

November 06, 2018

Mr. Paul Davis

City Engineer

City of Rochester Hills

1000 Rochester Hills Drive

Rochester Hills, MI 48309

RE: No Turn on Red sign – East Bound W. Avon Road at Crooks Road

Mr. Davis,

As per our telephone conversation, I would like to submit a request to the Advisory Traffic and Safety Committee for a **No Turn On Red** sign for the above location. I can attend the meeting in person to make the request.

As you may know a third-party independent study was conducted earlier this year to review boundaries of the Rochester Community School District. A result of that study showed that there were students receiving bus transportation that should not be receiving transportation due to their proximity to the individual's school. Specifically here we are concerned with those walkers that attend West Middle School on Old Perch Road.

There are only six students that must now walk to West Middle School from the Christian Hills subdivision. It will be necessary for those students to walk east bound on Avon, then cross Avon at Crooks. Parents of those children have expressed concern that east bound drivers on W. Avon Rd. who turn south onto Crooks may pose a safety hazard. If there were a No Turn on Red sign there, even for the limited times that children would be walking to and from school, safety would be improved for those students.

The times of the commute for the walkers would be a time necessary for them to arrive at West Middle School at 7:25 AM and then for the return walk at 2:22 PM. The times for the No Turn on Red could be consistent with other signs posted throughout the District. Those signs read No Turn on Red 6:30 AM – 9:00 AM and 2:30PM – 4:00 PM – School Days Only.

Due to the fact that there is no school for the District on Monday and Tuesday, November 5 & 6, the "new" walkers have not yet begun to walk to school. Their first day of walking will be Wednesday, November 7, 2018. Therefore I have no observation data to report at this time but will have made observations of the school pedestrian traffic for the meeting on November 13, 2018.

Included is some traffic data for that intersection that came from the Southeast Michigan Council of Governments (SEMCOG). The data is from the years 2013 – 2017. As you can see, the traffic crashes for that intersection during those years is relatively light.

Despite the low traffic crash results, the School District and concerned parents believe that one crash involving ONE walking student is too many.

Thank you for your time in this matter. If you have any questions or need further information, please feel free to contact me.

Regards,



Dennis Markham

Traffic Consultant

Safe Ed.LLC

Rochester Community Schools

dmarkham@rochester.k12.mi.us

248-726-3153

Crash and Road Data

Intersection

Avon Rd W - Crooks Rd
Avon Rd W - 605102 Mile 0.824

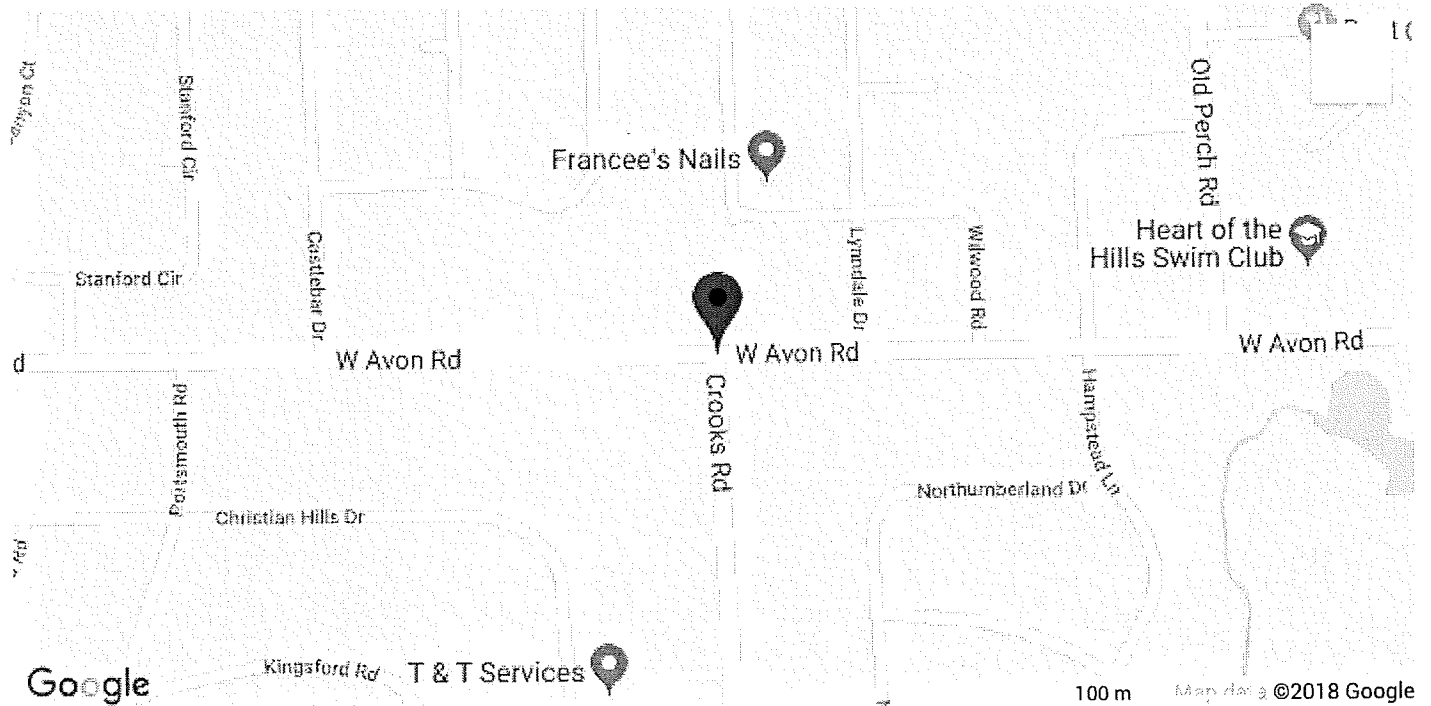
At: Crooks Rd (659810 Mile 11.916)

Point ID: 63022555

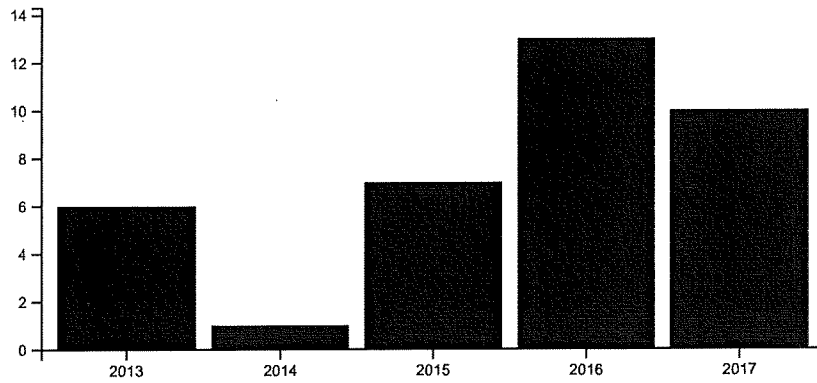
Includes crashes within 250 feet of intersection

[VIEW DETAIL CRASH LIST](#)

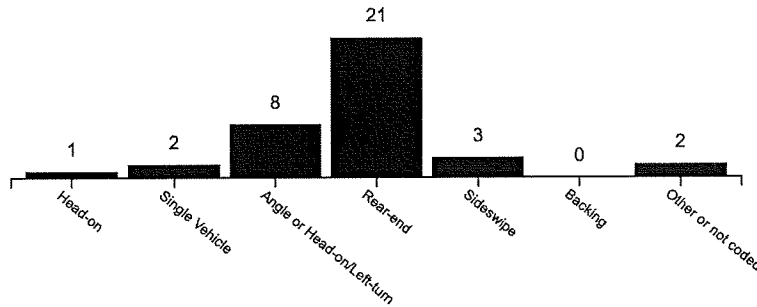
Street View



Crashes, 2013-2017



Crashes by Type, 2013-2017



Crash Type

Crash Type	2013	2014	2015	2016	2017	Percent of Crashes
Head On	0	0	0	1	0	2.7%
Single Vehicle	0	0	0	1	1	5.4%
Angle	0	0	2	2	0	10.8%
Head On/Left Turn	1	0	1	0	2	10.8%
Rear End	3	1	3	7	5	51.4%
Read End Left	0	0	0	0	0	0.0%
Rear End Right	1	0	0	1	0	5.4%
Sideswipe Opposite	0	0	1	0	1	5.4%
Total Crashes	6	1	7	13	10	100.0%

Crash Type	2013	2014	2015	2016	2017	Percent of Crashes
Sideswipe Same	0	0	0	0	1	2.7%
Backing	0	0	0	0	0	0.0%
Other/Unknown	1	0	0	1	0	5.4%
Total Crashes	6	1	7	13	10	100.0%

Crash Severity

Crash Severity	2013	2014	2015	2016	2017	Percent of Crashes
Fatal	0	0	0	0	0	0.0%
Serious Injury	0	0	0	0	0	0.0%
Other Injury	0	0	4	2	1	18.9%
Property Damage Only	6	1	3	11	9	81.1%
Total Crashes	6	1	7	13	10	100.0%

Crash by Involvement

Crash by Involvement	2013	2014	2015	2016	2017	Percent of Crashes
Red-light Running	0	0	0	1	1	5.4%
Lane Departure	0	0	0	1	1	5.4%
Alcohol	0	0	0	0	1	2.7%
Drugs	0	0	0	0	0	0.0%
Deer	1	0	0	0	1	5.4%
Train	0	0	0	0	0	0.0%
Commercial Truck/Bus	0	0	0	0	0	0.0%
School Bus	0	0	0	0	0	0.0%
Emergency Vehicle	0	0	0	0	0	0.0%
Motorcycle	0	0	0	0	0	0.0%
Intersection	4	1	6	11	5	73.0%
Work Zone	0	0	0	0	0	0.0%
Pedestrian	0	0	0	0	0	0.0%

Crash by Involvement	2013	2014	2015	2016	2017	Percent of Crashes
Bicyclist	0	0	0	1	0	2.7%
Disctracted Driver	0	0	0	0	2	5.4%
Older Driver (65 and older)	0	0	3	6	0	24.3%
Young Driver (16 to 24)	1	1	2	5	1	27.0%