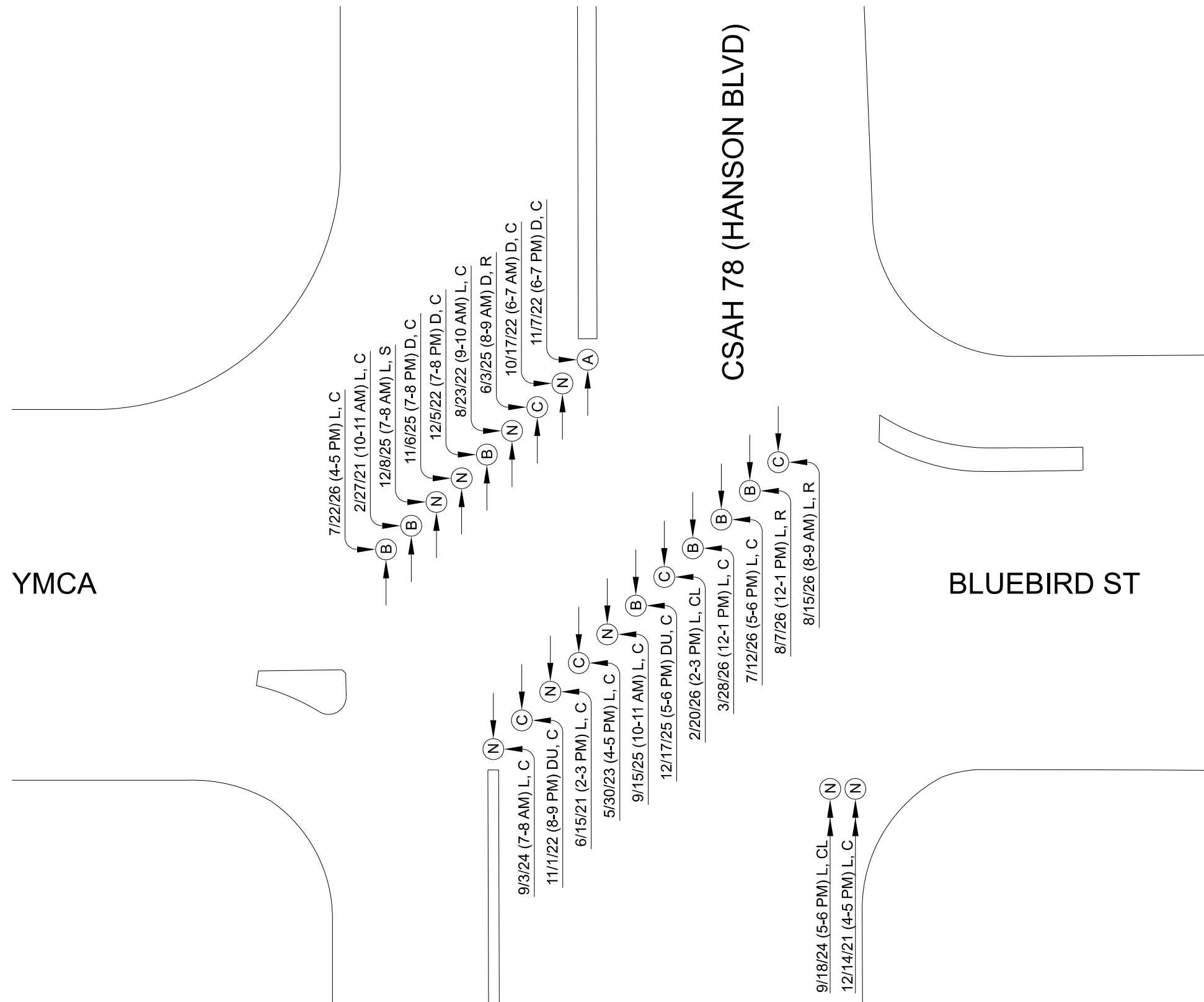




DATE, TIME, LIGHT, WEATHER			OVERTURN FIRE OR EXPLOSION MOVING VEHICLE REAR END BACKING VEHICLE COLLISION WITH FIXED OBJECT SIDE SWIPE SAME DIRECTION SIDE SWIPE OPPOSITE DIRECTION			PARKED VEHICLE MOTORCYCLE DEER PEDESTRIAN BICYCLE FIXED OBJECT RIGHT ANGLE VEHICLE OUT OF CONTROL LEFT TURN INTO ONCOMING TRAFFIC			ADT: 16200 (TMC 2601) ACCIDENT RATE: 0.66 CR INDEX: 2.25 SEVERITY RATE: 1.32 FAR INDEX: 0.99		
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	(N) PROPERTY DAMAGE (C) POSSIBLE INJURY (B) MINOR INJURY (A) SERIOUS INJURY (K) FATALITY							ANOKA COUNTY HIGHWAY DEPT.		
						COLLISION DIAGRAM			CSAH 78 (HANSON BLVD) @ BLUEBIRD ST JAN 2021 TO AUG 17, 2026		
									Sheet <u>1</u> of <u>1</u> Sheets		

ACCIDENT AND SEVERITY RATES FOR AN INTERSECTION

Intersection:	CSAH 78 @ Bluebird St		
Study Start Date:	01/01/2021		
Study End Date:	08/17/2026		
Length of study in years:	5.63	Days = 2054.139	Weighted
Intersection ADT:	16200	Total Accidents =	22
Number of Fatal Accidents:	0	Total Fatal Accidents =	0
Number of "A" P.I. Accidents:	1	Total "A" Injury Accidents =	4
Number of "B" P.I. Accidents:	7	Total "B" Injury Accidents =	21
Number of "C" P.I. Accidents:	5	Total "C" Injury Accidents =	10
Number of Property Damage Accidents:	9	Total Property Damage Accidents =	9
		Sum of weighted accidents =	44
Accident Rate (AR) =	0.66		
Severity Rate (SR) =	1.32		

Intersection Safety Screening

Intersection: CSAH 78 @ Bluebird St

Statewide Averages based on 2018-2022 crashes

Crashes by Crash Severity	
Fatal (K)	0
Serious Injury (A)	1
Minor Injury (B)	7
Possible Injury (C)	5
Property Damage (PDO)	9
Total Crashes	22

Intersection Characteristics	
Entering Volume	16,200
Environment	Urban
Lighting	Lit
Traffic Control	Thru-Stop

Annual crash cost = \$667,000

Statewide comparison = Urban, Thru/STOP

Total Crash Rate	
Observed	0.744
Statewide Average	0.138
Critical Rate	0.330
Critical Index	2.25

Fatal & Serious Injury Crash Rate	
Observed	3.381
Statewide Average	0.350
Critical Rate	3.430
Critical Index	0.99

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 0.74 per MEV; this is 2.3 times the critical rate. If crashes were reduced by 13 over five years, this intersection would perform within normal range.

The observed fatal and serious injury crash rate for this period is 3.38 per 100 MEV; this is 1% below the critical rate. The intersection operates within the normal range.