



- ←←← BACKING VEHICLE
- BICYCLE
- COLLISION WITH FALLING OBJECT
- COLLISION WITH FIXED OBJECT
- DEER
- HEAD ON
- LEFT TURN INTO ONCOMING TRAFFIC
- MOTORCYCLE
- MOVING VEHICLE
- OVERTURN
- ▭ PARKED VEHICLE
- PEDESTRIAN
- REAR END
- RIGHT ANGLE
- SIDE SWIPE SAME DIRECTION
- SIDE SWIPE OPPOSITE DIRECTION
- VEHICLE OUT OF CONTROL

DATE, TIME, LIGHT, WEATHER, SURFACE			SEVERITY CODE		CORRIDOR	INTERSECTION	CSAH 11 (FOLEY BLVD) AT 105TH LN DATE: 1-1-18 TO 12-31-22	
LIGHT	WEATHER	SURFACE	(A) INCAPACITATING INJURY	(K) FATALITY	ADT: _____	ADT: <u>13,413</u>	ANOKA COUNTY HIGHWAY DEPARTMENT	
L = DAYLIGHT	C = CLEAR	D = DRY	(B) NON-INCAPACITATING INJURY	(N) PROPERTY DAMAGE	ACCIDENT RATE: _____	ACCIDENT RATE: <u>.16</u>		
D = DARK	R = RAIN	S = SNOW/ICE	(C) POSSIBLE INJURY		SEVERITY RATE: _____	SEVERITY RATE: <u>.20</u>		
DN = DAWN	S = SNOW/SLEET	W = WET			CR INDEX: _____	CR INDEX: <u>.49</u>		
DU = DUSK	X = OTHER/UNKNOWN	X = OTHER/UNKNOWN			FAR INDEX: _____	FAR INDEX: <u>.00</u>	Sheet <u>7</u> of <u>12</u> Sheets	
X = UNKNOWN	Y = CLOUDY							

ACCIDENT AND SEVERITY RATES FOR AN INTERSECTION

Intersection:	CSAH 11 @ 105TH LN		
Study Start Date:	01/01/2018		
Study End Date:	12/31/2022		
Length of study in years:	5.00	Days = 1825	Weighted
Intersection ADT:	13413	Total Accidents = 4	
Number of "K" Fatal Accidents:	0	Total "K" 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:	1	Total "C" Injury Accidents = 1	2
Number of "N" Property Damage Accidents:	3	Total "N" Property Damage Accidents = 3	3
		Sum of weighted accidents =	5
Accident Rate (AR) =	0.16		
Severity Rate (SR) =	0.20		

Intersection Safety Screening

Intersection: CSAH 11 (FOLEY BVLD) @ 105TH LN

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)	1
Property Damage (N)	3
Total Crashes	4

Intersection Characteristics	
Entering Volume	13,413
Environment	Urban
Lighting	Lit
Traffic Control	Thru-Stop

Annual crash cost = \$31,800

Statewide comparison = Urban, Thru/STOP

Total Crash Rate	
Observed	0.163
Statewide Average	0.128
Critical Rate	0.330
Critical Index	0.49

Fatal & Serious Injury Crash Rate	
Observed	0.000
Statewide Average	0.311
Critical Rate	3.800
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 0.16 per MEV; this is 51% below the critical rate. Based on similar statewide intersections, an additional 5 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.