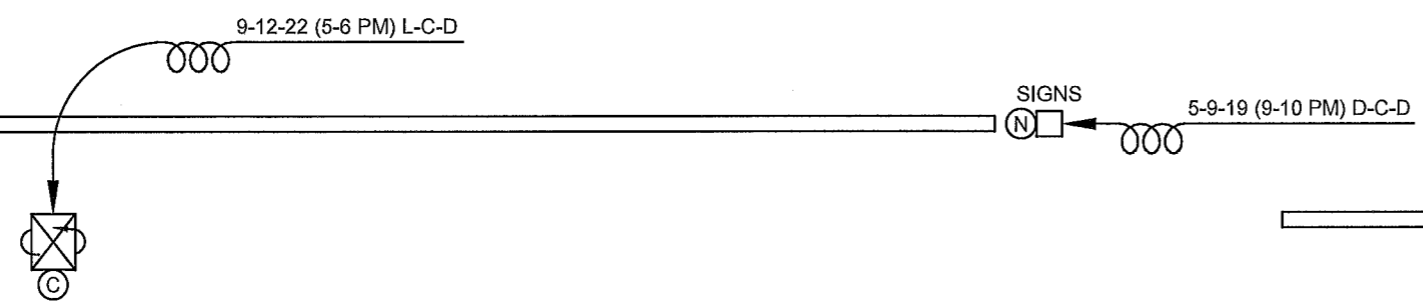
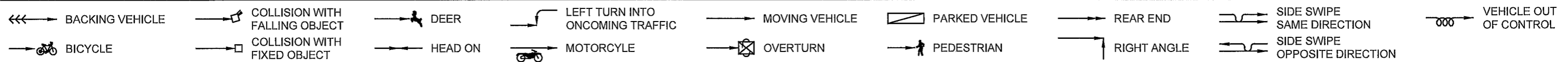




105TH AVE  
 2-3-19 (4-5 PM) L-Y-D  
 (B)



(B)  
 6-26-21 (3-4 PM) L-R-W  
 105TH AVE




DATE, TIME, LIGHT, WEATHER, SURFACE		
LIGHT	WEATHER	SURFACE
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

SEVERITY CODE	
(A) INCAPACITATING INJURY	(K) FATALITY
(B) NON-INCAPACITATING INJURY	(N) PROPERTY DAMAGE
(C) POSSIBLE INJURY	

CORRIDOR
ADT: _____
ACCIDENT RATE: _____
SEVERITY RATE: _____
CR INDEX: _____
FAR INDEX: _____

INTERSECTION
ADT: 13,413
ACCIDENT RATE: <u>.16</u>
SEVERITY RATE: <u>.37</u>
CR INDEX: <u>.49</u>
FAR INDEX: <u>.00</u>

**CSAH 11 (FOLEY BLVD) AT 105TH AVE**  
 DATE: 1-1-18 TO 12-31-22



**ANOKA COUNTY  
HIGHWAY DEPARTMENT**

**COLLISION  
DIAGRAM**

Sheet 6 of 12 Sheets

## ACCIDENT AND SEVERITY RATES FOR AN INTERSECTION

Intersection: CSAH 11 @ 105TH AVE			
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:	2	Total "B" Injury Accidents = 2	6
Number of "C" P.I. Accidents:	1	Total "C" Injury Accidents = 1	2
Number of "N" Property Damage Accidents:	1	Total "N" Property Damage Accidents = 1	1
		Sum of weighted accidents =	9
Accident Rate (AR) =	0.16		
Severity Rate (SR) =	0.37		

# Intersection Safety Screening

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

*Statewide Averages based on 2016-2020 crashes*

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

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

*Annual crash cost = \$118,600*

*Statewide comparison = Urban, Thru/STOP*

Total Crash Rate	
Observed	0.163
Statewide Average	0.128
Critical Rate	0.330
<b>Critical Index</b>	<b>0.49</b>

Fatal & Serious Injury Crash Rate	
Observed	0.000
Statewide Average	0.311
Critical Rate	3.800
<b>Critical Index</b>	<b>0.00</b>

*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.*