



Quarterly Report to Transportation Commission

January 30, 2023 (2022 Q4 Report)

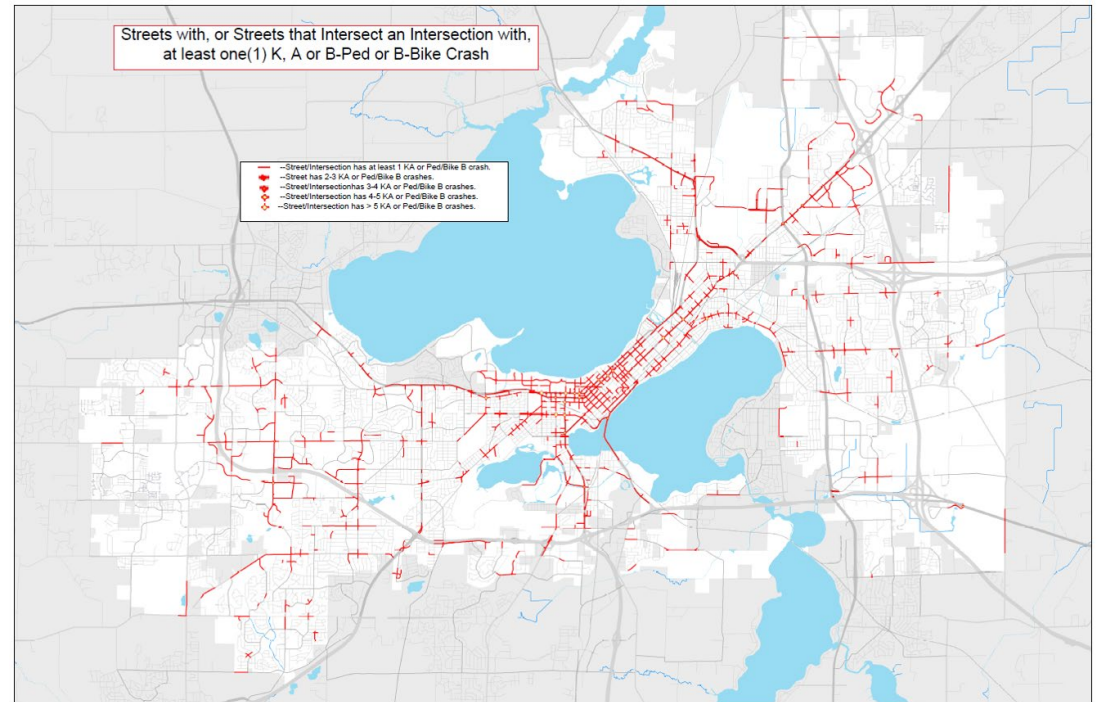
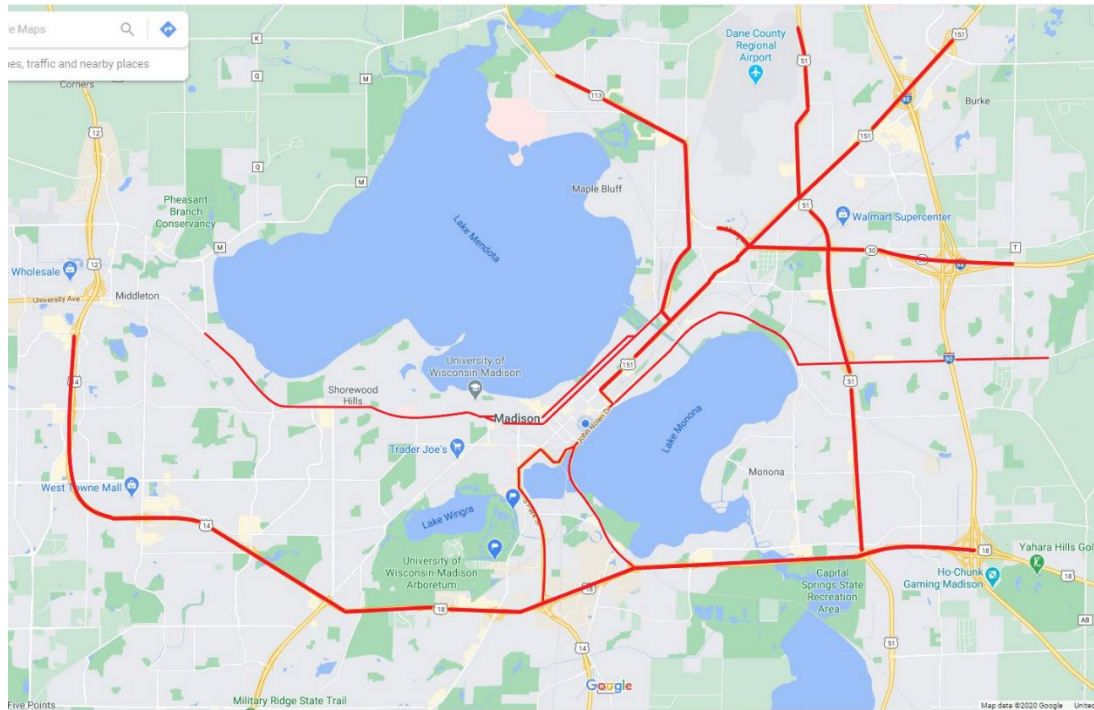


2022 Traffic Enforcement Goals

1. Focus on the High Injury Network (HIN): East Washington Avenue, the Beltline, and Mineral Point Road
2. Focus on Hazardous Moving Violations
3. De-emphasize Non-Hazardous Violations and Support Alternative Outcomes (i.e., Warnings)
4. Support School Zone Safety
5. Respond to Community Member Complaints

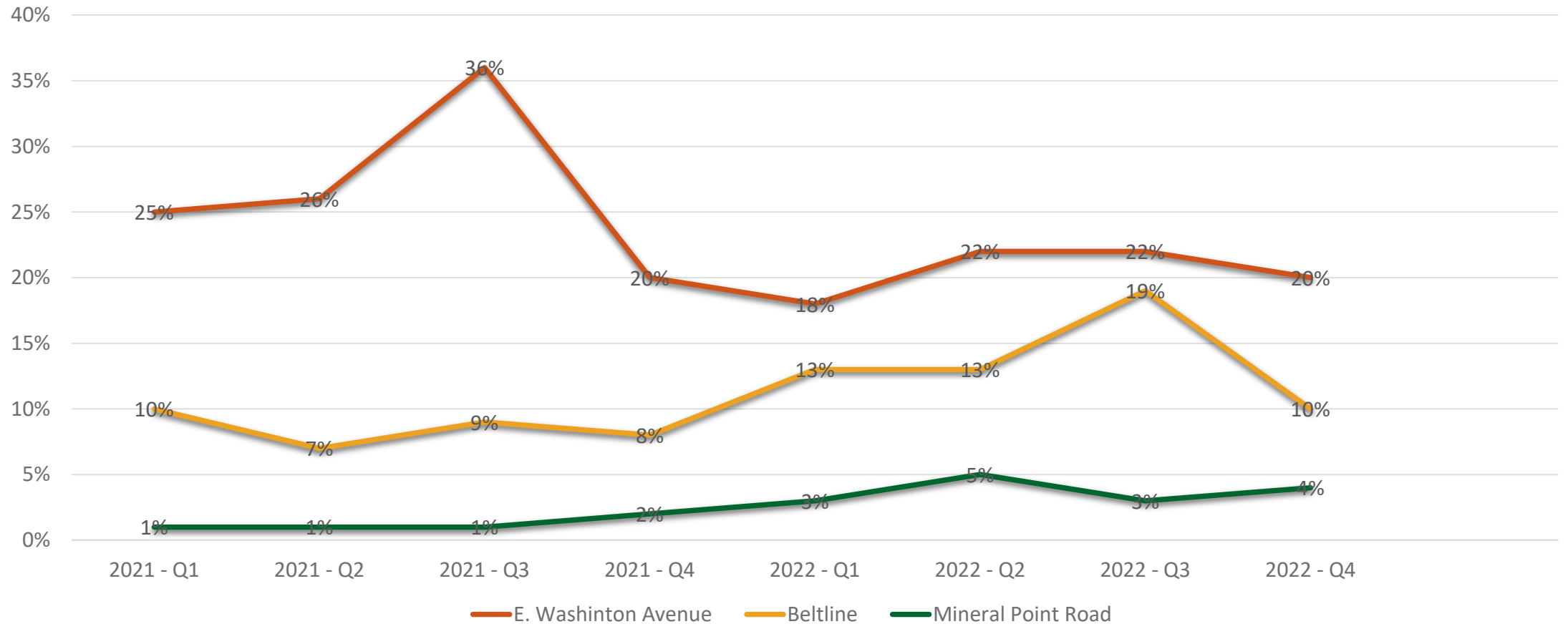


Traffic Grant Corridors / High Injury Network





Percentage of City-Wide Enforcement on Strategic Plan Roadways





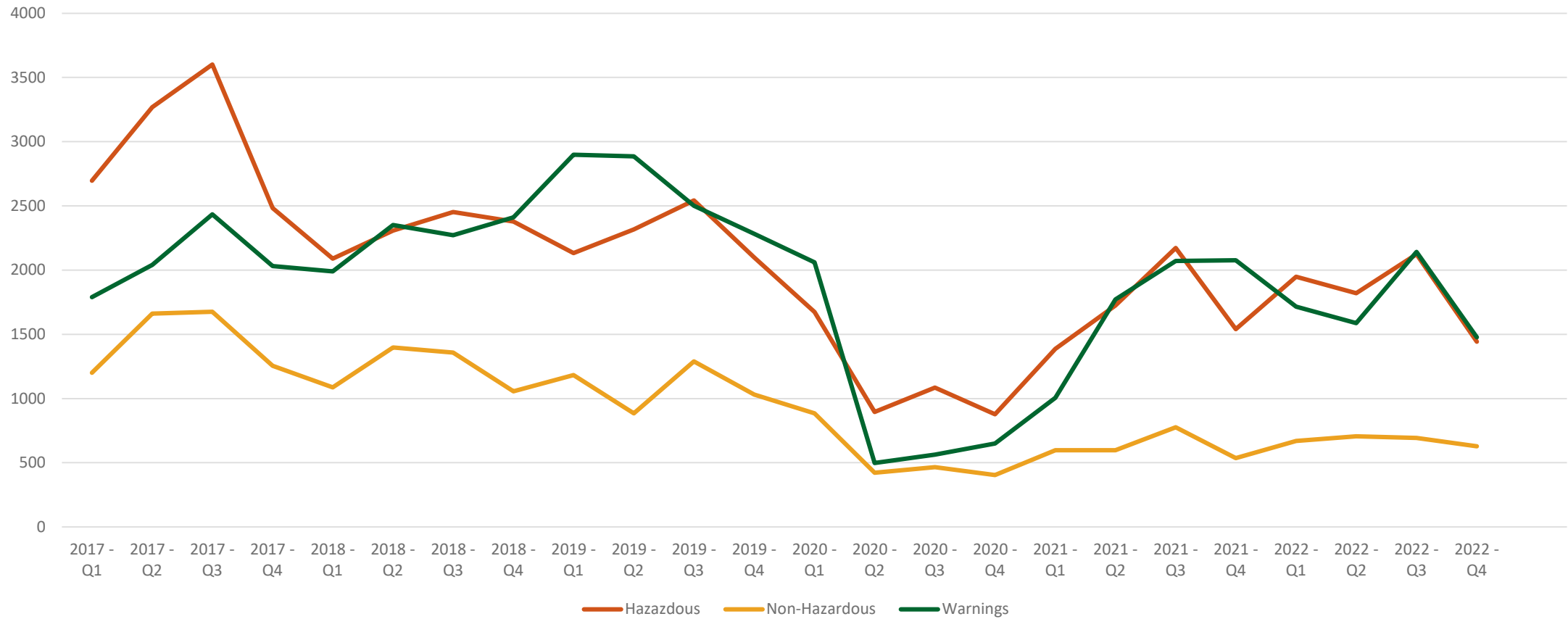
Citations & Warnings Issued in the HIN

2022 Strategic Plan – 4th Quarter

- a) East Washington Avenue
 - 19.8% of all citations and warnings issued city-wide in 4th Quarter
- b) Beltline Hwy
 - 9.8% of all citations and warnings issued city-wide in 4th Quarter
- c) Mineral Point Road
 - 3.6% of all citations and warnings issued city-wide in 4th Quarter

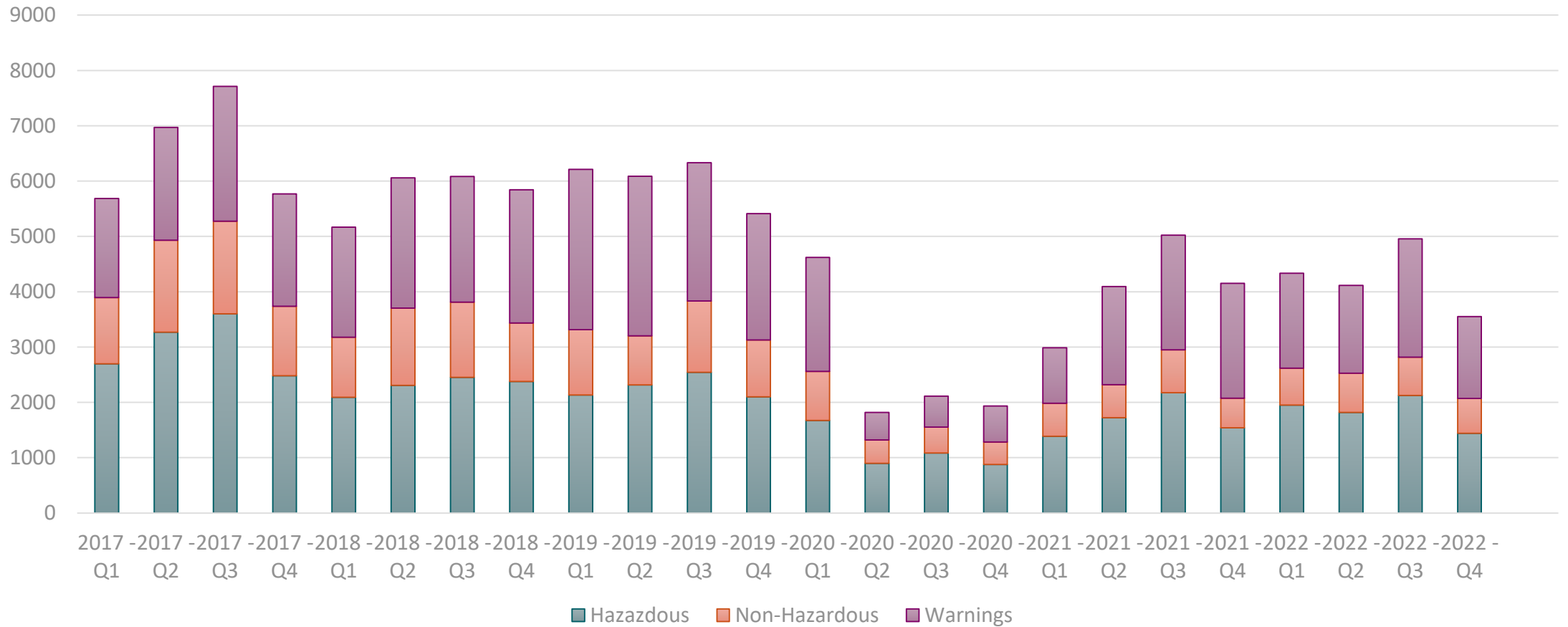


Citations and Warnings 2017 – Present City-Wide





Citations and Warnings 2017 – Present City-Wide



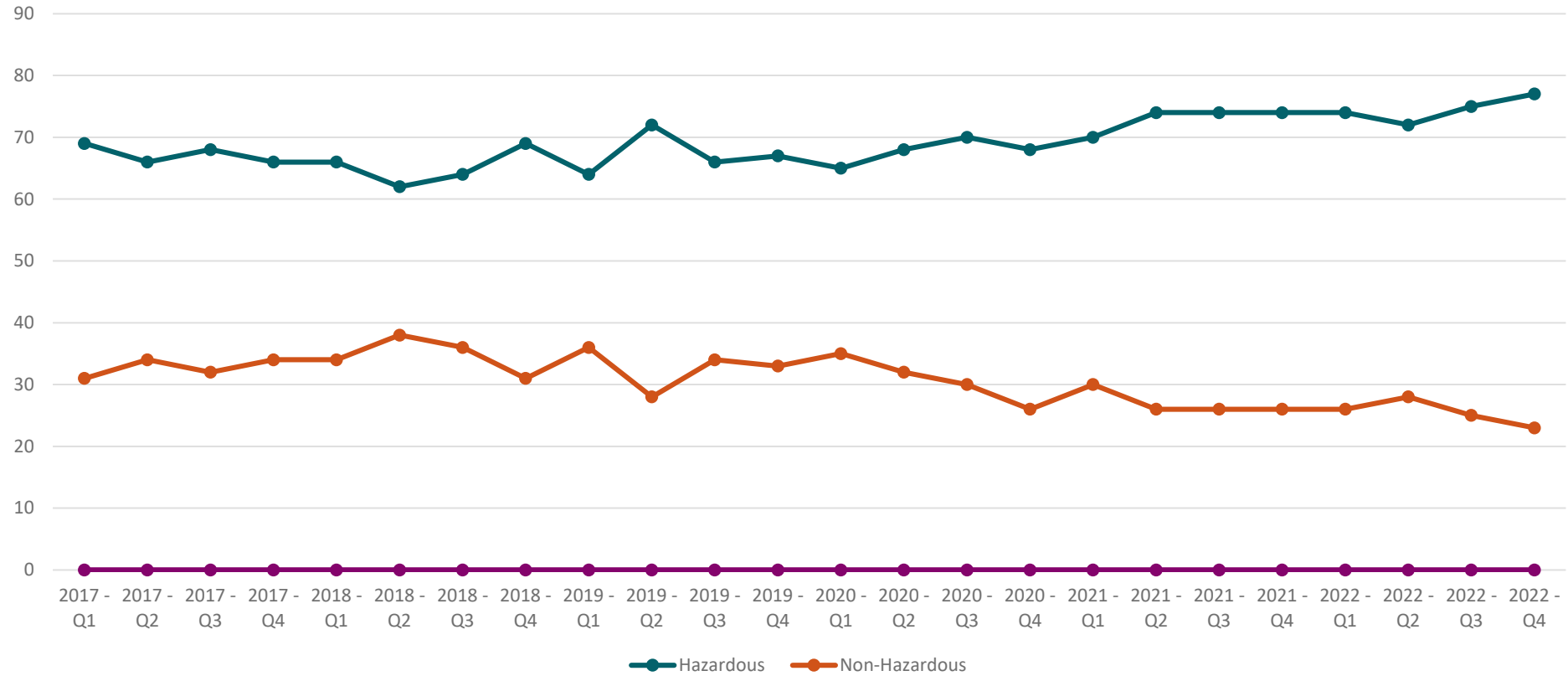


Citations by the Numbers 2020 - Present

MPD DEPARTMENT WIDE VIOLATIONS															
HAZARDOUS VIOLATIONS	1st QUARTER			2nd QUARTER			3rd QUARTER			4th QUARTER			TOTALS		
	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022
OMVWI (A)	163	145	143	113	147	165	128	148	148	104	110	150	508	550	606
OMVWI (B)	47	42	58	28	39	63	47	50	65	36	54	61	158	185	247
RECKLESS	18	15	25	16	44	30	21	37	32	12	16	31	67	112	118
SPEEDING	416	630	1157	334	792	925	477	1212	1127	313	775	524	1540	3409	3733
STOP & GO	123	91	122	58	190	149	63	174	148	68	118	138	312	573	557
ARTERIAL	52	24	33	19	30	34	12	18	20	14	17	29	97	89	116
PASS/TURNING MVMT	117	49	60	36	78	69	59	82	75	59	74	69	271	283	273
DEVIATING	110	46	43	34	57	55	46	74	74	34	47	63	224	224	235
WRONG WAY	43	24	23	21	30	38	17	35	71	25	28	34	106	117	166
ALL OTHERS	21	42	28	49	49	49	18	42	59	17	23	50	105	156	186
RIGHT OF WAY (M.V.)	104	68	80	40	67	72	62	68	85	46	81	72	252	284	309
RIGHT OF WAY (PED.)	8	8	8	6	14	8	7	16	21	13	17	16	34	55	53
FAILURE TO CONTROL	144	93	36	59	6	3	55	7	2	74	18	20	332	124	61
FOLLOW TOO CLOSE	172	50	83	34	96	80	3	101	98	3	71	110	212	318	371
INATTENTIVE	118	51	42	42	74	68	57	92	83	52	74	60	269	291	253
UNSAFE BACKING	15	6	8	2	7	11	8	7	11	5	15	9	30	35	39
DIRECTIONAL SIGNAL	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0
BIKE/PED	3	2	0	5	4	1	5	8	4	3	3	7	16	17	12
TOTAL HAZARDOUS	1,674	1,386	1,949	896	1,724	1,820	1,085	2,173	2,123	878	1,541	1,443	4,533	6,824	7,335
NON-HAZARDOUS VIOLATIONS	1st QUARTER			2nd QUARTER			3rd QUARTER			4th QUARTER			TOTALS		
	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022
DL/VEH REG	687	339	466	309	391	465	358	534	484	286	353	440	1640	1617	1855
VEH EQUIP	73	172	52	51	86	98	22	96	80	29	55	44	175	409	274
ALL OTHERS	13	8	52	5	29	32	12	21	31	8	43	38	38	101	153
HIT AND RUN	112	78	99	58	91	111	74	126	99	82	85	107	326	380	416
TOTAL NON-HAZ	885	597	669	423	597	706	466	777	694	405	536	629	2,179	2,507	2,698
TOTAL VIOLATIONS	1st QUARTER			2nd QUARTER			3rd QUARTER			4th QUARTER			TOTALS		
	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022
	2,559	1,983	2,618	1,319	2,321	2,526	1,551	2,950	2,817	1,283	2,077	2,072	6,712	9,331	10,033



Hazardous vs Non-Hazardous Citations City-Wide





Hazardous Citations, Non-Hazardous Citations and Warnings 2017-2022

	2017 - Q1	2017 - Q2	2017 - Q3	2017 - Q4	2018 - Q1	2018 - Q2	2018 - Q3	2018 - Q4	2019 - Q1	2019 - Q2	2019 - Q3	2019 - Q4	2020 - Q1	2020 - Q2	2020 - Q3	2020 - Q4	2021 - Q1	2021 - Q2	2021 - Q3	2021 - Q4	2022 - Q1	2022 - Q2	2022 - Q3	2022 - Q4
Haz Citations	2,696	3,269	3,602	2,483	2,090	2,308	2,453	2,378	2,132	2,317	2,543	2,098	1,674	896	1,085	878	1,386	1,724	2,173	1,541	1,949	1,820	2,123	1,443
Non-Haz Citations	1,201	1,662	1,675	1,255	1,087	1,398	1,358	1,056	1,182	885	1,289	1,031	885	423	466	405	597	597	777	536	669	706	694	629
Warnings	1,789	2,041	2,434	2,032	1,990	2,352	2,271	2,411	2,898	2,886	2,501	2,282	2,060	498	563	650	1,005	1,772	2,071	2,077	1,716	1,587	2,141	1,477
Total	5,686	6,972	7,711	5,770	5,167	6,058	6,082	5,845	6,212	6,088	6,333	5,411	4,619	1,817	2,114	1,933	2,988	4,093	5,021	4,154	4,334	4,113	4,958	3,549



Traffic Grants

- The Madison Police Department, in partnership with the Dane County Sheriff's Office, conduct extra patrols that, depending on the time of year, focus on enforcing Wisconsin's alcohol, seatbelt, and speed laws.
- These additional enforcement efforts are made possible through traffic overtime grants provided by the Wisconsin Department of Transportation.
- The goal of these extra patrols is not only to enhance public safety, but to prevent needless tragedies.
- Traffic grant activity is not confined to just the High Injury Network.



Traffic Grants

- All alcohol grant activity must take place after 6:00 p.m. on Friday and Saturday
- 50% of seatbelt grant activity must take place after 6:00 p.m.
- In addition to the grants, the Madison Police Department participates in the Wisconsin Department of Transportation's "Drive Sober or Get Pulled Over" and "Click It or Ticket" campaigns.
- The City of Madison also manages our own Pedestrian/Bike grants that are funded by the State of Wisconsin DOT.



2022 Grant Activity

- Deployments
 - 74 Impaired Driving
 - 40 Seatbelt
 - 32 Speeding
 - 28 Pedestrian/Bike Safety
- Enforcement Efforts
 - 1,702 Citations
 - 2,657 Warnings
- Average of 25 Citations and Warnings Issued per Deployment





Grant Activity by the Numbers

2022 Grant Funded Enforcements Quarterly Totals						
Alcohol (OWI) Enforcement Grant						
	*Citations Issued	Written Warnings Issued	Total	Grants		YTD Total
January to March	197	277	474	18		
April to June	276	329	605	22		
July to September	100	216	316	15		
October to December	58	157	215	9		1610
Speed Enforcement Grant						
	*Citations Issued	Written Warnings Issued	Total	Grants		YTD Total
January to March						
April to June	0	0	0	0		
July to September	360	608	968	32		
October to December						968
Seat Belt Enforcement Grant						
	*Citations Issued	Written Warnings Issued	Total	Grants		YTD Total
January to March	335	296	631	20		
April to June	48	40	88	4		
July to September	45	71	116	4		
October to December	56	194	250	12		1085
Pedestrian/Bicycle Safety Enforcement Grant						
	*Citations Issued	Written Warnings Issued	Total	Grants		YTD Total
January to March						
April to June	52	114	166	6		
July to September	175	355	530	22		
October to December						696
			Total Grant Citations			
			4359			



Fatality Crashes

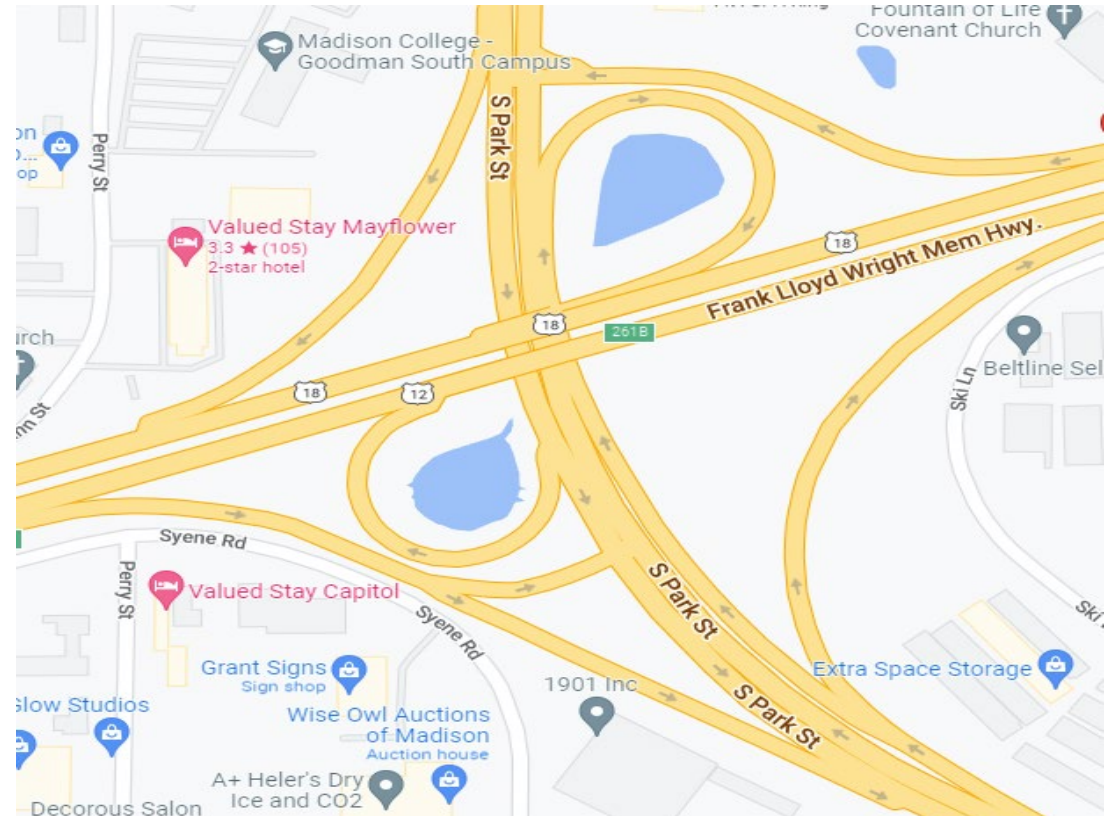
- The City of Madison had a total of 14 fatality crashes in 2022 – the same number of fatality crashes as in 2021.
- Three of the fatality crashes occurred on the Beltline; Two occurred on Mineral Point Road.
- Four fatality crashes occurred in the 4th Quarter of the year.
- The following four slides summarize each of those four crashes.



Fatal Crash Summary

#22-403849

- Date: 10/02/2022
- Time: 7:17 PM
- Location: Hwy 12/Hwy 14
- Type: Single Vehicle - Motorcycle
- Motorcyclist was negotiating the exit ramp from EB Beltline to SB Hwy 14. Motorcyclist lost control and crashed.
- Causative Factors: Impaired Driving (suspected)

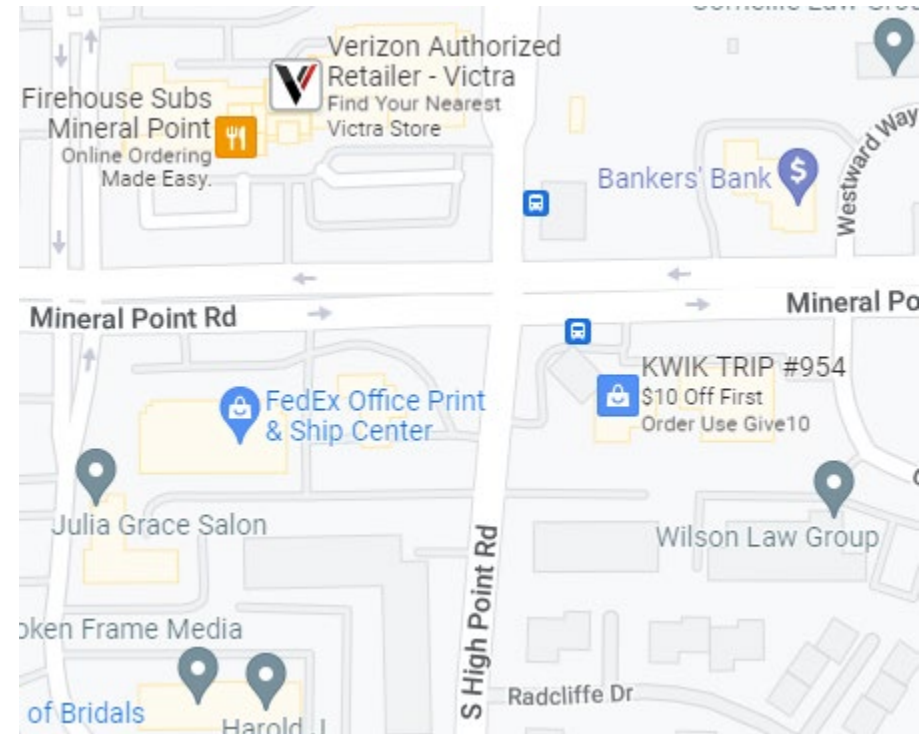




Fatal Crash Summary

- Date: 10/11/2022
- Time: 6:39 p.m.
- Location: Mineral Point Road and High Point Road
- Type: MV vs Pedestrian
- Summary: Vehicle traveling WB on Mineral Point Road took a left turn onto High Point Road and struck a pedestrian who was walking WB while crossing High Point Road in the crosswalk. No evidence of criminal behavior; No prosecution per DA's Office.
- Causative Factors: Weather (raining), dark clothing (pedestrian), time of day (dark)

#22-417022

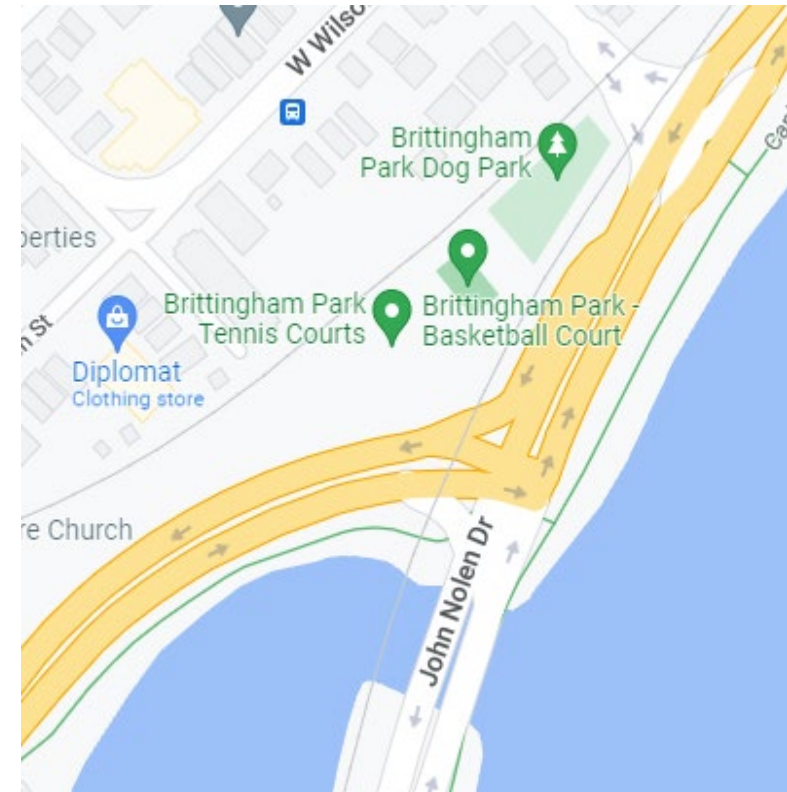




Fatal Crash Summary

- Date: 10/27/2022
- Time: 6:50 a.m.
- Location: John Nolen Drive and North Shore Drive
- Type: MV vs. Bike
- Summary: The bicyclist started to cross John Nolen Drive, even though there was a no walk sign. The involved driver, who was traveling at a high rate of speed on inbound John Nolen Drive, sped up and drove through the red light at the intersection. The bicyclist struck the side of the truck as it passed through the intersection.
- Causative Factors: Speed (driver), Failure to Obey Traffic Signals (driver and bicyclist)

#22-439426

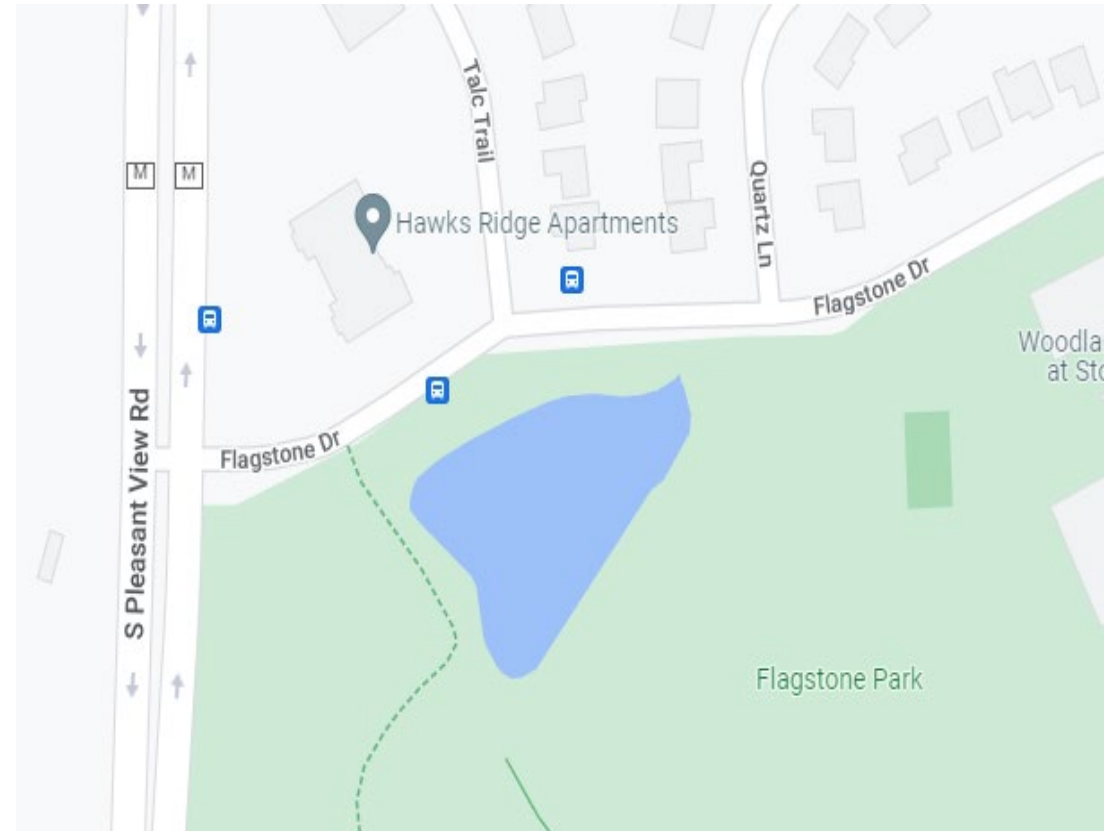




Fatal Crash Summary

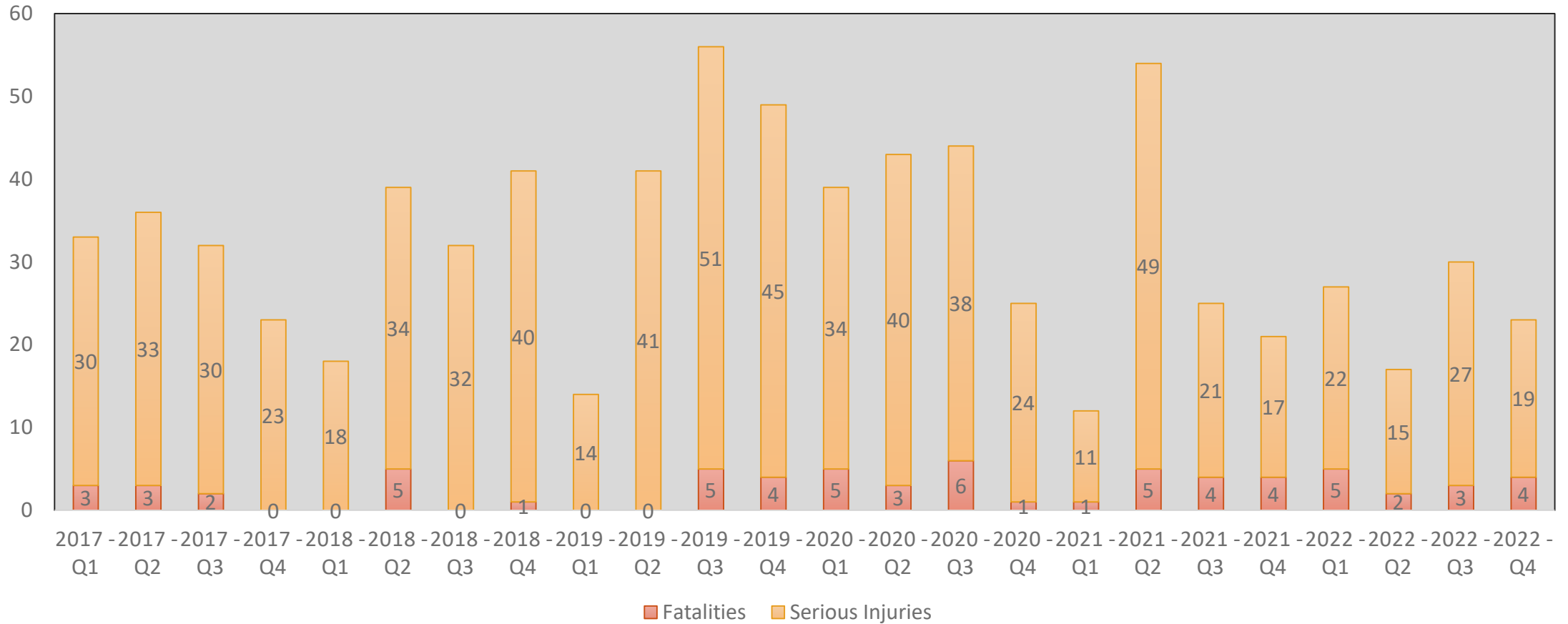
- Date: 12/04/2022
- Time: 11:03 p.m.
- Location: Pleasant View Road and Flagstone Drive
- Type: Single MV Crash
- Summary: The driver of the involved vehicle lost control, possibly due to speed, causing the car to leave the roadway, hit an electric pole and burst into flames.
- Causative Factors: Speed

#22-492592



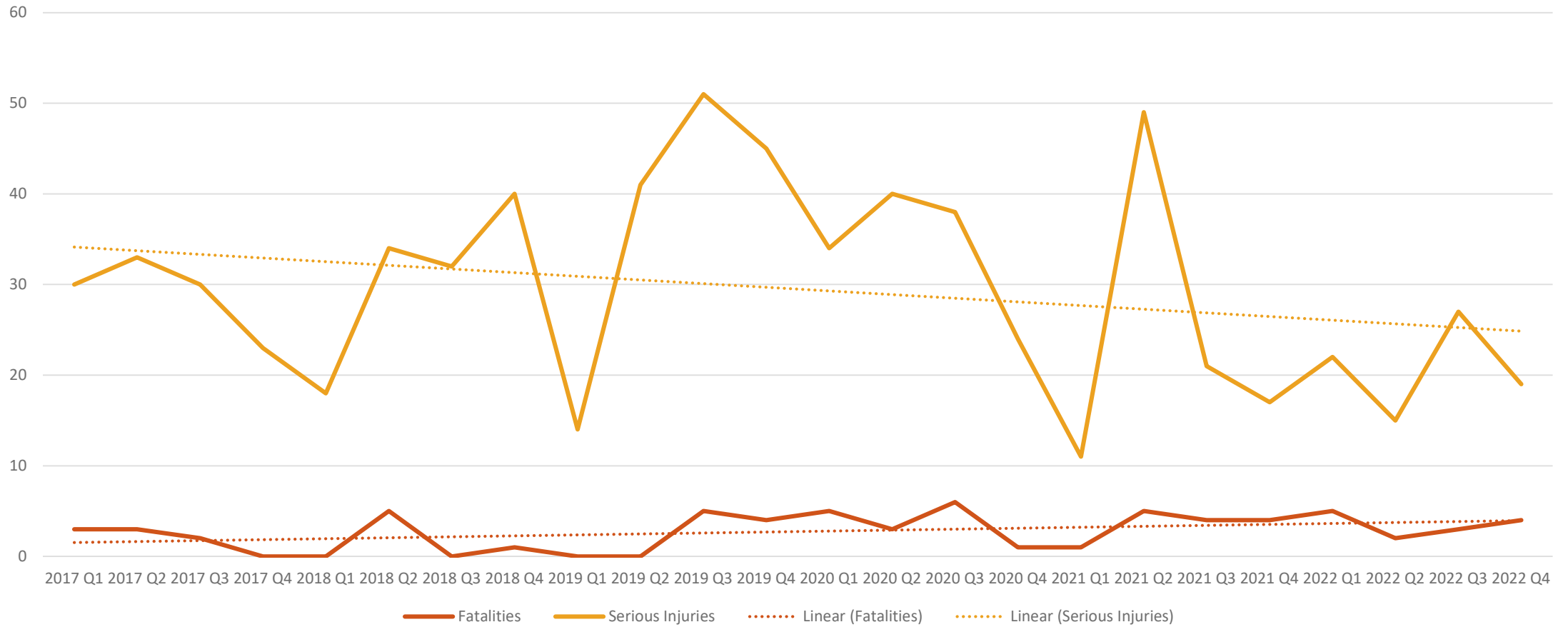


Serious Injury and Fatal Crashes





Serious Injury and Fatal Crashes



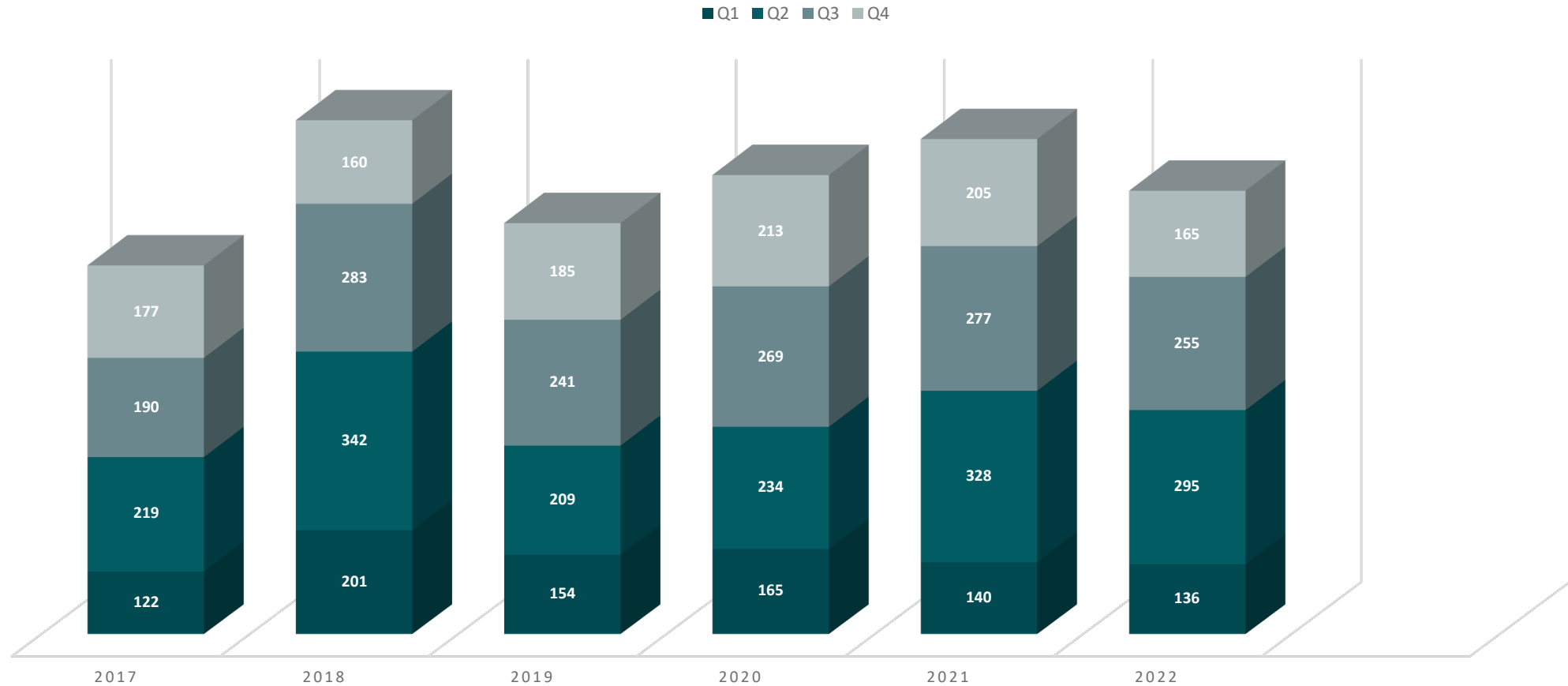


School Zone Safety

- The City of Madison Police Department's Traffic Enforcement and Safety Team (TEST) made school safety a priority in 2022.
- Every Tuesday, Wednesday, and Thursday, TEST officers begin their day at specific schools listed on the school rotation calendar.
- On Mondays and Fridays TEST officers focus on issues in their respective districts. However, TEST officers also respond to schools and school zone complaints in their respective districts as a part of their morning routine.
- In addition to providing a high-visibility presence to deter unsafe driving and enforcing school zone violations they observe, TEST officers work with the schools, bus drivers, and crossing guards to address specific, chronic issues.
- TEST members work closely with Traffic Engineering if and when signage is needed to improve school zone safety.



Traffic Complaints 2017-2022 City-Wide





Traffic Complaints by the Numbers 2020-2022 City-Wide

Citizen Traffic Complaint Totals															
TRAFFIC COMPLAINTS	1st Quarter			2nd Quarter			3rd Quarter			4th Quarter			TOTALS		
	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022
CITYWIDE	164	138	136	233	328	295	269	277	255	210	205	165	876	948	851
LETTERS	86	** 47	59	** 58	** 94	117	** 82	**89	92	**57	74	80	86	74	348
RECORDED*	36	60	50	137	155	124	136	132	116	82	79	53	391	426	343
COMPLAINTS BY DISTRICT	1st Quarter			2nd Quarter			3rd Quarter			4th Quarter			TOTALS		
	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022
CENTRAL	30	23	14	44	37	34	41	29	23	26	25	19	141	114	90
EAST	27	38	21	40	81	57	46	77	60	63	47	23	176	243	161
MIDTOWN	48	26	47	37	80	74	57	73	77	38	69	65	180	248	263
NORTH	15	27	26	65	66	55	70	53	25	34	28	20	184	174	126
SOUTH	8	7	6	14	18	28	15	16	29	16	9	9	53	50	72
WEST	32	17	20	30	41	44	35	27	36	33	25	24	130	110	124

* Calls under "Recorded" are kept in a database for each district to view complaint areas. These calls are general traffic complaints for certain streets. General complaints are also forwarded to each district as they come in.

Citizen Traffic complaints are received via Speeder's Hotline (608) 266-4822 and/or via the Report a Problem Traffic Enforcement web form at <https://www.cityofmadison.com/reportaproblem/trafficenforcement.cfm>

** During the Pandemic Traffic Concern Letters were not sent.