



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: 10077 (TMC 2247) ACCIDENT RATE: 0.40 CR INDEX: 1.86 SEVERITY RATE: 0.80 FAR INDEX: 0.91
LIGHT	WEATHER	SEVERITY CODE	ANOKA COUNTY HIGHWAY DEPT.			COLLISION DIAGRAM
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 17 (LEXINGTON AVE) @ CR 60 (CONSTANCE BLVD) JAN 2018 TO FEB 2026

ACCIDENT AND SEVERITY RATES FOR AN INTERSECTION

Intersection:	CSAH 17 @ CR 60	
Study Start Date:	01/01/2018	
Study End Date:	03/02/2026	
Length of study in years:	8.17	Days = 2981.847 Weighted
Intersection ADT:	10077	Total Accidents = 12
Number of Fatal Accidents:	0	Total Fatal Accidents = 0 0
Number of "A" P.I. Accidents:	1	Total "A" Injury Accidents = 1 4
Number of "B" P.I. Accidents:	4	Total "B" Injury Accidents = 4 12
Number of "C" P.I. Accidents:	1	Total "C" Injury Accidents = 1 2
Number of Property Damage Accidents:	6	Total Property Damage Accidents = 6 6
		Sum of weighted accidents = 24
Accident Rate (AR) =	0.40	
Severity Rate (SR) =	0.80	

Intersection Safety Screening

Intersection: CSAH 17 @ CR 60

Statewide Averages based on 2018-2022 crashes

Crashes by Crash Severity	
Fatal (K)	0
Serious Injury (A)	1
Minor Injury (B)	4
Possible Injury (C)	1
Property Damage (PDO)	6
Total Crashes	12

Intersection Characteristics	
Entering Volume	10,077
Environment	Rural
Lighting	Lit
Traffic Control	Thru-Stop

Annual crash cost = \$404,000

Statewide comparison = Rural, Thru/STOP

Total Crash Rate	
Observed	0.652
Statewide Average	0.116
Critical Rate	0.350
Critical Index	1.86

Fatal & Serious Injury Crash Rate	
Observed	5.435
Statewide Average	0.726
Critical Rate	5.990
Critical Index	0.91

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 0.65 per MEV; this is 1.9 times the critical rate. If crashes were reduced by 6 over five years, this intersection would perform within normal range.

The observed fatal and serious injury crash rate for this period is 5.44 per 100 MEV; this is 9% below the critical rate. The intersection operates within the normal range.