










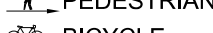



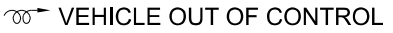




← DATE, TIME, LIGHT, WEATHER →			 OVERTURN  FIRE OR EXPLOSION  MOVING VEHICLE  REAR END  BACKING VEHICLE  COLLISION WITH FIXED OBJECT  SIDE SWIPE SAME DIRECTION  SIDE SWIPE OPPOSITE DIRECTION			 PARKED VEHICLE  MOTORCYCLE  DEER  PEDESTRIAN  BICYCLE  FIXED OBJECT  RIGHT ANGLE			 VEHICLE OUT OF CONTROL  LEFT TURN INTO ONCOMING TRAFFIC			ADT: 10997 (TMC 2632) ACCIDENT RATE: 0.45 CR INDEX: 1.32 SEVERITY RATE: 0.85 FAR INDEX: 1.76		
<b>LIGHT</b>	<b>WEATHER</b>	<b>SEVERITY CODE</b>	 <b>ANOKA COUNTY HIGHWAY DEPT.</b>			<b>COLLISION DIAGRAM</b>								
L = LIGHT DN = DAWN DU = DUSK D = DARK X = UNKNOWN	C = CLEAR CL = CLOUDY R = RAIN S = SNOW/SLEET X = OTHER/UNKNOWN	(N) PROPERTY DAMAGE (C) POSSIBLE INJURY (B) MINOR INJURY (A) SERIOUS INJURY (K) FATALITY							CSAH 78 (FLAMINGO ST) @ CSAH 22 (VIKING BLVD) JAN 2021 TO DEC 2025					
						Sheet <u>  1  </u> of <u>  1  </u> Sheets								

## ACCIDENT AND SEVERITY RATES FOR AN INTERSECTION

Intersection:	CSAH 78 @ CSAH 22	
Study Start Date:	01/01/2021	
Study End Date:	12/31/2025	
Length of study in years:	5.00	Days = 1825
Intersection ADT:	10997	Weighted
Number of Fatal Accidents:	0	Total Accidents = 9
Number of "A" P.I. Accidents:	2	Total Fatal Accidents = 0
Number of "B" P.I. Accidents:	1	Total "A" Injury Accidents = 2
Number of "C" P.I. Accidents:	0	Total "B" Injury Accidents = 1
Number of Property Damage Accidents:	6	Total "C" Injury Accidents = 0
		Total Property Damage Accidents = 6
		Sum of weighted accidents = 17
Accident Rate (AR) =	0.45	
Severity Rate (SR) =	0.85	

# Intersection Safety Screening

Intersection: CSAH 78 @ CSAH 22

---

*Statewide Averages based on 2018-2022 crashes*

Crashes by Crash Severity	
Fatal (K)	0
Serious Injury (A)	2
Minor Injury (B)	1
Possible Injury (C)	0
Property Damage (PDO)	6
Total Crashes	9

Intersection Characteristics	
Entering Volume	10,997
Environment	Rural
Lighting	Lit
Traffic Control	Thru-Stop

*Annual crash cost* = \$388,000

*Statewide comparison* = Rural, Thru/STOP

Total Crash Rate	
Observed	0.448
Statewide Average	0.116
Critical Rate	0.340
<b>Critical Index</b>	<b>1.32</b>

Fatal & Serious Injury Crash Rate	
Observed	9.960
Statewide Average	0.726
Critical Rate	5.650
<b>Critical Index</b>	<b>1.76</b>

*The observed crash rate is the number of crashes per million entering vehicles (MEV). The critical rate is a statistical comparison based on similar intersections statewide. An observed crash rate greater than the critical rate indicates that the intersection operates outside the expected, normal range. The critical index reports the magnitude of this difference (i.e. observed crash rate ÷ critical crash rate).*

*The observed total crash rate for this period is 0.45 per MEV; this is 1.3 times the critical rate. If crashes were reduced by 3 over five years, this intersection would perform within normal range.*

*The observed fatal and serious injury crash rate for this period is 9.96 per 100 MEV; this is 1.8 times the critical rate. This site may be a sustained severe crash location.*