



DATE, TIME, LIGHT, WEATHER			<ul style="list-style-type: none"> <li> OVERTURN</li> <li> FIRE OR EXPLOSION</li> <li> MOVING VEHICLE</li> <li> REAR END</li> <li> BACKING VEHICLE</li> <li> COLLISION WITH FIXED OBJECT</li> <li> SIDE SWIPE SAME DIRECTION</li> <li> SIDE SWIPE OPPOSITE DIRECTION</li> </ul>			<ul style="list-style-type: none"> <li> PARKED VEHICLE</li> <li> MOTORCYCLE</li> <li> DEER</li> <li> PEDESTRIAN</li> <li> BICYCLE</li> <li> FIXED OBJECT</li> <li> RIGHT ANGLE</li> <li> VEHICLE OUT OF CONTROL</li> <li> LEFT TURN INTO ONCOMING TRAFFIC</li> </ul>			ADT: 19360 ACCIDENT RATE: 0.25 SEVERITY RATE: 0.57		CR INDEX: 0.27 FAR INDEX: 0.73	
<b>LIGHT</b>	<b>WEATHER</b>	<b>SEVERITY CODE</b>				<b>ANOKA COUNTY HIGHWAY DEPT.</b>		<b>COLLISION DIAGRAM</b>				
L = LIGHT DN = DAWN DU = DUSK D = DARK X = UNKNOWN	C = CLEAR CL = CLOUDY R = RAIN S = SNOW/SLEET X = OTHER/UNKNOWN	○ PROPERTY DAMAGE ⊙ POSSIBLE INJURY ⊕ MINOR INJURY ⊕ SERIOUS INJURY ● FATALITY								CSAH 9 @ CSAH 20 FROM 01/01/2018 TO 06/30/2022		
						<b>ANOKA COUNTY</b>		Sheet <u>  1  </u> of <u>  1  </u> Sheets				

## ACCIDENT AND SEVERITY RATES FOR AN INTERSECTION

Intersection: **CSAH 9 @ CSAH 20**

Study Start Date: **01/01/2018**

Study End Date: **06/30/2022**

Length of study in years: **4.50**

Intersection ADT: **19360**

Number of Fatal Accidents: **0**

Number of "A" P.I. Accidents: **1**

Number of "B" P.I. Accidents: **3**

Number of "C" P.I. Accidents: **1**

Number of Property Damage Accidents: **3**

Days = 1641.486      Weighted

Total Accidents = 8

Total Fatal Accidents = 0      0

Total "A" Injury Accidents = 1      4

Total "B" Injury Accidents = 3      9

Total "C" Injury Accidents = 1      2

Total Property Damage Accidents = 3      3

Sum of weighted accidents = 18

Accident Rate (AR) = **0.25**

Severity Rate (SR) = **0.57**

# Intersection Safety Screening

Intersection: CSAH 9 (ROUND LAKE BLVD) @ CSAH 20 (161ST AVE)

*Statewide Averages based on 2016-2020 crashes*

Crashes by Crash Severity	
Fatal (K)	0
Serious Injury (A)	1
Minor Injury (B)	3
Possible Injury (C)	1
Property Damage (PDO)	3
<b>Total Crashes</b>	<b>8</b>

Intersection Characteristics	
Entering Volume	19,360
Environment	Urban
Lighting	Lit
Traffic Control	Signal

*Annual crash cost = \$319,800*

*Statewide comparison = Signal, Low Volume (<=20K)*

Total Crash Rate	
Observed	0.226
Statewide Average	0.508
Critical Rate	0.830
<b>Critical Index</b>	<b>0.27</b>

Fatal & Serious Injury Crash Rate	
Observed	2.827
Statewide Average	0.690
Critical Rate	3.890
<b>Critical Index</b>	<b>0.73</b>