



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: 10554 (TMC 2592) ACCIDENT RATE: 0.44 CR INDEX: 0.75 SEVERITY RATE: 0.83 FAR INDEX: 0.00
<b>LIGHT</b>	<b>WEATHER</b>	<b>SEVERITY CODE</b>	<b>ANOKA COUNTY HIGHWAY DEPT.</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			
					Sheet <u>  1  </u> of <u>  1  </u> Sheets

## ACCIDENT AND SEVERITY RATES FOR AN INTERSECTION

Intersection:	CSAH 12 @ Xeon Blvd	
Study Start Date:	01/01/2021	
Study End Date:	04/29/2026	
Length of study in years:	5.33	Days = 1944.639    Weighted
Intersection ADT:	10554	Total Accidents = 9
Number of Fatal Accidents:	0	Total Fatal Accidents = 0            0
Number of "A" P.I. Accidents:	0	Total "A" Injury Accidents = 0        0
Number of "B" P.I. Accidents:	3	Total "B" Injury Accidents = 3        9
Number of "C" P.I. Accidents:	2	Total "C" Injury Accidents = 2        4
Number of Property Damage Accidents:	4	Total Property Damage Accidents = 4    4
		Sum of weighted accidents = 17
Accident Rate (AR) =	0.44	
Severity Rate (SR) =	0.83	

# Intersection Safety Screening

Intersection: CSAH 12 @ Xeon Blvd

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*Statewide Averages based on 2018-2022 crashes*

Crashes by Crash Severity	
Fatal (K)	0
Serious Injury (A)	0
Minor Injury (B)	3
Possible Injury (C)	2
Property Damage (PDO)	4
<b>Total Crashes</b>	<b>9</b>

Intersection Characteristics	
Entering Volume	10,554
Environment	Rural
Lighting	Lit
Traffic Control	All-way Stop

*Annual crash cost* = \$214,000

*Statewide comparison* = All-way STOP

Total Crash Rate	
Observed	0.467
Statewide Average	0.281
Critical Rate	0.620
<b>Critical Index</b>	<b>0.75</b>

Fatal & Serious Injury Crash Rate	
Observed	0.000
Statewide Average	0.233
Critical Rate	4.240
<b>Critical Index</b>	<b>0.00</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 0.47 per MEV; this is 25% below the critical rate. Based on similar statewide intersections, an additional 3 crashes over the five years would indicate this intersection operates outside the normal range.*

*The observed fatal and serious injury crash rate for this period is 0.00 per 100 MEV; this is 100% below the critical rate. The intersection operates within the normal range.*