



DATE, TIME, LIGHT, WEATHER

LIGHT	WEATHER	SEVERITY CODE
L = LIGHT DN = DAWN DU = DUSK D = DARK X = UNKNOWN	C = CLEAR CL = CLOUDY R = RAIN S = SNOW/SLEET X = OTHER/UNKNOWN	○ PROPERTY DAMAGE ⊙ POSSIBLE INJURY ⊕ MINOR INJURY ⊖ SERIOUS INJURY ● FATALITY

- ☒ 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: 17702
ACCIDENT RATE: 0.41
SEVERITY RATE: 0.79

CR INDEX: 0.44
FAR INDEX: 0.75

ANOKA COUNTY HIGHWAY DEPT.

COLLISION DIAGRAM

CSAH 116 AT CSAH 57
FROM 01/01/2018 TO
06/30/2022

Sheet 1 of 1 Sheets

ACCIDENT AND SEVERITY RATES FOR AN INTERSECTION

Intersection:	CSAH 116 @ CSAH 57		
Study Start Date:	01/01/2018		
Study End Date:	06/30/2022		
Length of study in years:	4.50	Days = 1641.486	Weighted
Intersection ADT:	17702	Total Accidents = 12	
Number of Fatal Accidents:	1	Total Fatal Accidents = 1	5
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:	7	Total "C" Injury Accidents = 7	14
Number of Property Damage Accidents:	4	Total Property Damage Accidents = 4	4
		Sum of weighted accidents =	23
Accident Rate (AR) =	0.41		
Severity Rate (SR) =	0.79		

Intersection Safety Screening

Intersection: CSAH 116 (BUNKER LAKE BLVD) @ CSAJ 57 (SUNFISH LAKE BLVD)

Statewide Averages based on 2016-2020 crashes

Crashes by Crash Severity	
Fatal (K)	1
Serious Injury (A)	0
Minor Injury (B)	0
Possible Injury (C)	7
Property Damage (PDO)	4
Total Crashes	12

Intersection Characteristics	
Entering Volume	17,702
Environment	Urban
Lighting	Lit
Traffic Control	Signal

Annual crash cost = \$478,400

Statewide comparison = Signal, Low Volume (<=20K)

Total Crash Rate	
Observed	0.371
Statewide Average	0.508
Critical Rate	0.850
Critical Index	0.44

Fatal & Serious Injury Crash Rate	
Observed	3.092
Statewide Average	0.690
Critical Rate	4.110
Critical Index	0.75