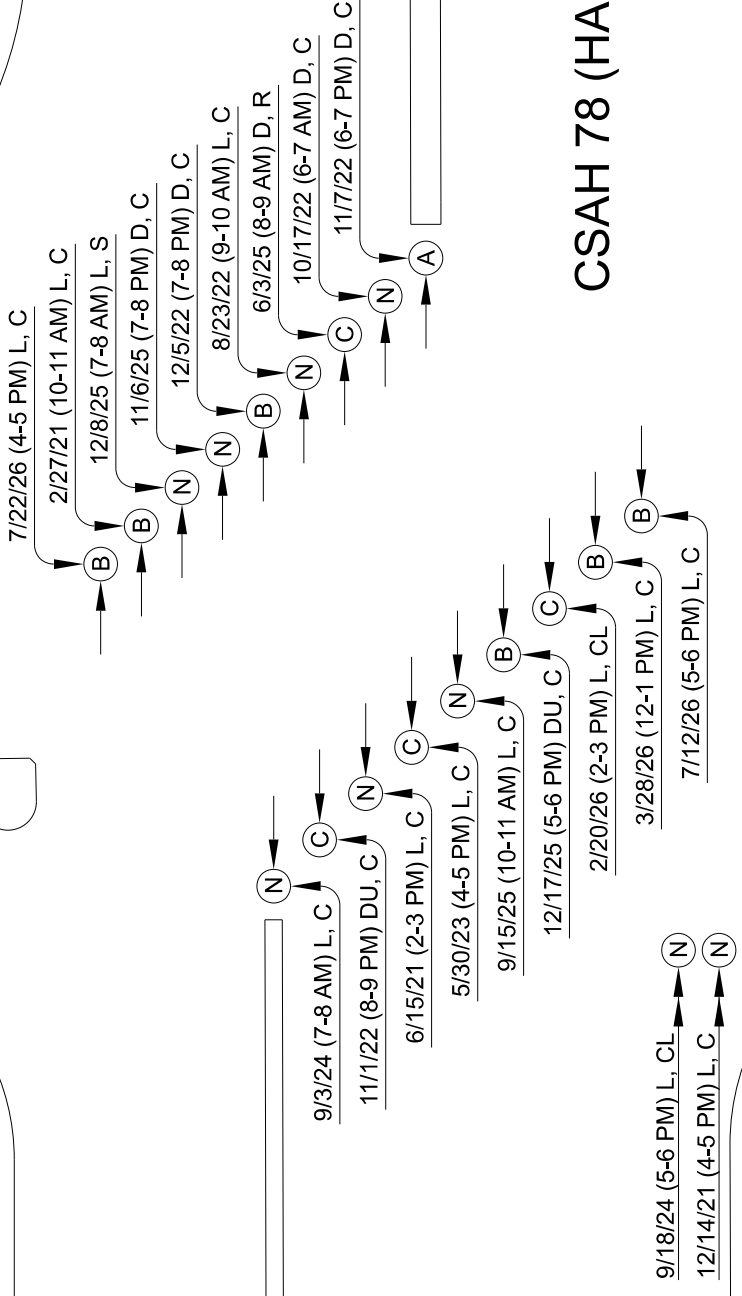


YMCA

CSAH 78 (HANSON BLVD)

BLUEBIRD ST



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: 0.61 CR INDEX: 2.05 SEVERITY RATE: 1.18 FAR INDEX: 0.99	
LIGHT	WEATHER	SEVERITY CODE	 PROPERTY DAMAGE  POSSIBLE INJURY  MINOR INJURY  SERIOUS INJURY FATALITY  ANOKA COUNTY HIGHWAY DEPT. COLLISION DIAGRAM CSAH 78 (HANSON BLVD) @ BLUEBIRD ST JAN 2021 TO AUG 2, 2026		
L = LIGHT DN = DAWN DU = DUSK D = DARK X = UNKNOWN	C = CLEAR CL = CLOUDY R = RAIN S = SNOW/SLEET X = OTHER/UNKNOWN		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:	08/02/2026		
Length of study in years:	5.59	Days = 2038.931	Weighted
Intersection ADT:	16200	Total Accidents =	20
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:	6	Total "B" Injury Accidents =	18
Number of "C" P.I. Accidents:	4	Total "C" Injury Accidents =	8
Number of Property Damage Accidents:	9	Total Property Damage Accidents =	9
		Sum of weighted accidents =	39
Accident Rate (AR) =	0.61		
Severity Rate (SR) =	1.18		

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)	6
Possible Injury (C)	4
Property Damage (PDO)	9
Total Crashes	20

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

Annual crash cost = \$591,000

Statewide comparison = Urban, Thru/STOP

Total Crash Rate	
Observed	0.676
Statewide Average	0.138
Critical Rate	0.330
Critical Index	2.05

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 0.68 per MEV; this is 2.1 times the critical rate. If crashes were reduced by 11 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.