



















05/26/23 (9-10 PM) D, C 

CSAH 12 (109TH AVE)

← 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



**ANOKA COUNTY
HIGHWAY DEPT.**

ADT: 12723
ACCIDENT RATE: 0.06 CR INDEX: 0.13
SEVERITY RATE: 0.06 FAR INDEX: 0.00

**COLLISION
DIAGRAM**

CSAH 12 (109TH AVE) @
AUSTIN ST
JAN 2020 TO JUNE 2023

Intersection Safety Screening

Intersection: CSAH 12 @ Austin St

Statewide Averages based on 2016-2020 crashes

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

Intersection Characteristics	
Entering Volume	12,723
Environment	Urban
Lighting	Lit
Traffic Control	Thru-Stop

Annual crash cost = \$2,600

Statewide comparison = Urban, Thru/STOP

Total Crash Rate	
Observed	0.043
Statewide Average	0.128
Critical Rate	0.340
Critical Index	0.13

Fatal & Serious Injury Crash Rate	
Observed	0.000
Statewide Average	0.311
Critical Rate	3.940
Critical Index	0.00

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 0.04 per MEV; this is 87% below the critical rate. Based on similar statewide intersections, an additional 7 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.

ACCIDENT AND SEVERITY RATES FOR AN INTERSECTION

Intersection:	CSAH 12 @ Austin St		
Study Start Date:	01/01/2020		
Study End Date:	06/30/2023		
Length of study in years:	3.50	Days = 1276.486	Weighted
Intersection ADT:	12723	Total Accidents = 1	
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:	0	Total "B" Injury Accidents = 0	0
Number of "C" P.I. Accidents:	0	Total "C" Injury Accidents = 0	0
Number of Property Damage Accidents:	1	Total Property Damage Accidents = 1	1
		Sum of weighted accidents =	1
Accident Rate (AR) =	0.06		
Severity Rate (SR) =	0.06		