

Bike Lane Collision Heat Maps

August 14, 2025



How to read these maps

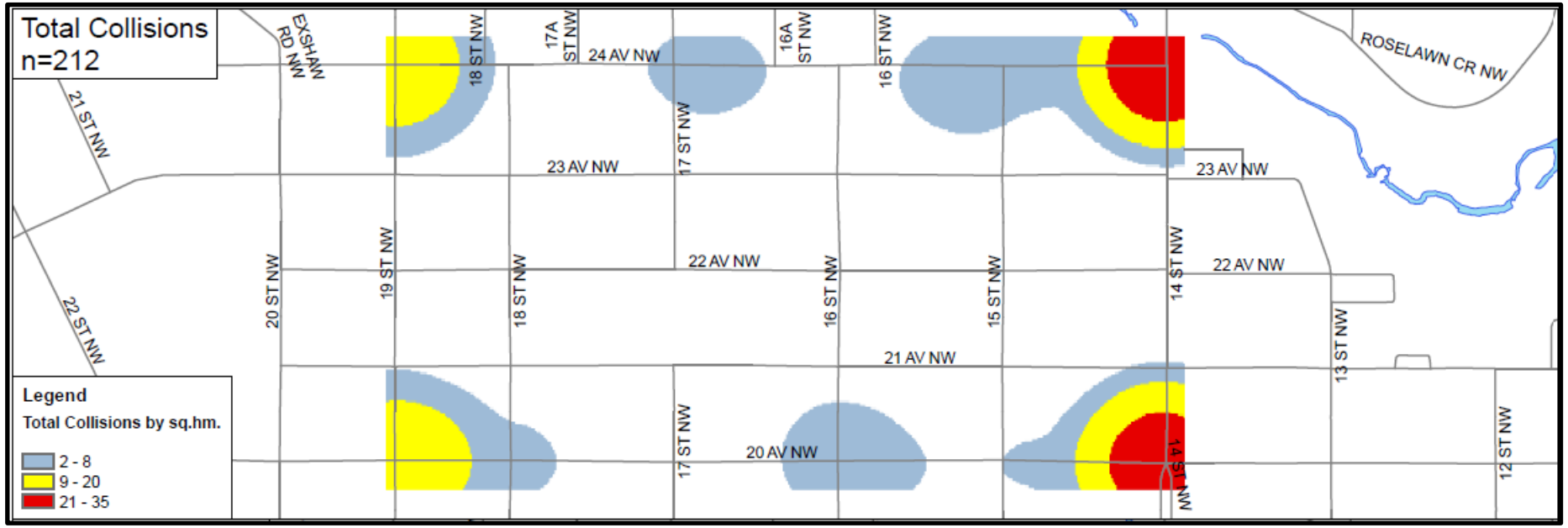
The maps in this file are heat maps that compare total collisions along parallel corridors. They show the number of collisions per hectare for each corridor.

One corridor has a bike lane installed and one does not. The purpose of the data is to demonstrate the impact, if any, on collisions when separated bike lanes are installed on Calgary roads.

The colour ranges from blue where the collision density is low to red where the collision density is high.

Note: The analysis in this file contains all collisions including injuries, fatalities and property damage only collisions.

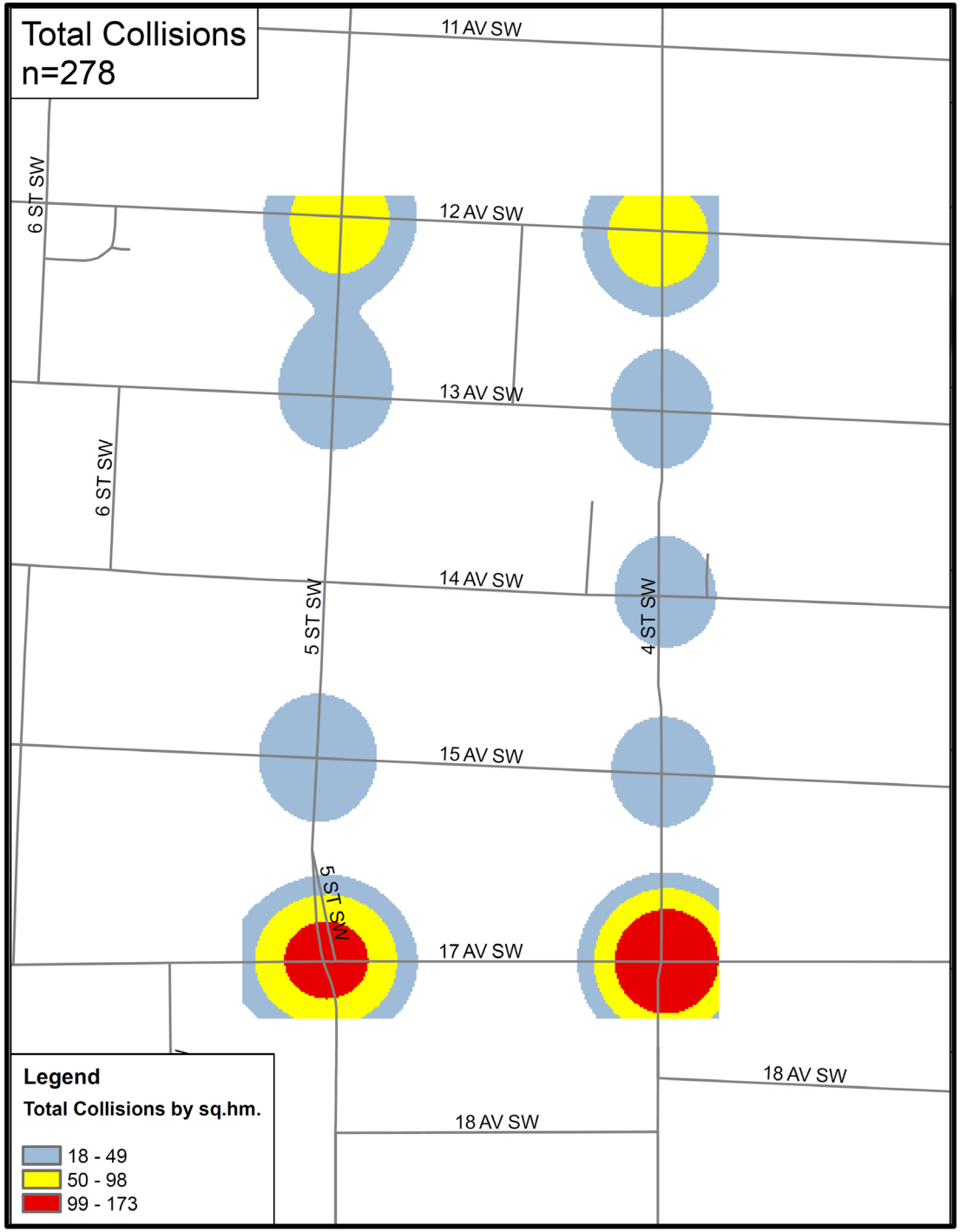
20 AV NW & 24 AV NW



Metric	20 AV NW		24 AV NW	
Bike Lane	No		Yes	
24 Hour Vehicle Volume	3,000		7,100	
Length	0.8 km		0.8 km	
Collisions per million vehicle-kilometres	22.2		9.6	
Travel Time (minutes) (AM Peak Period: 7AM – 8AM)	Eastbound 1:48	Westbound 1:48	Eastbound 1:41	Westbound 1.52

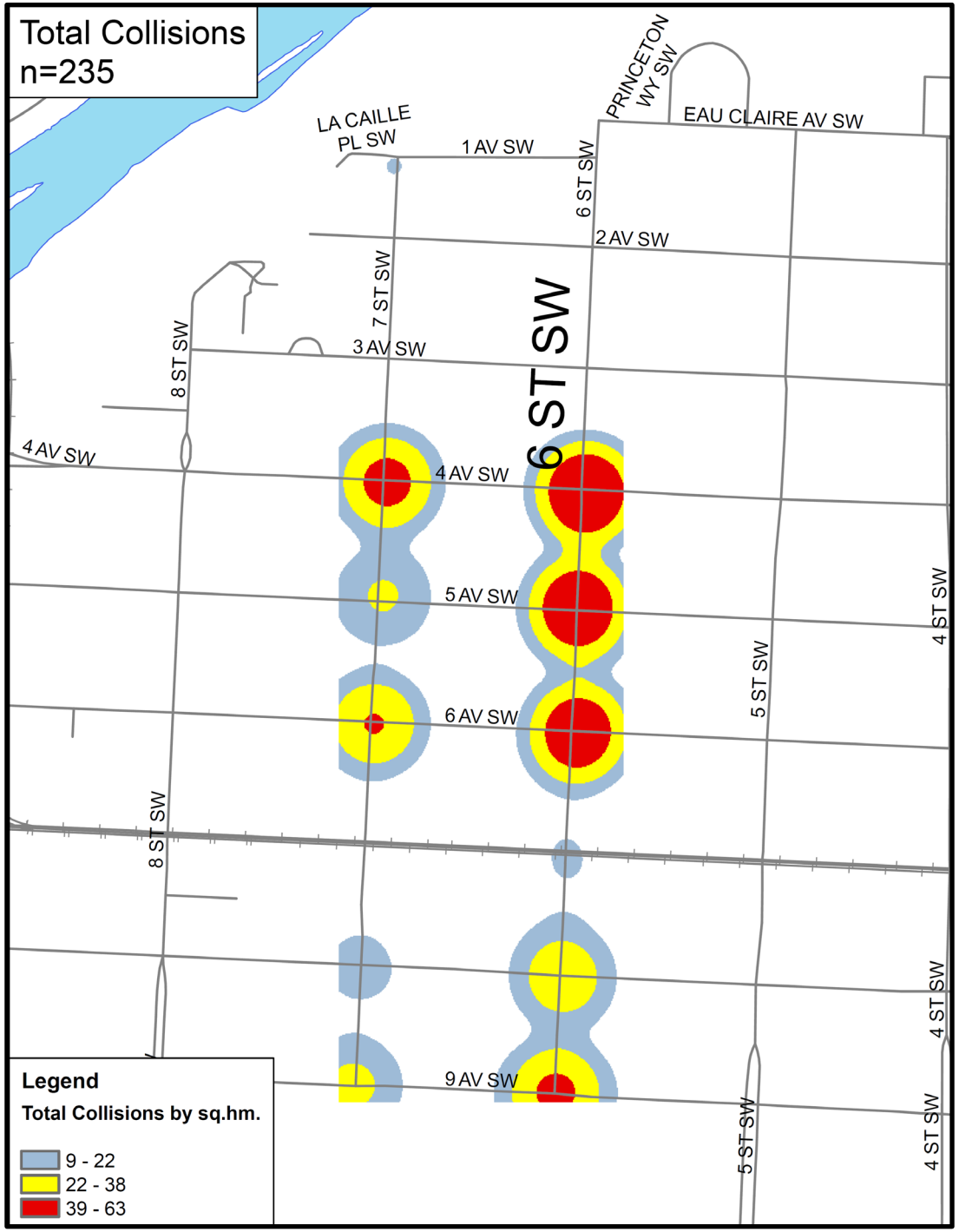
4 ST SW and 5 ST SW

Metric	4 ST SW		5 ST SW	
Bike Lane	No		Yes	
24 Hour Vehicle Volume	9,700		11,900	
Length	0.4 km		0.4 km	
Collisions per million vehicle-kilometres	20.9		14.7	
Travel Time (minutes) (AM Peak Period: 7AM – 8AM)	North-bound 1:04	South-bound 1:04	North-bound N/A	South-bound 1:05

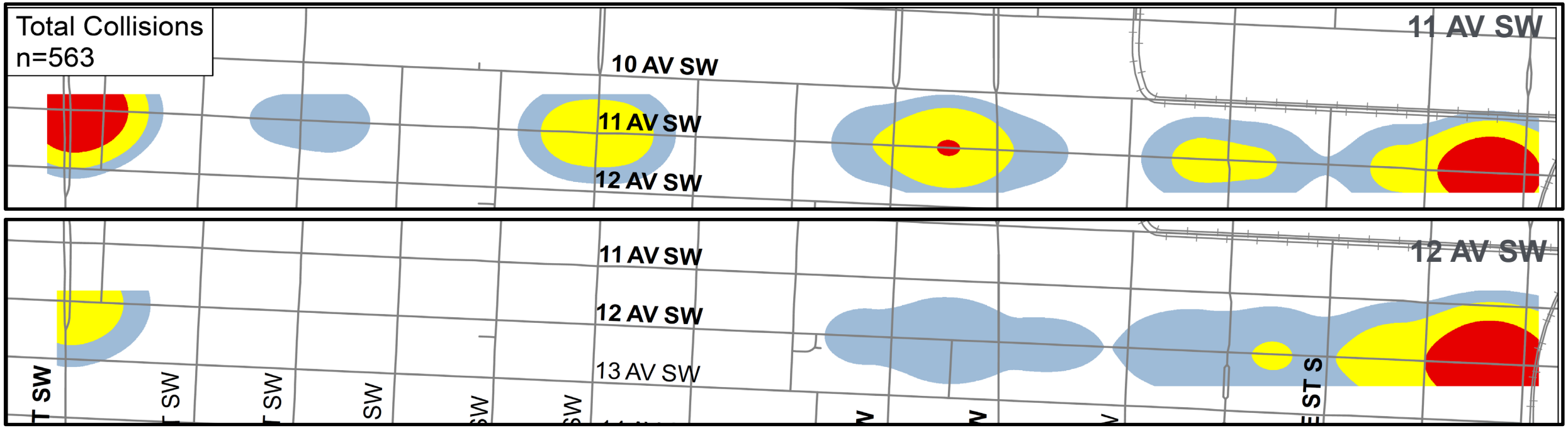


6 ST SW and 7 ST SW

Metric	6 ST SW	7 ST SW
Bike Lane	No	Yes
24 Hour Vehicle Volume	4,600	3,600
Length	0.5 km	0.5 km
Collisions per million vehicle-kilometres	33.5	24.4
Travel Time (minutes) (AM Peak Period: 7AM – 8AM)	Northbound 1:51	Southbound 1:56



12 AV SW and 11 AV SW



Metric	11 AV SW	12 AV SW
Bike Lane	No	Yes
24 Hour Vehicle Volume	13,800	12,800
Length	2.5 km	2.5 km
Collisions per million vehicle-kilometres	8.9	8.3
Travel Time (minutes) (AM Peak Period: 7AM – 8AM)	Westbound 4:31	Eastbound 5:09