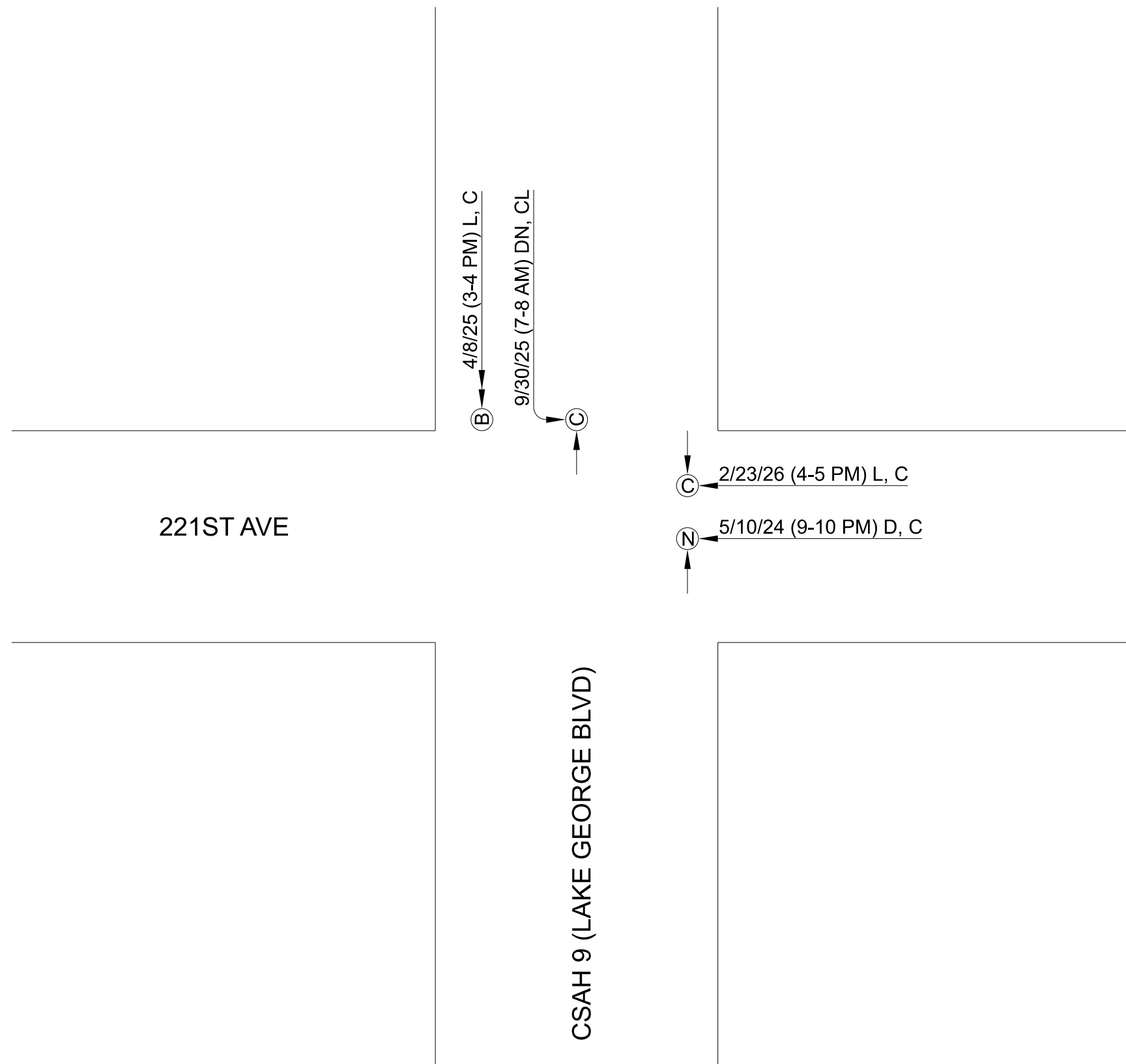




DRAWING NOT TO SCALE



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		ADT: 9024 ACCIDENT RATE: 0.23 CR INDEX: 0.68 SEVERITY RATE: 0.46 FAR INDEX: 0.00
LIGHT	WEATHER	SEVERITY CODE	ANOKA COUNTY HIGHWAY DEPT.		COLLISION DIAGRAM	CSAH 9 (LAKE GEORGE BLVD) @ 221ST AVE 01/01/2021 TO 03/29/2026 Sheet <u> 1 </u> of <u> 1 </u> Sheets	
L = LIGHT DN = DAWN DU = DUSK D = DARK X = UNKNOWN	C = CLEAR CL = CLOUDY R = RAIN S = SNOW/SLEET X = OTHER/UNKNOWN	(N) PROPERTY DAMAGE (C) POSSIBLE INJURY (B) MINOR INJURY (A) SERIOUS INJURY (K) FATALITY					

ACCIDENT AND SEVERITY RATES FOR AN INTERSECTION

Intersection:	CSAH 9 @ 221st Ave	
Study Start Date:	01/01/2021	
Study End Date:	03/30/2026	
Length of study in years:	5.25	Days = 1915.236 Weighted
Intersection ADT:	9024	Total Accidents = 4
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:	1	Total "B" Injury Accidents = 1 3
Number of "C" P.I. Accidents:	2	Total "C" Injury Accidents = 2 4
Number of Property Damage Accidents:	1	Total Property Damage Accidents = 1 1
		Sum of weighted accidents = 8
Accident Rate (AR) =	0.23	
Severity Rate (SR) =	0.46	

Intersection Safety Screening

Intersection: CSAH 9 @ 221st Ave

Statewide Averages based on 2018-2022 crashes

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

Intersection Characteristics	
Entering Volume	9,024
Environment	Rural
Lighting	Lit
Traffic Control	Thru-Stop

Annual crash cost = \$105,000

Statewide comparison = Rural, Thru/STOP

Total Crash Rate	
Observed	0.243
Statewide Average	0.116
Critical Rate	0.360
Critical Index	0.68

Fatal & Serious Injury Crash Rate	
Observed	0.000
Statewide Average	0.726
Critical Rate	6.450
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 0.24 per MEV; this is 32% below the critical rate. Based on similar statewide intersections, an additional 2 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.