

**City of Naperville
Transportation and Traffic Services Team**

Street Lucent Ln
To Josiah Rd
In Naperville, DuPage

From Snapper Rd
A Distance of 0.08 Mile
Township, DuPage County

I. Spot Speed Studies (Attached)

Check #	85th %	Top of pace
NB	24	26
SB	23	26

II. Test Runs

Run No.	Average Speed (mph)	
	nb or wb	sb or eb
NOT APPLICABLE		

III. Prevailing Speed

85th percentile average	<u>23.5</u>	mph
Top of pace average	<u>26</u>	mph
Test run average	<u>N/A</u>	mph
Prevailing Speed	<u>24.75</u>	mph

IV. Driveway Conflicts

Residential Drives	<u>5</u>	* 1	=	<u>5</u>
Small Business Drives	<u>0</u>	* 5	=	<u>0</u>
Large Business Drives	<u>0</u>	* 10	=	<u>0</u>
Streets (see Appendix A)			=	<u>0</u>
Drive Conflict No. (sum of above)			=	<u>5</u>
<u>5</u>	<u>D.C.N.</u>		=	<u>63</u>
<u>.08</u>	<u>Miles</u>			<u>conflicts</u>
<p>0-40 = 0% 41 - 60 = 5% >61 = 10%</p>				

V. Miscellaneous Factors

School Pedestrian Crossings		
<u>Y</u> (5%)	<u>N</u>	N (0%)
Separated Sidewalks		
<u>X</u> Y (0%)		N (5%)
Accidents/Mile, past 3 years		
Route	=	<u>0</u>
Citywide Average		631
<p>1.5 - 2.0 = 5% >2.0 and <3.0 = 10% >3.0 = 15%</p>		
Parking Permitted		
none		(0%)
1 lane		(5%)
2 lanes	<u>X</u>	(10%)

VI. Prevailing Speed Adjustment

Driveway adjustments	<u>10</u>	%
Pedestrians adjustments	<u>0</u>	%
Accident adjustments	<u>0</u>	%
Parking adjustments	<u>10</u>	%
Total	<u>20</u>	%
<u>24.75</u> mph *	<u>.20</u> %	<u>4.95</u>
(prev. speed)	(adj.)	= <u>0</u>
Adjusted Prevailing Speed	<u>19.8</u>	(mph)

VII. Revised Speed Limit

Recommended Speed Limit	<u>25</u>	mph
Anticipated Violation Rate	<u>5</u>	%
Recommended by	<u>Sydney Smith</u>	
Organization		
Date	<u>8/4/25</u>	
Approved by		
Date		