



← 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



**ANOKA COUNTY
HIGHWAY DEPT.**

ADT: 17865
ACCIDENT RATE: 0.18 CR INDEX: 0.61
SEVERITY RATE: 0.25 FAR INDEX: 0.00

**COLLISION
DIAGRAM**

CSAH 17 (Lexington Ave) at
122nd Ave
2018 to 2022

Sheet 1 of 1 Sheets

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

ACCIDENT AND SEVERITY RATES FOR AN INTERSECTION

Intersection: **CSAH 17 (Lexington Ave NE) at 122nd Ave NE**

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

Study End Date: **12/31/2022**

Length of study in years: **5.00**

Intersection ADT: **17865**

Number of Fatal Accidents: **0**

Number of "A" P.I. Accidents: **0**

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

Number of "C" P.I. Accidents: **0**

Number of Property Damage Accidents: **5**

Days = 1825 Weighted

Total Accidents = 6

Total Fatal Accidents = 0 0

Total "A" Injury Accidents = 0 0

Total "B" Injury Accidents = 1 3

Total "C" Injury Accidents = 0 0

Total Property Damage Accidents = 5 5

Sum of weighted accidents = 8

Accident Rate (AR) = **0.18**

Severity Rate (SR) = **0.25**

Intersection Safety Screening

Intersection: CSAH 17 @ 122nd Ave

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)	5
Total Crashes	6

Intersection Characteristics	
Entering Volume	17,865
Environment	Urban
Lighting	Lit
Traffic Control	Thru-Stop

Annual crash cost = \$59,000

Statewide comparison = Urban, Thru/STOP

Total Crash Rate	
Observed	0.184
Statewide Average	0.128
Critical Rate	0.300
Critical Index	0.61

Fatal & Serious Injury Crash Rate	
Observed	0.000
Statewide Average	0.311
Critical Rate	3.090
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 0.18 per MEV; this is 39% below the critical rate. Based on similar statewide intersections, an additional 4 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.