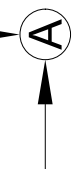


09/20/20 (12-1 PM) L, C

CR 70 (JARVIS ST)

CR 70 (233RD AVE)



DRAWING NOT TO SCALE

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: 1840 - TMC 2443  
 ACCIDENT RATE: 0.30 CR INDEX: 0.40  
 SEVERITY RATE: 1.19 FAR INDEX: 1.38

**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



**ANOKA COUNTY  
 HIGHWAY DEPT.**

**COLLISION  
 DIAGRAM**

CR 70 (JARVIS ST) @ CR 70  
 (233RD AVE)  
 JAN 2019 TO DEC 2023

Sheet   1   of   1   Sheets

## ACCIDENT AND SEVERITY RATES FOR AN INTERSECTION

Intersection:	CR 70 @ CR 70		
Study Start Date:	01/01/2019		
Study End Date:	12/31/2023		
Length of study in years:	5.00	Days = 1825	Weighted
Intersection ADT:	1840	Total Accidents = 1	
Number of Fatal Accidents:	0	Total Fatal Accidents = 0	0
Number of "A" P.I. Accidents:	1	Total "A" Injury Accidents = 1	4
Number of "B" P.I. Accidents:	0	Total "B" Injury Accidents = 0	0
Number of "C" P.I. Accidents:	0	Total "C" Injury Accidents = 0	0
Number of Property Damage Accidents:	0	Total Property Damage Accidents = 0	0
		Sum of weighted accidents =	4
Accident Rate (AR) =	0.30		
Severity Rate (SR) =	1.19		

# Intersection Safety Screening

Intersection: CR 70 @ CR 70

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*Statewide Averages based on 2018-2022 crashes*

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

Intersection Characteristics	
Entering Volume	1,840
Environment	Rural
Lighting	Unlit
Traffic Control	Thru-Stop

*Annual crash cost* = \$160,000

*Statewide comparison* = Rural, Thru/STOP

Total Crash Rate	
Observed	0.298
Statewide Average	0.116
Critical Rate	0.740
<b>Critical Index</b>	<b>0.40</b>

Fatal & Serious Injury Crash Rate	
Observed	29.763
Statewide Average	0.726
Critical Rate	21.570
<b>Critical Index</b>	<b>1.38</b>

*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 0.30 per MEV; this is 60% below the critical rate. Based on similar statewide intersections, an additional 2 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 29.76 per 100 MEV; this is 1.4 times the critical rate. This site may be a sustained severe crash location.*