

NEAR MISS REPORT IN ARLINGTON COUNTY

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August 2024



Arlington County Near Miss Report Summary

This Near Miss / Dangerous Location (NM) report is Northern Virginia Families for Safe Streets (NoVA FSS) first summary of the NM data collected that we are publishing and sending to the local jurisdictional traffic and police authorities, relevant policymakers and the public at large.

The purpose of the summary NM report is to identify and analyze intersections or locations on Arlington's roads where people in the community feel unsafe when walking or biking. We are sharing this crowdsourced data with APD, DES, Arlington County Board officials plus Arl FSS members and the public at large. This report focuses primarily on the NM incidents collected in Arlington County since January 2023. Selected locations may have only one or two NM reports, but we decided to publish these reports because of the illuminating insight provided by that submission.

We welcome suggestions on how our NM summary report can be improved. We recognize that one of NoVA FSS's challenge is to collect more NM submissions along the high pedestrian / bike crash corridors in Arlington and which is often where pockets of the underserved community live and work. We hope to raise awareness of the NM survey in the communities located along these high crash corridors and welcome ideas & volunteers to help us achieve such a goal.

Mike Doyle



Arlington County Near Miss Report Summary

Key Data Points:

- Total NM Reports: 379 from 2019 to June 2024
- Number of Streets Involved: Over 100
- Focus of Data Coverage: January 1, 2023, to June 24, 2024

Streets with the most NM reports:

- North Quincy Street: 42 reports
- Fairfax Drive: 26 reports
- South Arlington Mill Drive: 17 reports
- Langston Boulevard: 15 reports
- Wilson Boulevard: 15 reports
- Columbia Pike Area: 12 reports



Arlington County Near Miss Report Summary

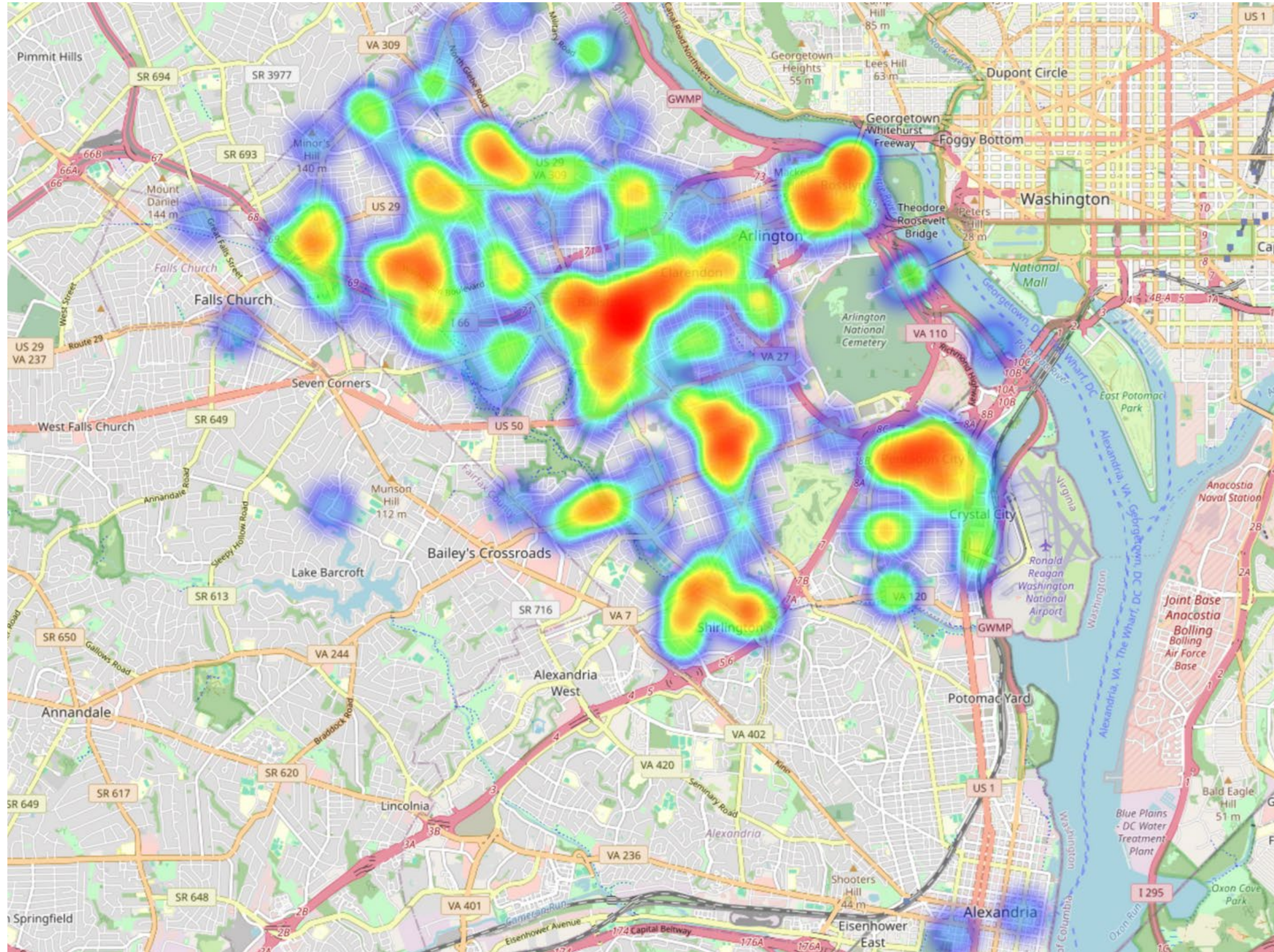
Report Outline

- Heat Map
- Arlington North (N & S Glebe / Langston Blvd Area)
- Columbia Pike Area
- Ballston & Surrounding Area
- Crystal City – Pentagon Area
- Washington Boulevard & Surrounding Area
- Rosslyn Region
- Shirlington – Fairlington Area



Arlington County Near Miss Report Summary

Heat Map of Near Miss Reports



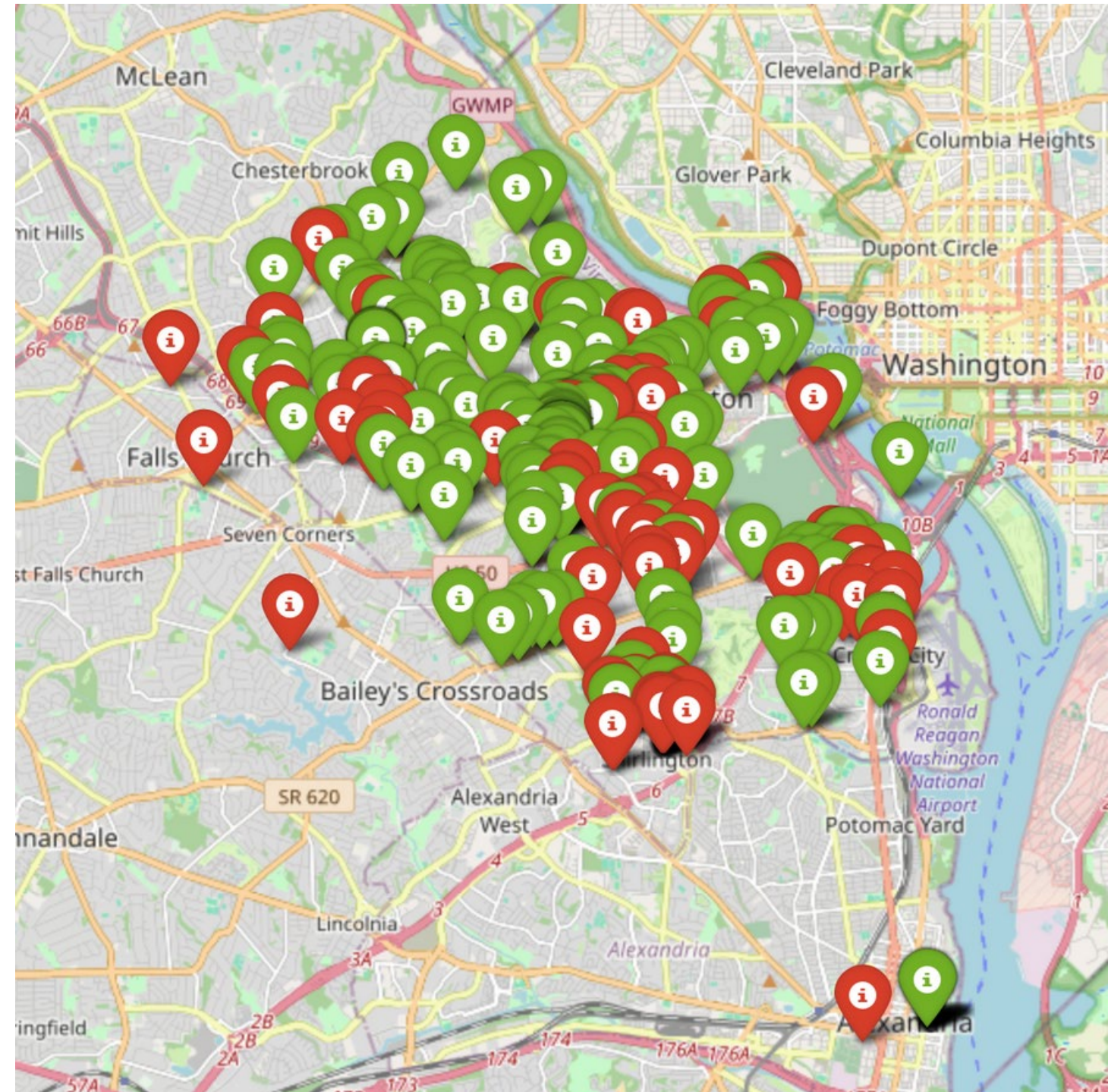
Focusing on Recent Data Post-2023

This analysis of near-miss incidents in Arlington County, **with an emphasis on the data collected after January 2023.**

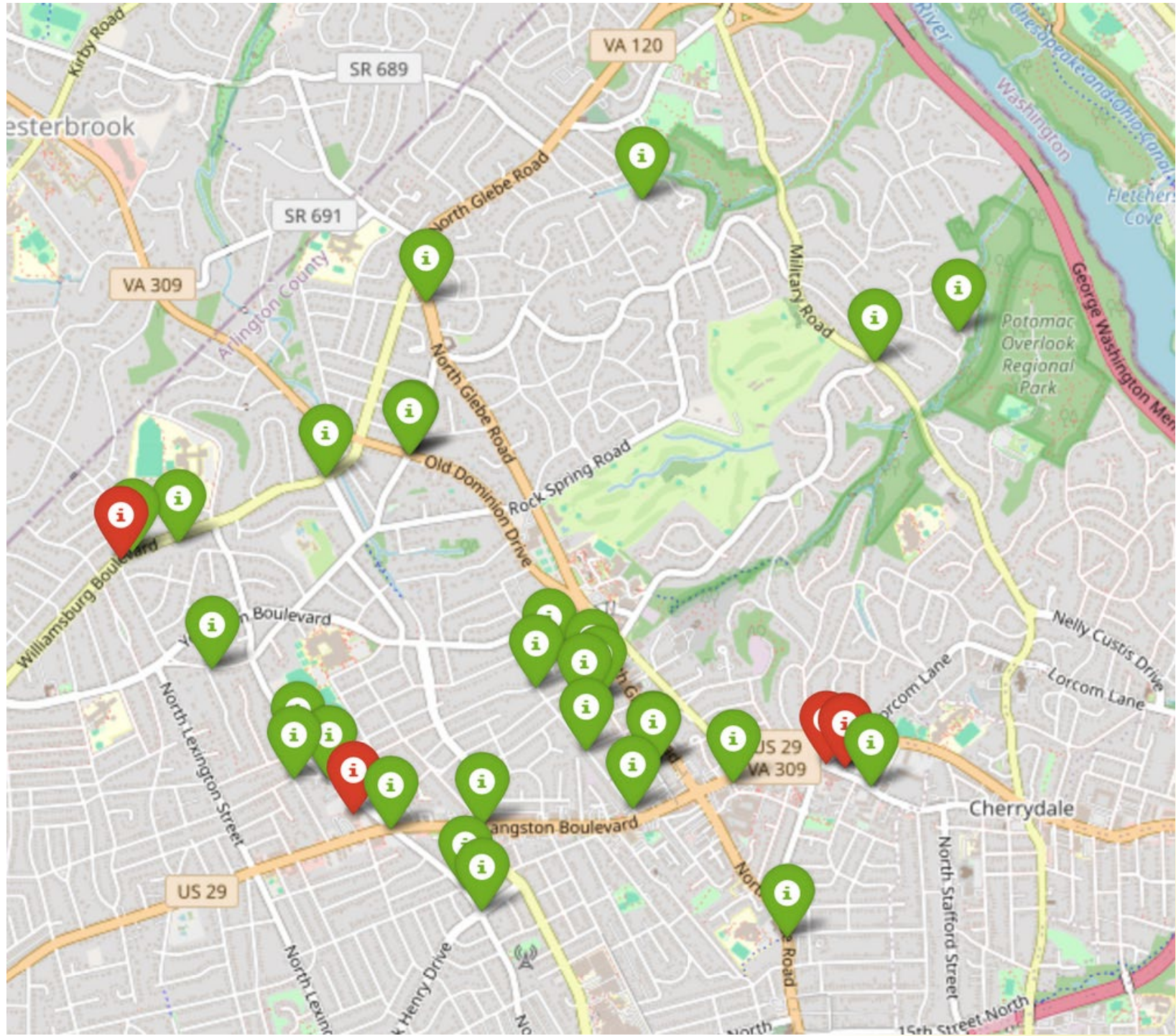
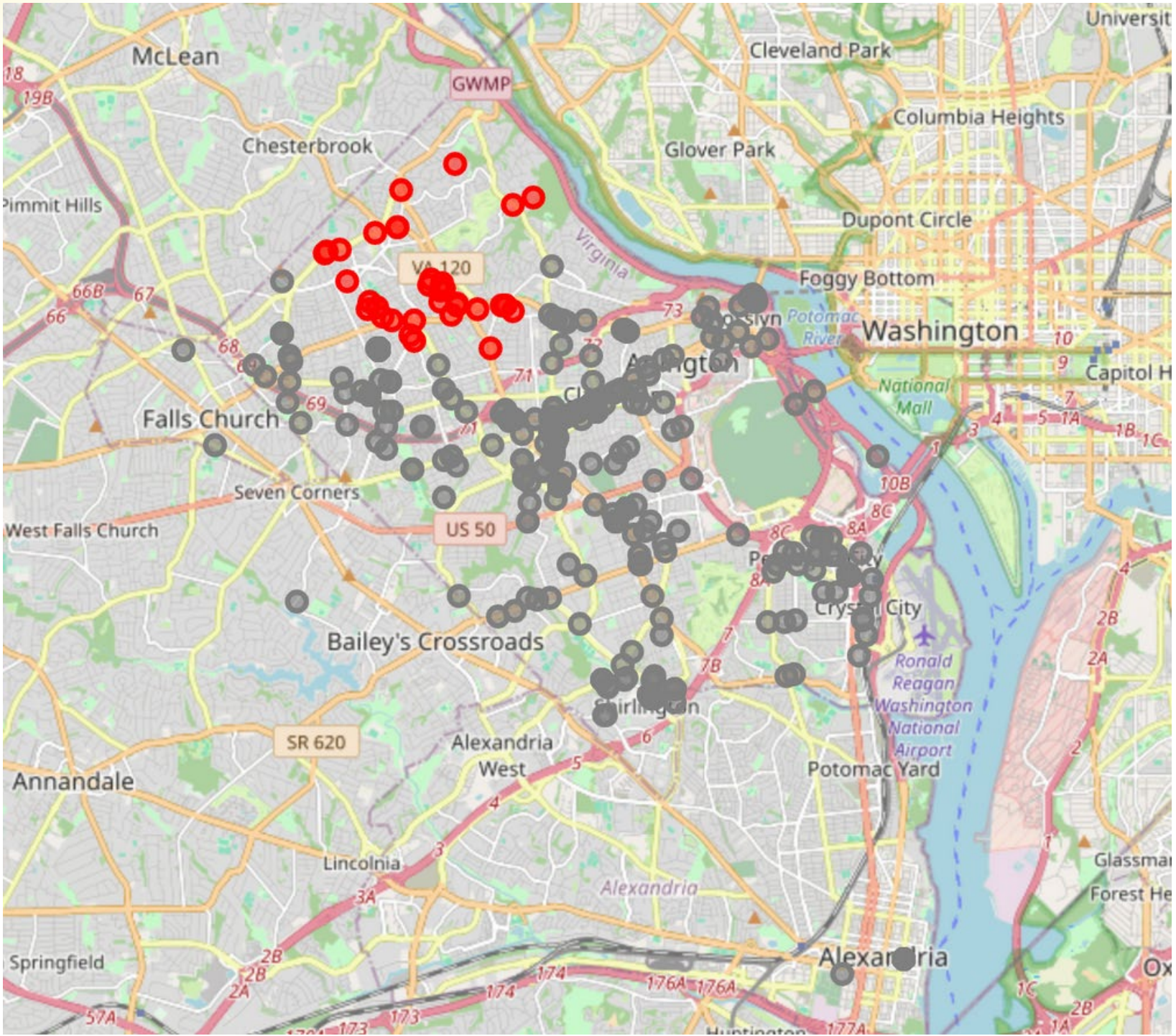
This recent data provides insights into current trends and emerging hotspots of traffic-related incidents.

Data Segmentation:

- Reports before Jan 2023: 269 incidents
- Reports after Jan 2023: 110 incidents
- Red markers: Represent incidents reported after Jan 2023
- Green markers: Represent incidents reported before Jan 2023



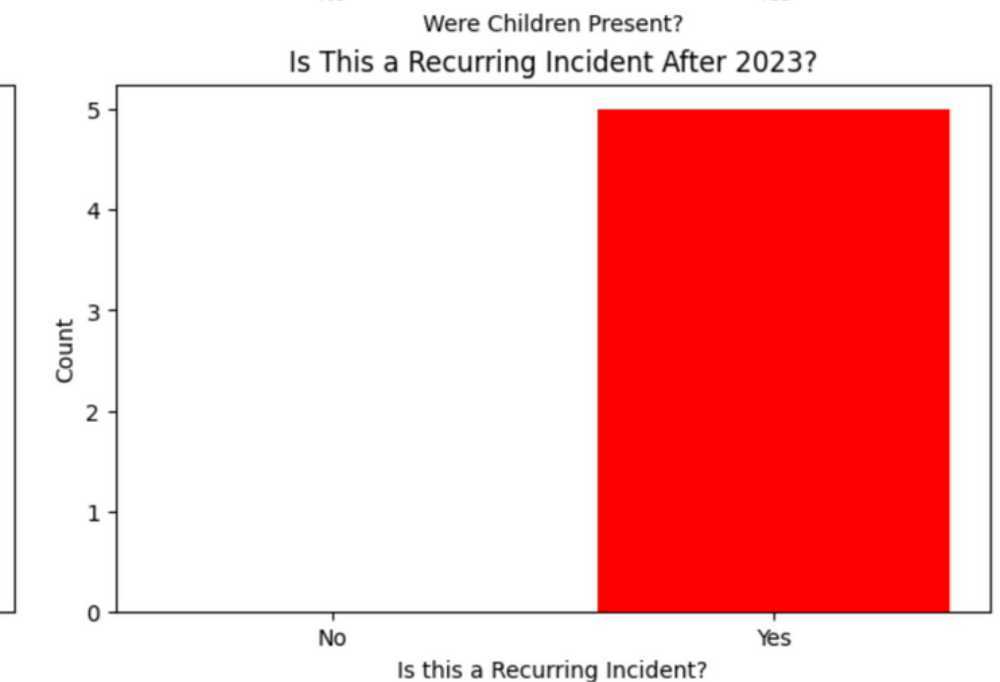
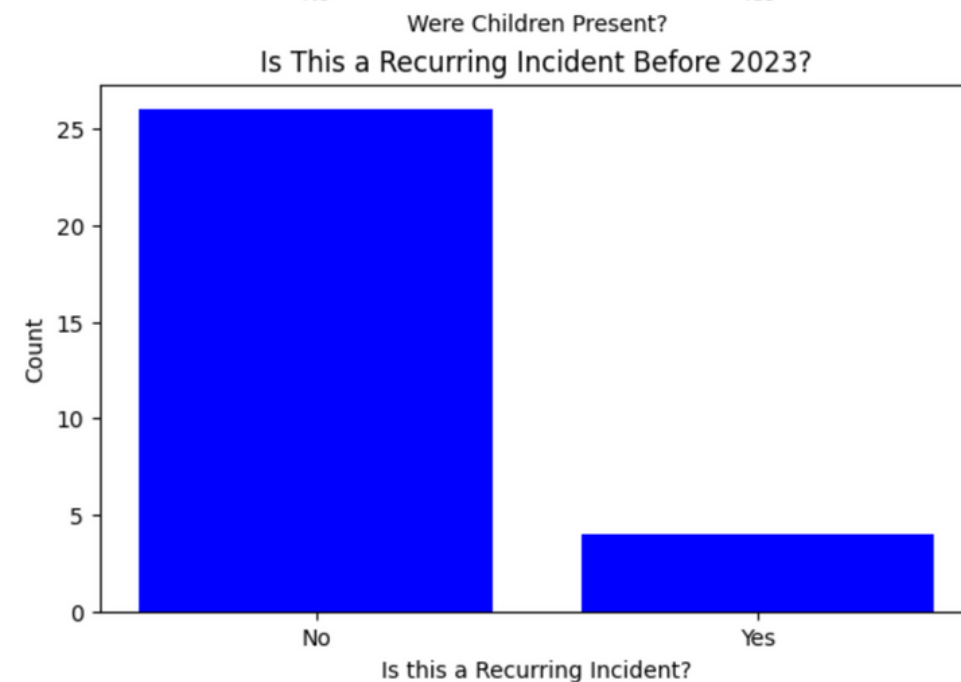
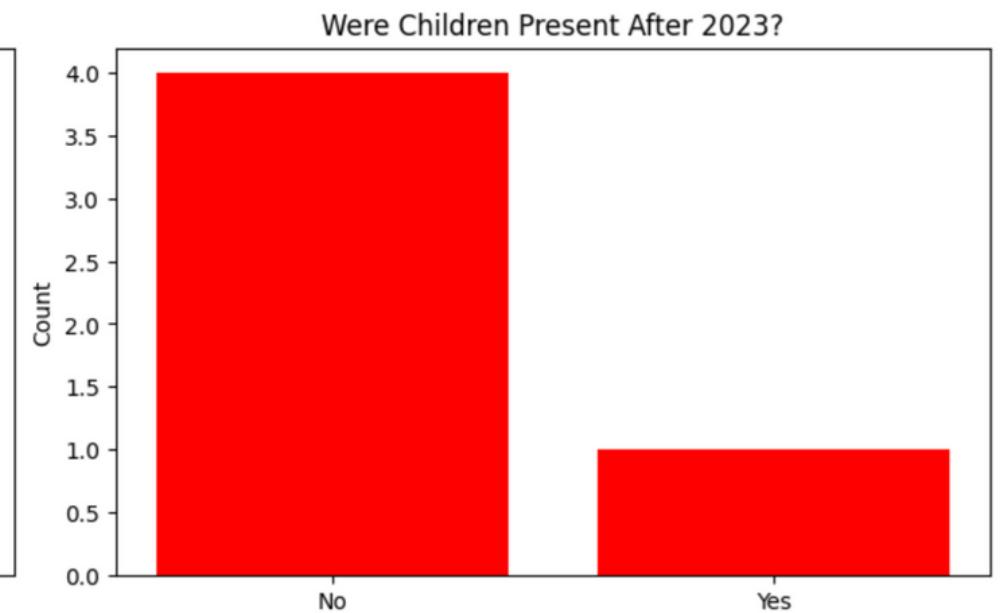
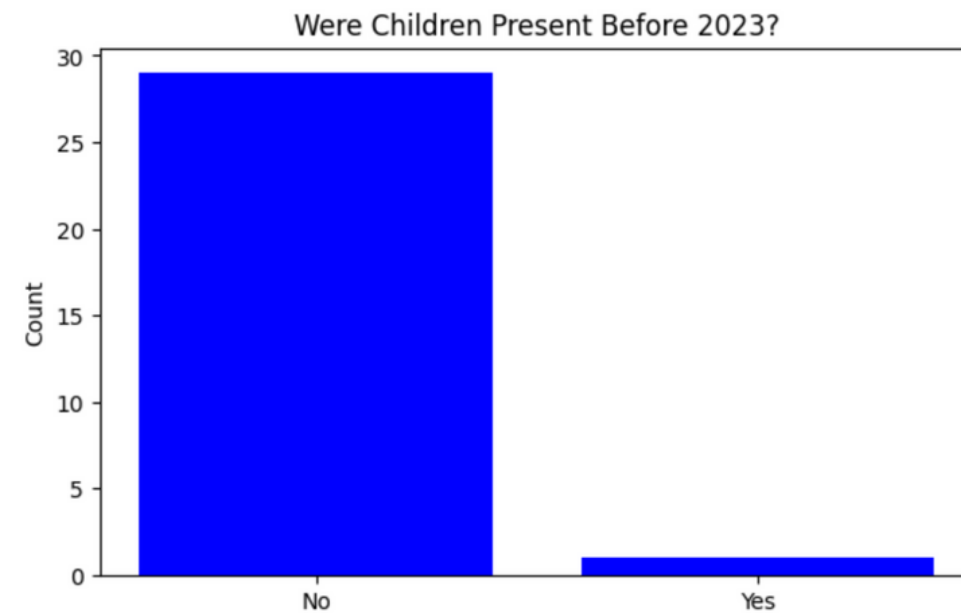
N. Glebe / S. Glebe / Langston Blvd Area



Trends in Child Presence and then if the incident is a Recurring Near Miss

This slide features two sets of bar graphs comparing the presence of children and the recurrence of incidents in near-miss reports, segmented into periods before and after January 2023.

- **Children's Involvement:** The data suggests a consistent trend of low child involvement in near-miss incidents, though post January 2023 shows a minor increase.
- **Incident Recurrence:** The overall trend indicates an increase in recurring incidents



Williamsburg Boulevard Area

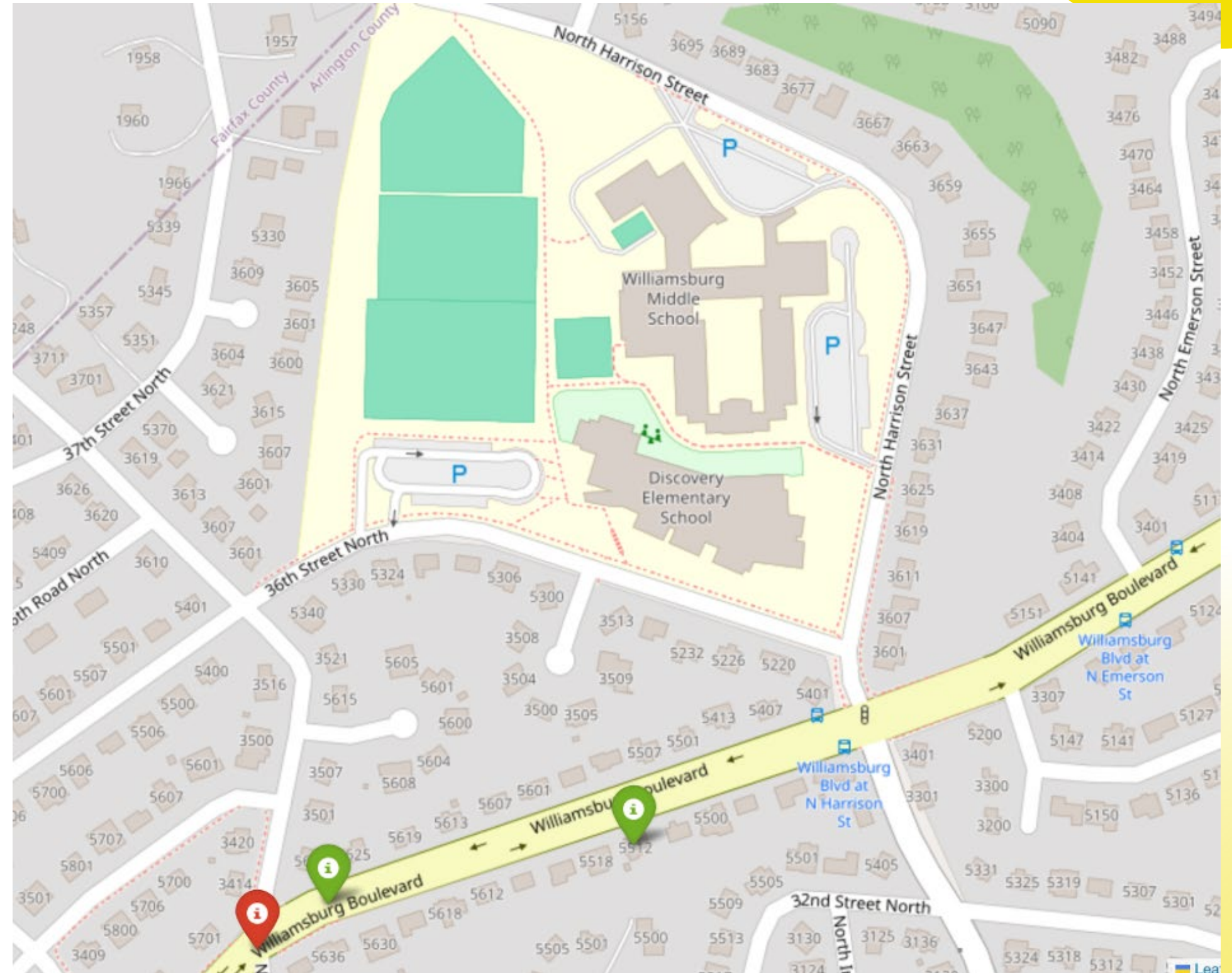
A total of 3 near-miss reports have been documented at this intersection and nearby streets.

- Incident Type: Near Miss
- Were Children Present: Yes
- Is this a Recurring Incident: Yes

Incident Description:

- **Failure to Yield:** Drivers often fail to yield to pedestrians, particularly in crosswalks, which poses a significant safety risk.

Insight: An enforcement issue but it could also be a road design issue



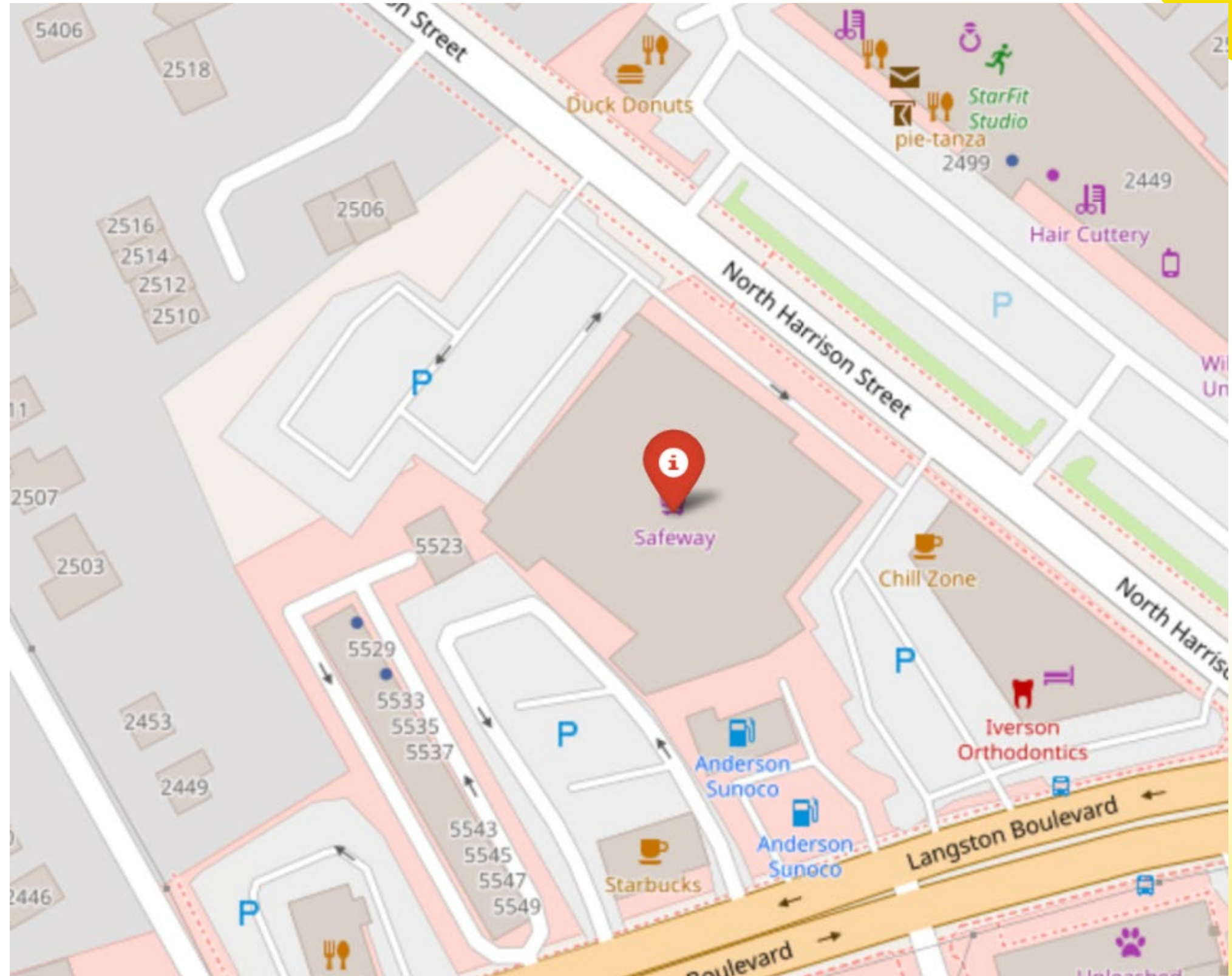
North Harrison Street

1 near-miss report has been documented at this intersection and nearby streets.

- Incident Type: Near Miss
- Were Children Present: No
- Is this a Recurring Incident: Yes

Incident Description:

- **Failure to Yield:** Drivers often fail to yield to pedestrians, particularly in crosswalks, which poses a significant safety risk.



Intersection of Lorcom Lane and Cherry Hill Road

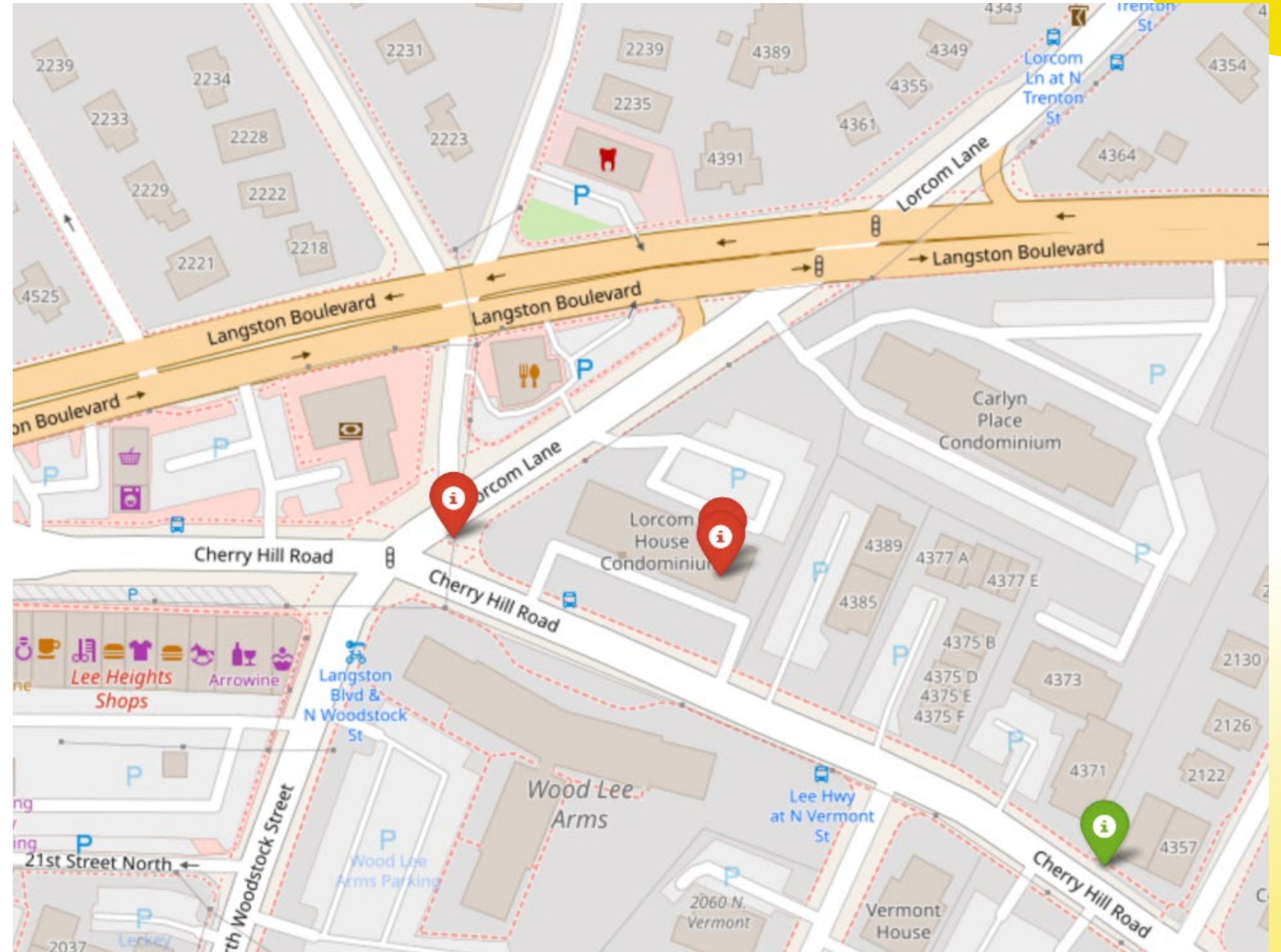
A total of 4 near-miss reports have been documented at this intersection and nearby streets.

- Incident Type: Near Miss
- Were Children Present: No
- Are these Recurring Incidents: Yes

Incident Description:

- **Running Stop Signs and Speeding:** Frequent instances of drivers running stop signs and speeding were reported in this area.
- **Failure to Yield:** Drivers often fail to yield to pedestrians, particularly in crosswalks.

Insight: Enforcement issues



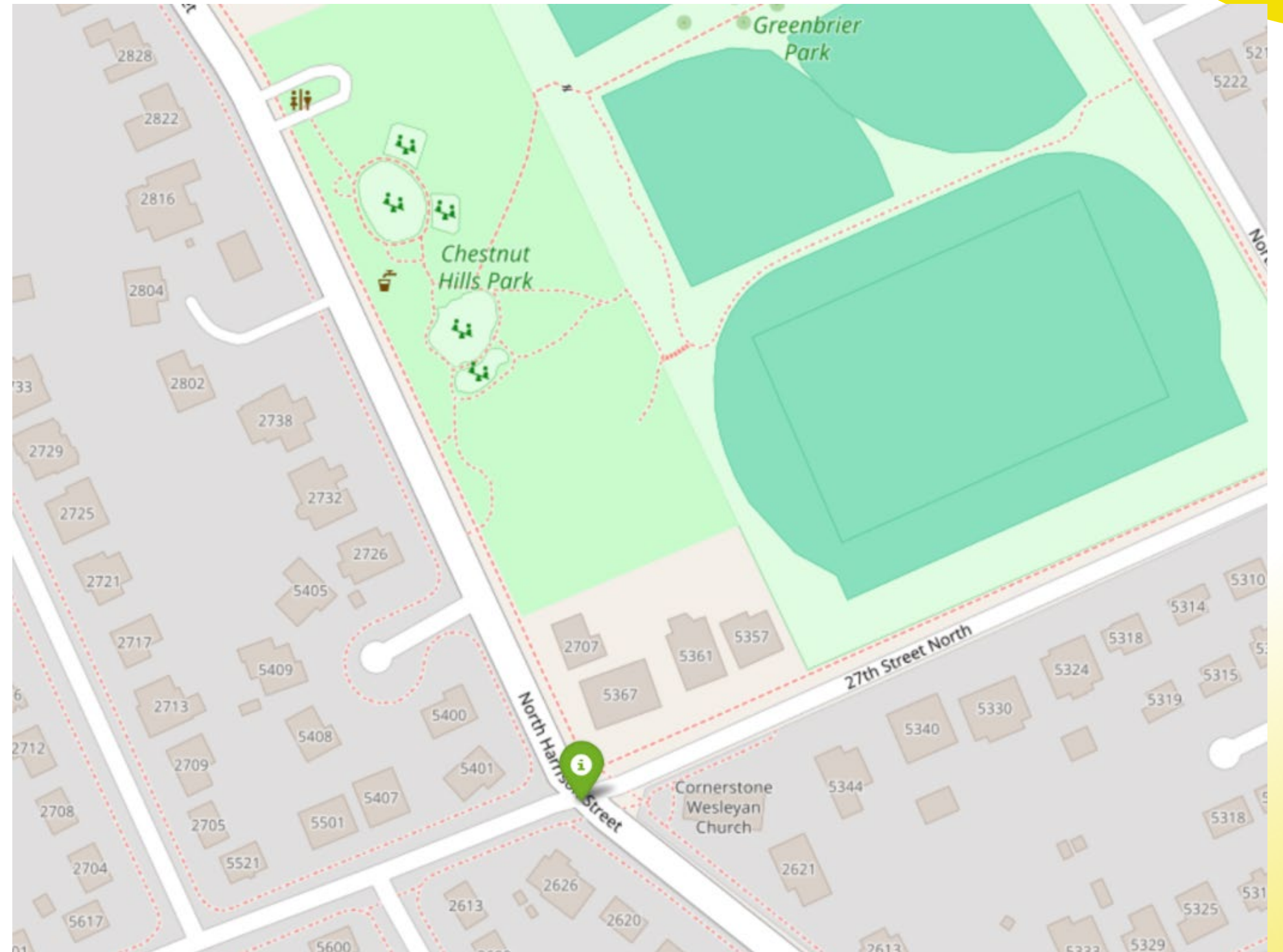
Intersection of N Harrison St and 27th St N

A total of 1 near-miss reports have been documented at this intersection and nearby streets.

- Incident Type: Both Near Miss and Incident
- Were Children Present: No
- Is this a Recurring Incident: Yes

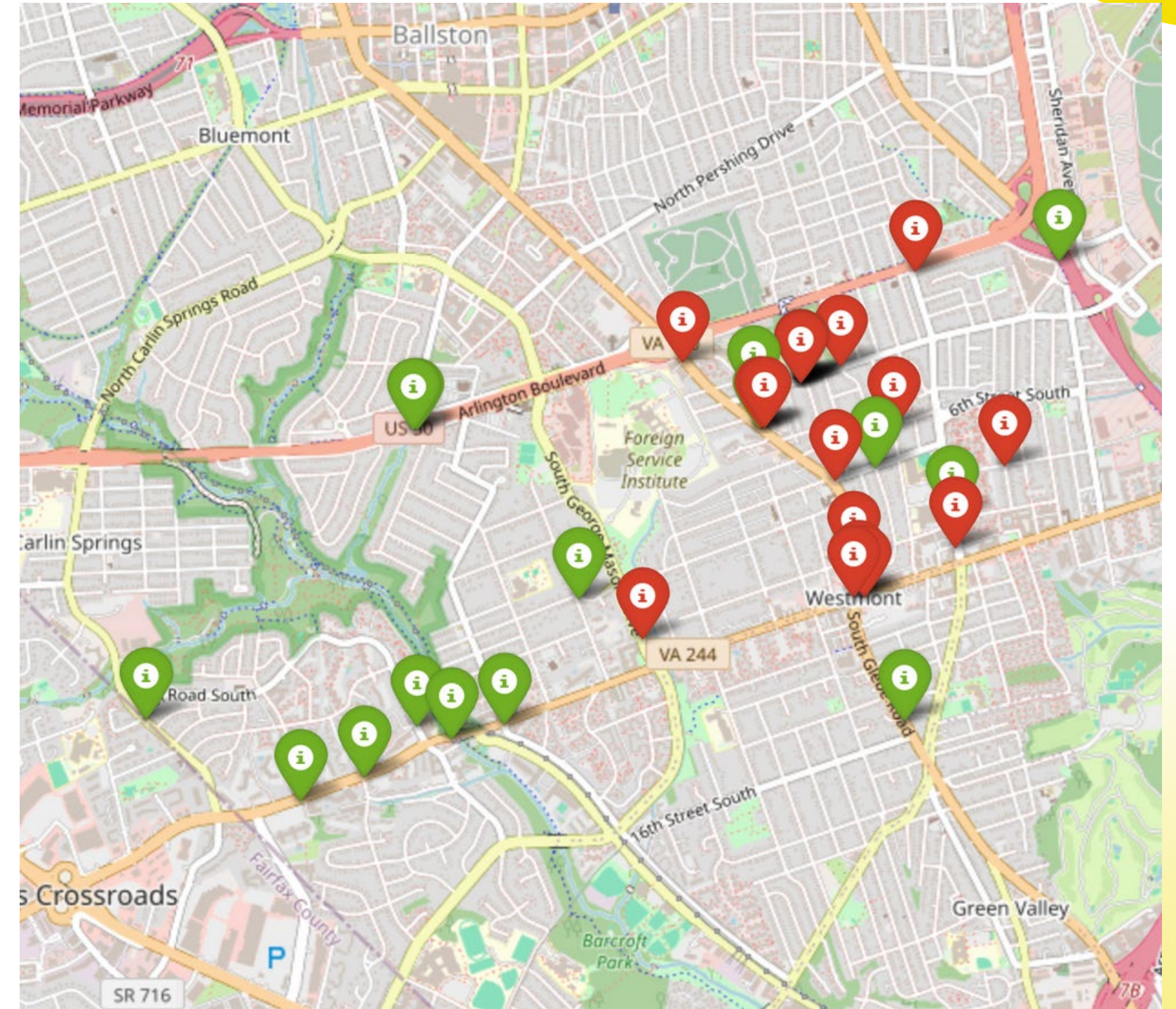
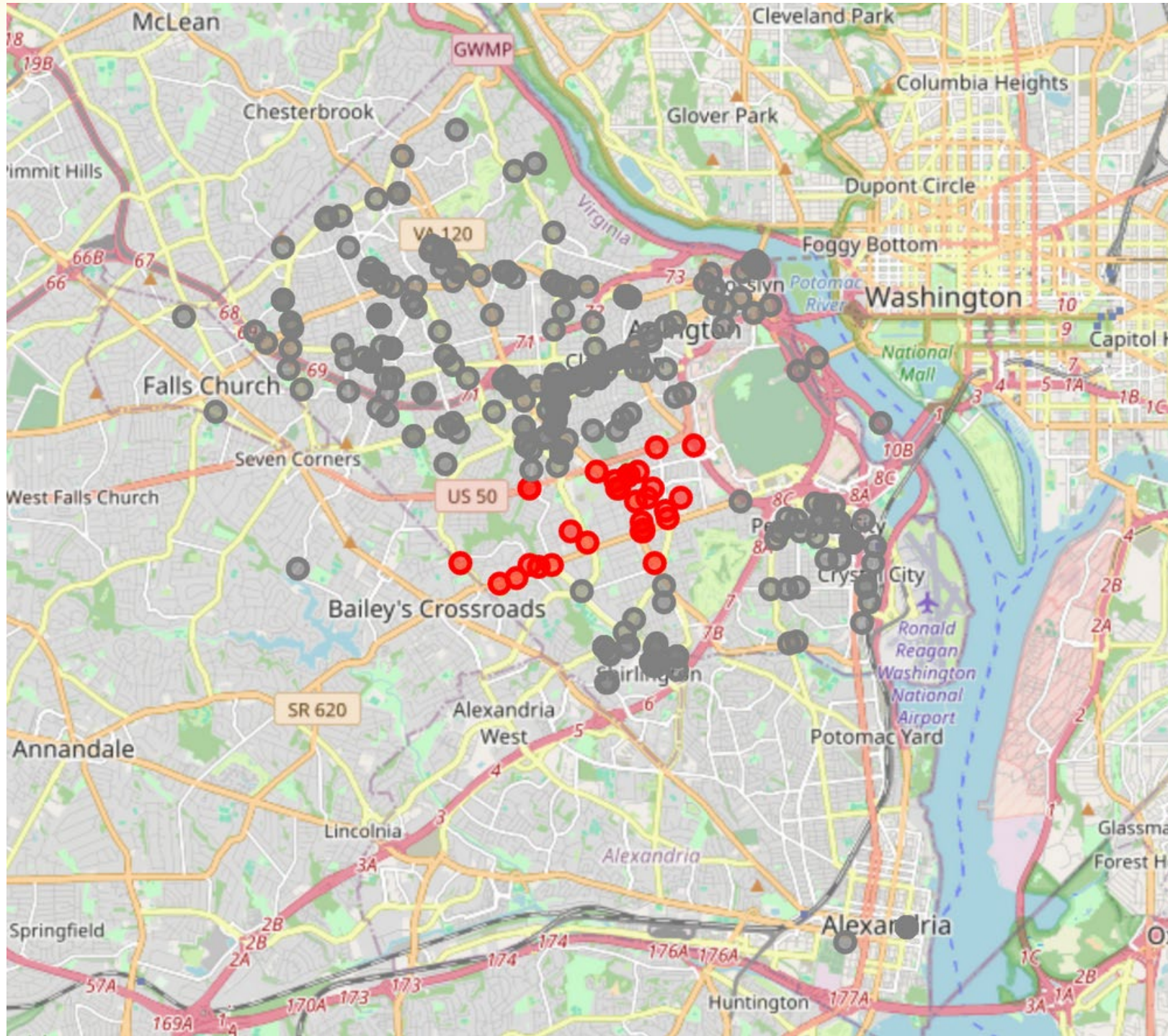
Incident Description:

- **Running Stop Signs and Speeding:**
Recurring incidents of drivers running stop signs and speeding were reported in this area.
- **Poor Visibility:** The crosswalk is poorly lit at night, which reduces visibility.



Insight: Enforcement & infrastructure issue

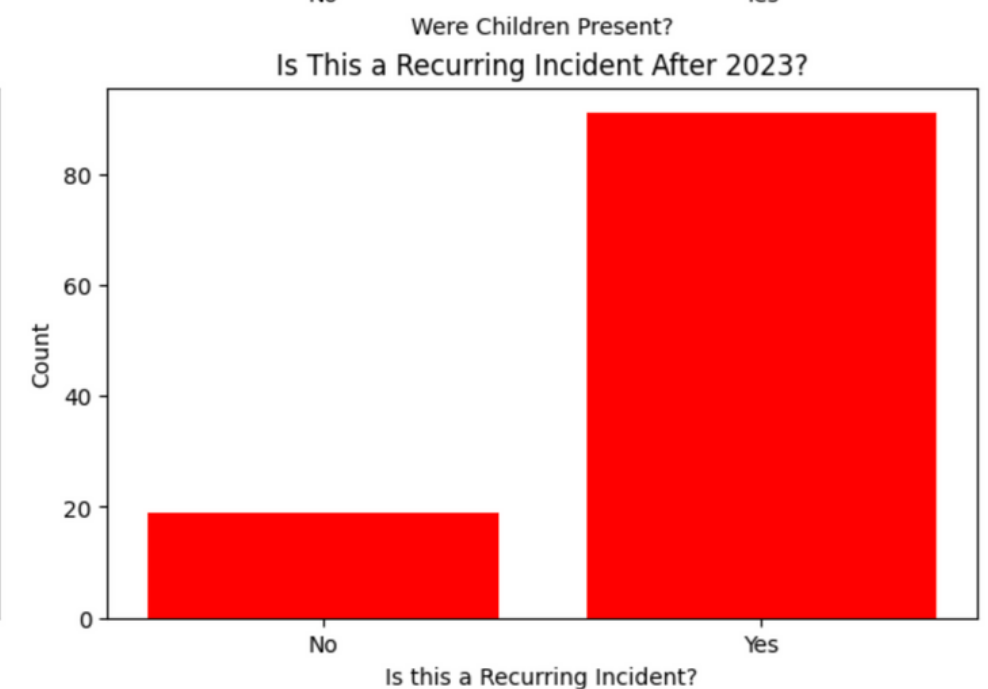
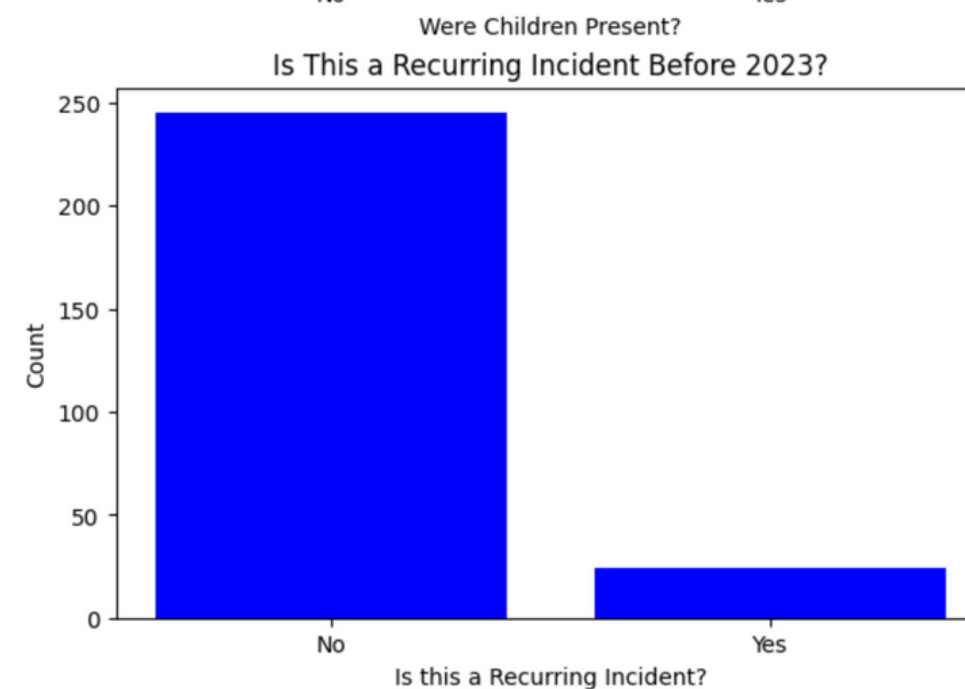
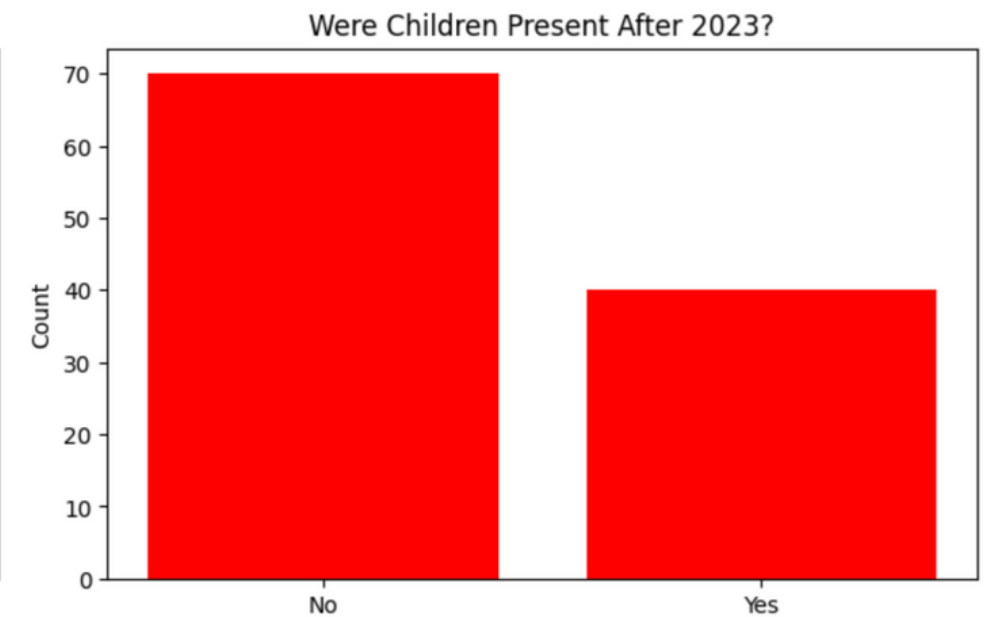
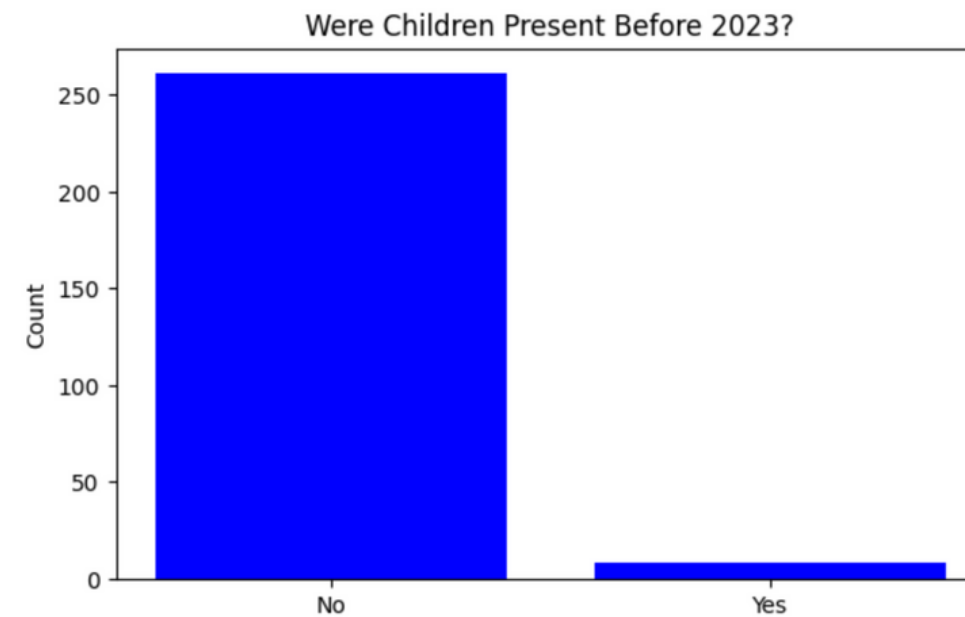
Columbia Pike Area



Trends in Child Presence and Recurrence in Near Miss Incidents

This slide features two sets of bar graphs comparing the presence of children and the recurrence of incidents in near-miss reports, segmented into periods before and after January 2023.

- **Children's Involvement:** The data suggests a significant increase in child involvement in near-miss incidents post January 2023.
- **Incident Recurrence:** The overall trend indicates a large increase in recurring NM incidents



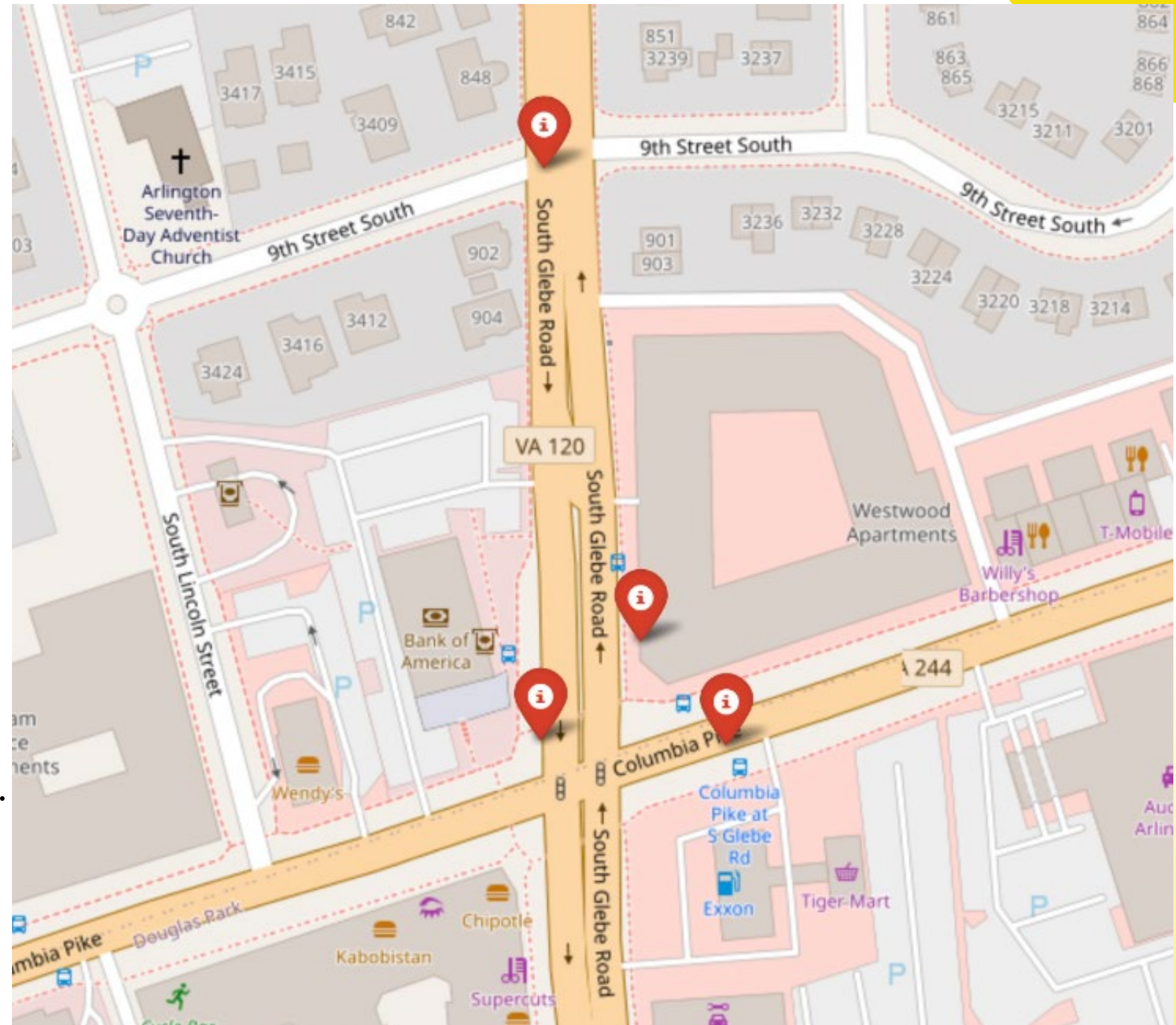
Intersection of S. Glebe Road & Columbia Pike

- Incident Type: Both Near Miss and Incident
- Were Children Present: Yes
- Is this a Recurring Incident: Yes

Incident Description:

- **Poor Visibility:** Visibility issues at this intersection are frequently reported, contributing to unsafe driving behaviors and NM incidents.
- **Insufficient Crossing Time:** Pedestrians often do not have enough time to safely cross the intersection, adding to the risk.
- **Running Red Lights:** There is a recurring issue of drivers running red lights at this intersection.

Insight: infrastructure & enforcement issues



2nd Street South

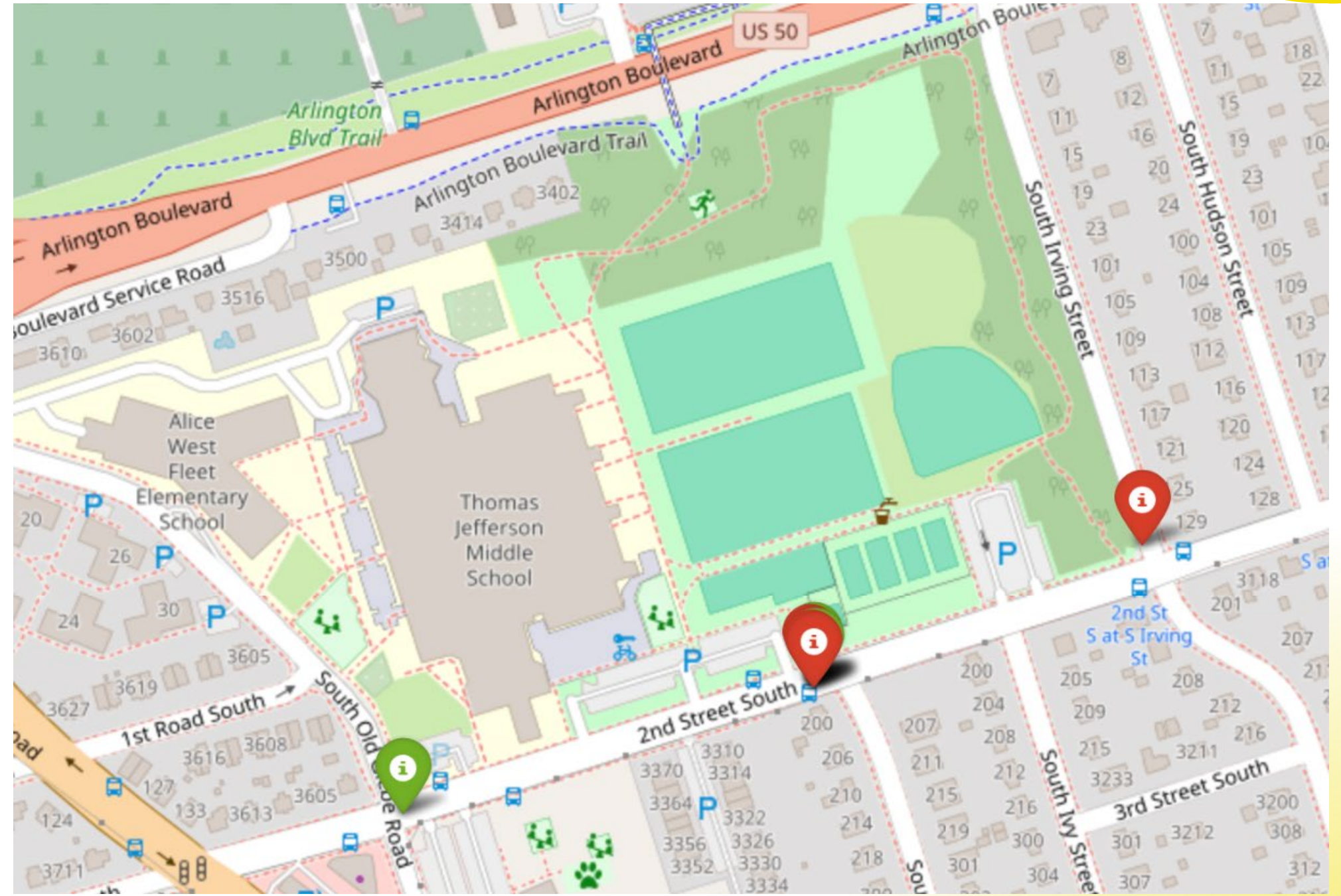
A total of 8 near-miss reports have been documented at this intersection and nearby streets.

- Type: Both Near Miss and Incident
- Were Children Present: Yes
- Is this a Recurring Incident: Yes

Incident Description:

- **Running Stop Signs and Speeding:** Frequent instances of drivers running stop signs and speeding were reported in this area.
- **Failure to Yield:** Drivers often fail to yield to pedestrians, particularly in crosswalks

Insight: Enforcement issues but perhaps road redesigning could help mitigate problems



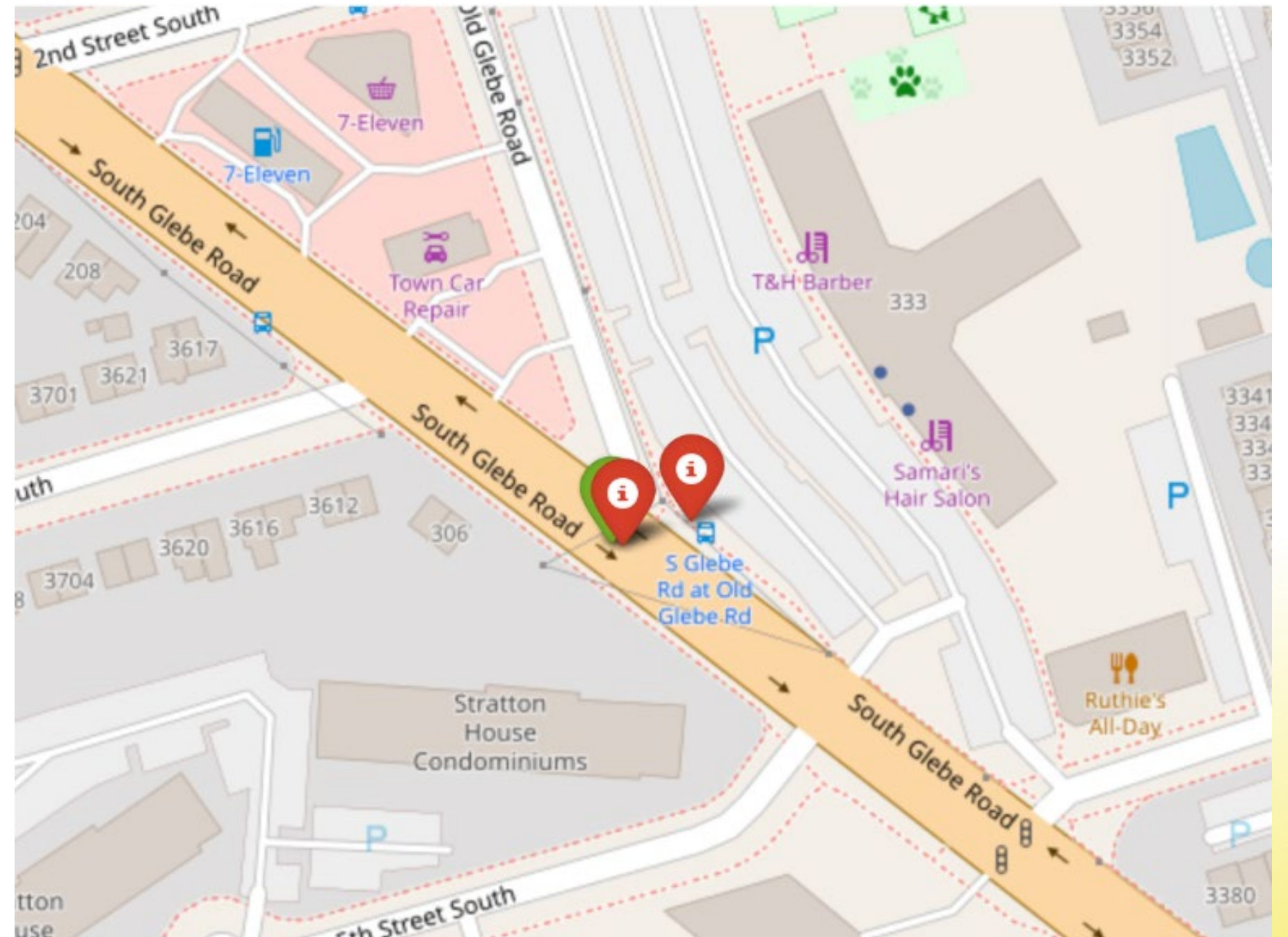
Intersection of South Glebe Road and South Old Glebe Road

A total of 3 near-miss reports have been documented at this intersection and nearby streets.

- Type: Near Miss
- Were Children Present: No
- Is this a Recurring Incident: Yes

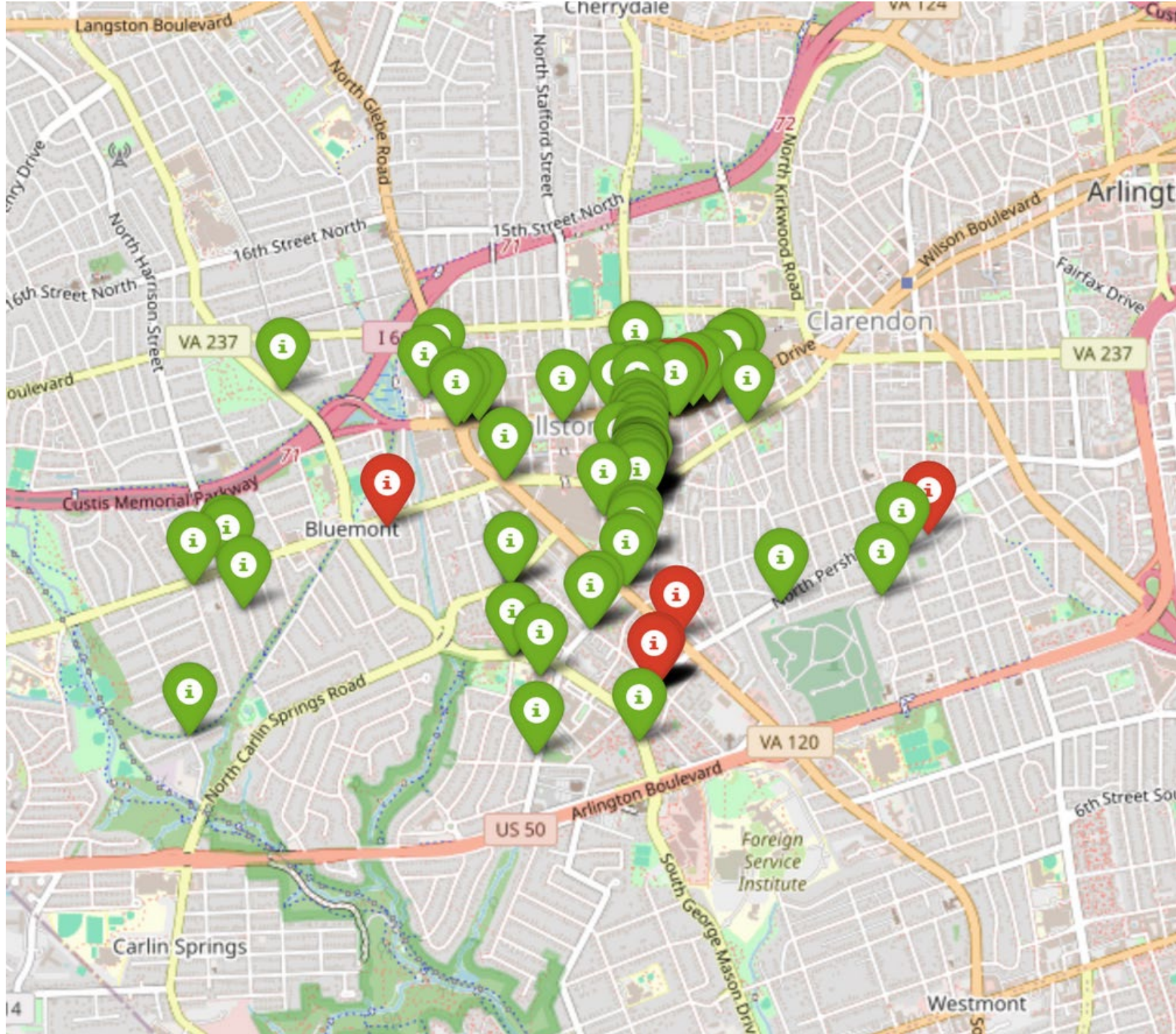
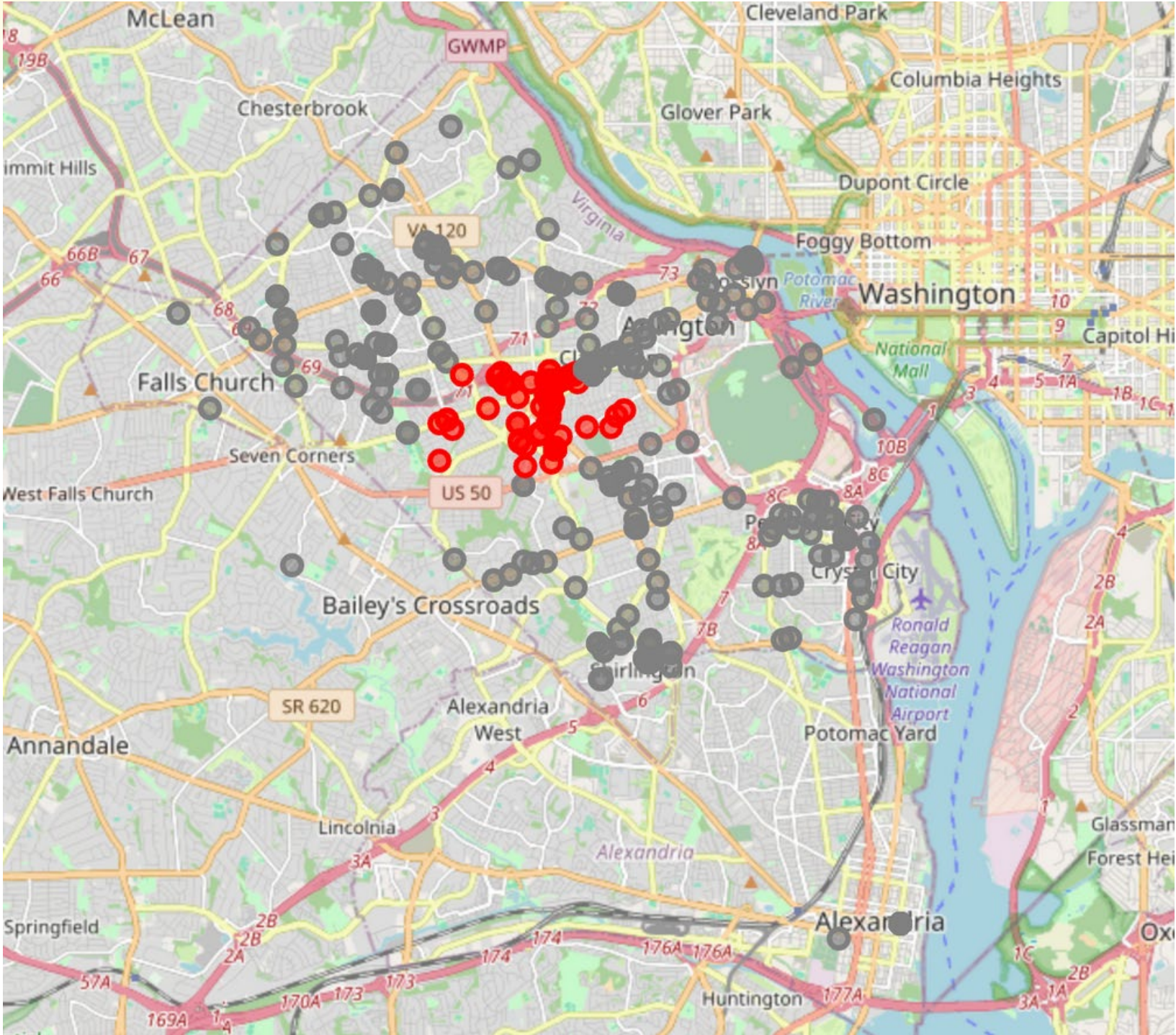
Incident Description:

- **Running Stop Signs and Speeding:** Frequent instances of drivers running stop signs and speeding were reported in this area.
- **Failure to Yield:** Drivers often fail to yield to pedestrians, particularly in crosswalks.



Insight: Enforcement issue

Ballston & Surrounding Area

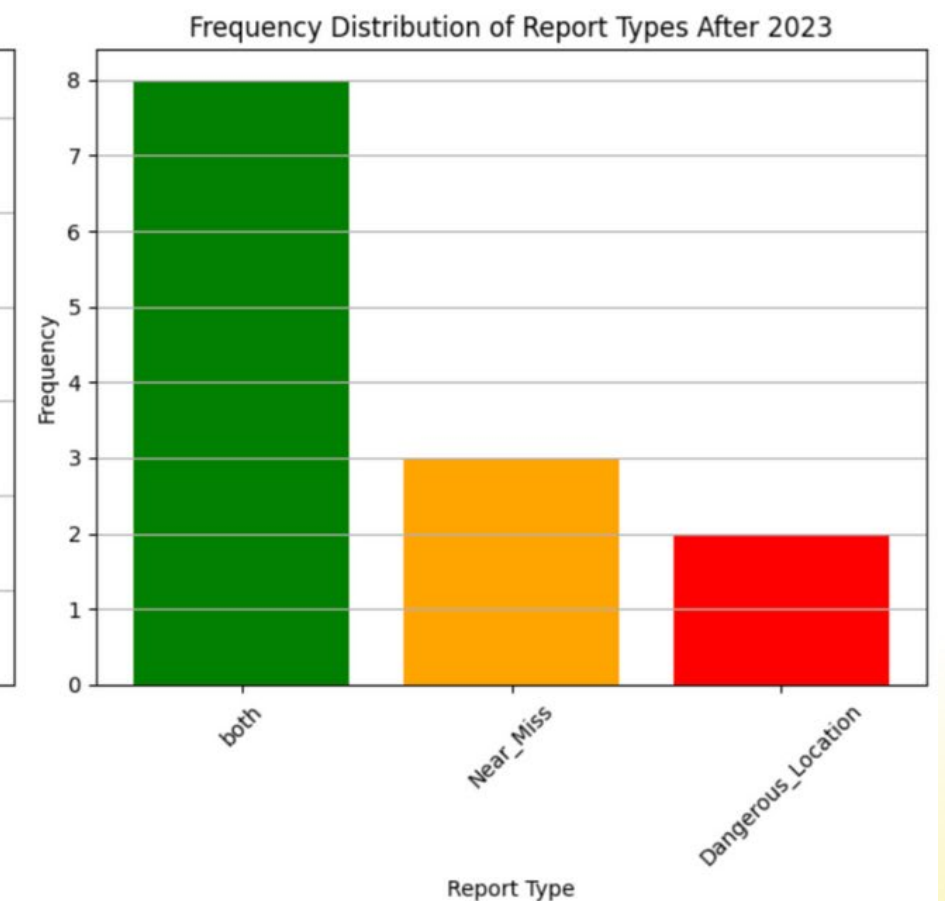
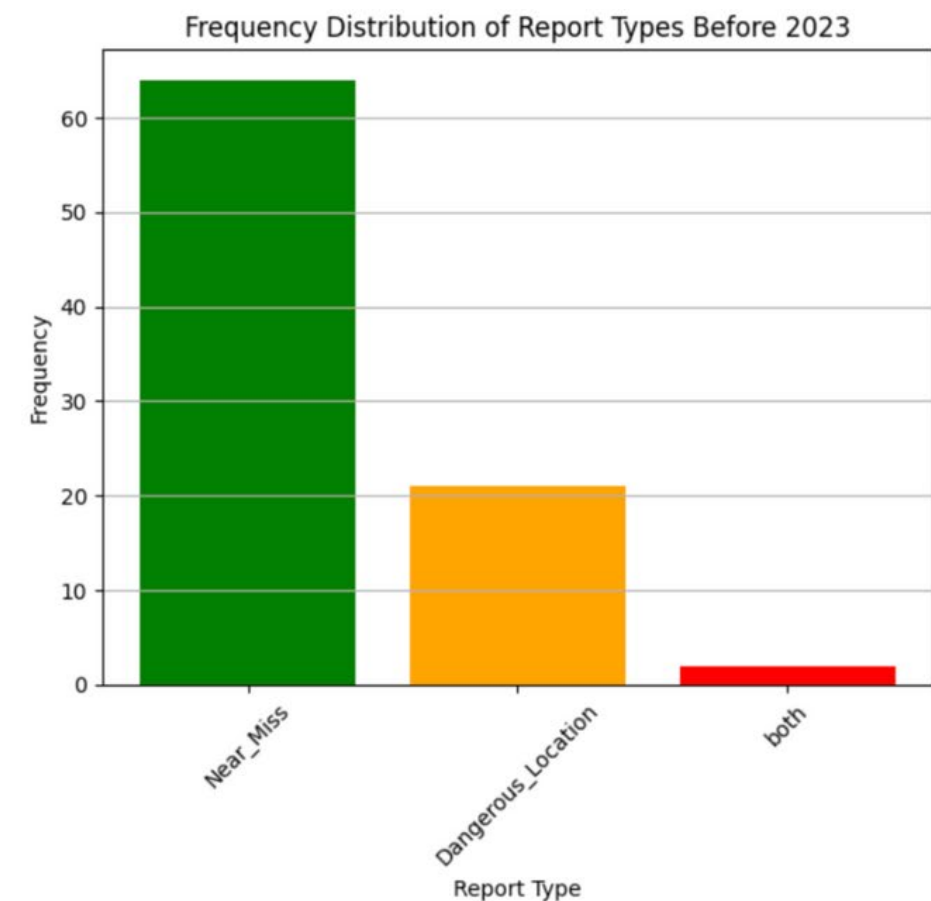


Trends in Report Type in Near Miss

This slide compares the frequency distribution of different report types—Near Miss, Dangerous Location, and Both—before and after the year January 2023.

Before January 2023:

- Near Miss reports were the most frequent, with over 60 incidents.
- Dangerous Location reports accounted for a significant portion as well, with over 20 incidents.
- Reports categorized as both Near Miss and Dangerous Location were relatively rare.



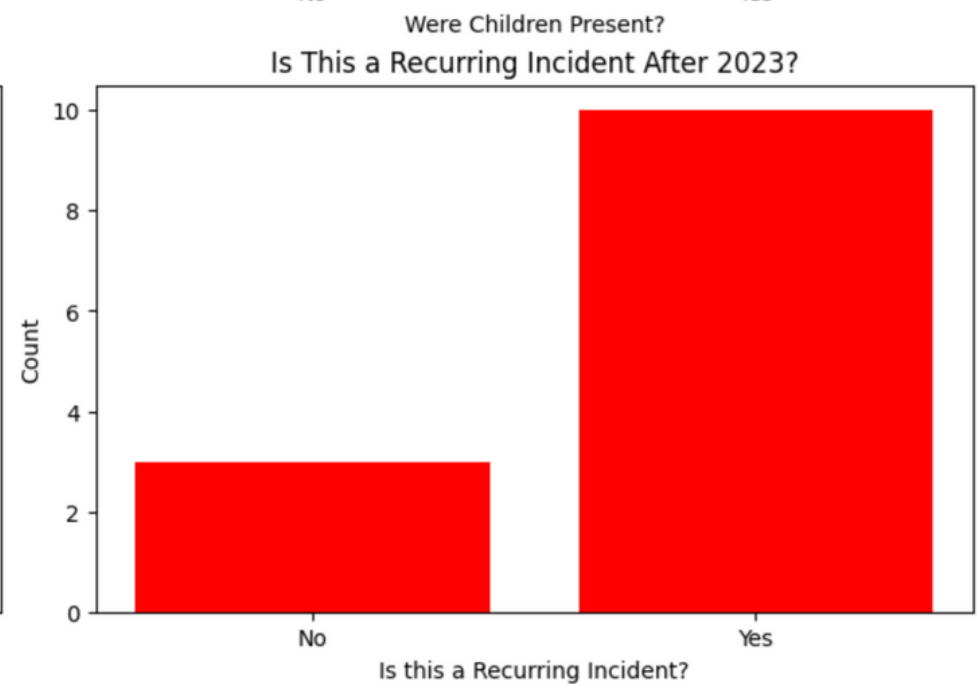
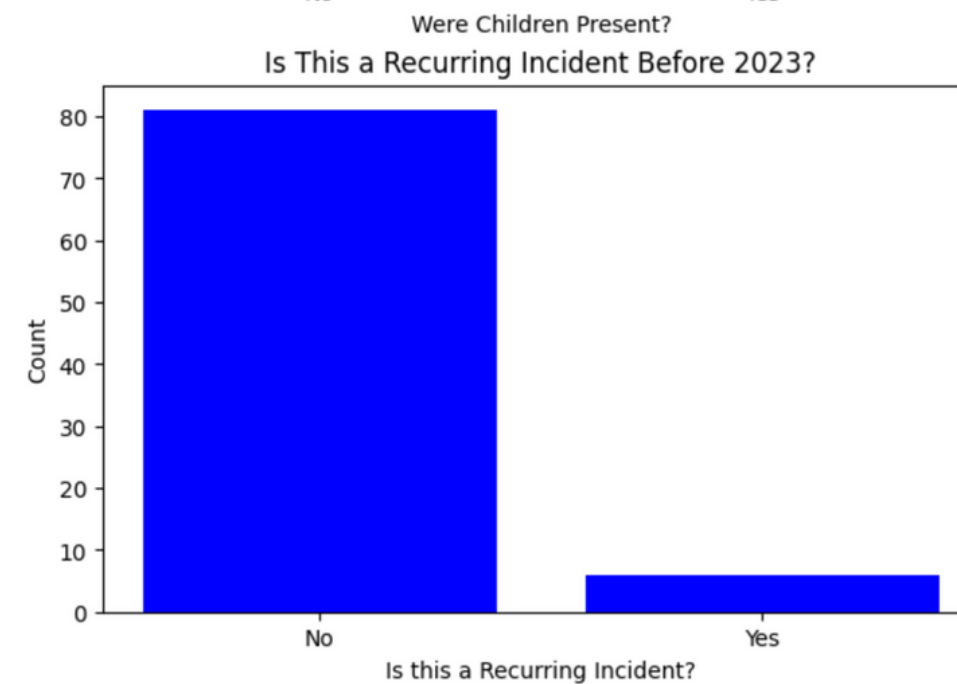
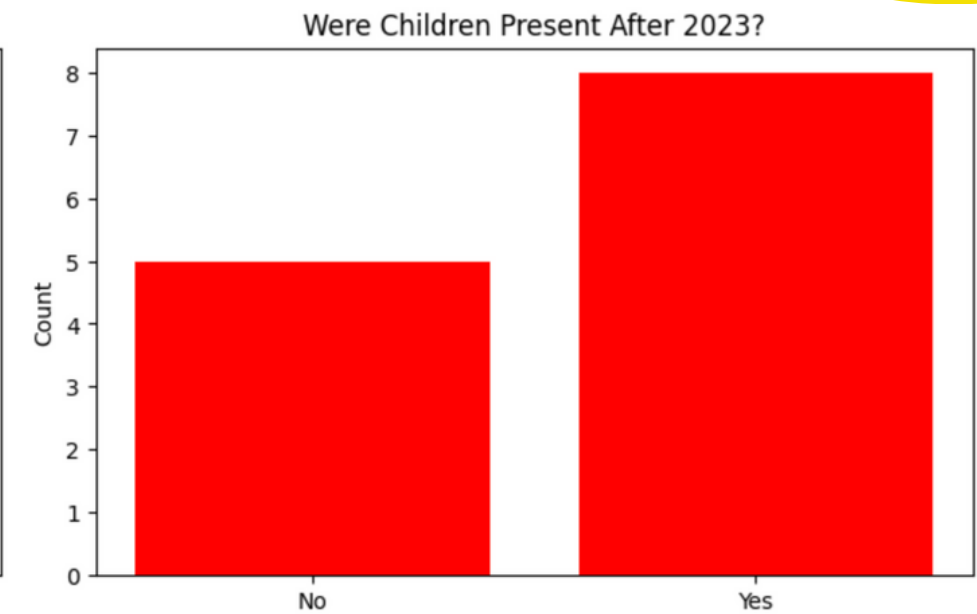
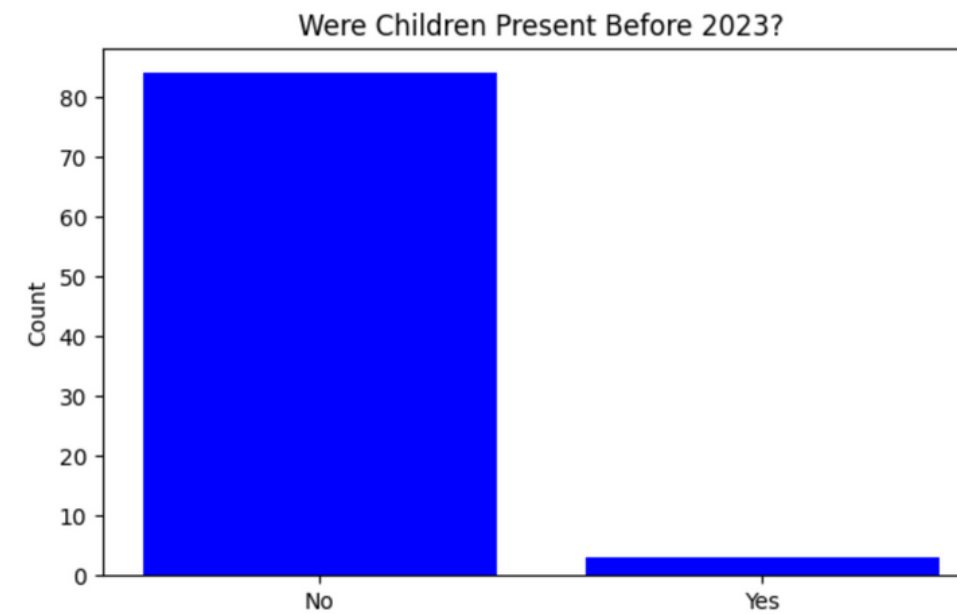
After January 2023:

- There is a more balanced distribution between Near Miss and Dangerous Location reports, with a slight increase in reports categorized as both.

Trends in Child Presence and Recurrence in Near Miss Incidents

This slide features two sets of bar graphs comparing the presence of children and the recurrence of incidents in near-miss reports, segmented into periods before and after January 2023.

- **Children's Involvement:** The data suggests a low record of child involvement in near-miss incidents prior to Jan 2023 but a sharp increase post Jan 2023
- **Incident Recurrence:** The overall trend indicates an increase in recurring incidents



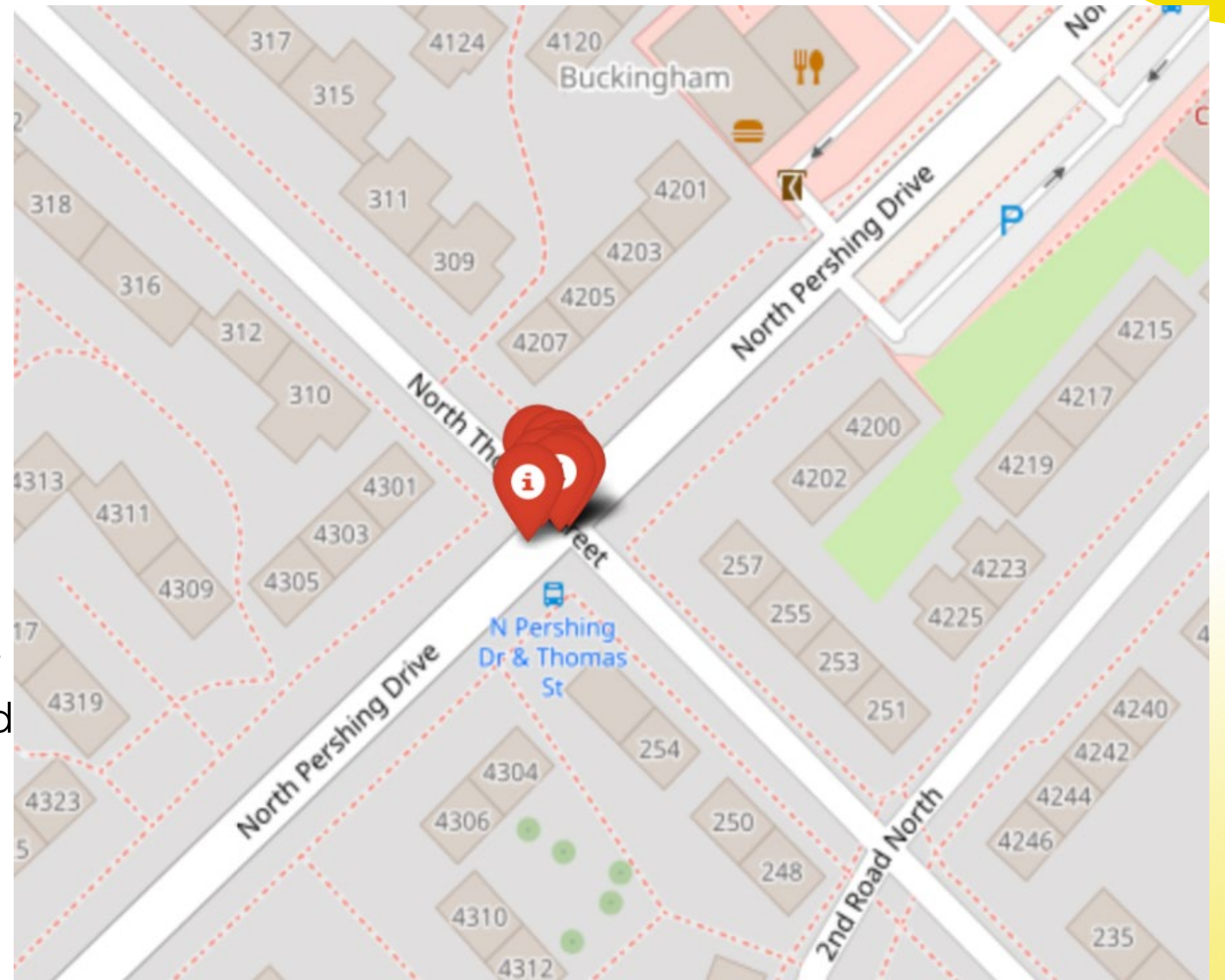
Intersection of N. Thomas & N. Pershing Dr.

A total of 9 near-miss reports have been documented at this intersection & nearby streets.

- Type: Both Near Miss and Incident
- Were Children Present: Yes
- Is this a Recurring Incident: Yes

Incident Description:

- **Running Stop Signs and Speeding:** Frequent instances of drivers running stop signs and speeding were reported in this area.
- **Failure to Yield:** Often fail to yield to pedestrians
- **Improper U-Turns and Right Turns:** Two reports highlighted the dangers of improper U-turns and right turns without checking for pedestrians or cyclists
- Insight: Enforcement issues / road redesign



North Quincy Street

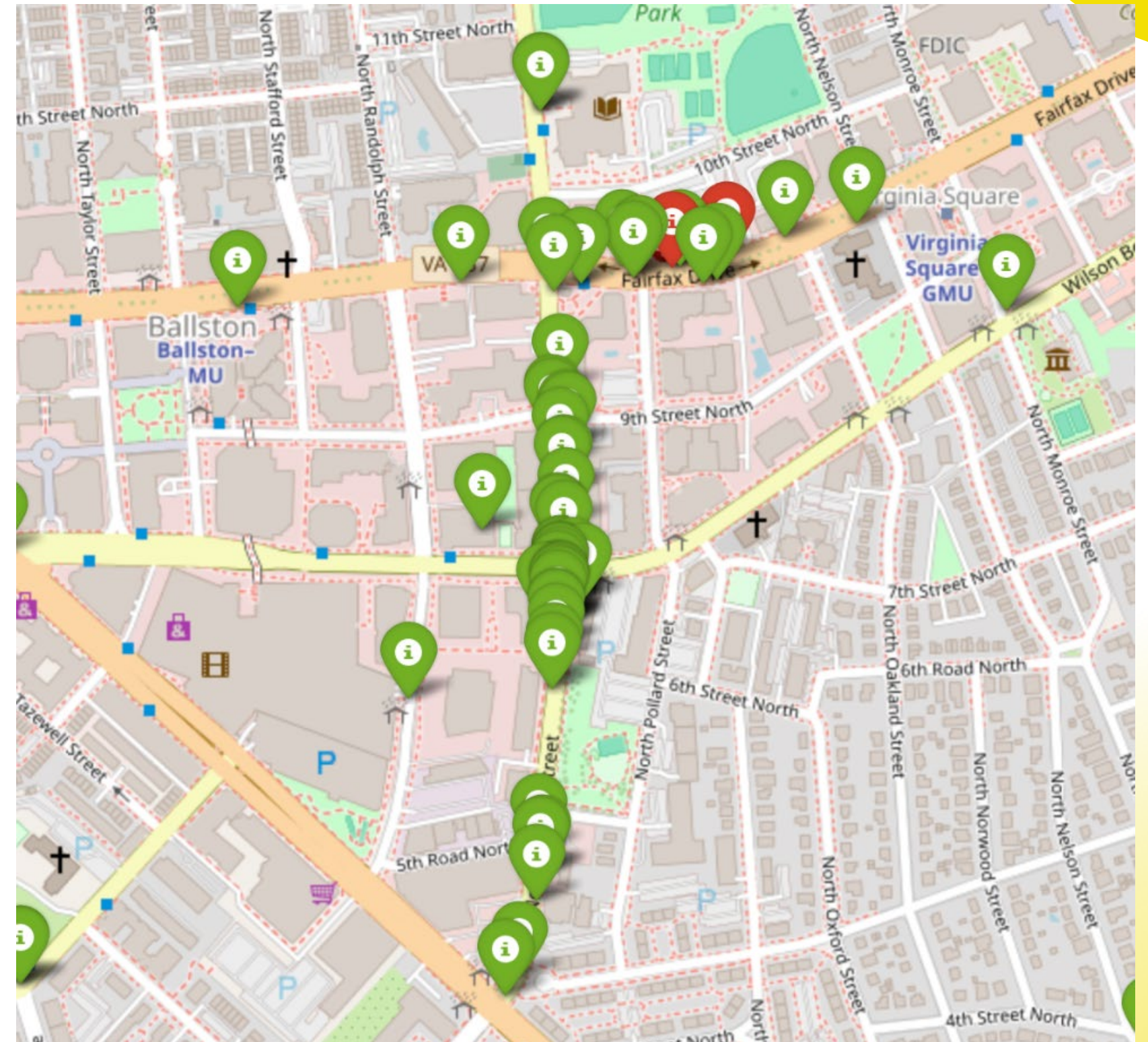
Many near-miss reports have been documented at this intersection and nearby streets.

- Type: Both Near Miss & Dangerous Locations
- Were Children Present: Yes
- Is this a Recurring Incident: Yes

Incident Description:

- **Running Stop Signs and Speeding:** Frequent instances of drivers running stop signs and speeding were reported in this area.
- **Failure to Yield:** Drivers often fail to yield
- **Improper Turns:** Unsafe right turns, particularly without checking for pedestrians, have led to several near-misses.

Insight: Enforcement issues. Road redesign?



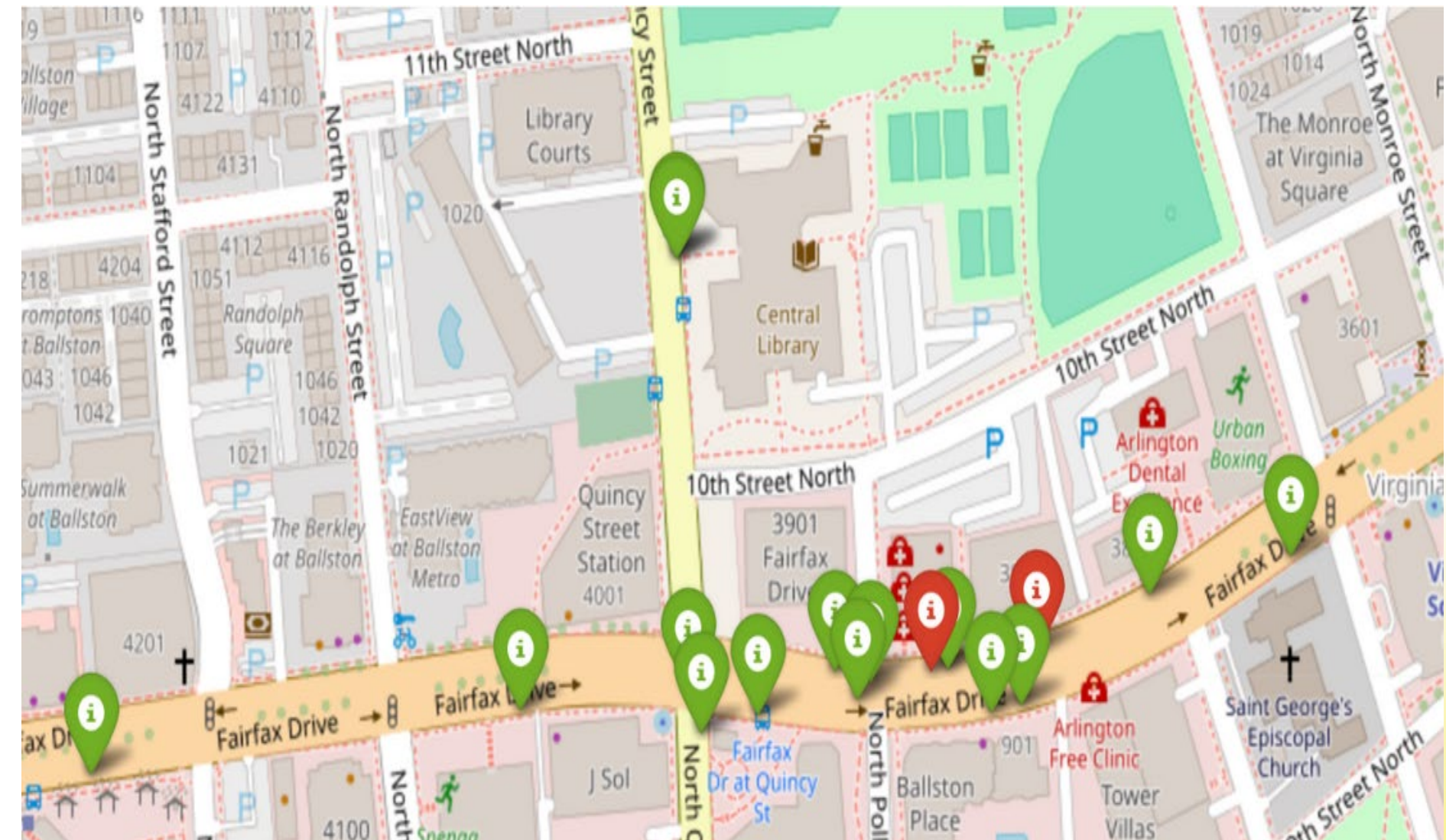
Fairfax Drive

Many near-miss reports have been documented at this intersection and nearby streets.

- Type: Both Near Miss and Incident
- Were Children Present: Yes
- Is this a Recurring Incident: Yes

Incident Description:

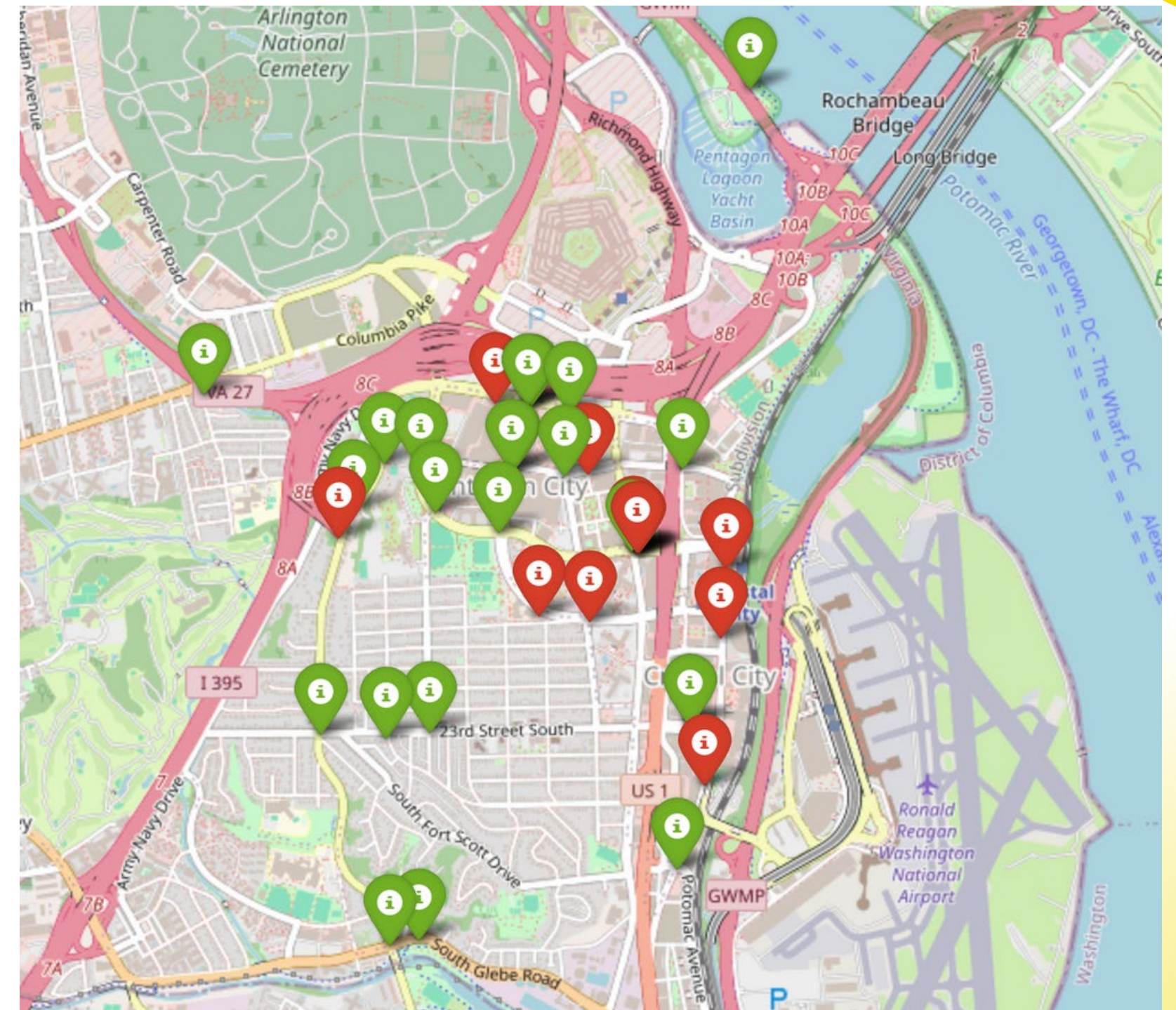
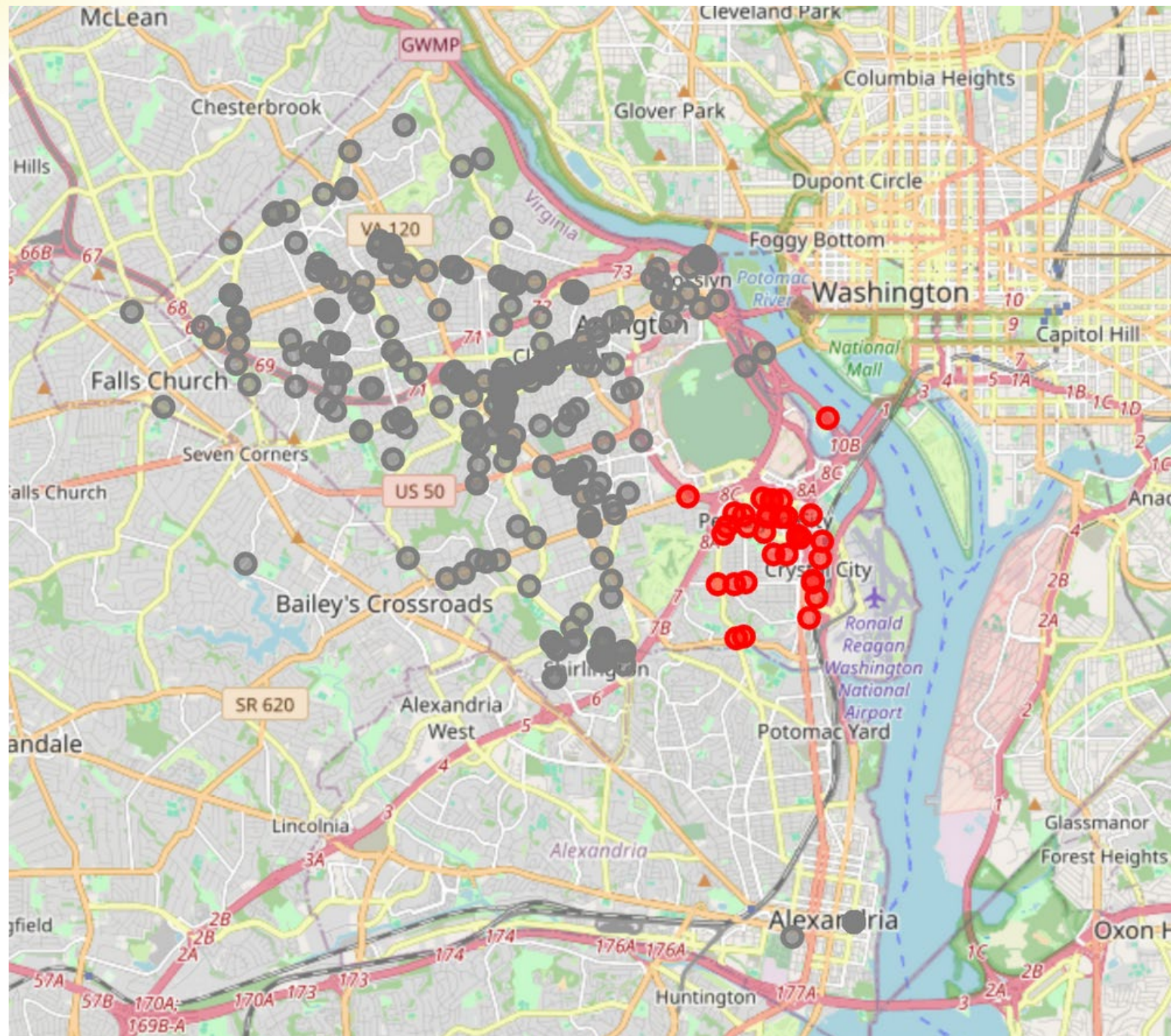
- **Running Stop Signs and Speeding:** Frequent instances of drivers running stop signs and speeding were reported in this area.
- **Obstruction in Bike Lanes:** Vehicles, buses, and delivery trucks frequently block bike lanes, creating dangerous conditions for cyclists.
- **Lack of Traffic Control:** Unsignalized crosswalks and lack of traffic signals contribute to the difficulty and danger of crossing the street safely.
- **Encroachment on Bike Lanes:** Cars encroaching on bike lanes; not respecting space designated for cyclists.



Insight: Enforcement issues. Infrastructure - with protected bike lanes?



Crystal City-Pentagon Area



Trends in Behavior & Conditions in Near Miss

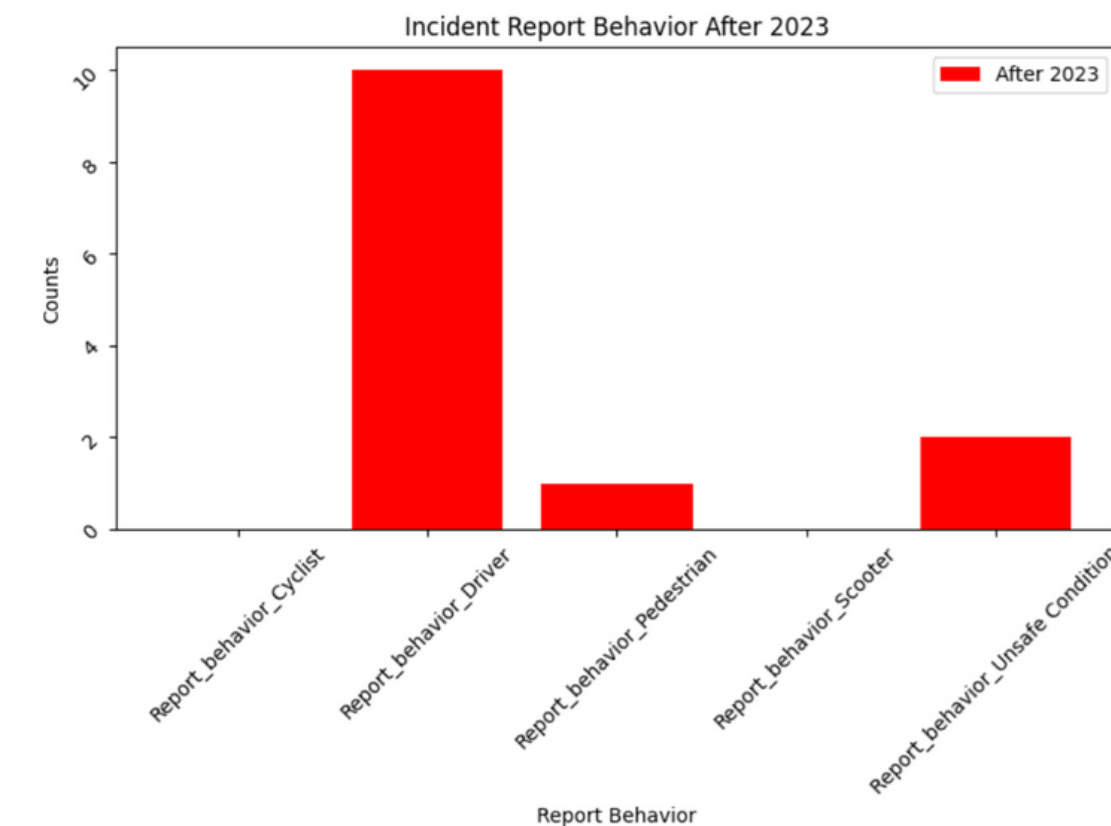
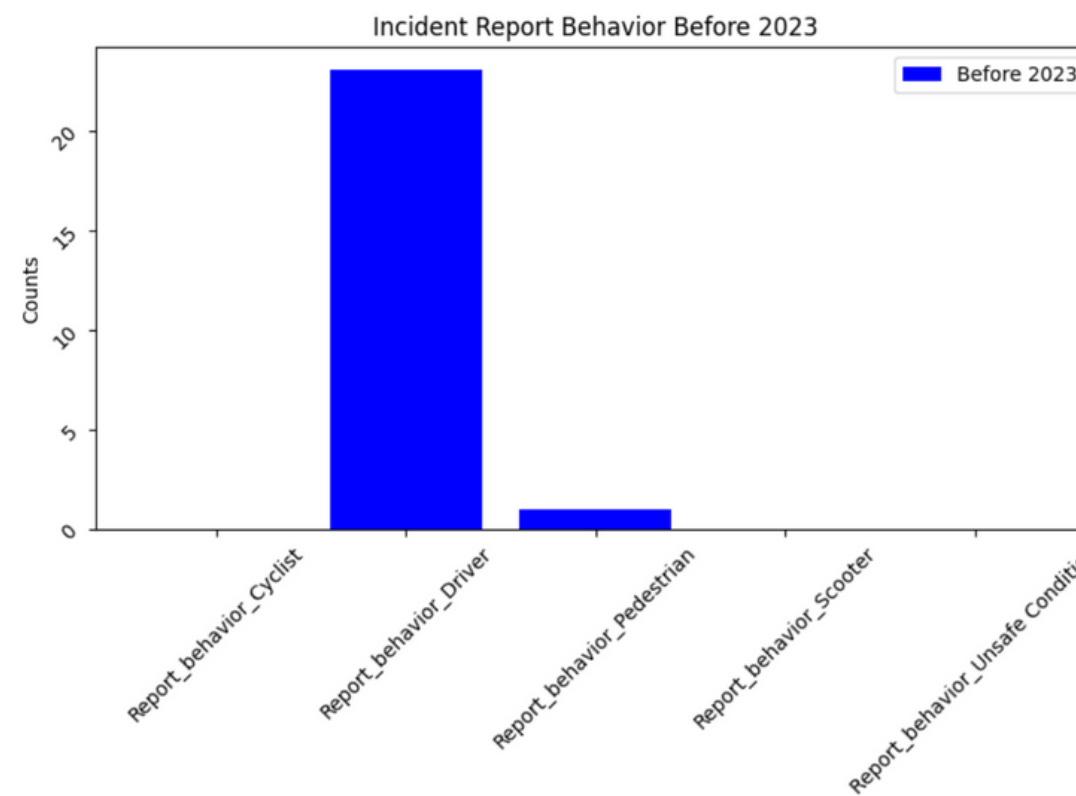
This chart compares the types of behaviors reported in incidents before and after January 2023.

Before January 2023:

- Most of the reports were related to driver behavior, with over 20 incidents attributed to this category.

After January 2023:

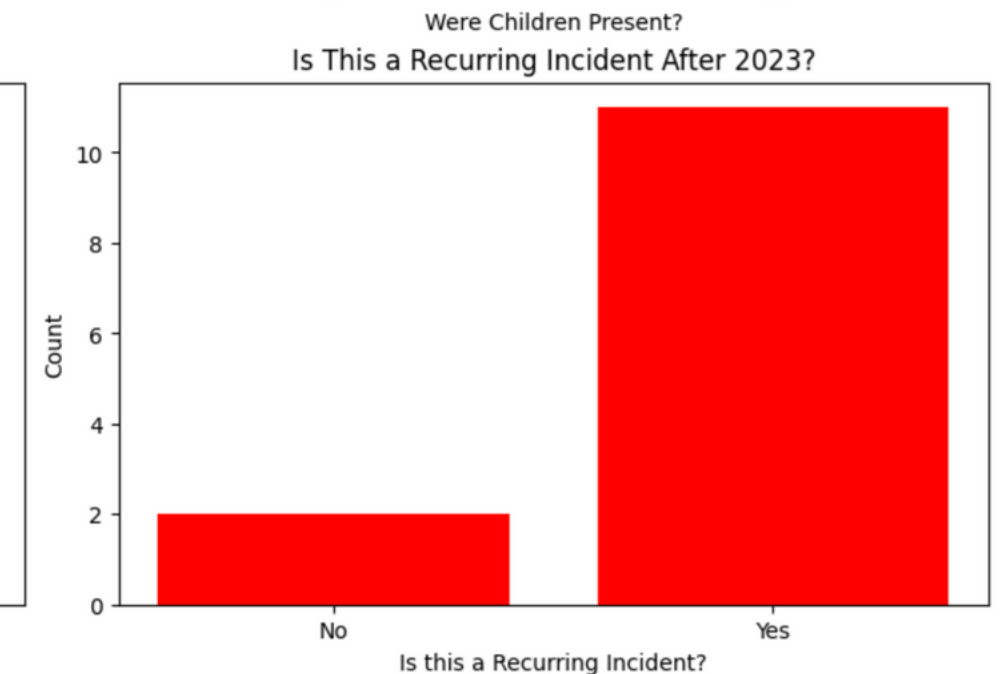
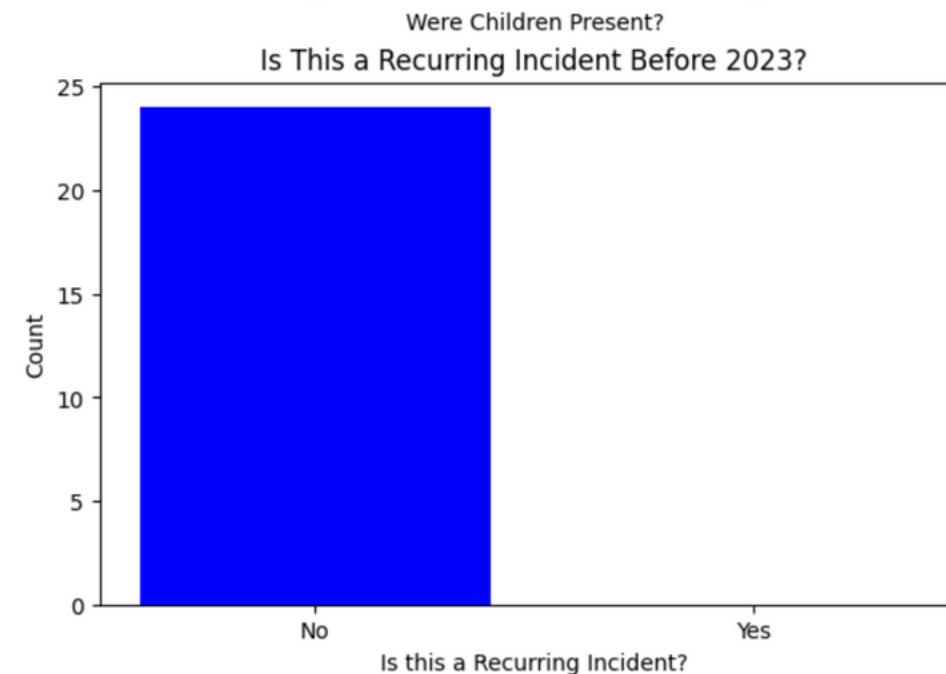
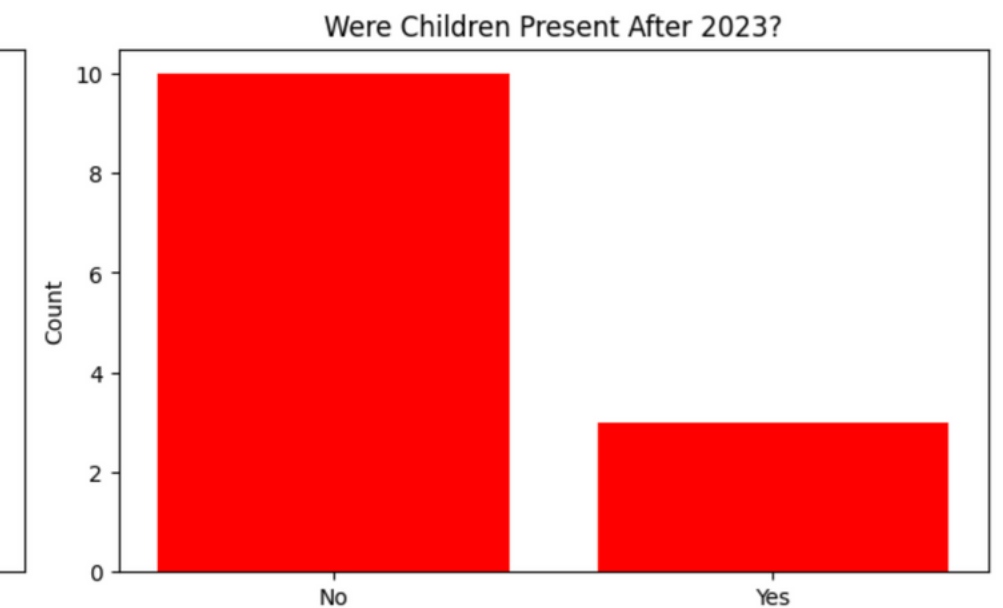
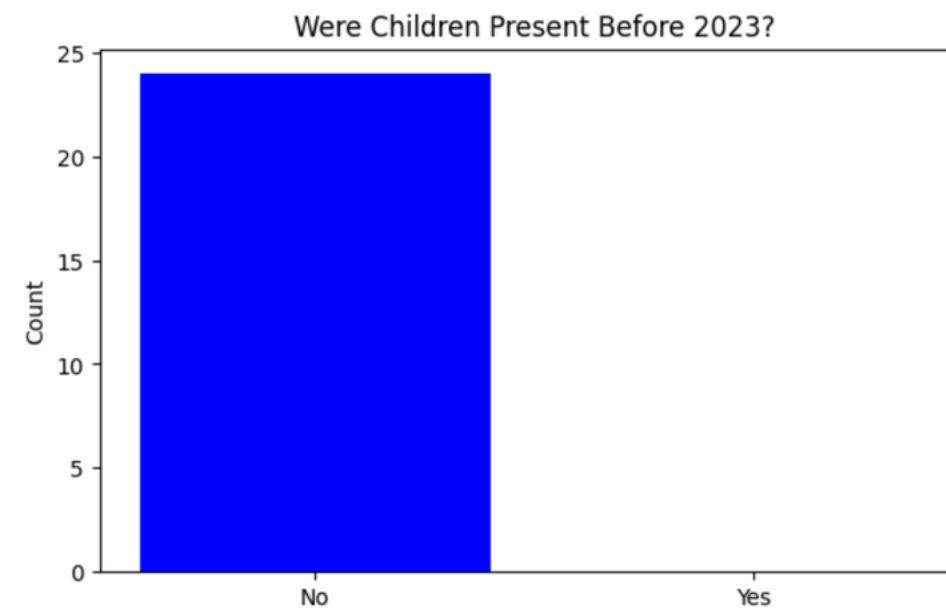
- Driver behavior continues to dominate the reports, but there is also a noticeable number of reports related to unsafe conditions, suggesting emerging concerns about infrastructure factors in addition to driver actions.



Trends in Child Presence and Recurrence in Near Miss

This slide features two sets of bar graphs comparing the presence of children and the recurrence of incidents in near-miss reports, segmented into periods before and after January 2023.

- **Children's Involvement:** The data suggests a consistent trend of low child involvement in near-miss incidents, though post Jan 2023 shows a minor increase.
- **Incident Recurrence:** The overall trend indicates an increase in recurring incidents since Jan 2023.



Intersection of S. Eads St and 15th Street

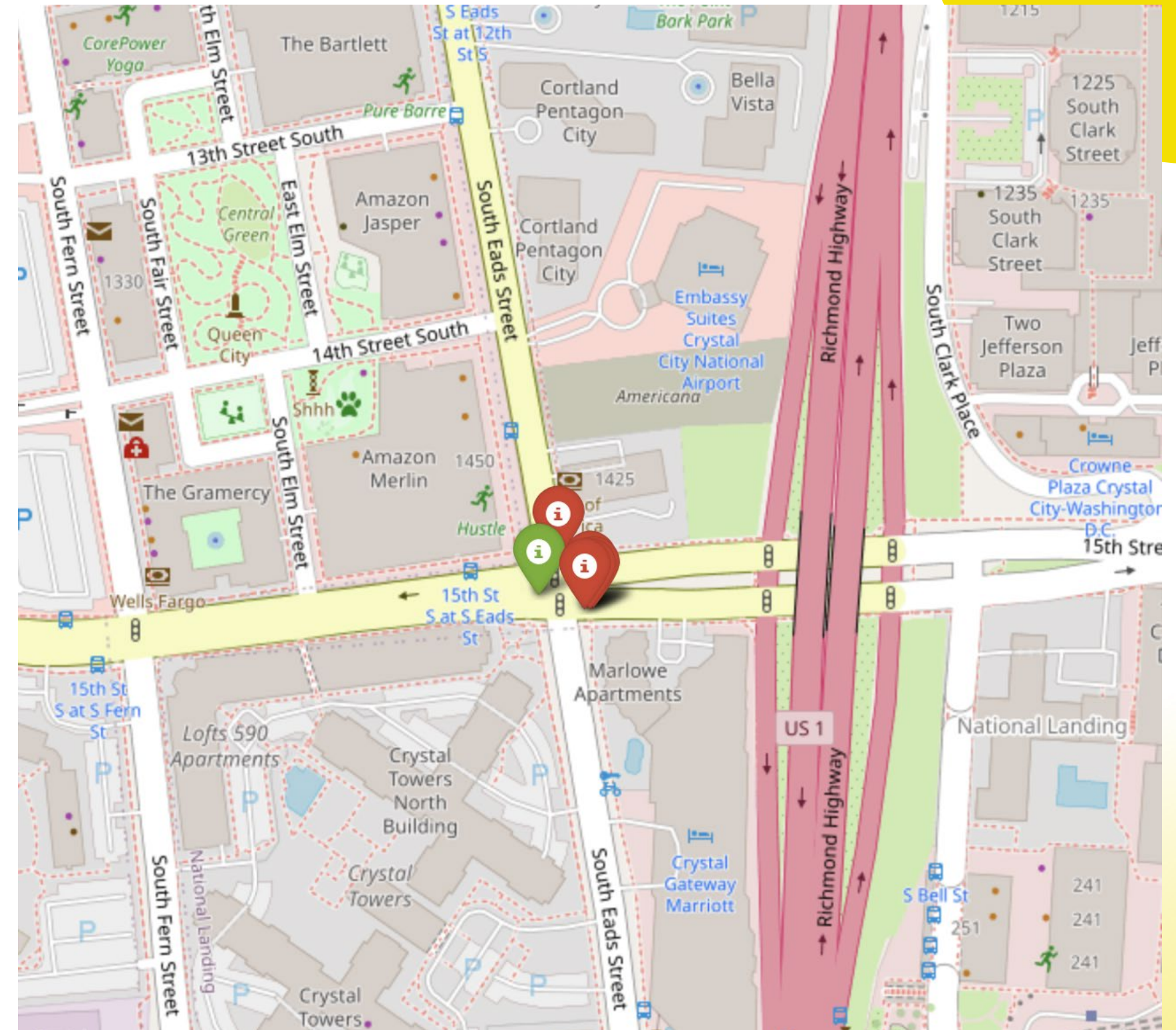
A total of 7 near-miss reports have been documented at this intersection and nearby streets.

- Type: Both Near Miss and Incident
- Were Children Present: Yes
- Is this a Recurring Incident: Yes

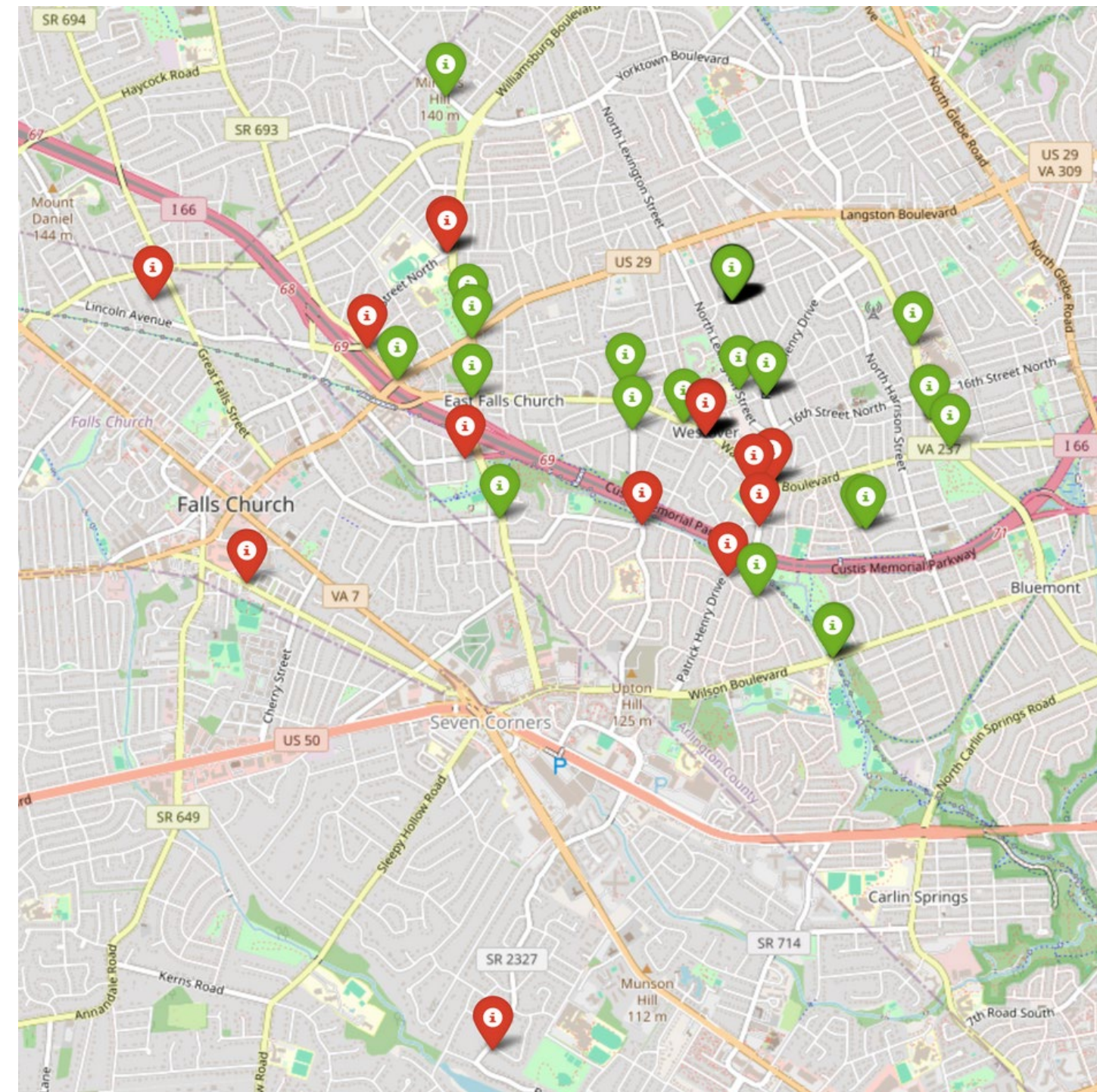
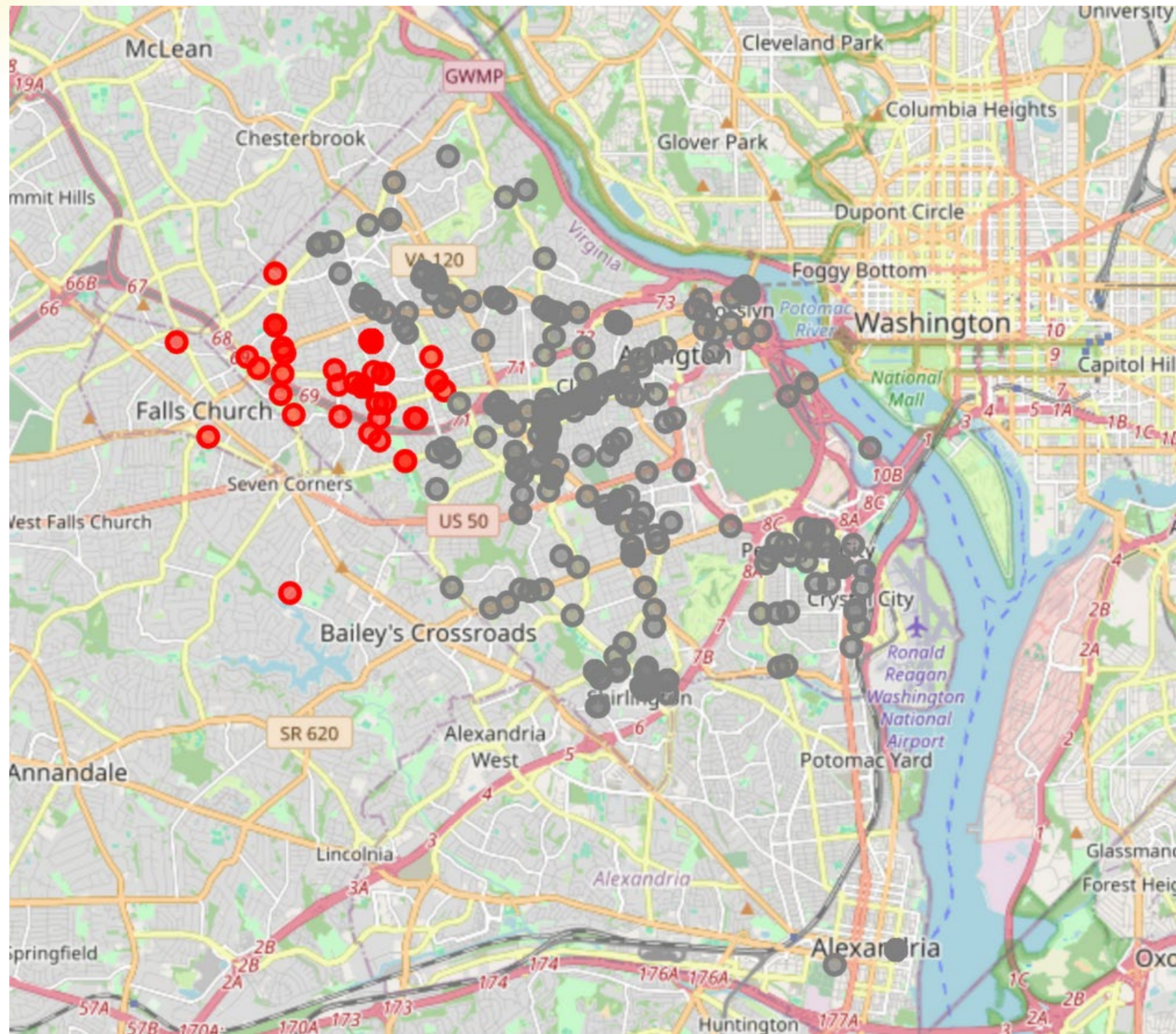
Incident Description:

- **Running Stop Signs and Speeding:** Frequent instances of drivers running stop signs and speeding were reported in this area.
- **Poor Visibility:** Due to the ongoing construction in the area, visibility is poor, and drivers often speed through the intersection.

- Insight: Enforcement & Infrastructure Issues



Washington Boulevard & Surroundings



Trends in Report Types in Near Miss

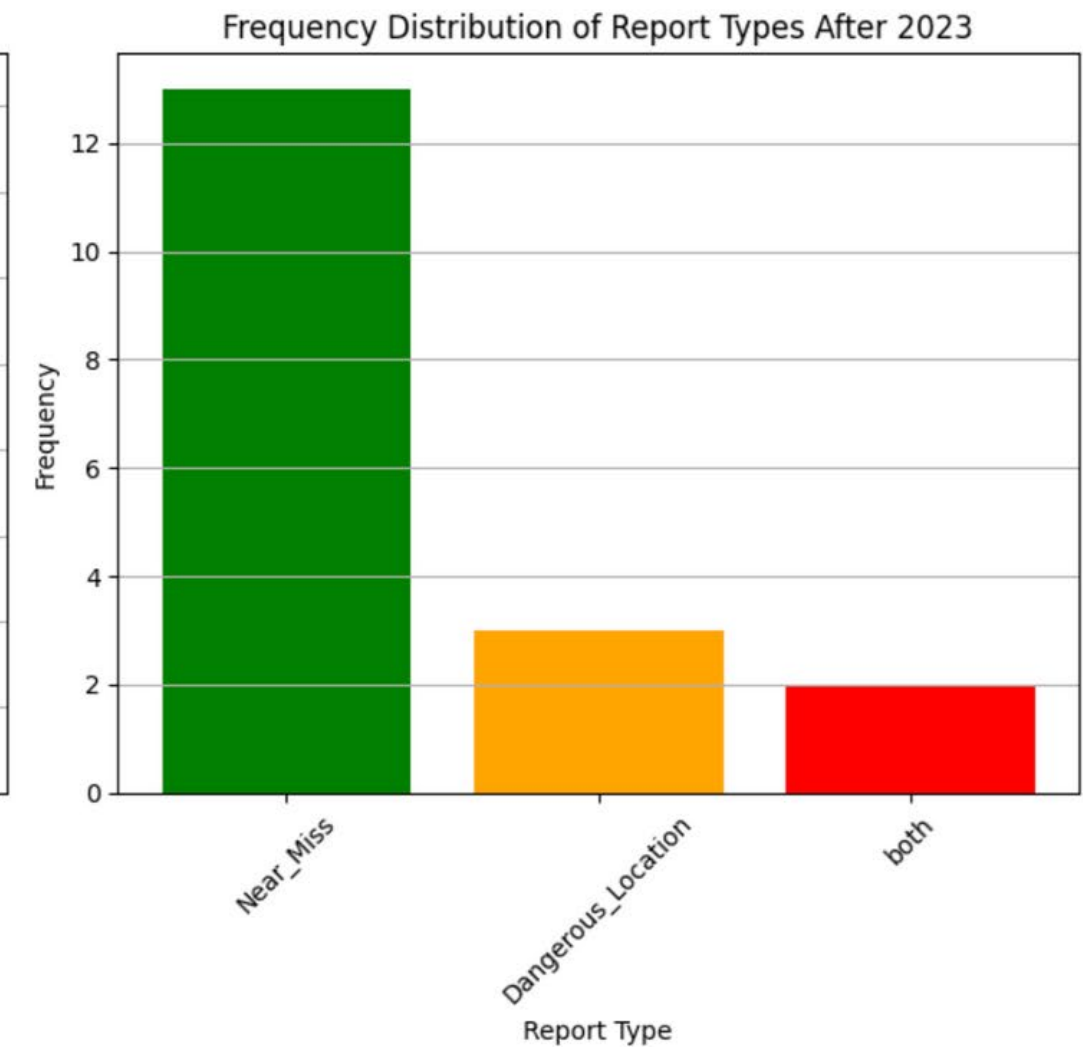
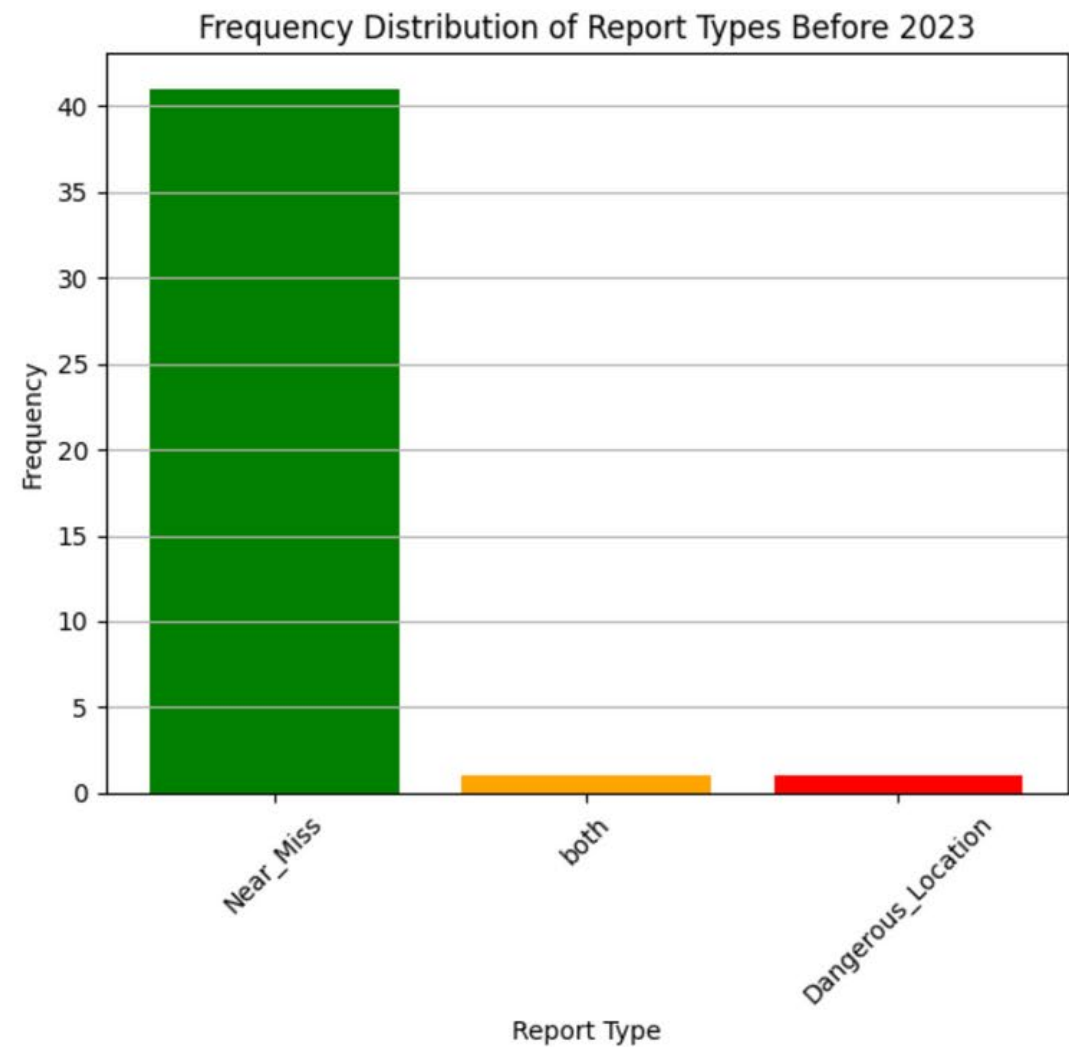
This chart compares the types reported in incidents before and after Jan 2023.

Before January 2023:

- The majority of reports (over 40) were classified as Near Miss incidents

After January 2023:

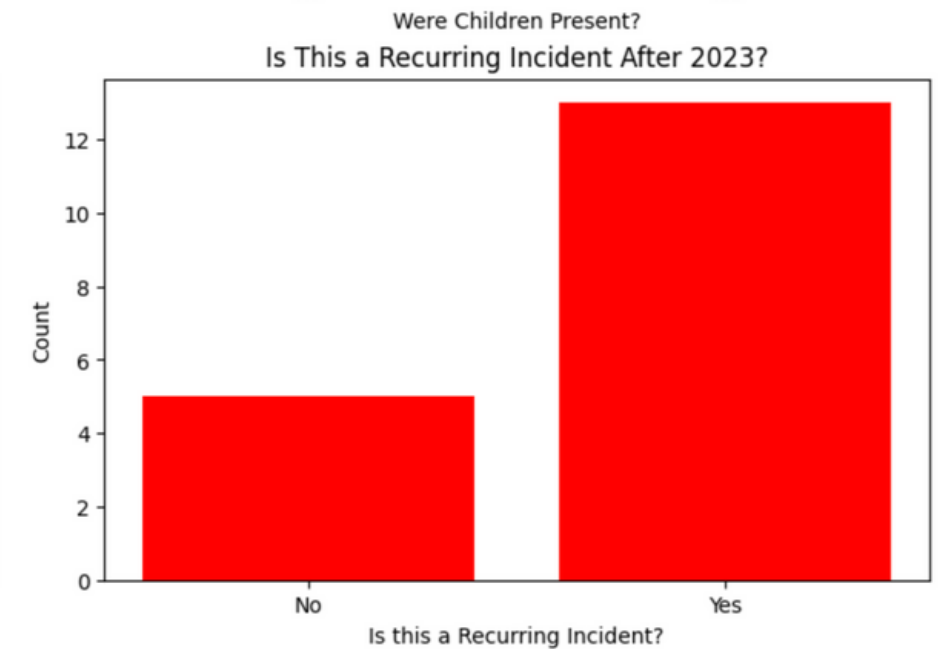
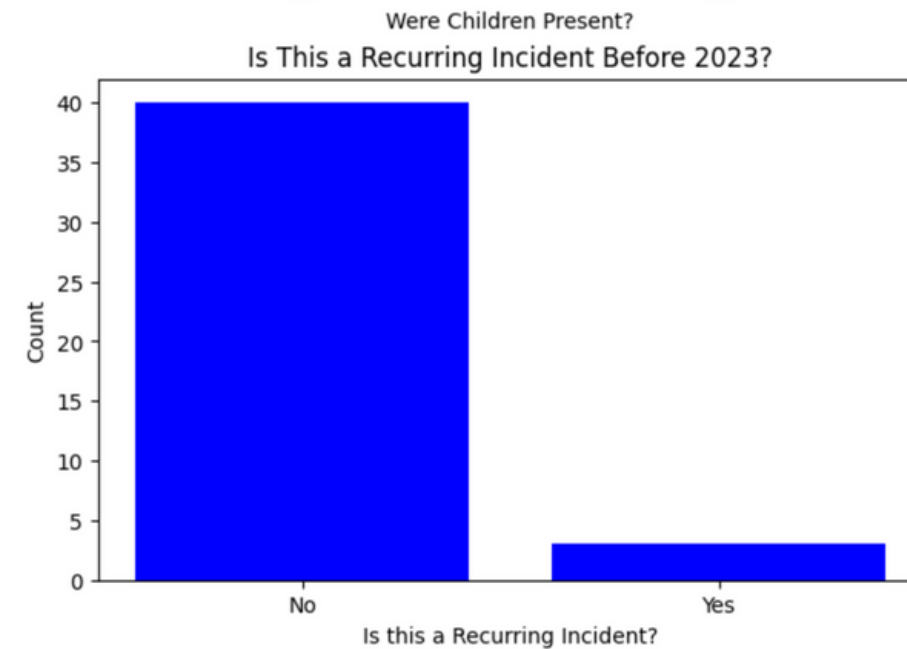
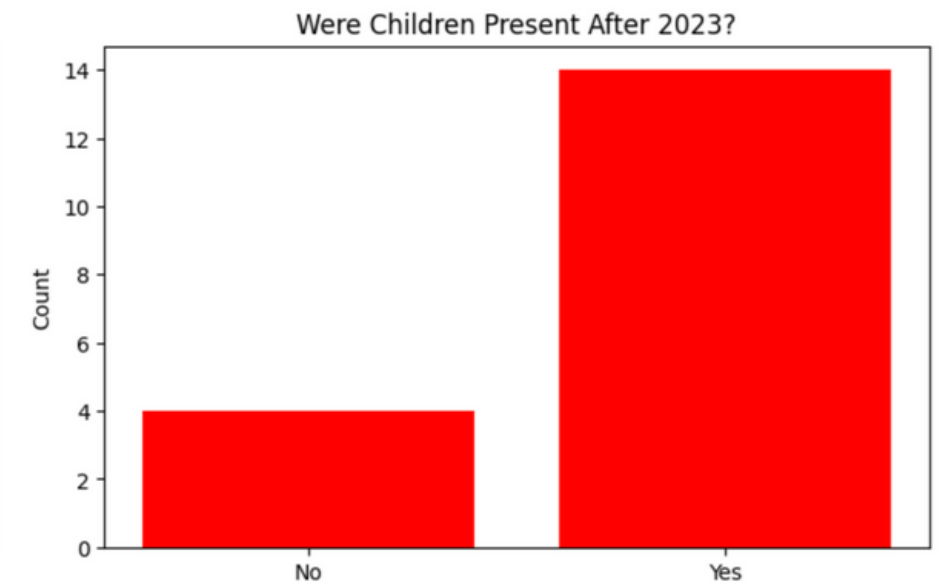
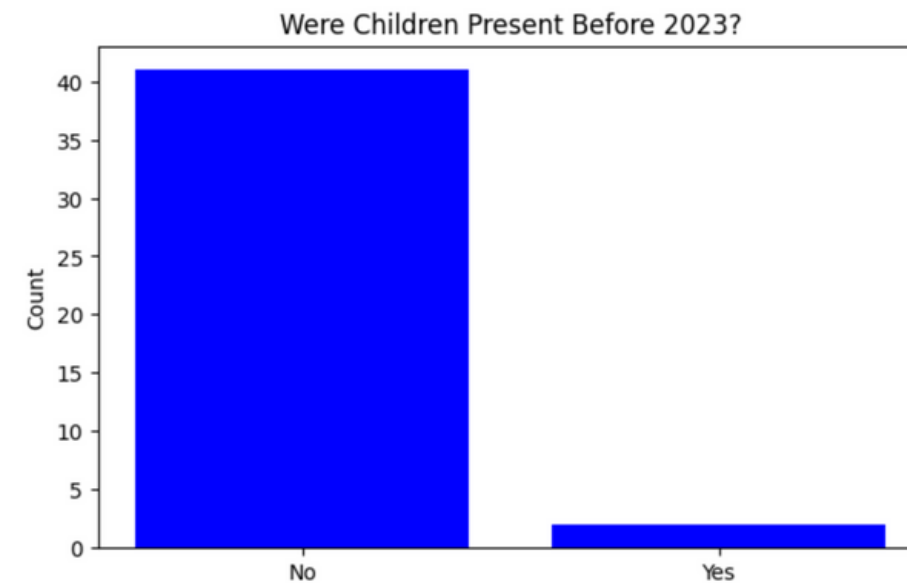
- The proportion of reports classified as Dangerous Locations and those categorized as both Near Miss and Dangerous Locations has increased



Trends in Child Presence and Recurrence in Near Miss

This slide features two sets of bar graphs comparing the presence of children and the recurrence of incidents in near-miss reports, segmented into periods before and after January 2023.

- **Children's Involvement:** The data suggests a consistent trend of low child involvement in near-miss incidents, though post Jan 2023 shows a worrisome increase.
- **Incident Recurrence:** The overall trend indicates an increase in recurring incidents



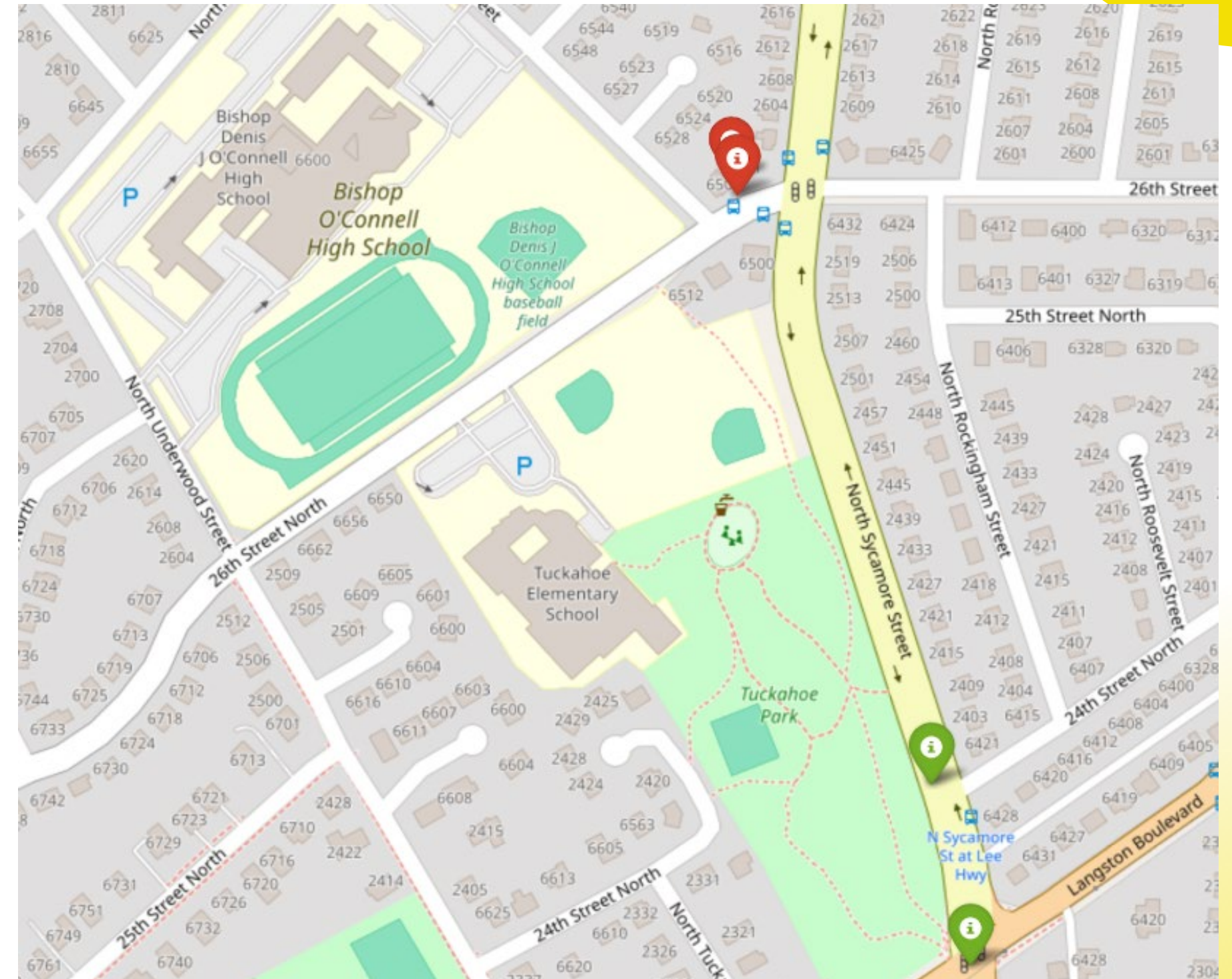
Bishop O'Connell High School

A total of 4 near-miss reports have been documented at this intersection and nearby streets.

- Type: Both Near Miss and Incident
- Were Children Present: Yes
- Is this a Recurring Incident: Yes

Incident Description:

- **Failure to Yield:** Drivers often fail to yield to pedestrians



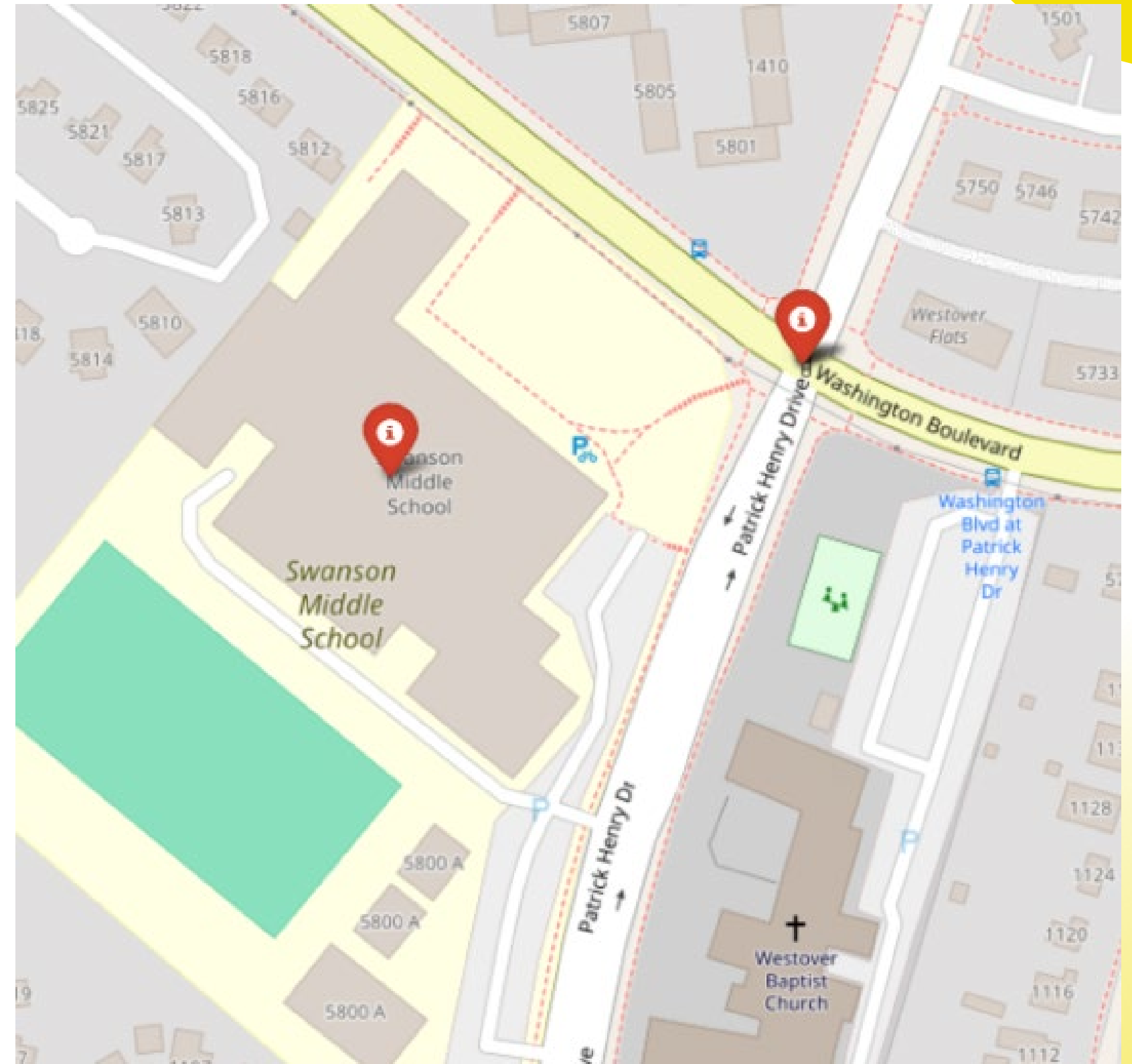
Intersection near Swanson Middle School

A total of 2 near-miss reports have been documented at this intersection and nearby streets.

- Type: Near Miss
- Were Children Present: Yes
- Is this a Recurring Incident: Yes

Incident Description:

- **Obstructions in the Path:** The reports mention obstructions in the path, which are contributing factors to the near-miss incidents in this area.



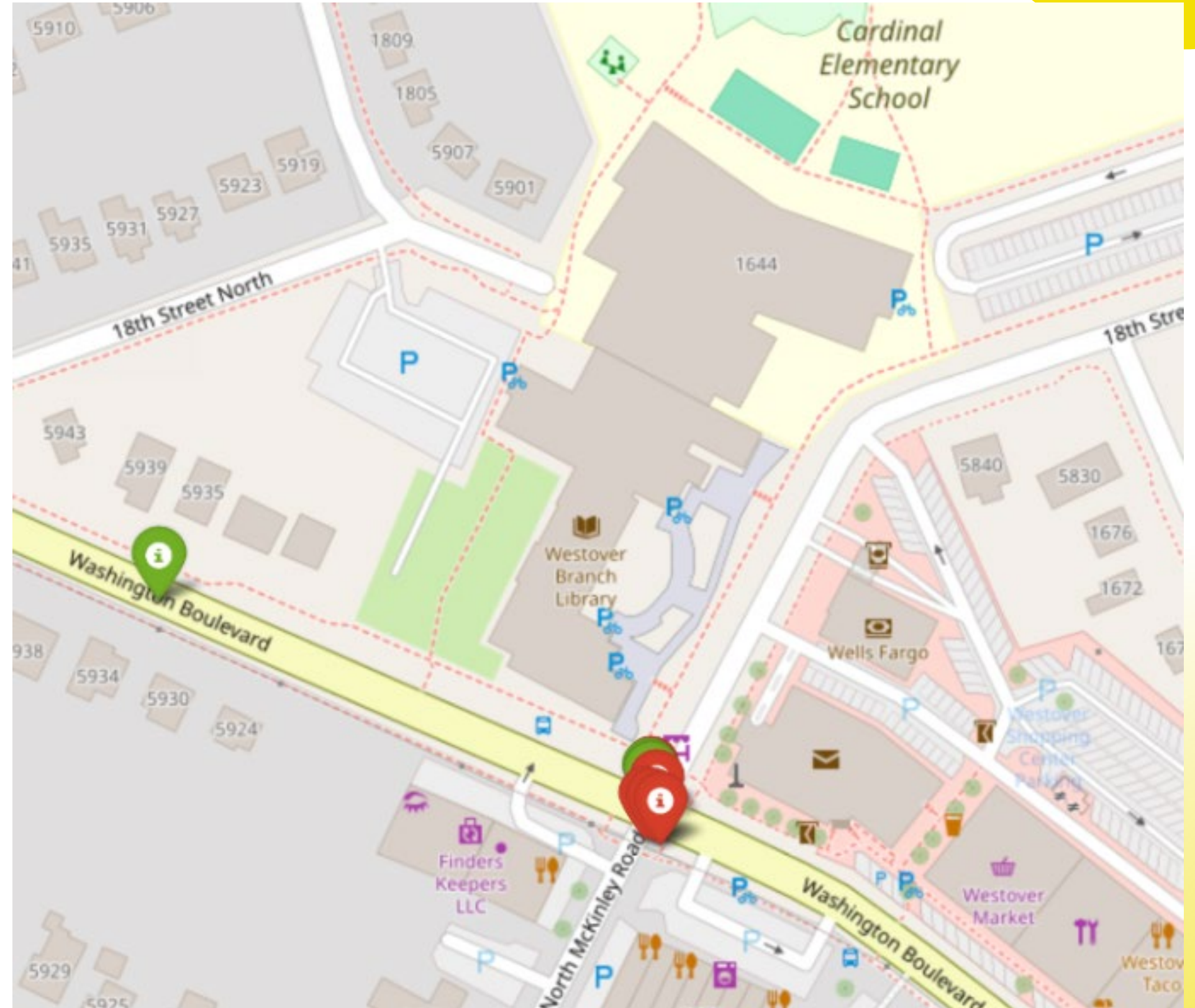
Intersection North McKinley Road and Washington Boulevard

A total of 8 near-miss reports have been documented at this intersection and nearby streets.

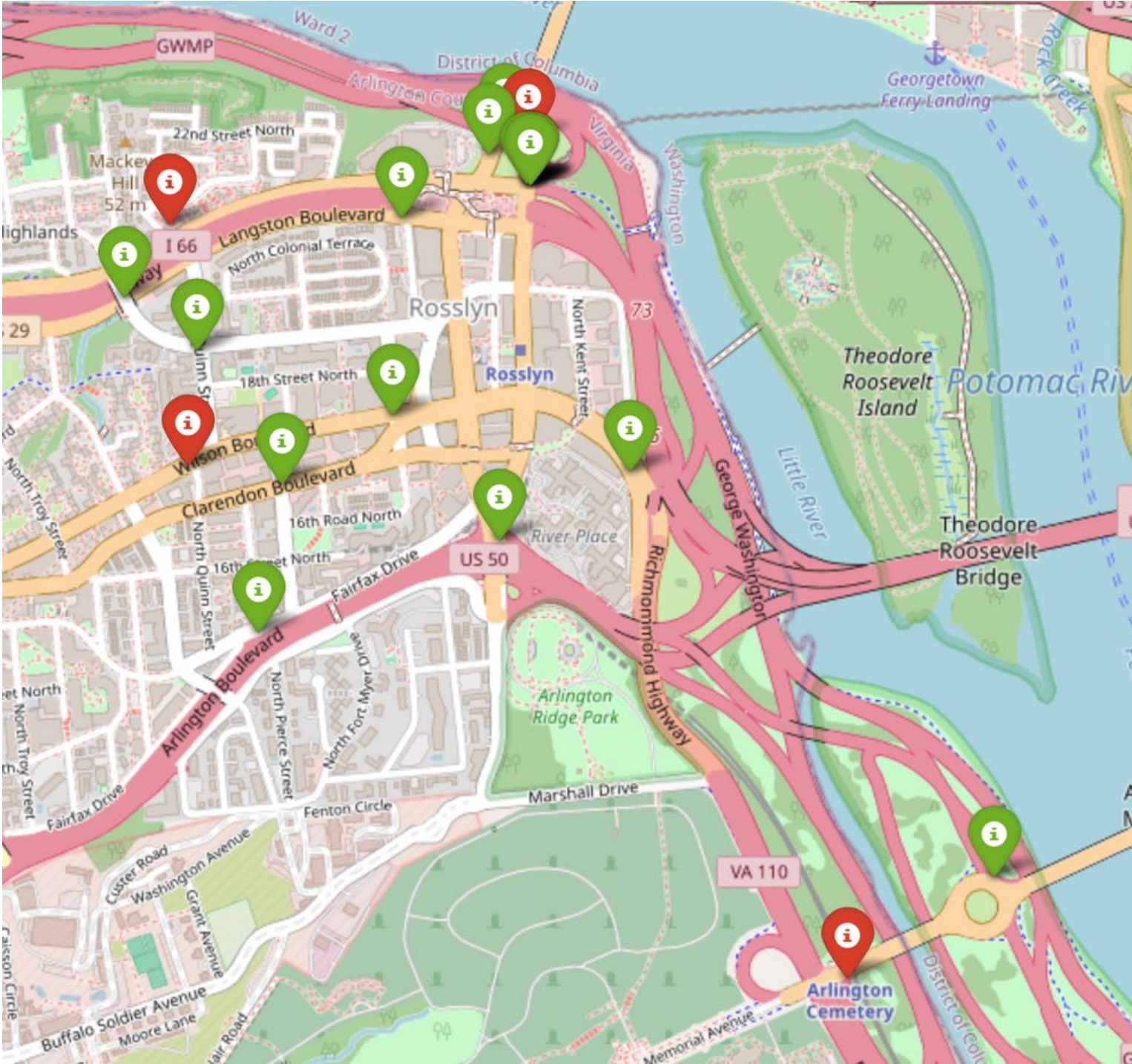
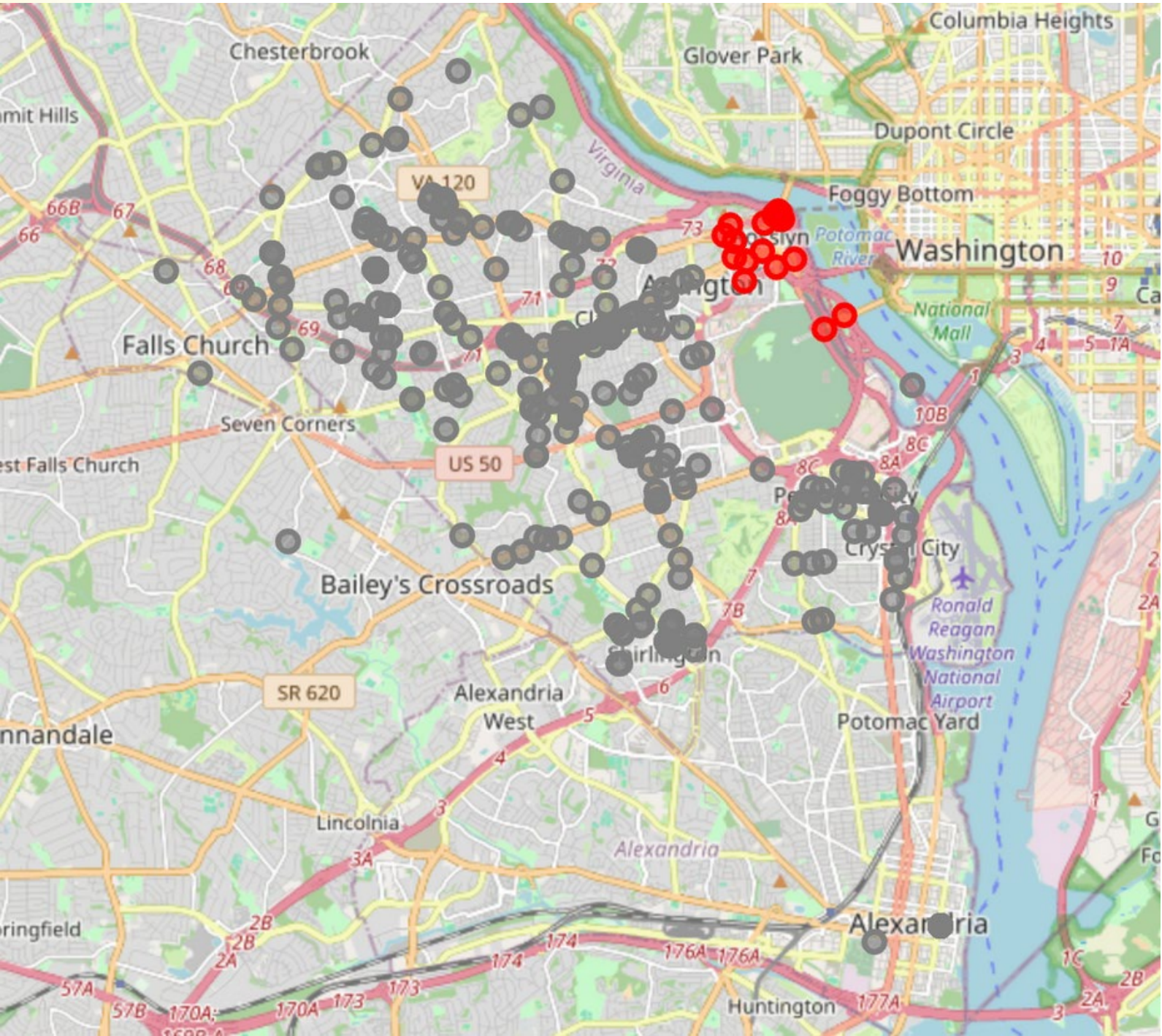
- Type: Both
- Were Children Present: Yes
- Is this a Recurring Incident: Yes

Incident Description:

- **Failure to Yield:** Drivers failing to yield to pedestrians.
- **Running Red Lights:** A significant number of incidents involve drivers running red lights.
- **Speeding:** Speeding is another contributing factor, though to a lesser extent.



Rosslyn Region Area



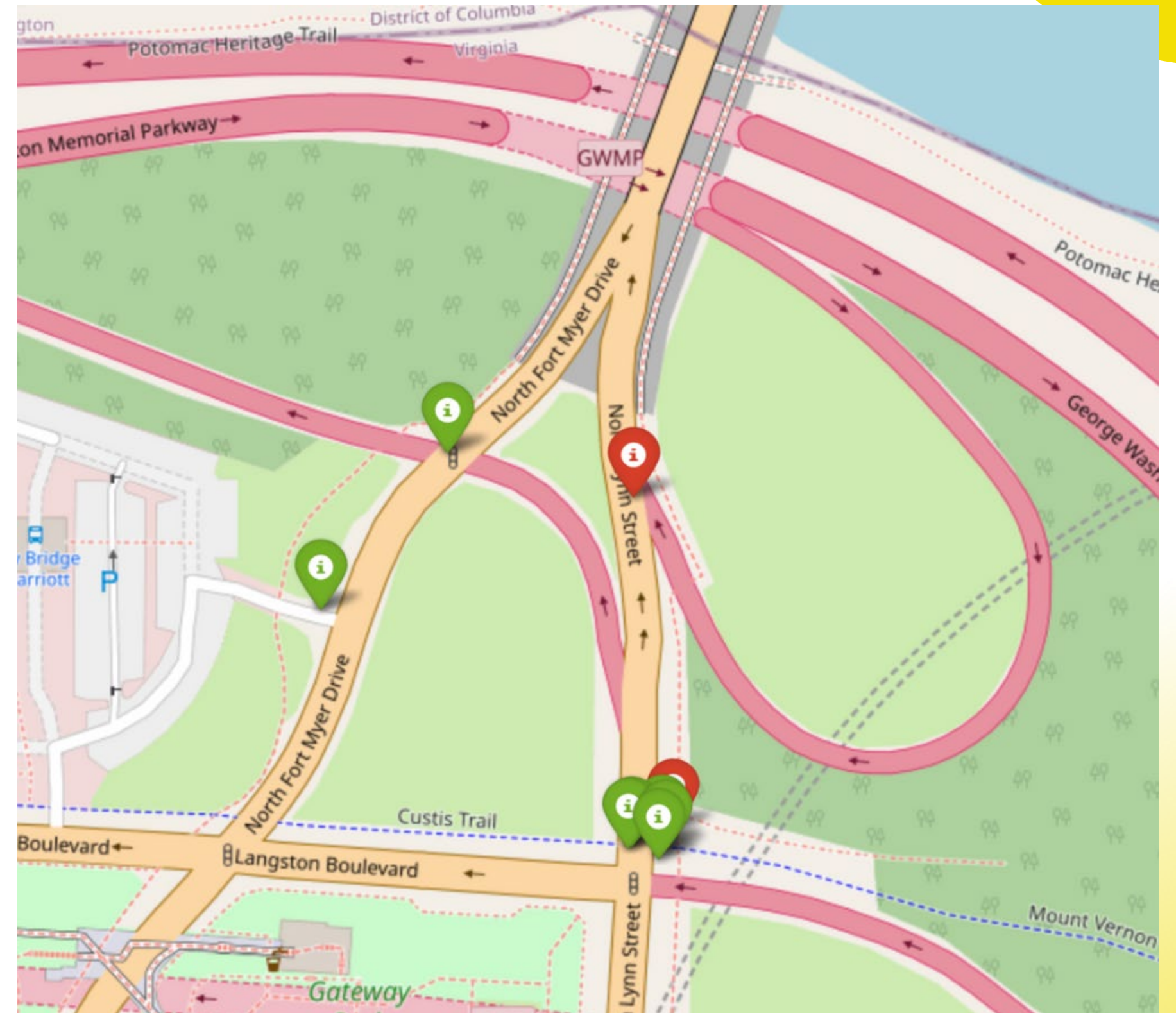
North Fort Myer Drive, North Lynn Street, and Custis Trail

A total of 8 near-miss reports have been documented at this intersection and nearby streets.

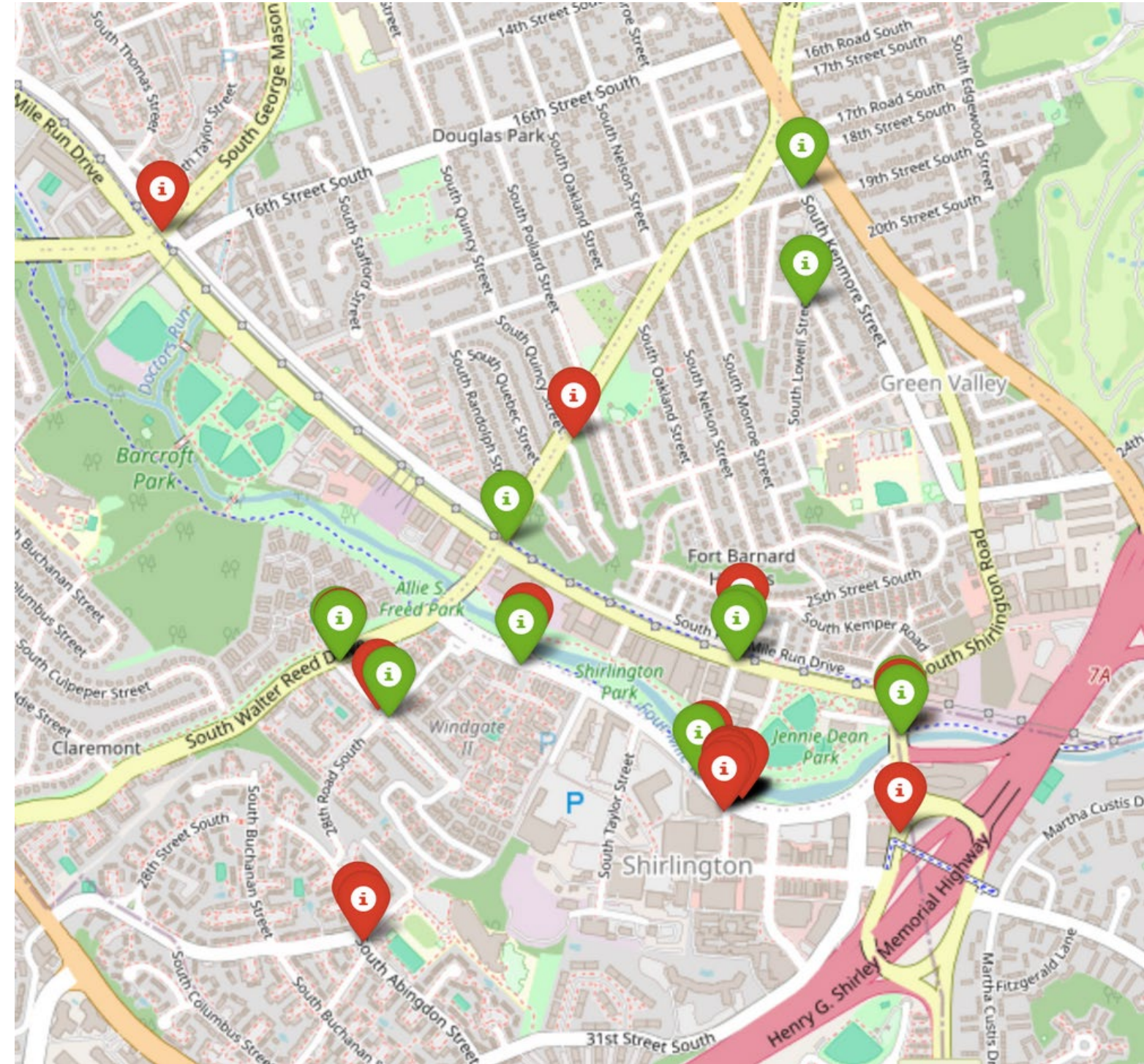
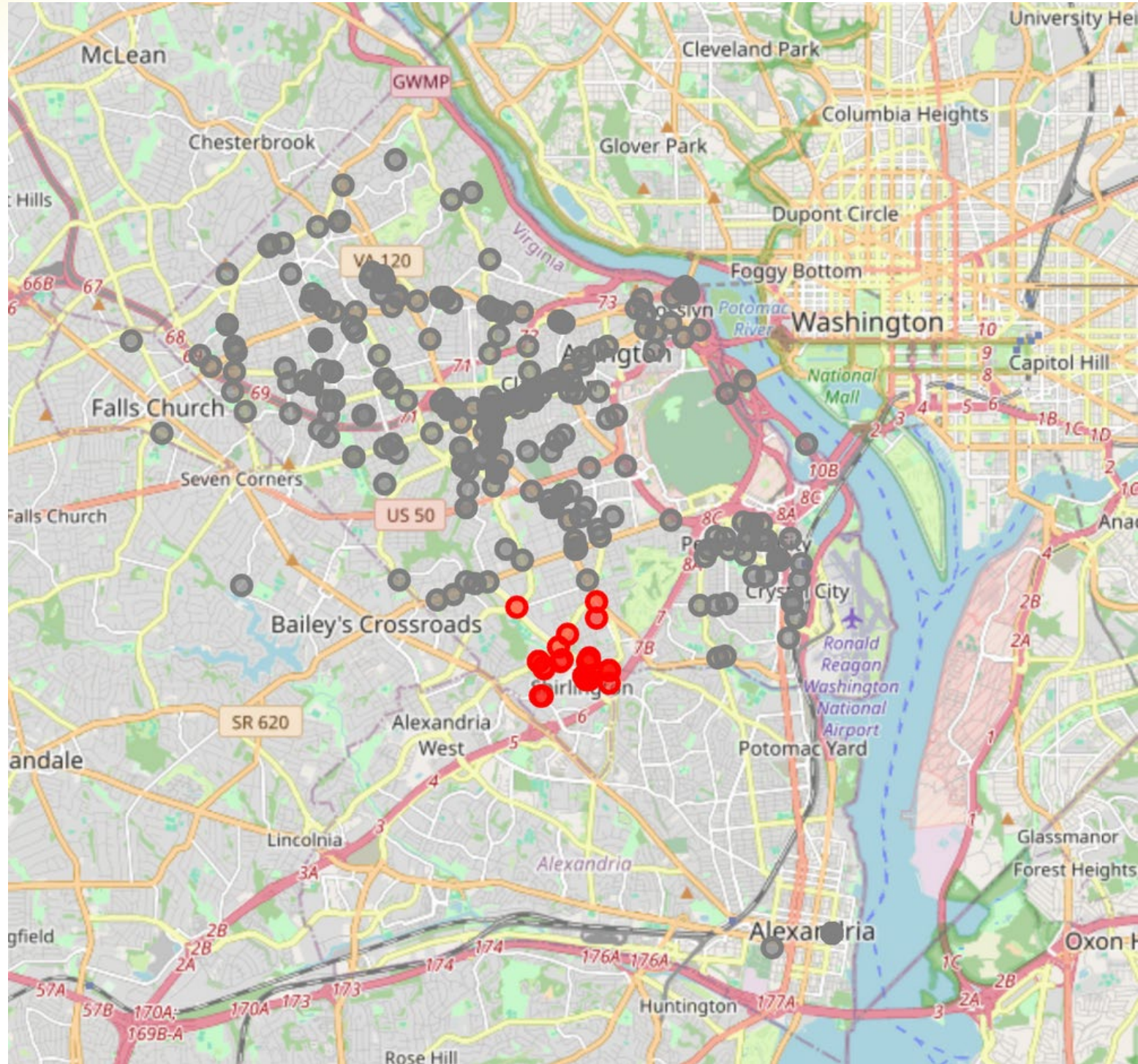
- Type: Both
- Were Children Present: Yes
- Is this a Recurring Incident: Yes

Incident Description:

- **Failure to Yield:** This is the most common cause, with 72.73% of incidents involving drivers failing to yield to cyclists or pedestrians.
- **Improper Right Turns:** 90% of incidents are due to improper right turns.



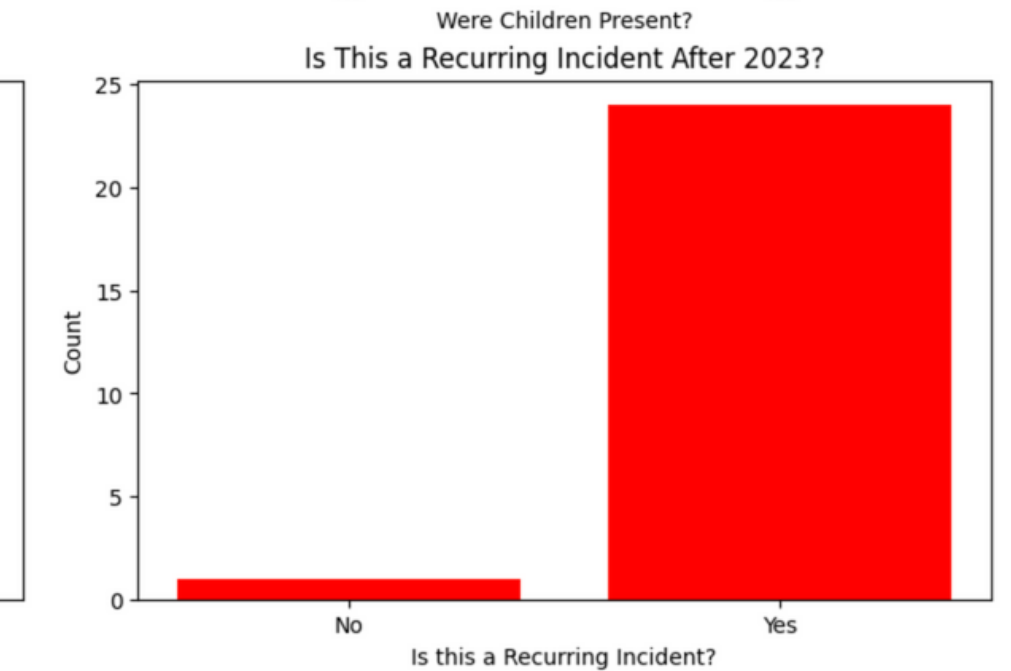
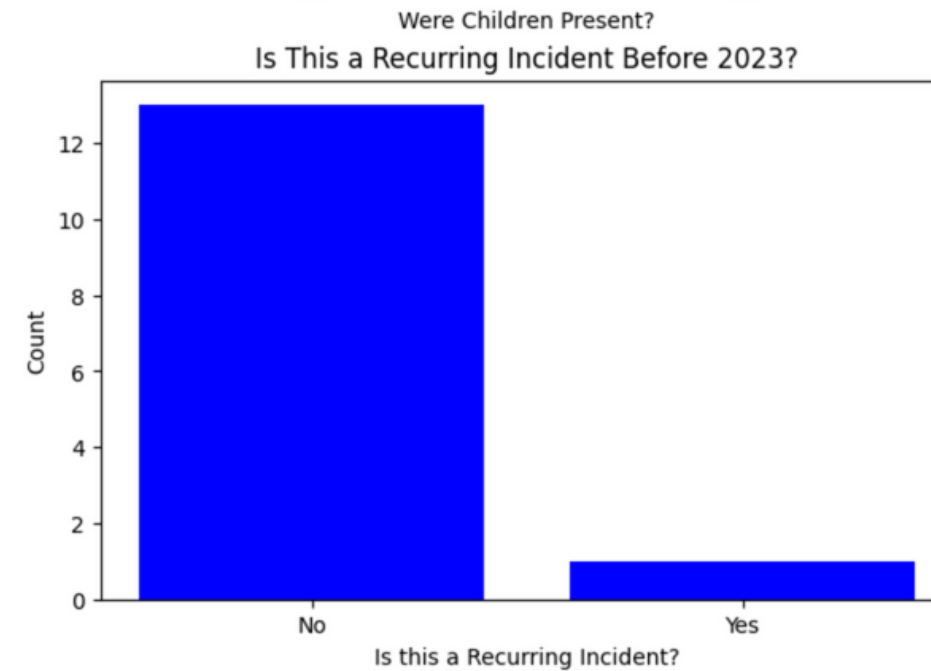
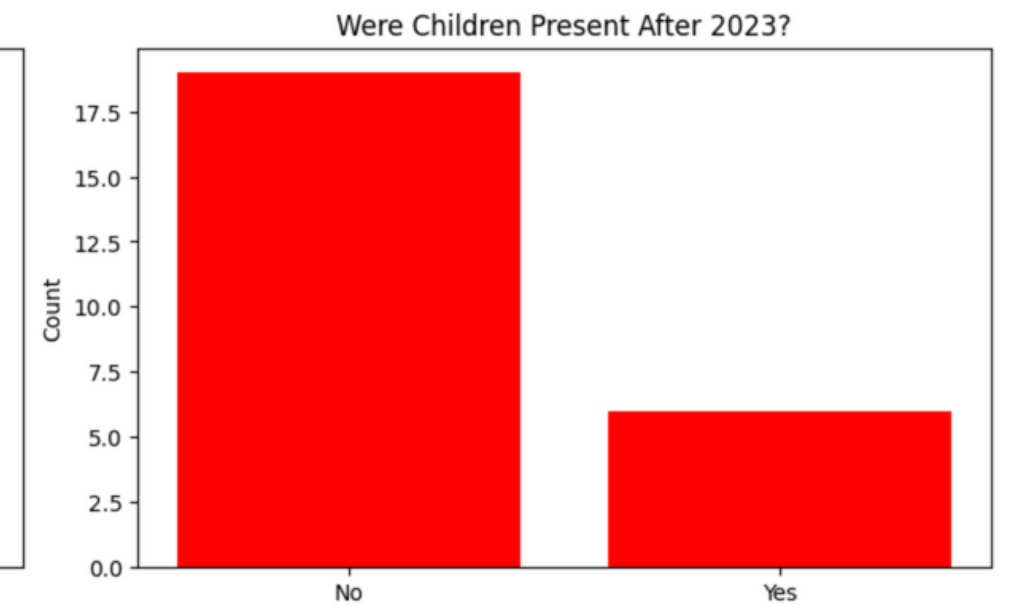
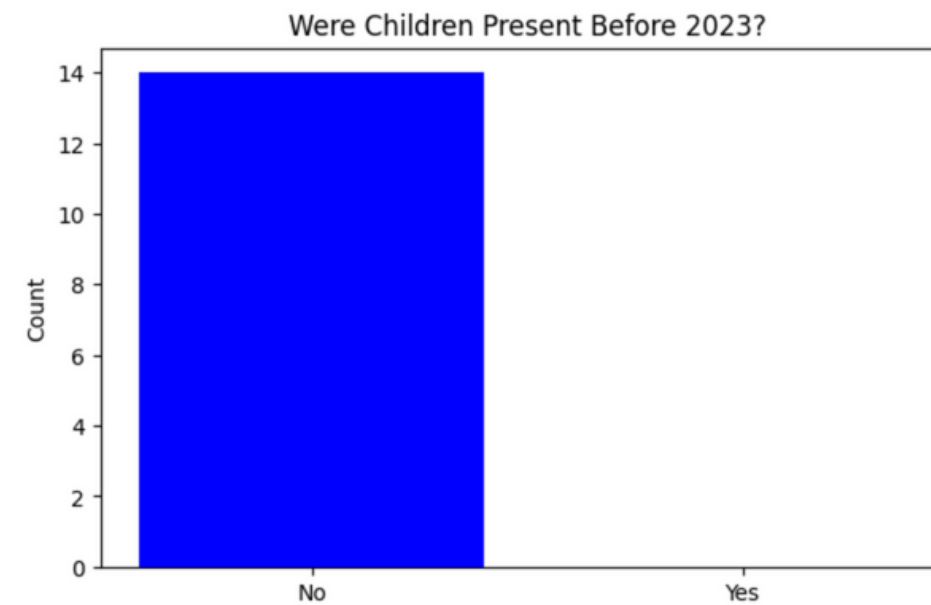
Shirlington-Fairlington Area



Trends in Child Presence and Recurrence in Near Miss

This slide features two sets of bar graphs comparing the presence of children and the recurrence of incidents in near-miss reports, segmented into periods before and after January 2023.

- **Children's Involvement:** The data suggests a consistent trend of low child involvement in near-miss incidents, though post Jan 2023 shows a disturbing increase.
- **Incident Recurrence:** The overall trend indicates a major increase in recurring incidents



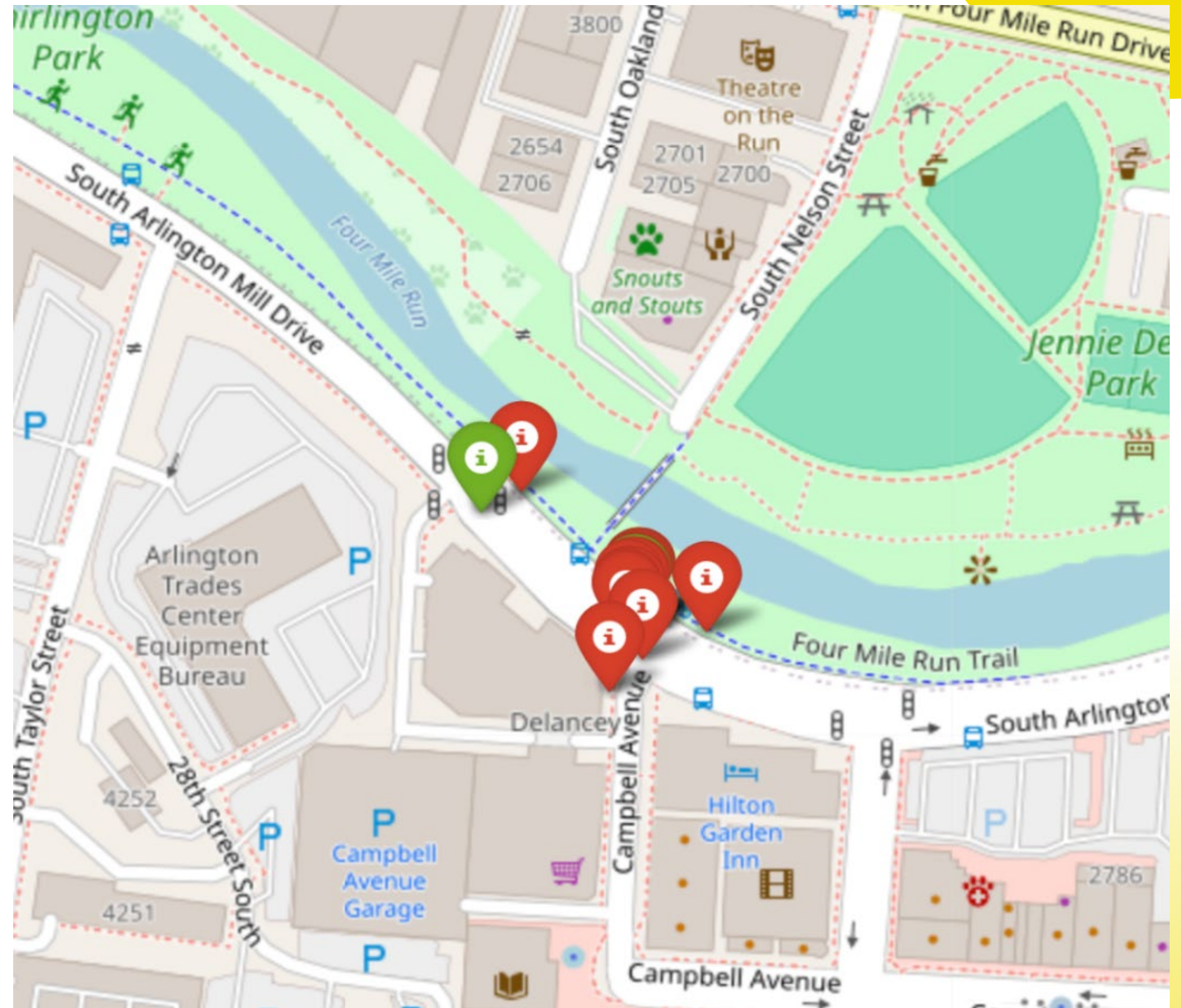
Four Mile Run Trail and South Arlington Mill Drive

More than 15 near-miss reports have been documented at this intersection and nearby streets.

- Type: Both
- Were Children Present: Yes
- Is this a Recurring Incident: Yes

Incident Description:

- **Failure to Yield:** The most common cause, present in 91% of incidents.
- **Speeding:** A significant factor in 41% of cases.
- **Poor visibility:** the absence of stop signs and poor visibility are prevalent, each contributing to 50% of the incidents.



Insight: Enforcement & Infrastructure Issues



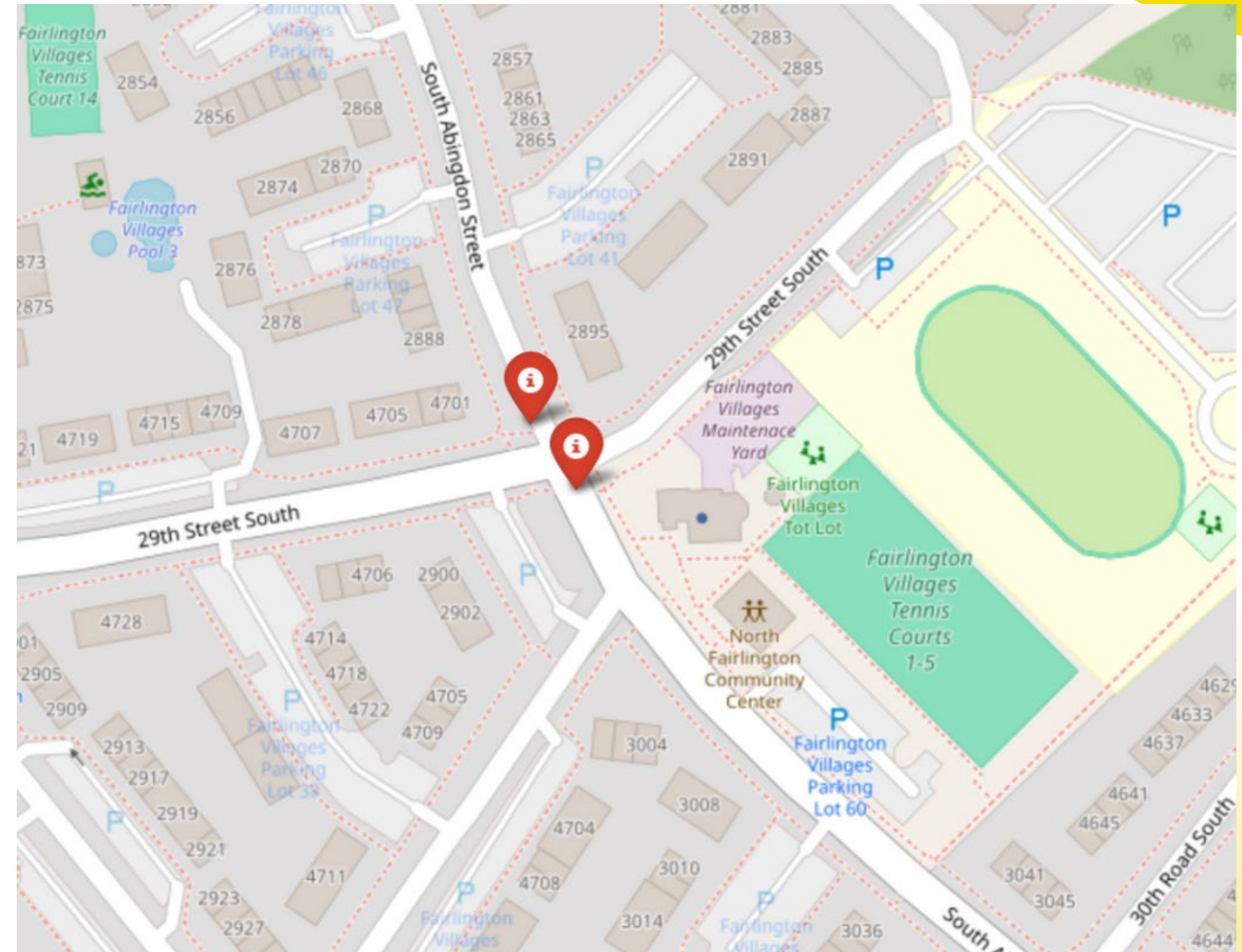
South Abingdon Street

More than 2 near-miss reports have been documented at this intersection and nearby streets since Jan 2023 and several prior.

- Type: Near Miss
- Were Children Present: Yes
- Is this a Recurring Incident: Yes

Incident Description:

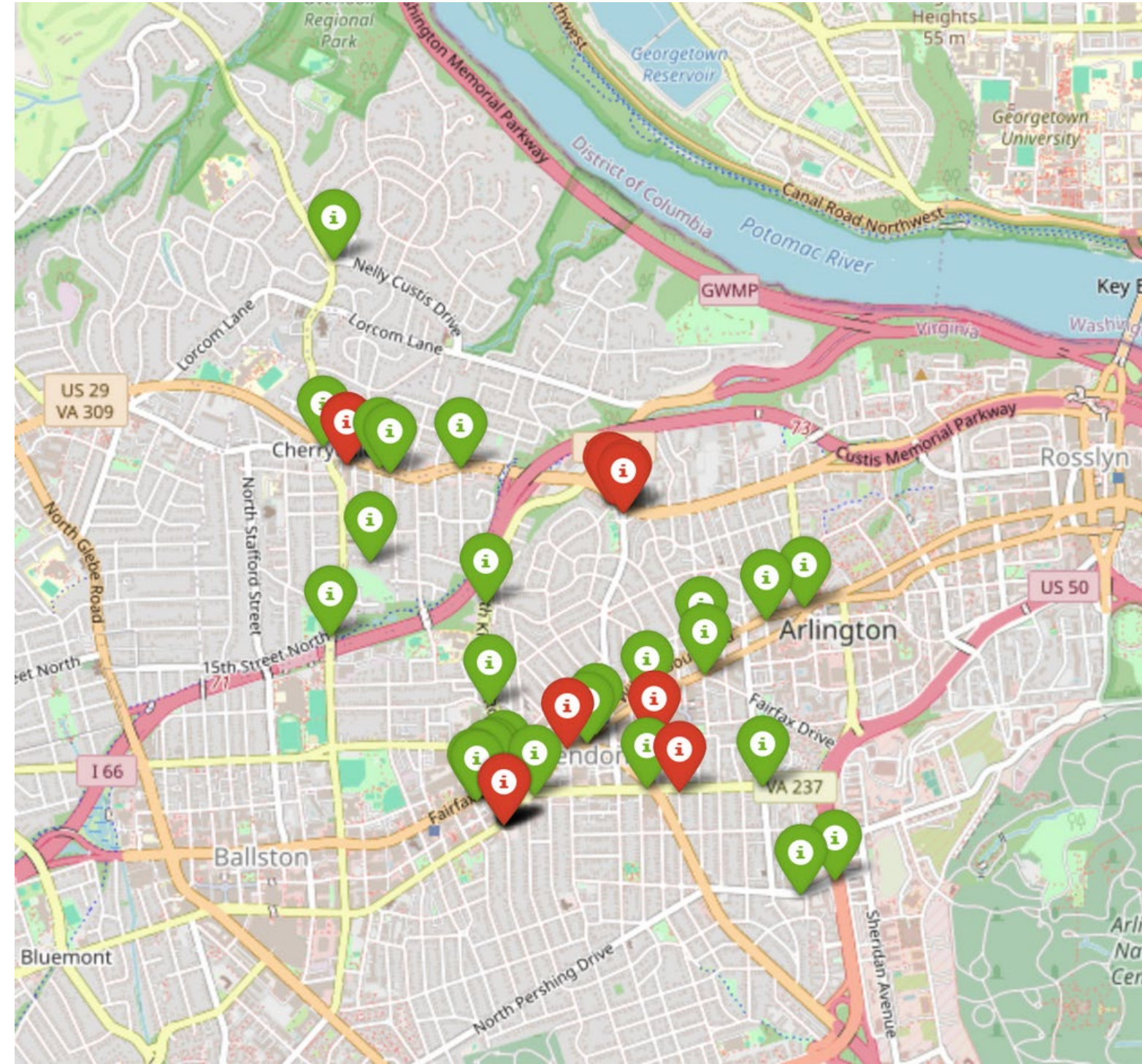
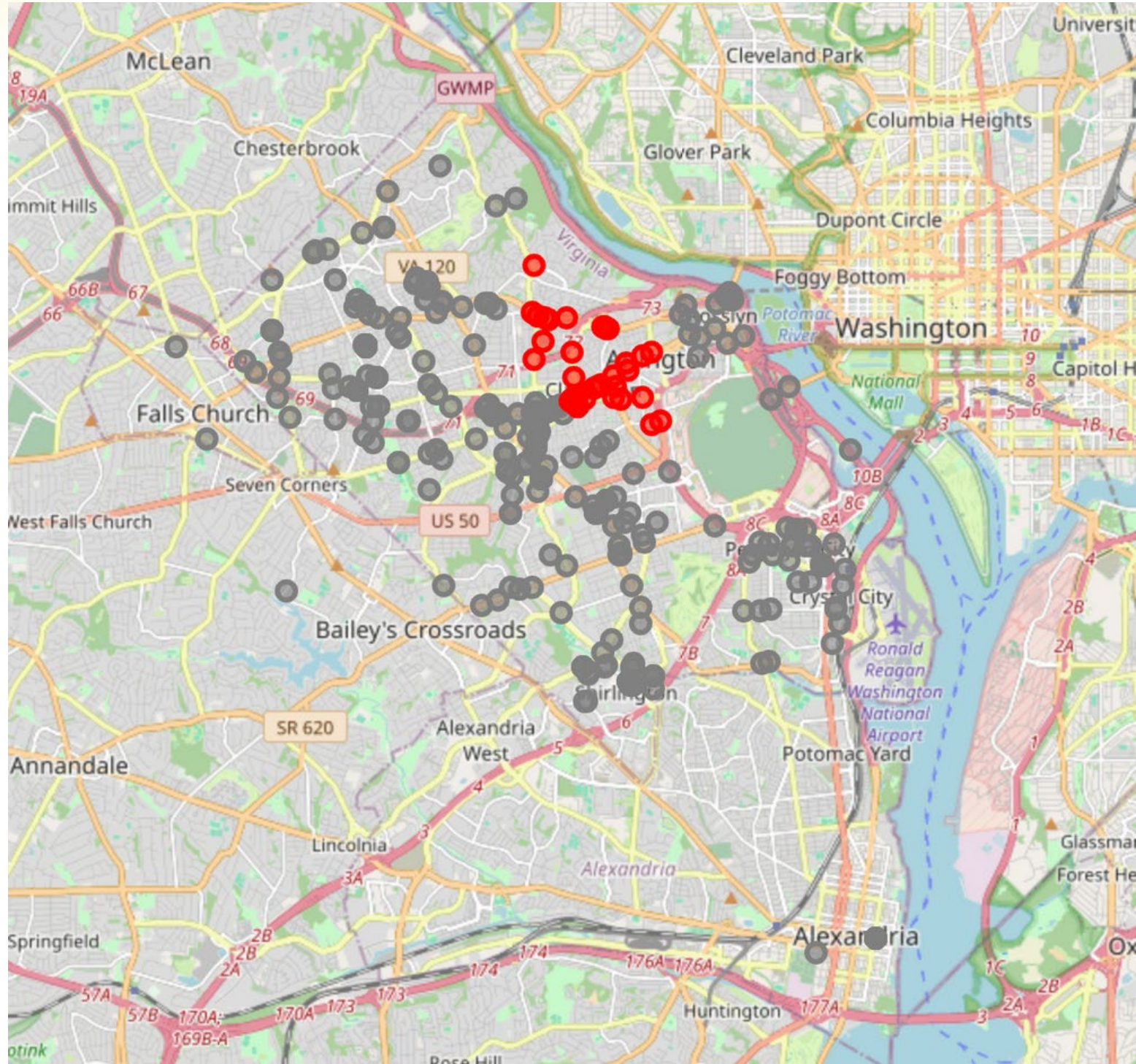
- **Failure to Yield:** The most common cause, present in incidents.
- **Poor Visibility:** Contributes to 50% of the incidents, often due to parked cars obstructing the view.
- **Absence of Stop Signs or Signals:** Accounts for 30% of the incidents, indicating a need for better traffic control measures.



Insight: Enforcement & Infrastructure issues



Clarendon - Cherrydale Area



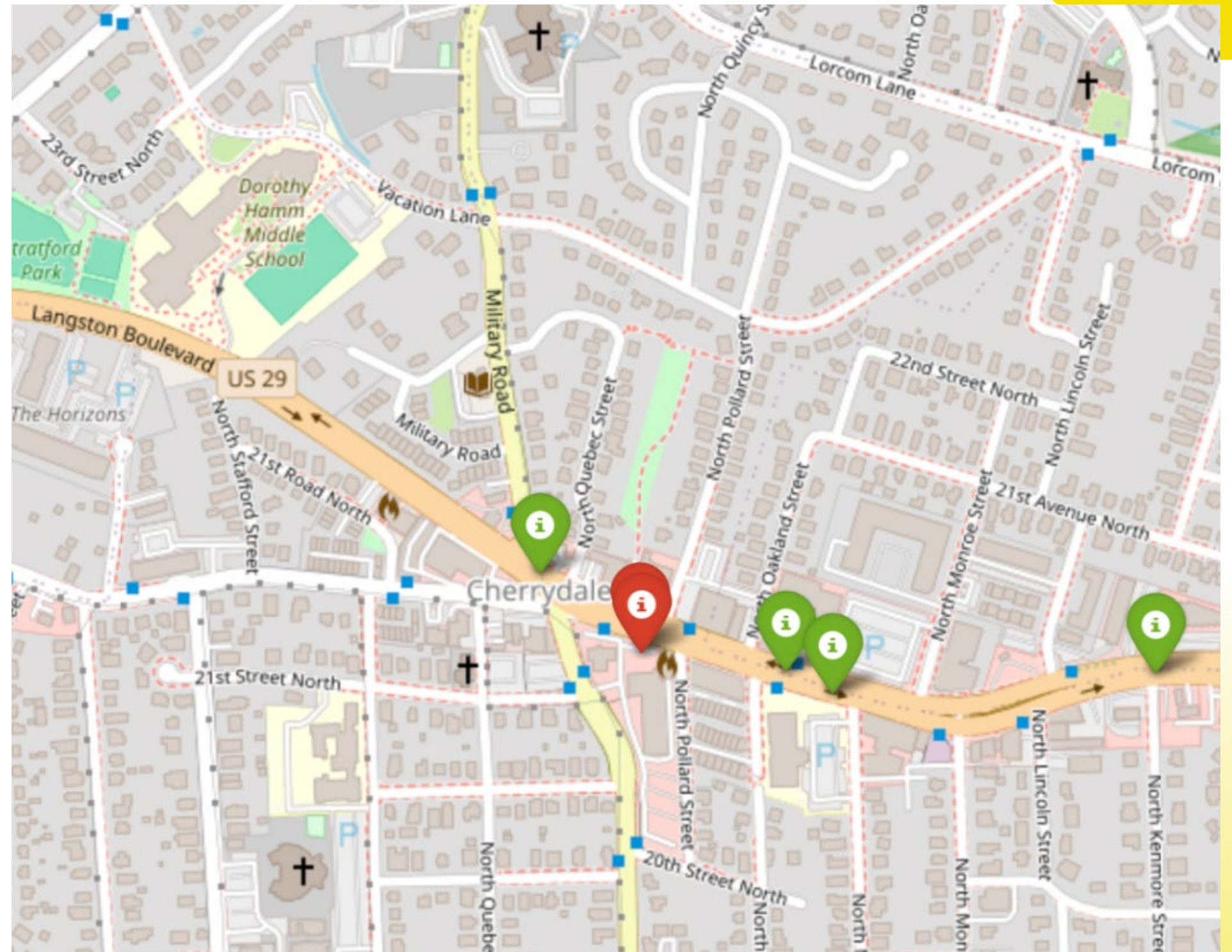
Langston Boulevard & Military Road

6 near-miss reports have been documented at this intersection and nearby streets.

- Type: Both
- Were Children Present: Yes
- Is this a Recurring Incident: Yes

Incident Description:

- **Failure to Yield:** The most common cause, present in incidents.
- **Insufficient Signal Timing:** There were recurring complaints about insufficient pedestrian signal timing
- **Visibility and Obstructions:** Poor visibility and obstructions in the path were occasionally mentioned as contributing factors, although less frequently than driver behaviors.



Insight: Enforcement issue & Infrastructure problem

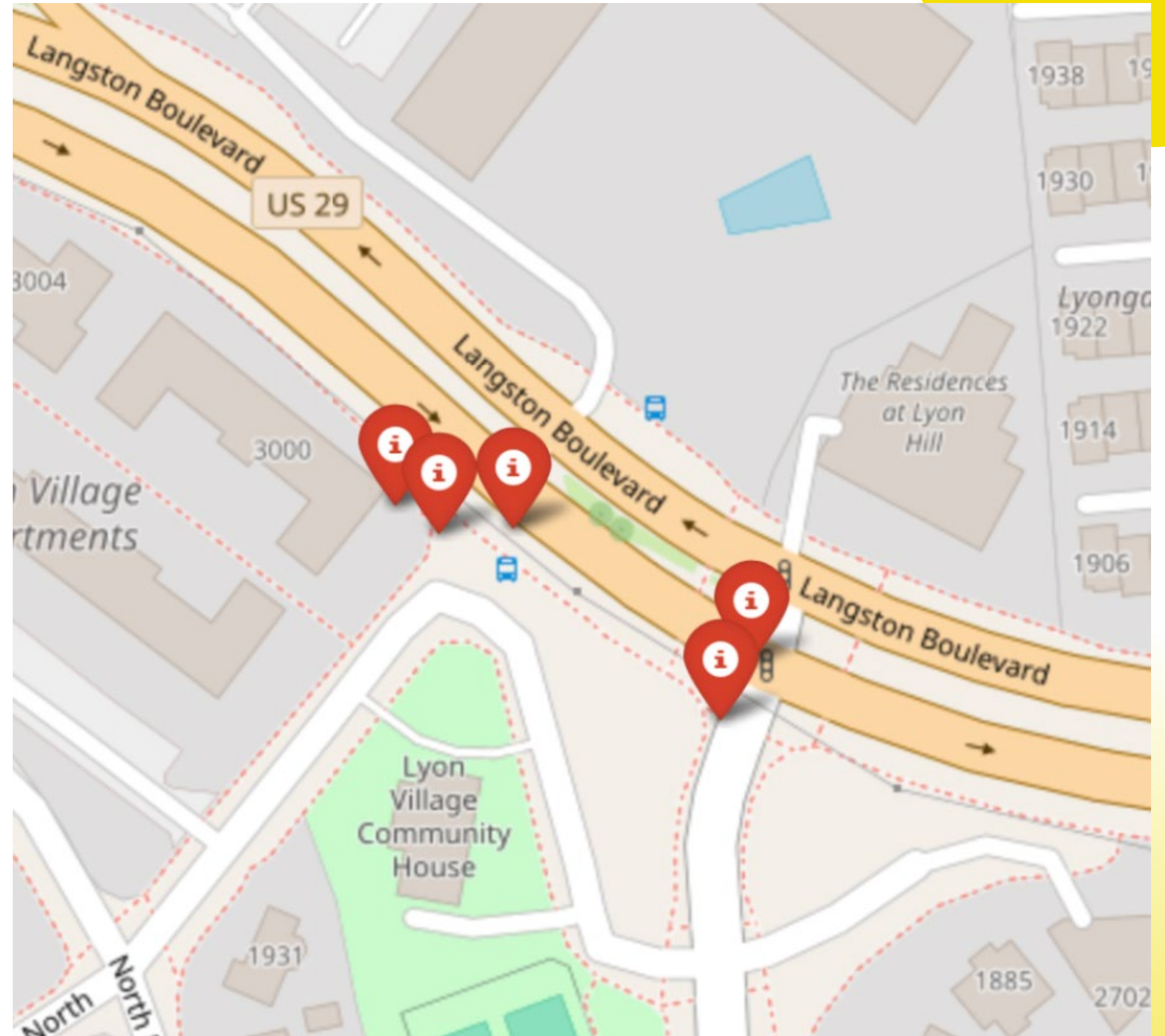
20th Street North

5 near-miss reports have been documented at this intersection and nearby streets.

- Type: Near Miss
- Were Children Present: No
- Is this a Recurring Incident: Yes

Incident Description:

- **Failure to Yield:** The most common cause, present in incidents.



Wilson Boulevard and N. Kenmore

3 near-miss reports have been documented at this intersection and nearby streets.

- Type: Near Miss
- Were Children Present: No
- Is this a Recurring Incident: Yes

Incident Description:

- **Failure to Yield:** The most common cause, present in incidents.
- **Ignoring Crosswalk Signals:** Drivers ignore crosswalk signals such as blinking lights.

