



CSAH 11 (NORTHDALE BLVD)

CSAH 11 (FOLEY BLVD)

11-9-22 (9-10 PM) D-R-W

10-9-22 (5-6 PM) L-C-D

5-31-22 (9-10 AM) L-Y-D

5-16-22 (2-3 PM) L-C-D

3-20-21 (4-5 PM) L-C-D

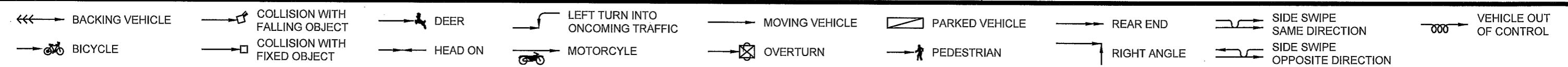
1-11-18 (5-6 PM) L-Y-S

6-26-22 (2-3 PM) L-C-D

SEMAPHORE

FOLEY BLVD

CSAH 12 (NORTHDALE BLVD)



DATE, TIME, LIGHT, WEATHER, SURFACE			SEVERITY CODE		CORRIDOR	INTERSECTION	CSAH 11 (FOLEY BLVD) AT NORTHDALE BLVD	
LIGHT	WEATHER	SURFACE	(A) INCAPACITATING INJURY	(K) FATALITY	ADT: _____	ADT: <u>17,525</u>	DATE: <u>1-1-18 TO 12-31-22</u>	
L = DAYLIGHT D = DARK DN = DAWN DU = DUSK X = UNKNOWN	C = CLEAR R = RAIN S = SNOW/SLEET X = OTHER/UNKNOWN Y = CLOUDY	D = DRY S = SNOW/ICE W = WET X = OTHER/UNKNOWN	(B) NON-INCAPACITATING INJURY	(N) PROPERTY DAMAGE	ACCIDENT RATE: _____	ACCIDENT RATE: <u>.22</u>	ANOKA COUNTY HIGHWAY DEPARTMENT	
			(C) POSSIBLE INJURY		SEVERITY RATE: _____	SEVERITY RATE: <u>.38</u>		
					CR INDEX: _____	CR INDEX: <u>.26</u>	Sheet <u>12</u> of <u>12</u> Sheets	
					FAR INDEX: _____	FAR INDEX: <u>.76</u>		

ACCIDENT AND SEVERITY RATES FOR AN INTERSECTION

Intersection:	CSAH 11 @ NORTHDALE BLVD		
Study Start Date:	01/01/2018		
Study End Date:	12/31/2022		
Length of study in years:	5.00	Days = 1825	Weighted
Intersection ADT:	17525	Total Accidents = 7	
Number of "K" Fatal Accidents:	0	Total "K" Fatal Accidents = 0	0
Number of "A" P.I. Accidents:	1	Total "A" Injury Accidents = 1	4
Number of "B" P.I. Accidents:	0	Total "B" Injury Accidents = 0	0
Number of "C" P.I. Accidents:	2	Total "C" Injury Accidents = 2	4
Number of "N" Property Damage Accidents:	4	Total "N" Property Damage Accidents = 4	4
		Sum of weighted accidents =	12
Accident Rate (AR) =	0.22		
Severity Rate (SR) =	0.38		

Intersection Safety Screening

Intersection: CSAH 11 (FOLEY BLVD) @ NORTHDALE BLVD

Statewide Averages based on 2016-2020 crashes

Crashes by Crash Severity	
Fatal (K)	0
Serious Injury (A)	1
Minor Injury (B)	0
Possible Injury (C)	2
Property Damage (N)	4
Total Crashes	7

Intersection Characteristics	
Entering Volume	17,525
Environment	Urban
Lighting	Lit
Traffic Control	Signal

Annual crash cost = \$208,400

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

Total Crash Rate	
Observed	0.219
Statewide Average	0.508
Critical Rate	0.850
Critical Index	0.26

Fatal & Serious Injury Crash Rate	
Observed	3.123
Statewide Average	0.690
Critical Rate	4.130
Critical Index	0.76

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 0.22 per MEV; this is 74% below the critical rate. Based on similar statewide intersections, an additional 21 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 3.12 per 100 MEV; this is 24% below the critical rate. The intersection operates within the normal range.