

**Table A1**  
**TH 210/TH 371 Interchange Study**  
**2019 to 2021 Crash Data**  
**MnDOT Crash Mapping Software Information**



Study Intersections							Crash Severity						INTERSECTION CRASH RATE INFORMATION				FATAL AND SEV A RATE INFORMATION		
							Fatal	A	B	C	Property	Total	Crash Rate	Critical Rates	Critical Index	MnDOT Average	FAR Rate	Critical Rates	MnDOT Average
TH 210 at TH 371**	S	'11'SS4:SS500	51.56	Signal (4)	47,050	1	0	7	18	86	112	2.17	0.72	3.01	0.47	1.94	2.79	0.53	
TH 210 at Elder Drive	S	'21'SS4:SS500	20.55	Other	18,750	0	0	0	5	30	35	1.70	0.38	4.48	0.14	0.00	3.72	0.16	
TH 210 at Golf Rd	S	'31'SS4:SS500	33.69	Other	30,750	0	0	0	1	8	9	0.27	0.32	0.84	0.14	0.00	2.52	0.16	
TH 210 at Cypress Dr**	S	'41'SS4:SS500	33.04	Signal (4)	30,150	1	1	4	1	10	17	0.51	0.79	0.65	0.47	6.05	3.66	0.53	
TH 371 at Excelsior Rd**	S	'51'SS4:SS500	37.69	Signal (4)	34,400	0	0	0	7	30	37	0.98	0.76	1.28	0.47	0.00	3.37	0.53	
<b>TOTAL</b>						<b>2</b>	<b>1</b>	<b>11</b>	<b>32</b>	<b>164</b>	<b>210</b>								
						1%	0%	5%	15%	78%	100%								

  

MnDOT Statewide Average Rates (2015 Data; 3-Year)*	
Intersection Type	Crash Rate
Rural Thru/Stop	0.26
All-way Stop	0.34

  

Critical Rate Exceeded	Critical Index ≥ 1	Average Rate Exceeded
	Critical Index ≥ 0.85	

  

Critical FAR Rate Exceeded	Average FAR Rate Exceeded

NOTES:  
 \*\*Signalized Intersections  
 Crash Rates - Number of crashes per million entering vehicles  
 Exceeding the Calculated Critical Rates indicated a sustained crash problem.  
 Lincoln Ave signal removed in 2020; analysis on previous control type.

**Table A2**  
**TH 210/TH 371 Interchange Study**  
**2019 to 2021 Crash Data**  
**MnDOT Crash Mapping Software Information**

Study Intersections	Diagram - Crash Type							Pedestrian / Bicycle Crashes	
	Rear End	Right Angle	Sideswipe	Head On	Single Vehicle	Other	Total	Pedestrian	Bicycle
TH 210 at TH 371**	95	5	5	1	2	4	112	1	0
TH 210 at Elder Drive	30	1	3	0	1	0	35	0	0
TH 210 at Golf Rd	8	0	1	0	0	0	9	0	0
TH 371 at Excelsior Rd**	28	3	3	2	1	0	37	0	0
<b>TOTAL</b>	<b>161</b>	<b>9</b>	<b>12</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>193</b>	<b>1</b>	<b>0</b>
	83%	5%	6%	2%	2%	2%	100%		