

Calgary



# John Laurie Boulevard NW: 19 St – Brisebois Dr

## Traffic Control Revisions







Daily Traffic: 42,000 veh/day  
Speed Limit: 70 km/h

Brisebois Drive NW

3

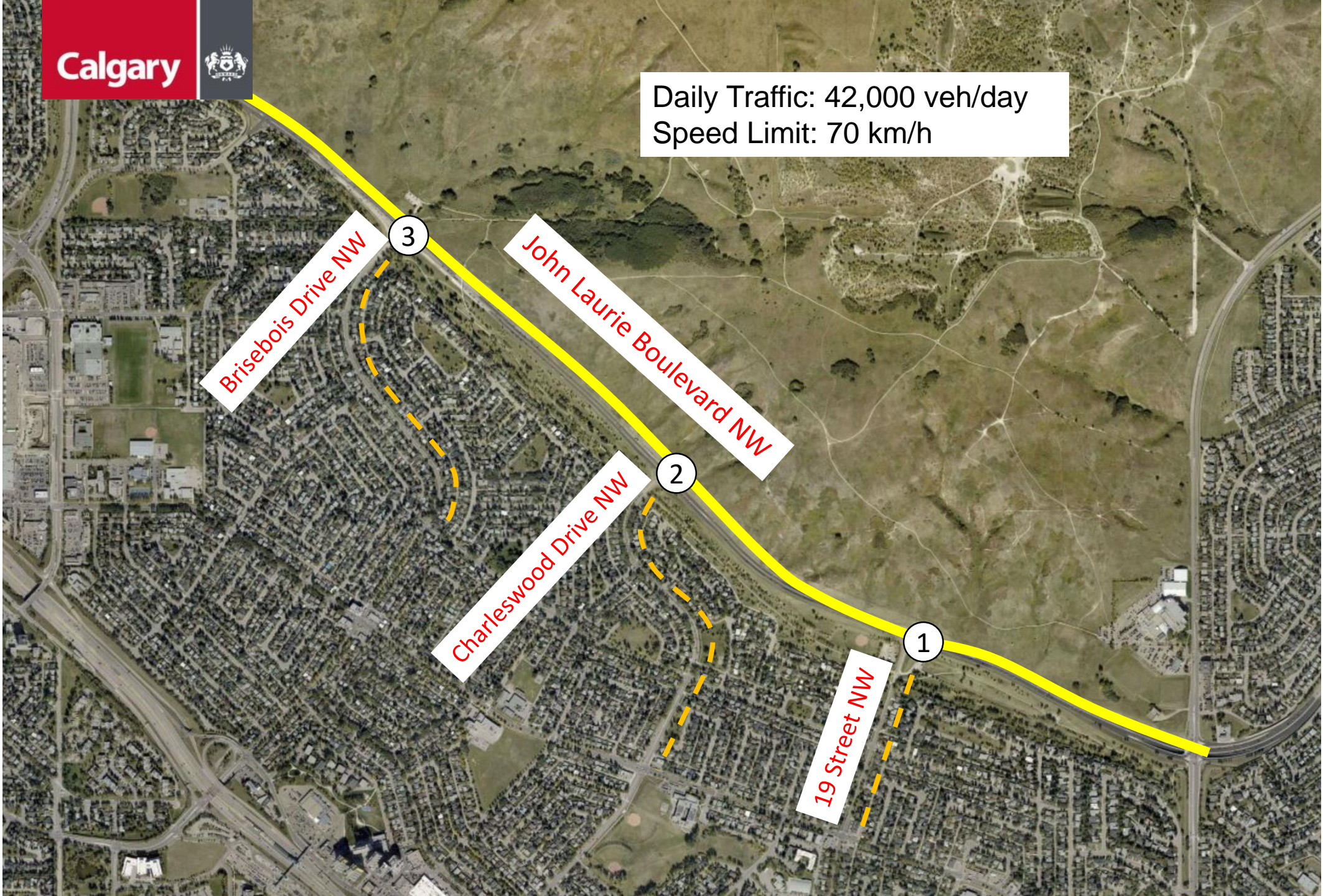
John Laurie Boulevard NW

2

Charleswood Drive NW

1

19 Street NW



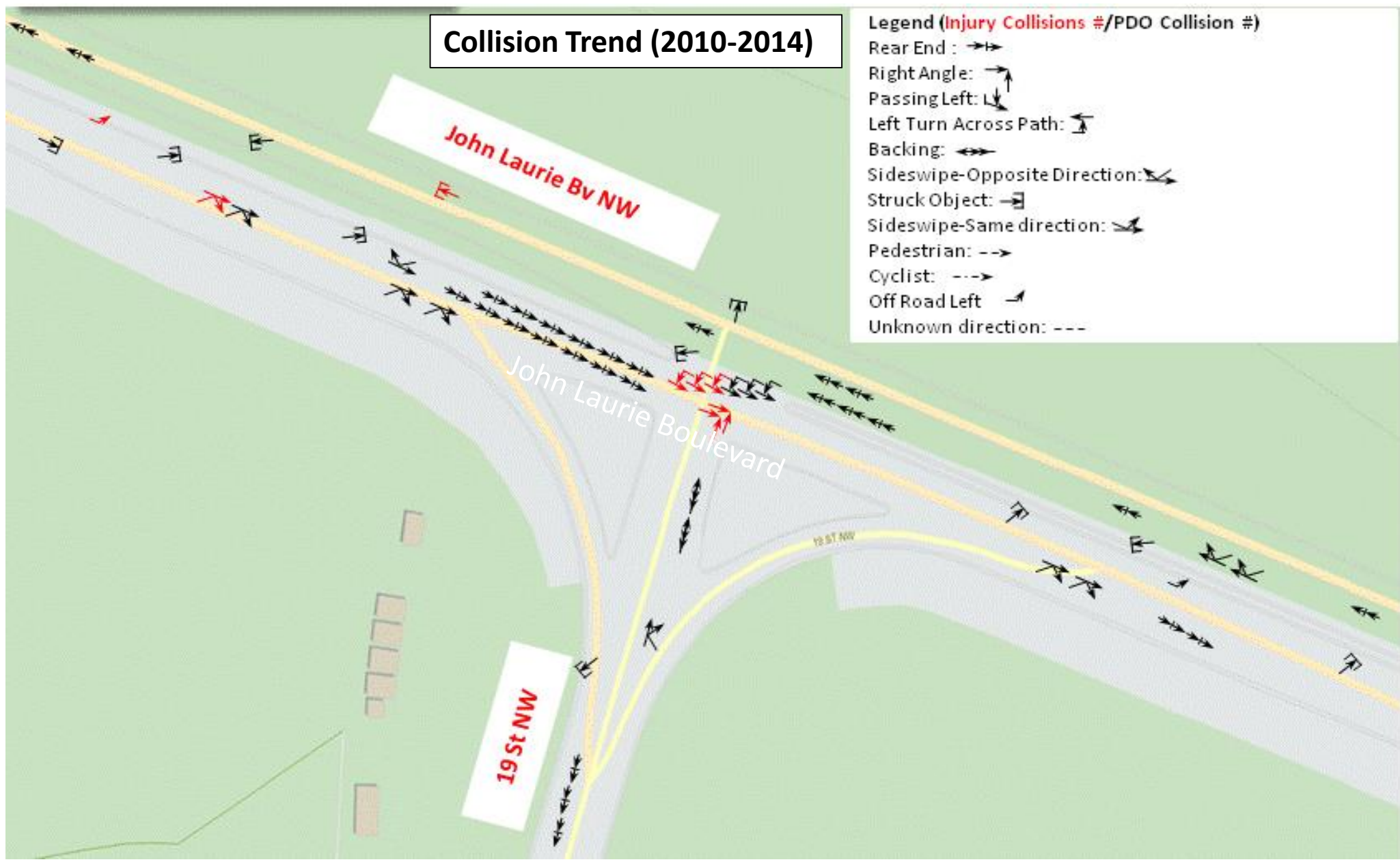




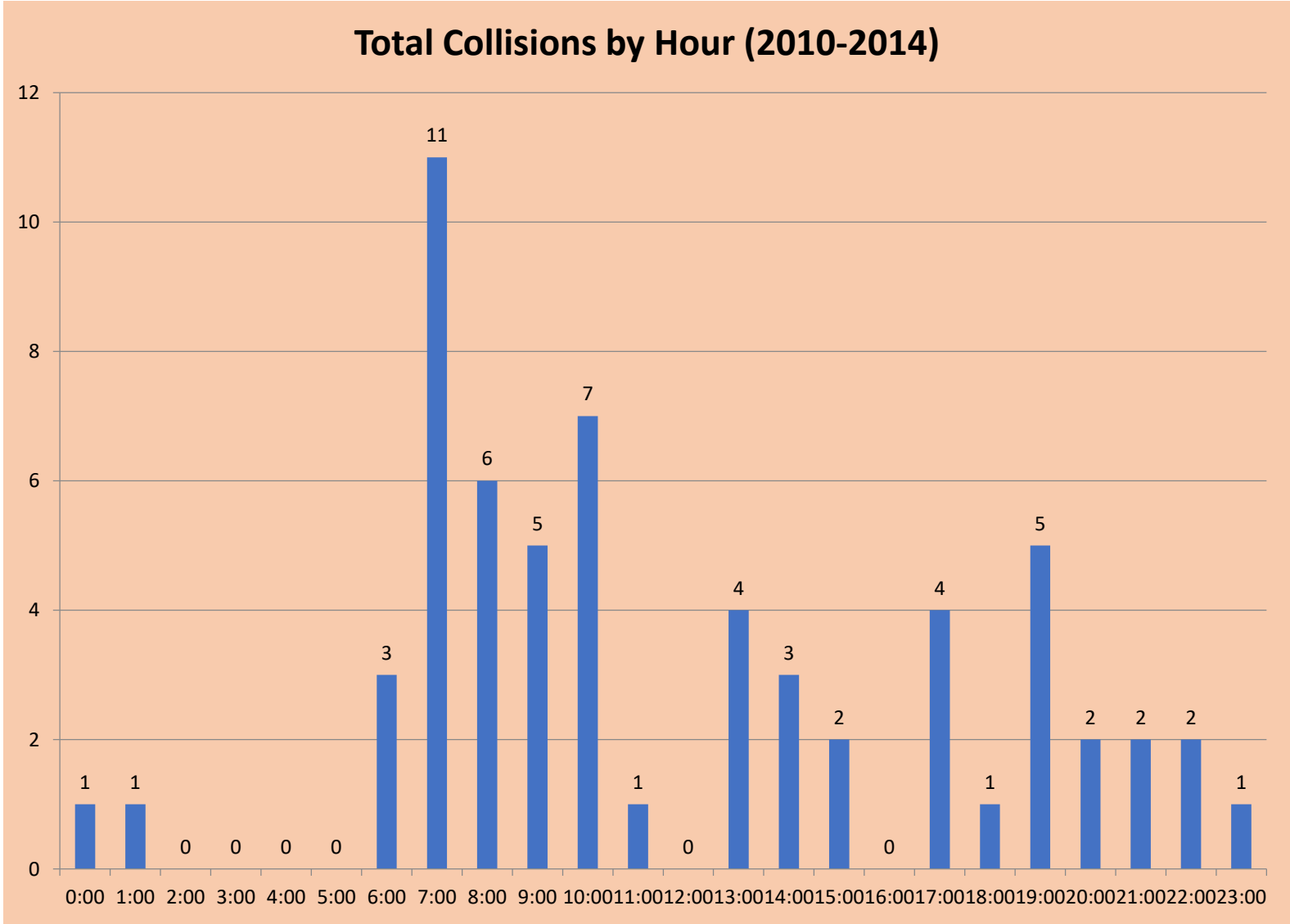
### Collision Trend (2010-2014)

Legend (Injury Collisions #/PDO Collision #)

- Rear End : →→
- Right Angle: ↗↘
- Passing Left: ↙↘
- Left Turn Across Path: ↙↘
- Backing: ↔↔
- Sideswipe-Opposite Direction: ↗↘
- Struck Object: →☐
- Sideswipe-Same direction: ↗↗
- Pedestrian: →→
- Cyclist: →→
- Off Road Left ↙↘
- Unknown direction: ---



# John Laurie Bv & 19 St NW





Collision Diagram: John Laurie BV NW & 19 ST NW (2015-2018)



Note: 1 Other/Specify injury collision not shown in diagram



**Legend (Casualty Collisions/PDO Collisions)**

Side Swipe – Opposite Direction:	Right Angle:	Rear End:
Left Turn – Across Path:	Head On:	Struck Object:
Side Swipe – Same Direction:	Off Road – Right:	



JLB/19 St NW: Total collisions (2010-2021)



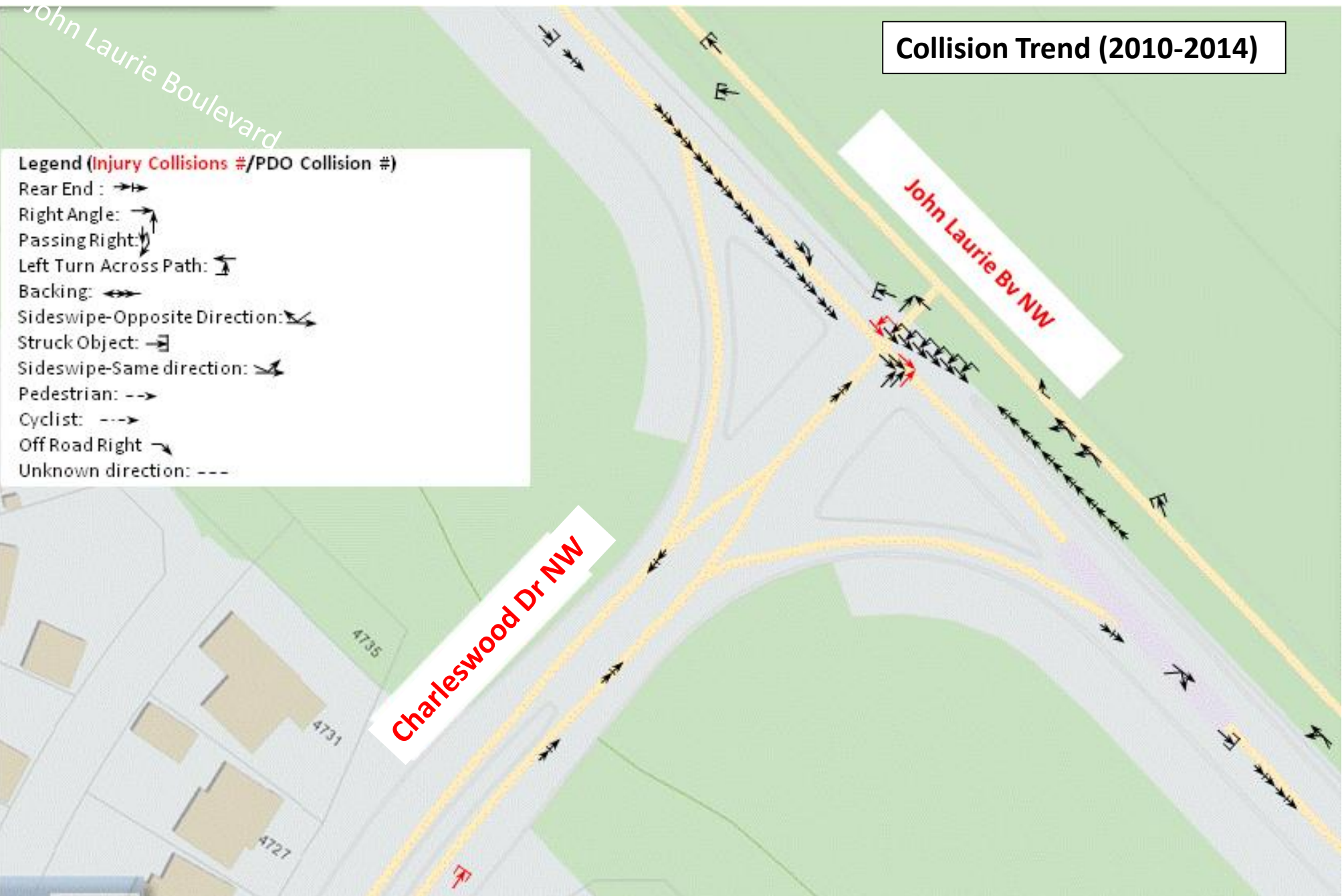
**Collisions since 2015:**

- Injury: 10 (11%); City average: 10%
- Property Damage Only: 82
- Total: 92





Collision Trend (2010-2014)



**Legend (Injury Collisions #/PDO Collision #)**

- Rear End : →→
- Right Angle: →↗
- Passing Right: ↘↖
- Left Turn Across Path: ↙↗
- Backing: ←←
- Sideswipe-Opposite Direction: ↘↙
- Struck Object: →■
- Sideswipe-Same direction: →↘
- Pedestrian: --→
- Cyclist: ---→
- Off Road Right: ↘---
- Unknown direction: ---

Charleswood Dr NW

John Laurie Bv NW

John Laurie Boulevard

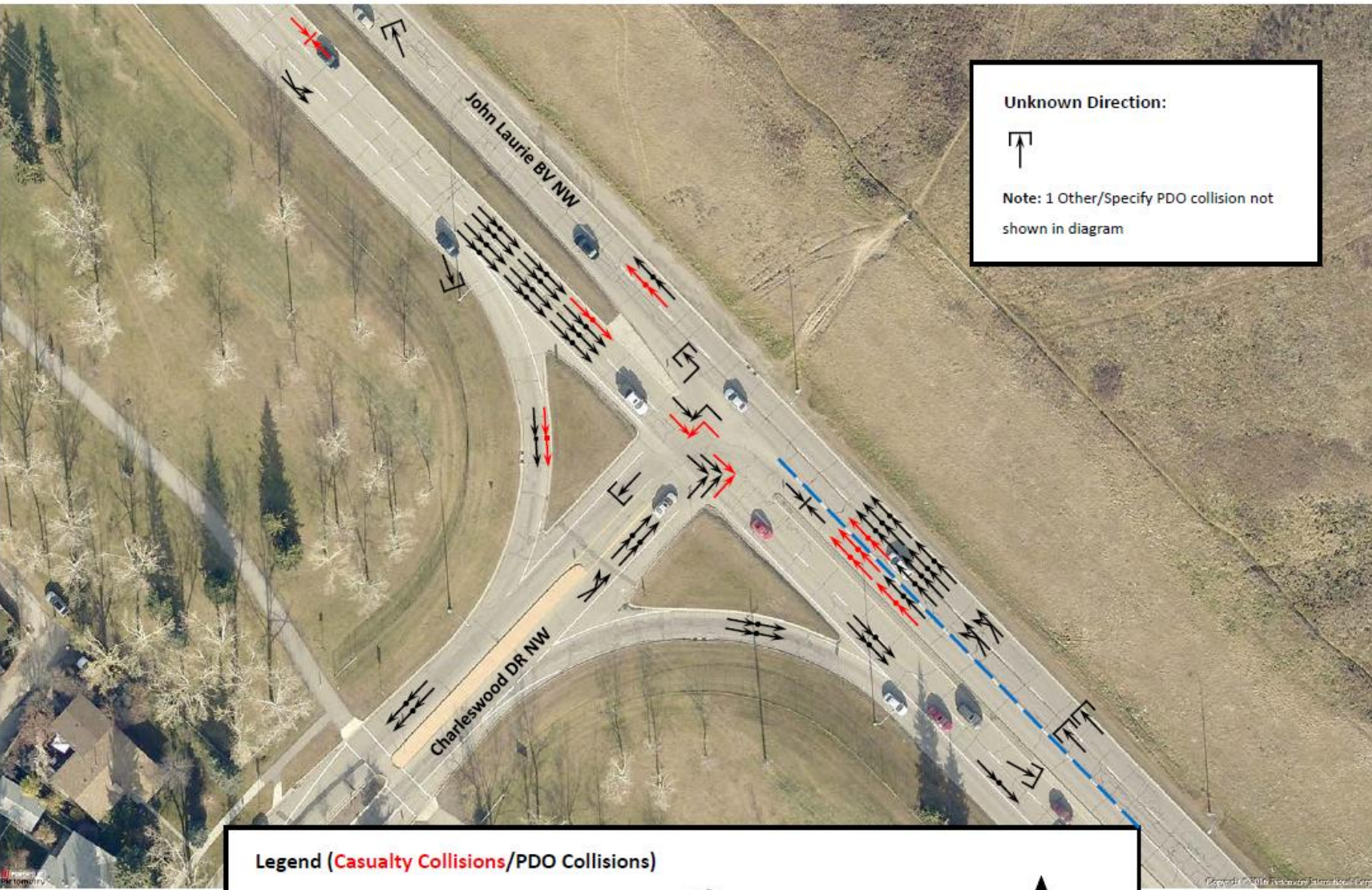
4735

4731


4727



### Collision Diagram: John Laurie BV NW & Charleswood DR NW (2015-2018)










**Unknown Direction:**



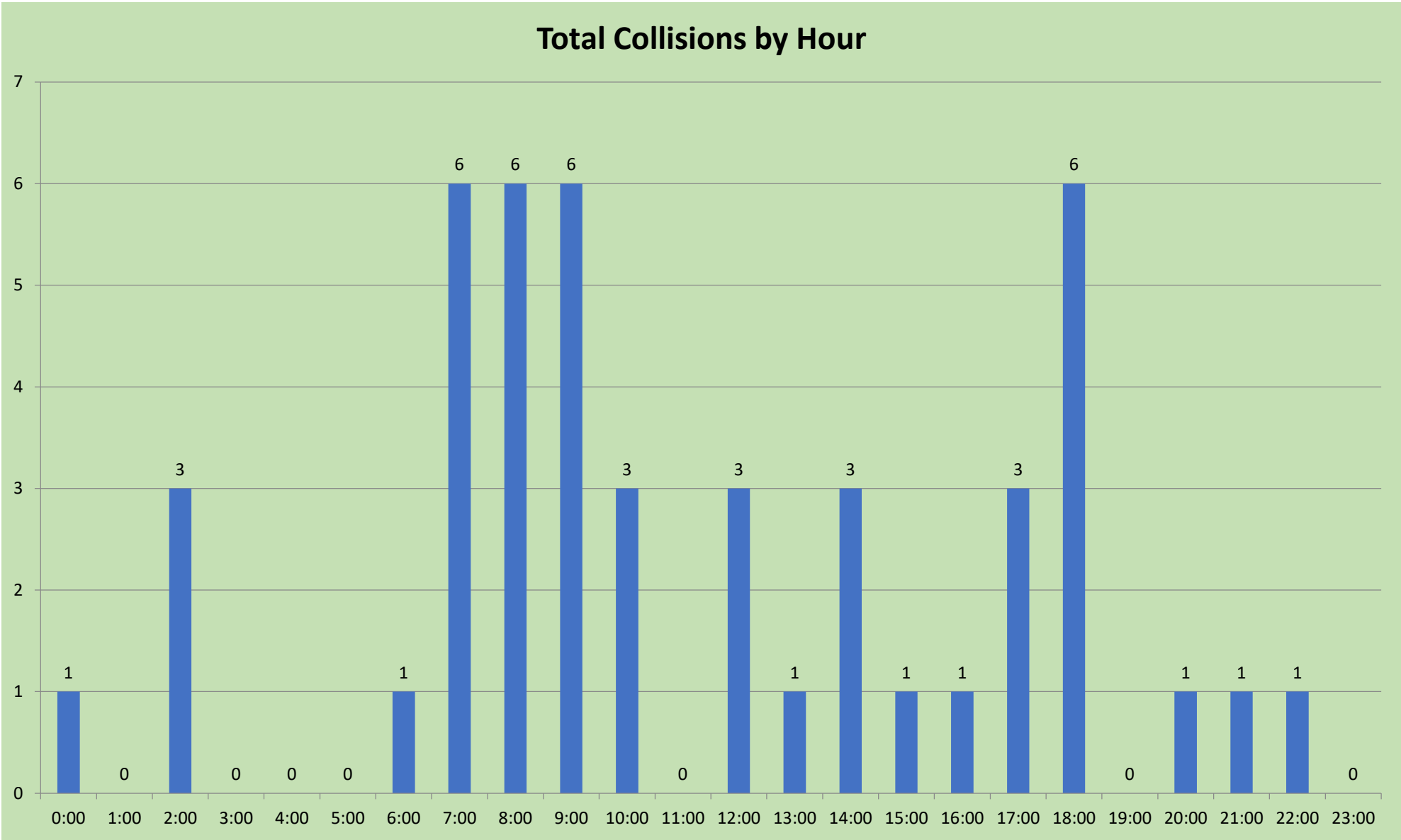
**Note:** 1 Other/Specify PDO collision not shown in diagram

**Legend (Casualty Collisions/PDO Collisions)**

Rear End: 	Right Angle: 
Left Turn – Across Path: 	Struck Object: 
Side Swipe – Same Direction: 	Head On: 

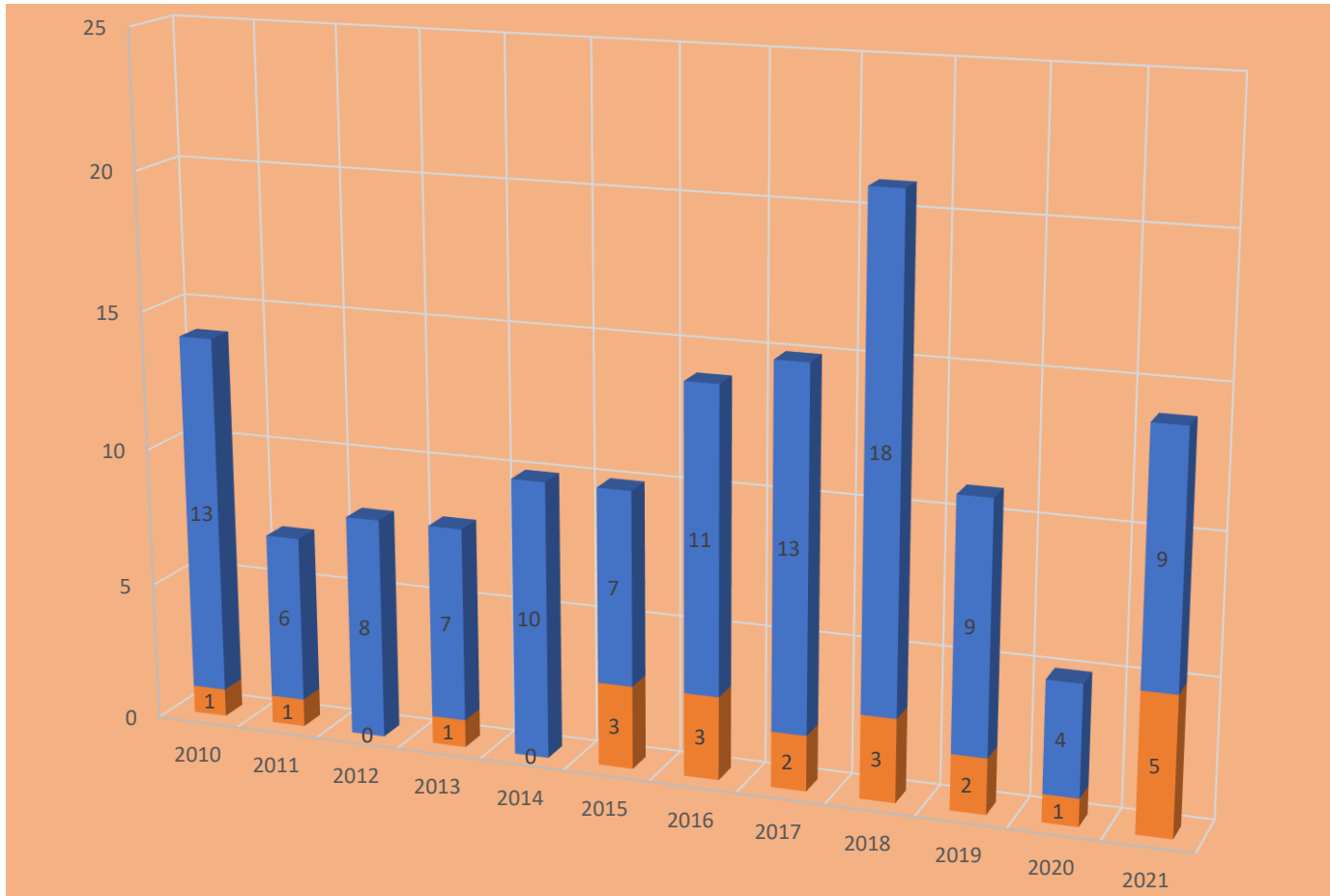








JLB/Charleswood Dr NW: Total collisions (2010-2021)

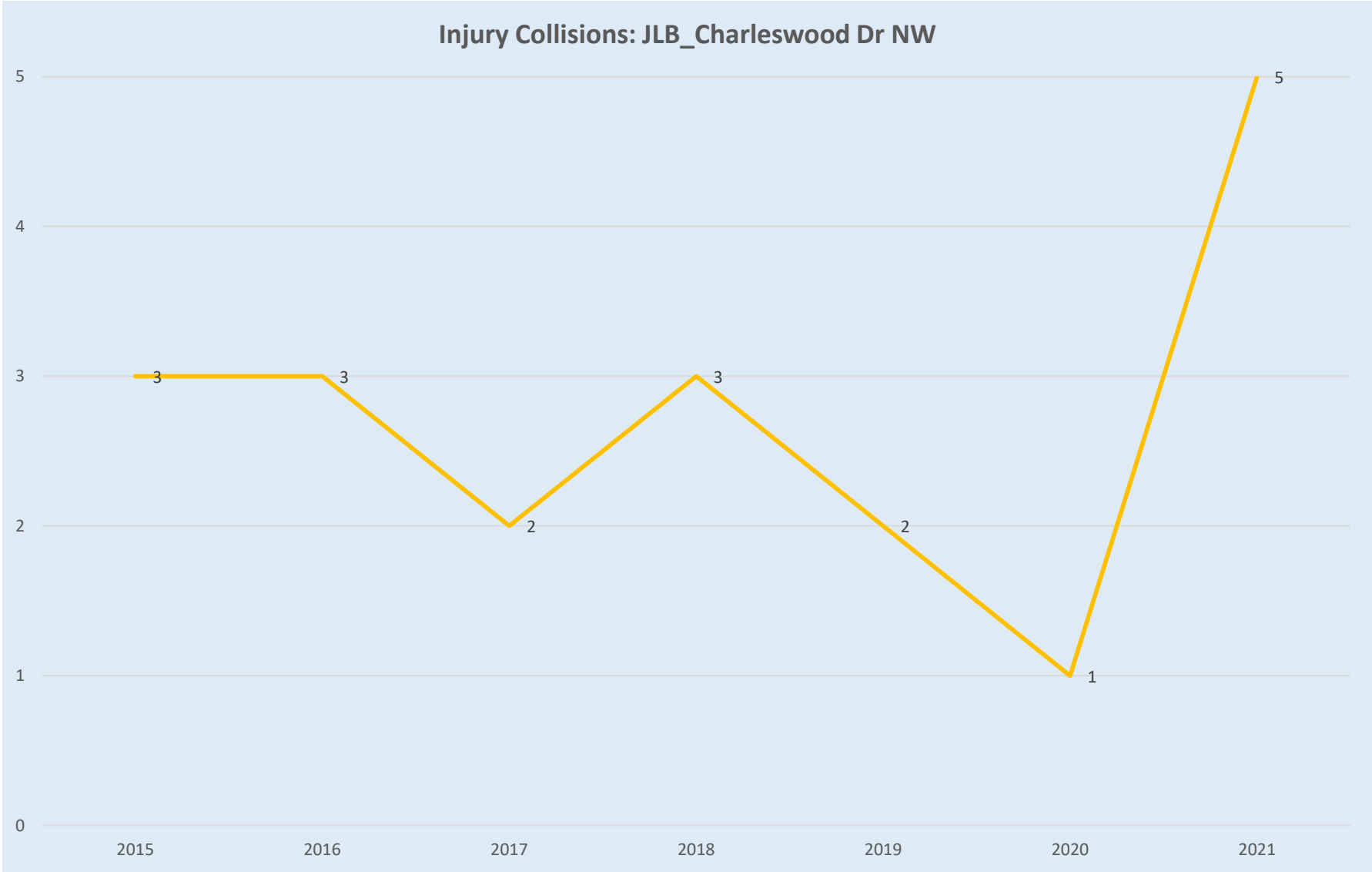


**Collisions since 2015:**

- Injury: 19 (21%); City average: 10%
- Property Damage Only: 71
- Total: 90

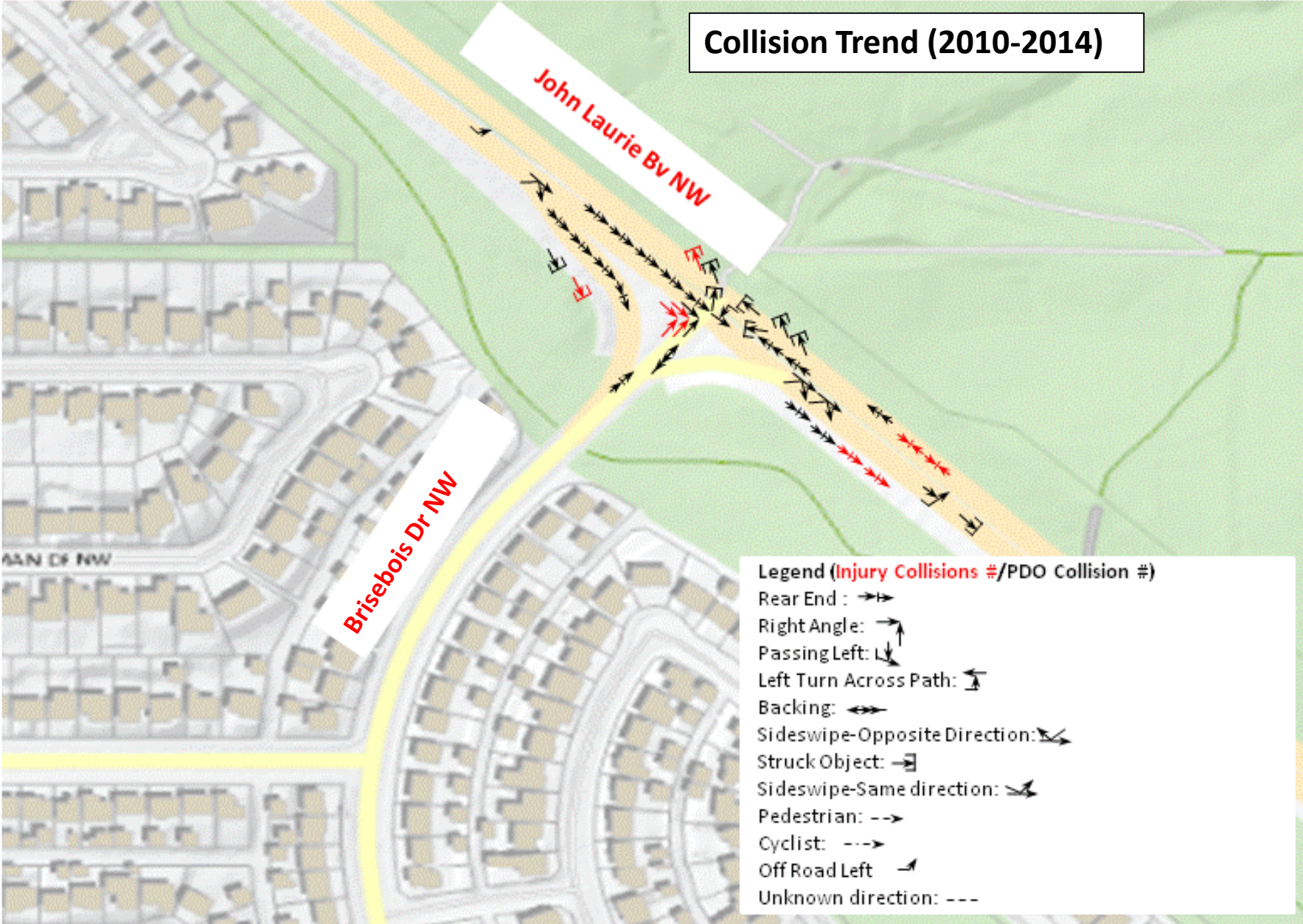


# John Laurie Bv & Charleswood Dr NW



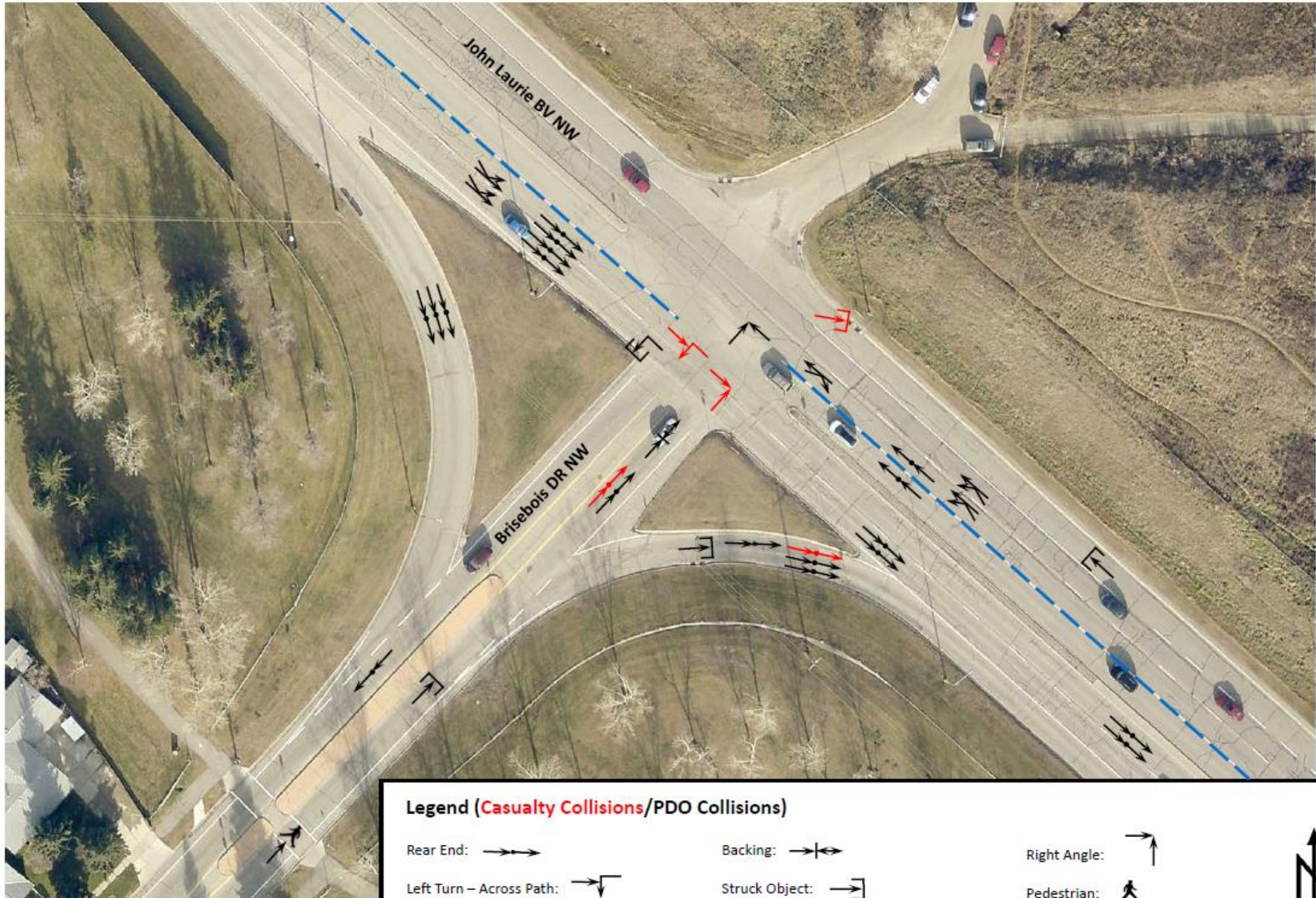


### Collision Trend (2010-2014)





Collision Diagram: John Laurie BV NW & Brisebois DR NW (2015-2018)



**Legend (Casualty Collisions/PDO Collisions)**

Rear End:

Backing:

Right Angle:

Left Turn - Across Path:

Struck Object:

Pedestrian:

Side Swipe - Same Direction:

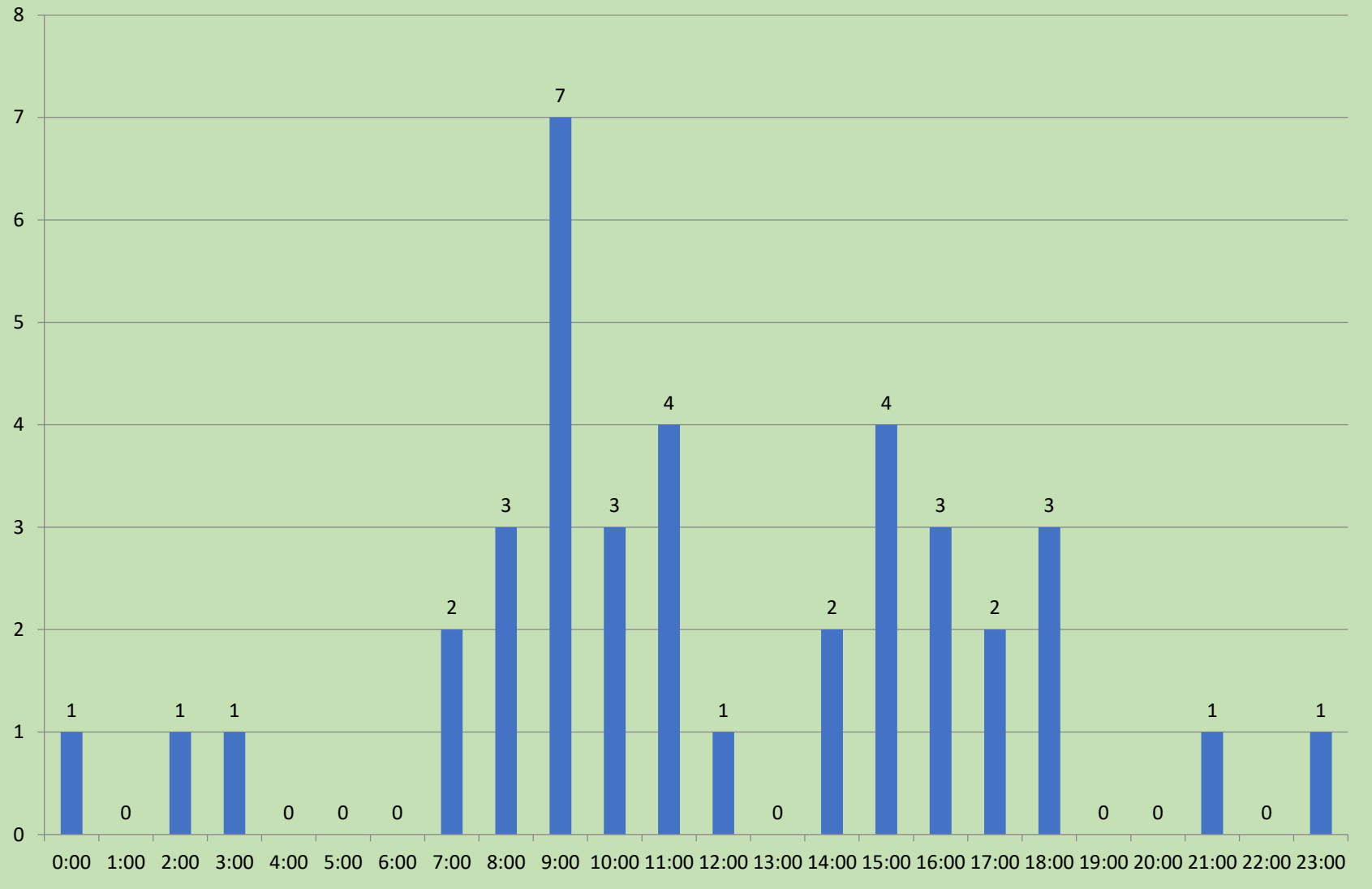
Side Swipe - Opposite Direction:





# John Laurie Bv & Brisebois Dr NW

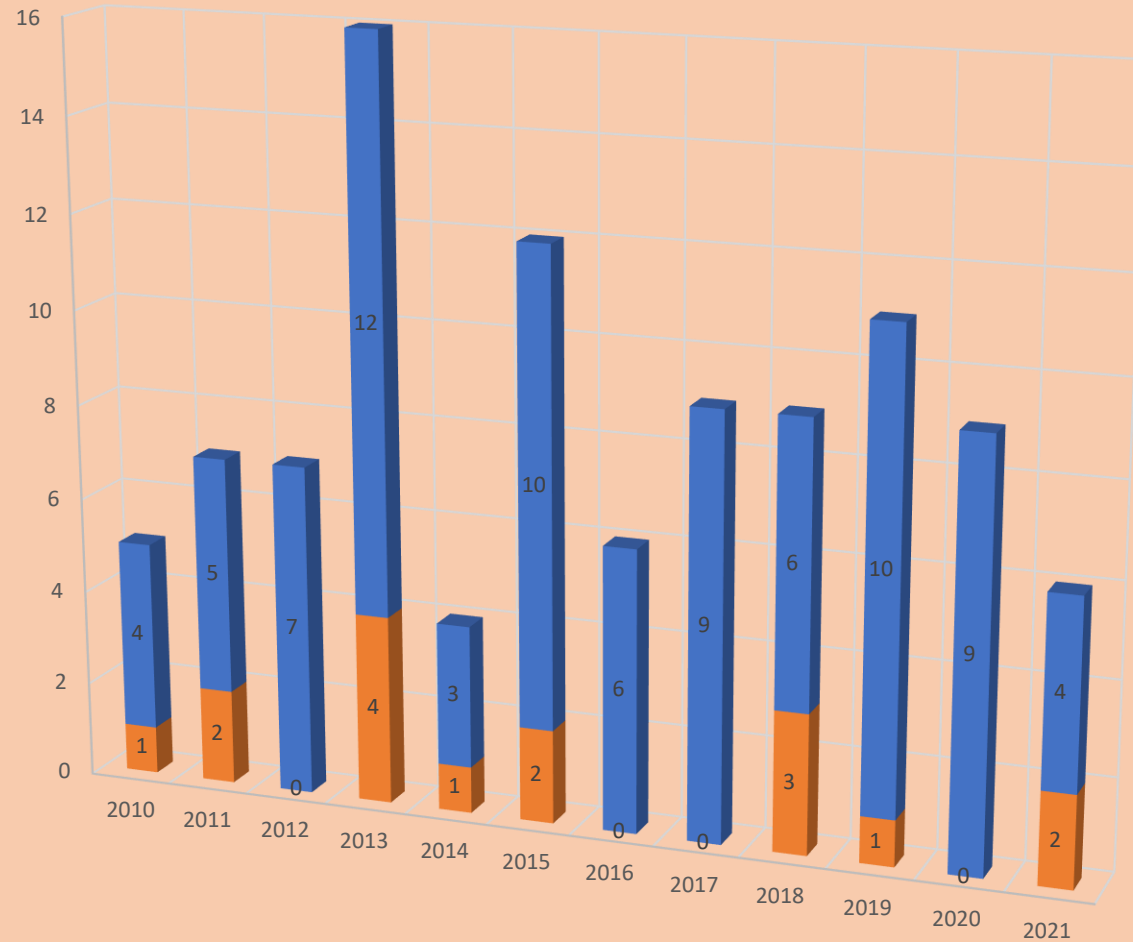
## Total Collisions by Hour (2010-2014)







JLB/Brisbois Dr NW: Total collisions (2010-2021)



**Collisions since 2015:**

- Injury: 8 (13%); City average: 10%
- Property Damage Only: 54
- Total: 62

**Common issues at all three intersections:**

- High severity left turn across path collisions
- High rear end collisions
- Higher number of injuries
- Concentration of collisions in AM and PM peak hours
- Lack of opportunities for left turning traffic to and from John Laurie Bv



## What can we do to address these safety concerns?

- Create more gaps at the intersections for turning traffic
- Prohibit some left turning and/or through movements
- Signalize to make the turnings more predictable



## Proposed Safety Improvements and timelines:

- JLB/19 ST NW: Prohibit left turn from NB 19 St during AM and PM peak hours
  
- JLB/Charleswood Dr: Install Traffic Signal
- Install advance flashers
- TMC to monitor how the signal performs to ensure smooth operations
- No pedestrian crossing at JLB to access parks
  
- JLB/Brisebois Dr: Prohibit left turn and through movements from both Brisebois Dr and parking lot on the north side during AM and PM peak hours





Proposed improvements

Prohibit left turn and through movements from Brisebois Dr and parking lot on the north side during AM and PM peak hours

John Laurie Boulevard NW

Brisebois Drive NW



Signalize Charleswood Dr/JBL



Prohibit NBL movements during AM and PM peak hours

Charleswood Drive NW

19 Street NW





# Questions?