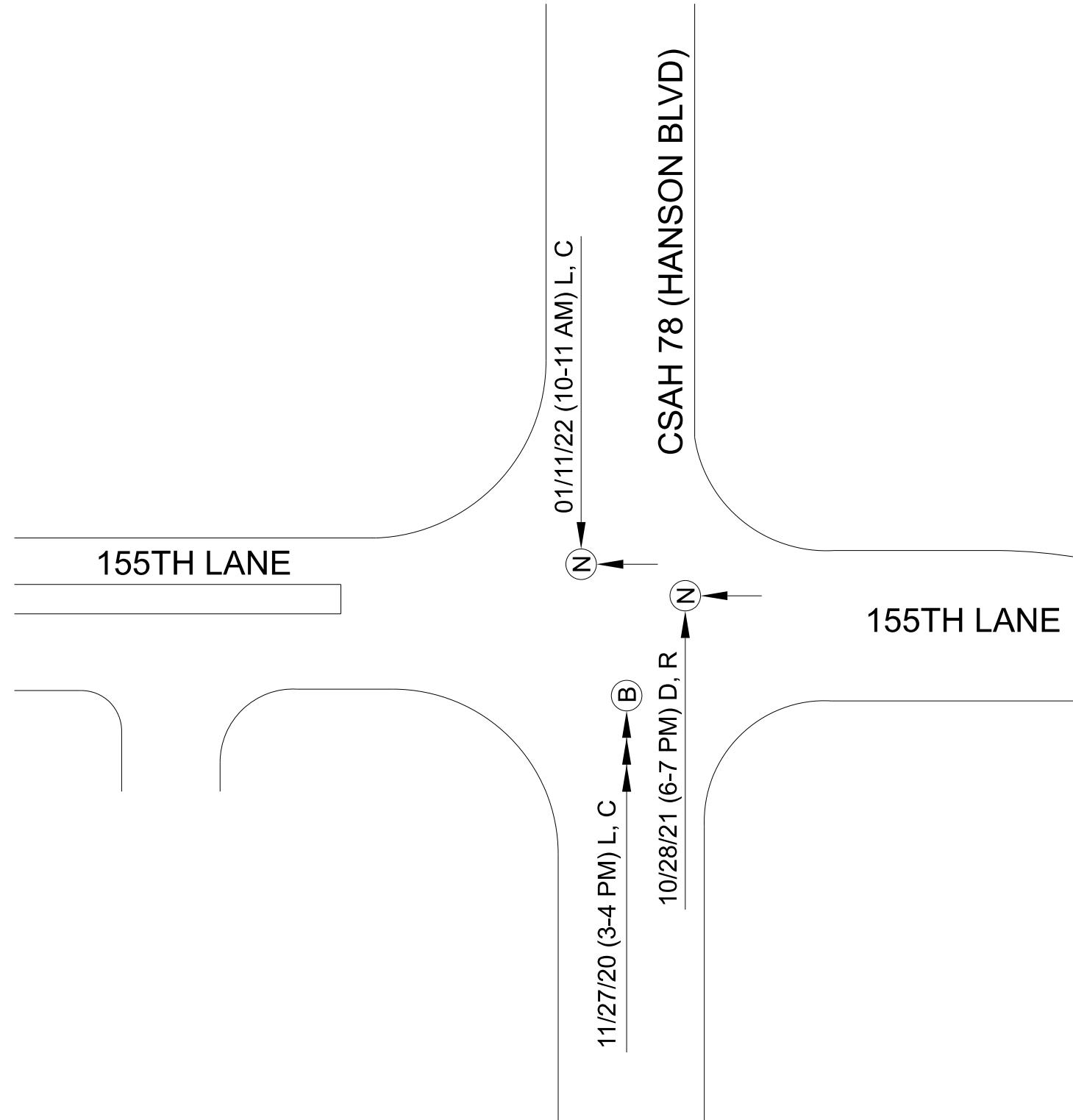




DRAWING NOT TO SCALE



DATE, TIME, LIGHT, WEATHER

DATE, TIME, LIGHT, WEATHER			ADT: 12278 ACCIDENT RATE: 0.18 CR INDEX: 0.39 SEVERITY RATE: 0.30 FAR INDEX: 0.00
LIGHT	WEATHER	SEVERITY CODE	COLLISION DIAGRAM
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	<p>DATE, TIME, LIGHT, WEATHER</p> <p>ADT: 12278 ACCIDENT RATE: 0.18 CR INDEX: 0.39 SEVERITY RATE: 0.30 FAR INDEX: 0.00</p> <p>COLLISION DIAGRAM</p> <p>Sheet 1 of 1 Sheets</p>

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



ANOKA COUNTY
HIGHWAY DEPT.

Intersection Safety Screening

Intersection: CSAH 78 @ 155th Lane

Statewide Averages based on 2016-2020 crashes

Crashes by Crash Severity		Intersection Characteristics	
Fatal (K)	0	Entering Volume	12,278
Serious Injury (A)	0	Environment	Urban
Minor Injury (B)	1	Lighting	Lit
Possible Injury (C)	0	Traffic Control	Thru-Stop
Property Damage (PDO)	2		
Total Crashes	3		

Annual crash cost = \$51,200

Statewide comparison = *Urban, Thru/STOP*

Total Crash Rate		Fatal & Serious Injury Crash Rate	
Observed	0.134	Observed	0.000
Statewide Average	0.128	Statewide Average	0.311
Critical Rate	0.340	Critical Rate	4.050
Critical Index	0.39	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	