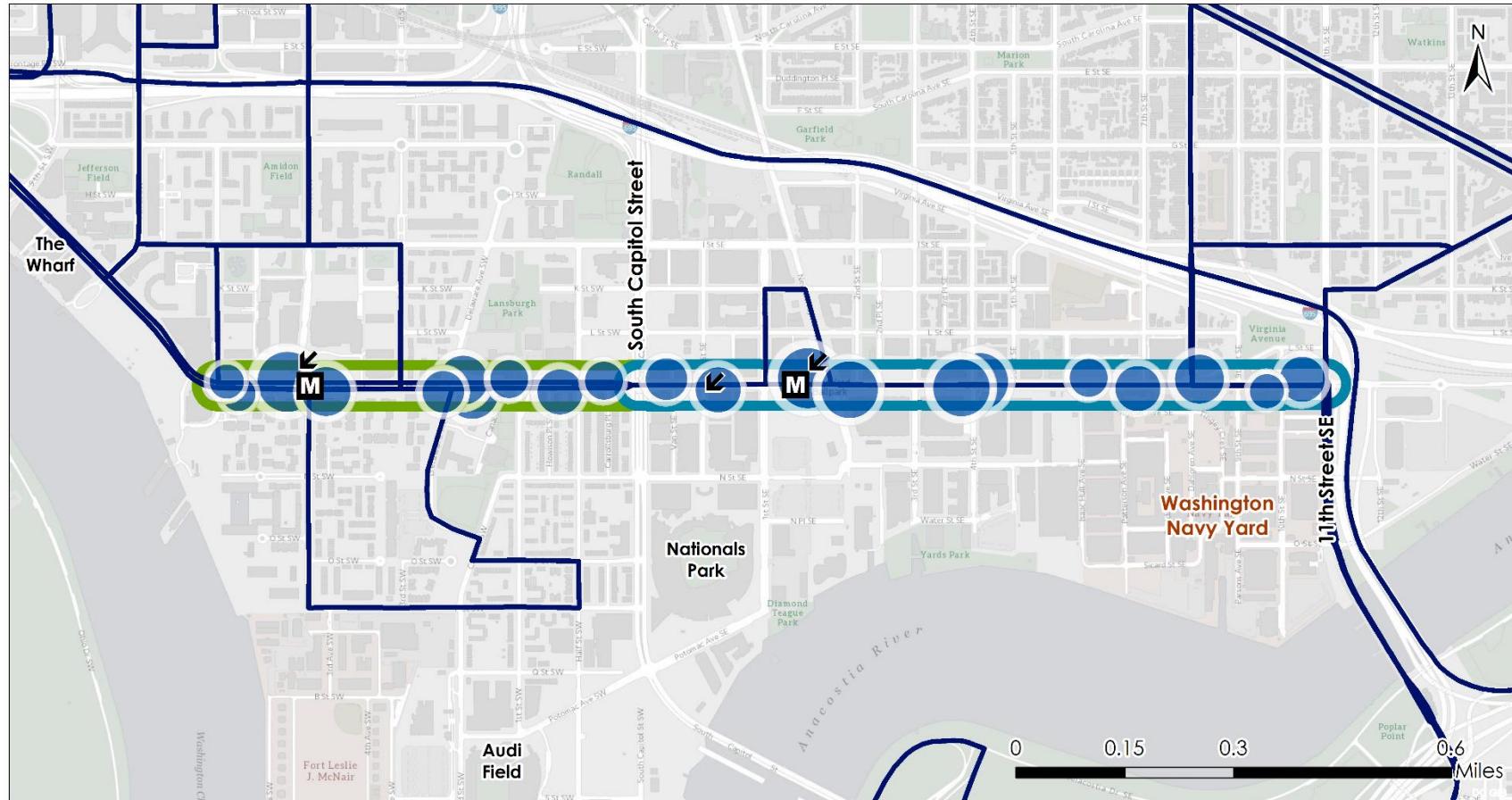
Data retrieved from Uber Movement, (c) 2021 Uber Technologies, Inc., <https://movement.uber.com>.

Figure 5: Transit Network

**Legend**

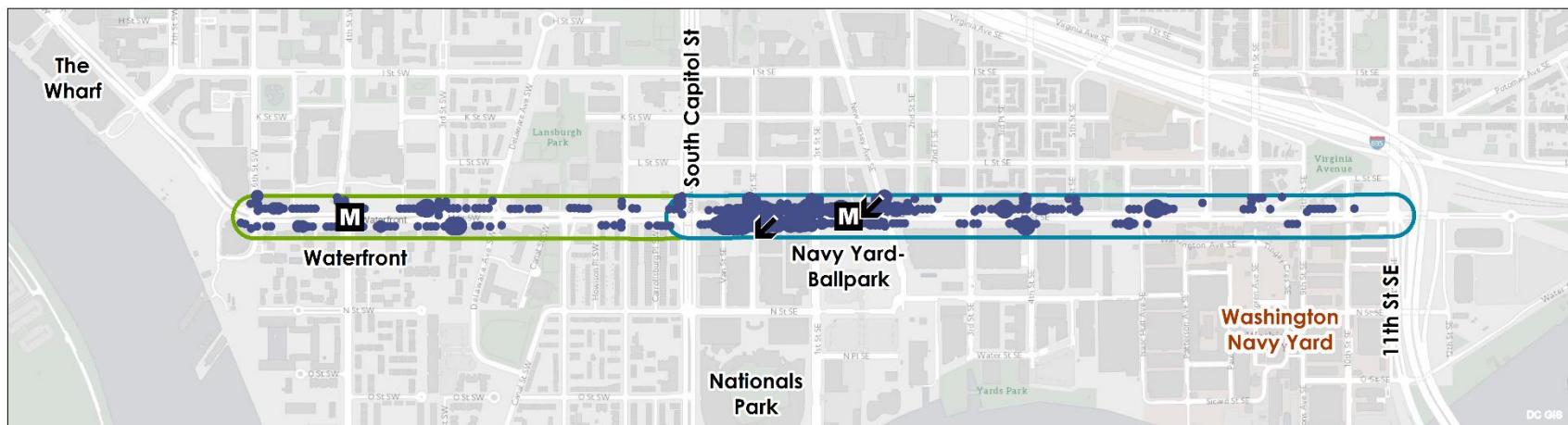
- |   |  |  |  |
|---|--|--|--|
| <span style="border: 1px solid #0072BD; width: 15px; height: 10px;"></span> Project Area      | <span style="background-color: #A9A9A9; width: 15px; height: 10px;"></span> Metrail Green Line | <span style="border: 1px solid black; width: 15px; height: 10px;"></span> Metrorail Station                    | <b>moveDC Transit Priority Network</b> |
| <span style="border: 1px solid black; width: 15px; height: 10px;"></span> Metrobus Route      | <span style="border: 1px solid black; width: 15px; height: 10px;"></span> Metrobus Stop        | <span style="background-color: #E63373; width: 15px; height: 10px;"></span> Existing Transit Priority Corridor |  |
| <span style="border: 1px solid black; width: 15px; height: 10px;"></span> DC Circulator Route | <span style="border: 1px solid black; width: 15px; height: 10px;"></span> DC Circulator Stop   | <span style="border: 1px dashed black; width: 15px; height: 10px;"></span> Transit Priority Network            |  |

Figure 6: Transit Activity (Boardings and Alightings)

**Legend**

- Project Area
- M Metrorail Station
- Bus Route
- ◀ Station Entry
- Less than 100
- 100 to 400
- Greater than 400

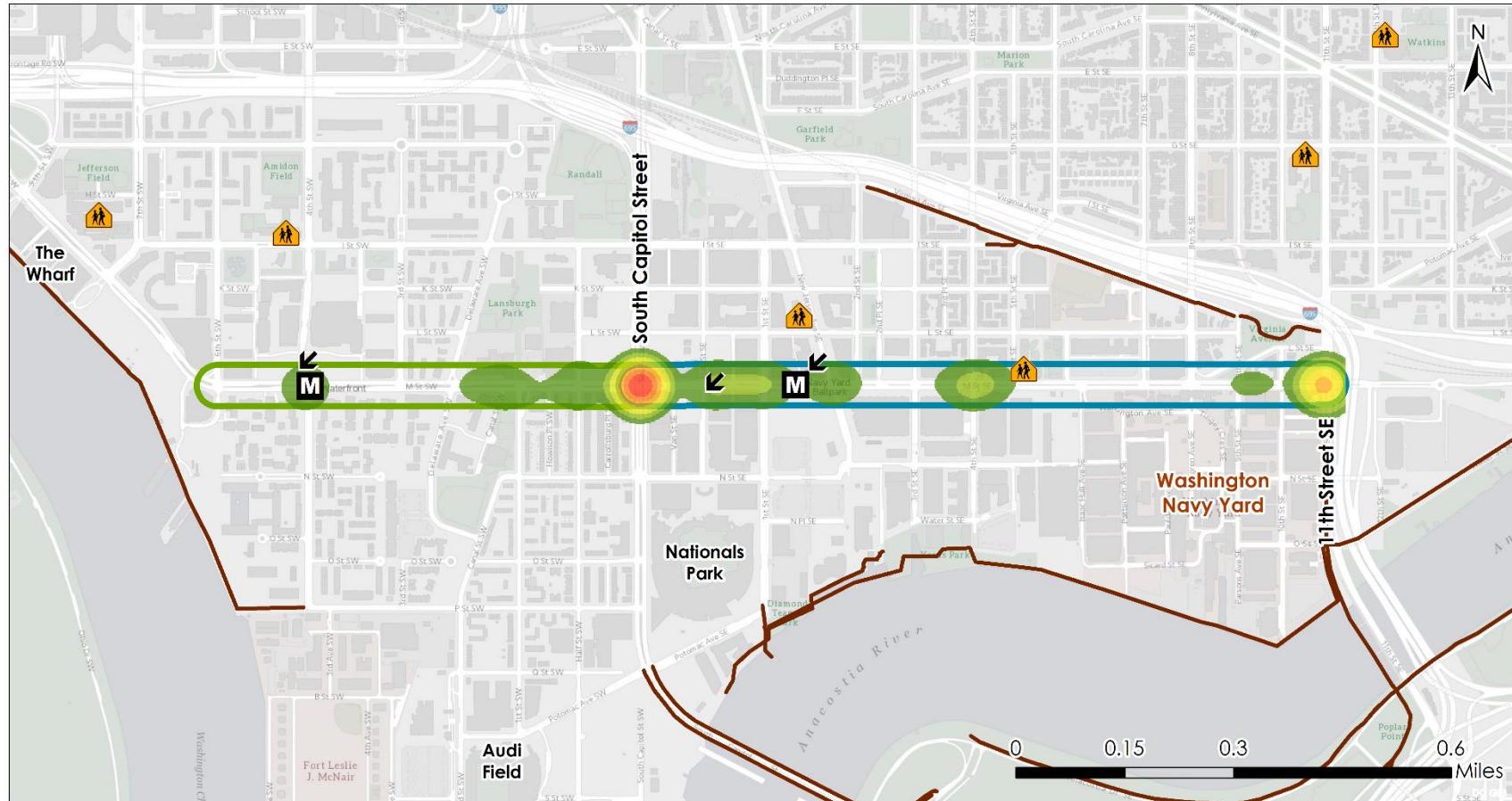
Figure 7: Ridehail Activity

**Legend**

- Project Area
- M Metrorail Station
- Ridehail Pick-Up
- ◀ Station Entry
- Ridehail Drop-Off

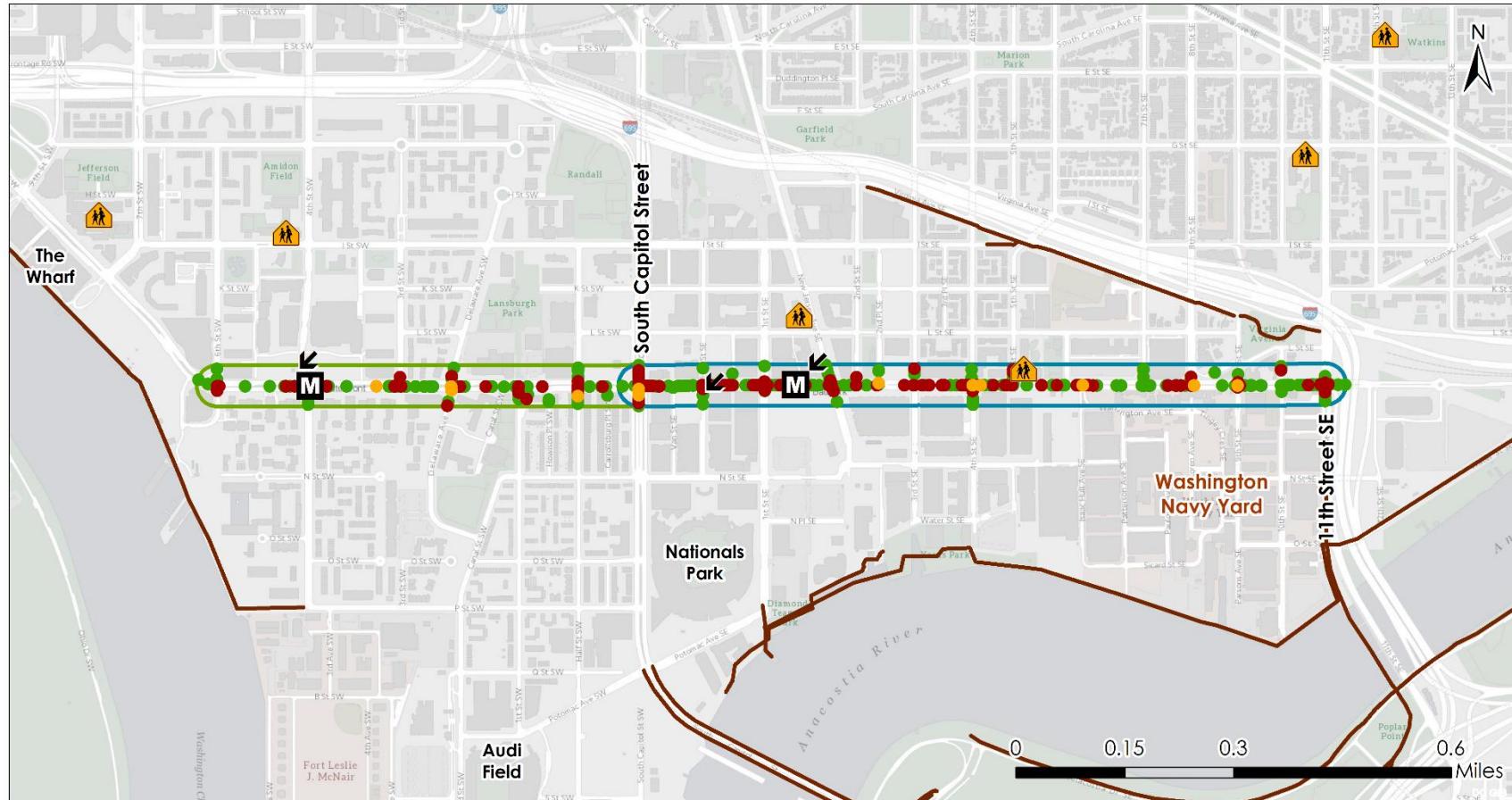


Figure 8: Crash Density

**Legend**

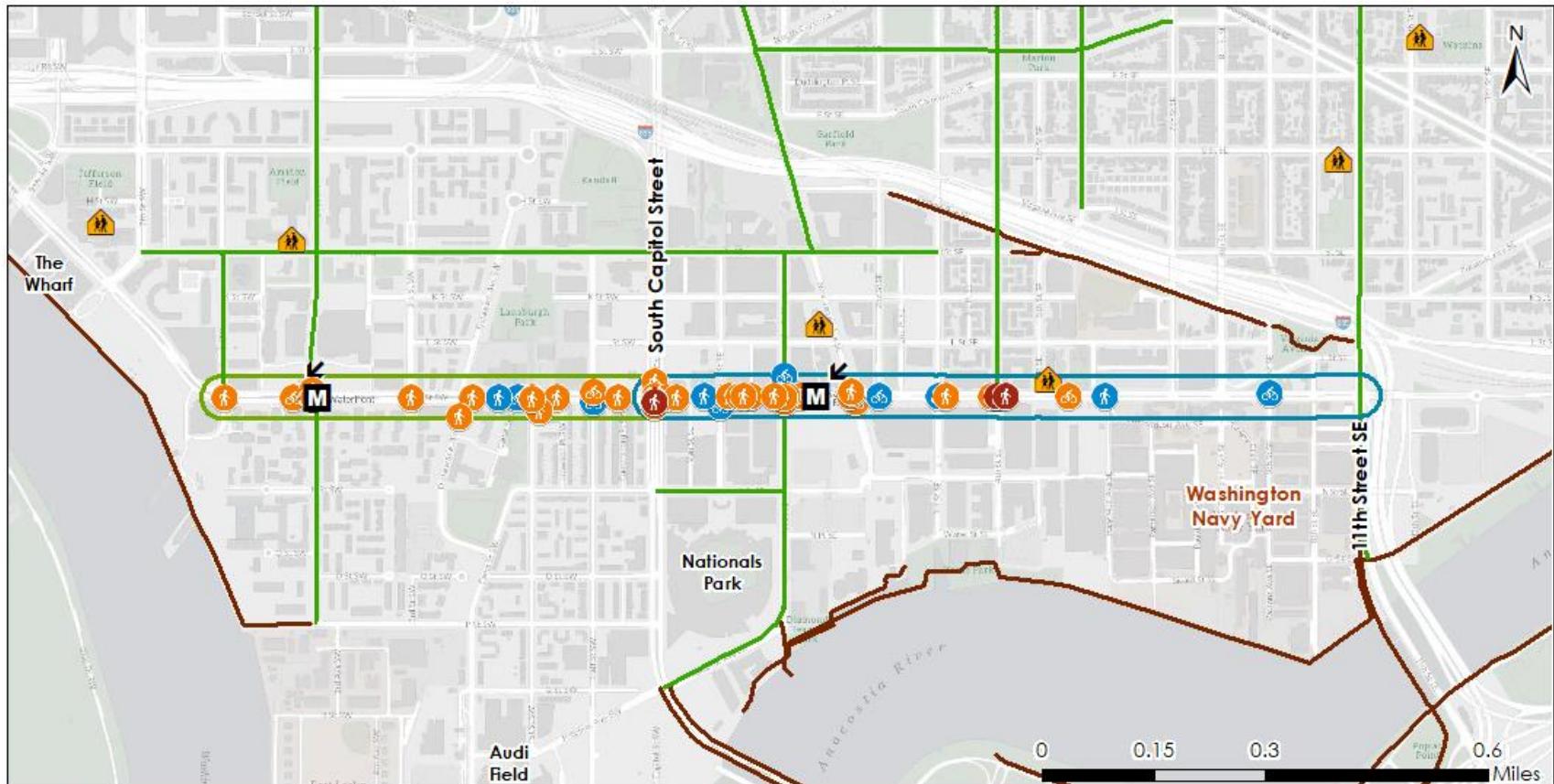
- |  |   |   |   |  |  |
|--|---|---|---|--|--|
| <span style="background-color: #0072BC; border: 1px solid black; padding: 2px 5px;"></span> Project Area | <span style="font-size: 1.5em;">M</span> Metrorail Station            | <span style="background-color: #80C080; border: 1px solid black; padding: 2px 5px;"></span> Park / Open Space | <span style="background-color: #008000; border: 1px solid black; padding: 2px 5px;"></span> Lower Density | <span style="background-color: #FFFF00; border: 1px solid black; padding: 2px 5px;"></span> Medium | <span style="background-color: #FF8C00; border: 1px solid black; padding: 2px 5px;"></span> Higher Density |
| <span style="color: orange; font-weight: bold;">◀</span> Public School                                   | <span style="color: black; font-weight: bold;">◀</span> Station Entry |   | <span style="border: 1px solid black; padding: 2px 5px;">Off-Street Trail</span>                          |  |  |

Figure 9: Crash Severity

**Legend**

- |  |  |   |   |
|--|--|---|---|
| <span style="background-color: #0072BD; border: 1px solid black; padding: 2px 5px;"></span> Project Area | <span style="font-size: 1.5em;">M</span> Metrorail Station | <span style="background-color: #6AA84F; border: 1px solid black; padding: 2px 5px;"></span> Park / Open Space | <span style="color: #6AA84F; font-size: 1.5em;">●</span> Property Damage Only |
| <span style="color: #FFA500; font-size: 1.5em;">█</span> Public School                                   | <span style="font-size: 1.5em;">◀</span> Station Entry     | <span style="color: #0072BD; border: 1px solid black; padding: 2px 5px;"></span> Off-Street Trail             | <span style="color: #E6194B; font-size: 1.5em;">●</span> Minor Injury         |
|  |  |   | <span style="color: #E6194B; font-size: 1.5em;">●</span> Major Injury         |

Figure 10: Pedestrian and Bicycle Crashes

**Legend**

- |  |  |   |   |  |
|--|--|---|---|--|
| <span style="background-color: #0072BD; border: 1px solid black; padding: 2px 5px;"></span> Project Area | <span style="font-size: 1.5em;">M</span> Metrorail Station             | <span style="background-color: #669933; border: 1px solid black; padding: 2px 5px;"></span> Park / Open Space | <span style="color: #C85A00; font-size: 1.5em;">●</span> Pedestrian Crash (Major)       | <span style="color: #0072BD; font-size: 1.5em;">●</span> Cyclist Crash (Minor)       |
| <span style="color: #FF9900; font-size: 1.5em;">●</span> Public School                                   | <span style="color: #0072BD; font-size: 1.5em;">◀</span> Station Entry | <span style="color: #0072BD; border: 1px solid black; padding: 2px 5px;"></span> Bicycle Lane                 | <span style="color: #C85A00; font-size: 1.5em;">●</span> Pedestrian Crash (Minor)       | <span style="color: #0072BD; font-size: 1.5em;">●</span> Cyclist Crash (Unspecified) |
|  |  | <span style="color: #0072BD; border: 1px solid black; padding: 2px 5px;"></span> Off-Street Trail             | <span style="color: #C85A00; font-size: 1.5em;">●</span> Pedestrian Crash (Unspecified) |  |