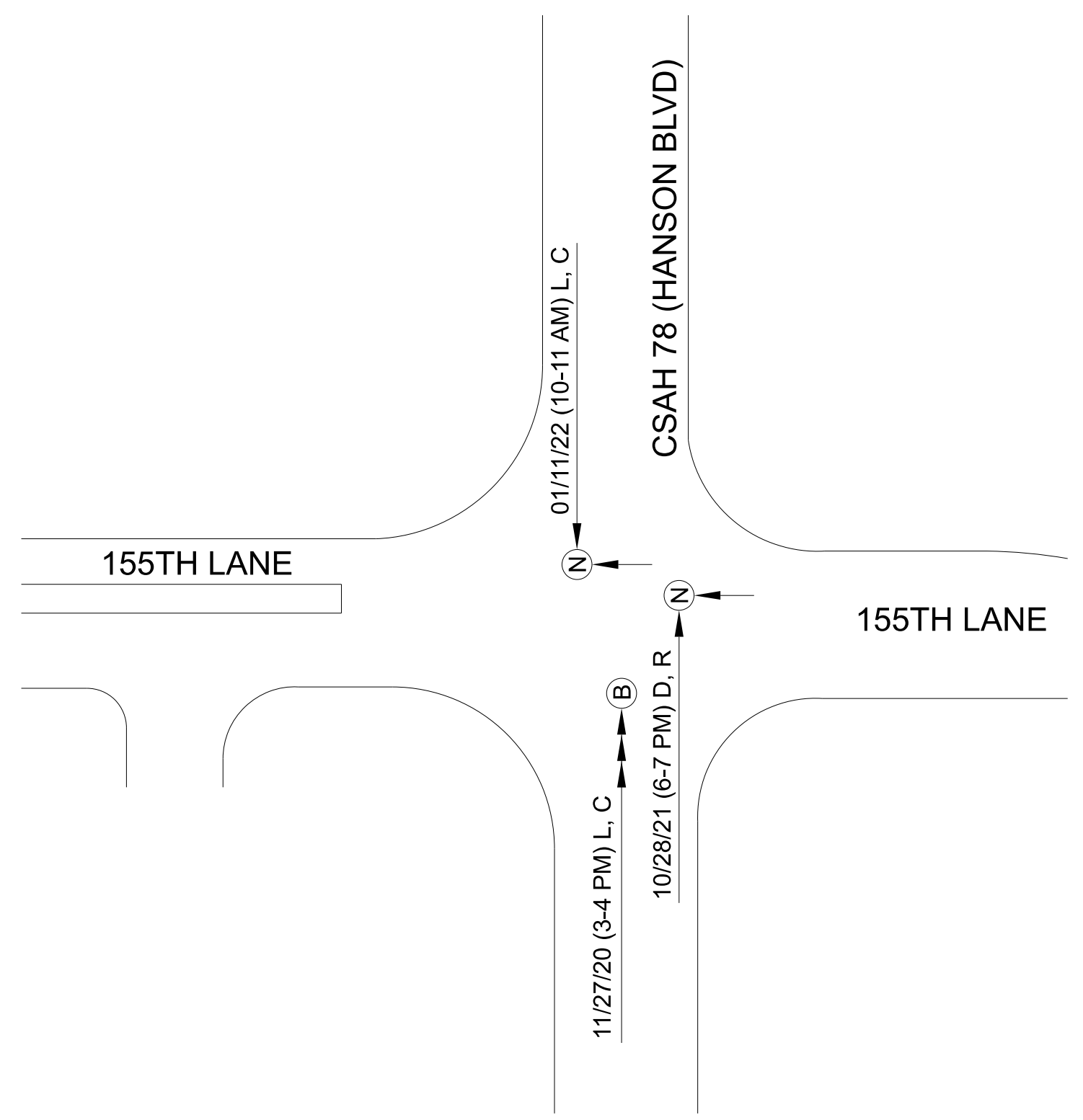




DRAWING NOT TO SCALE



DATE, TIME, LIGHT, WEATHER

LIGHT

L = LIGHT
 DN = DAWN
 DU = DUSK
 D = DARK
 X = UNKNOWN

WEATHER

C = CLEAR
 CL = CLOUDY
 R = RAIN
 S = SNOW/SLEET
 X = OTHER/UNKNOWN

SEVERITY CODE

N PROPERTY DAMAGE
 C POSSIBLE INJURY
 B MINOR INJURY
 A SERIOUS INJURY
 K FATALITY

- 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



**ANOKA COUNTY
 HIGHWAY DEPT.**

ADT: 12278
 ACCIDENT RATE: 0.18 CR INDEX: 0.39
 SEVERITY RATE: 0.30 FAR INDEX: 0.00

**COLLISION
 DIAGRAM**

CSAH 78 (HANSON BLVD) @
 155TH LANE
 01/01/20 TO 09/30/23

Intersection Safety Screening

Intersection: CSAH 78 @ 155th Lane

Statewide Averages based on 2016-2020 crashes

Crashes by Crash Severity	
Fatal (K)	0
Serious Injury (A)	0
Minor Injury (B)	1
Possible Injury (C)	0
Property Damage (PDO)	2
Total Crashes	3

Intersection Characteristics	
Entering Volume	12,278
Environment	Urban
Lighting	Lit
Traffic Control	Thru-Stop

Annual crash cost = \$51,200

Statewide comparison = Urban, Thru/STOP

Total Crash Rate	
Observed	0.134
Statewide Average	0.128
Critical Rate	0.340
Critical Index	0.39

Fatal & Serious Injury Crash Rate	
Observed	0.000
Statewide Average	0.311
Critical Rate	4.050
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 0.13 per MEV; this is 61% 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.

ACCIDENT AND SEVERITY RATES FOR AN INTERSECTION

Intersection:	CSAH 78 @ 155th Lane		
Study Start Date:	01/01/2020		
Study End Date:	09/30/2023		
Length of study in years:	3.75	Days = 1367.736	Weighted
Intersection ADT:	12278	Total Accidents = 3	
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:	0	Total "C" Injury Accidents = 0	0
Number of Property Damage Accidents:	2	Total Property Damage Accidents = 2	2
		Sum of weighted accidents =	5
Accident Rate (AR) =	0.18		
Severity Rate (SR) =	0.30		