

Attachment # 2
City of Naperville
Transportation and Traffic Services Team

Street: 91st Street
To: Schoger Drive
In Naperville, Naperville

I. Spot Speed Studies

Check #	85th %	top of pace
Eastbound From 9/5/19 – 9/13/19	35 mph	37 mph
Westbound From 9/5/19 – 9/13/19	37 mph	39 mph

II. Test Runs

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

III. Prevailing Speed

85th percentile average	36	mph
Top of pace average	38	mph
Test run average		mph
Prevailing Speed	37	mph

IV. Driveway Conflicts

Residential Drive	<u>0</u>	* 1	=	<u>0</u>
Small Business Drives	<u>6</u>	* 5	=	<u>30</u>
Large Business Drives	<u>13</u>	* 10	=	<u>130</u>
		Streets	=	<u>0</u>
Drive Conflict No. (sum of above)			=	<u>160</u>
<u>160</u>		D.C.N.	=	<u>320</u>
<u>.50</u>		Miles		conflicts
0 – 40 = 0 %				
41 – 60 = 5 %				
61 > = 10 %				

From: Normantown Road
A Distance of: _____ .50 Miles
Township, _____ Will County

V. Miscellaneous Factors

School Pedestrian Crossings		
Y (5%)	<input checked="" type="checkbox"/> X	N (0%)
Separated Sidewalks		
X	Y (0%)	<input type="checkbox"/> N (5%)
Crash/Mile, past 3 years		
Route	=	$\frac{16}{631} = 0.025$
Citywide Average		
1.5 - 2.0 = 5%		
>2.0 and <3.0 = 10%		
>3.0 = 15%		
Parking Permitted		
None	<input checked="" type="checkbox"/> X	(0%)
1 lane	<input type="checkbox"/>	(5%)

VI. Prevailing Speed Adjustment

Driveway adjustments	10	%
Pedestrians adjustments	0	%
Crash adjustments	0	%
Parking adjustments	0	%
Total	10	%
(20% Max or 9 mph, which ever is less)		
37 mph *	10%	= 3.7
(prev. speed)	(adj.)	
(Prev Speed - 9 mph) = Adjusted		
23.5 mph - 3.5		
Adjusted Prevailing Speed	33.3	
	(mph)	

VII. Revised Speed Limit

Recommended Speed Limit	<u>35</u>	mph
Anticipated Violation Rate	<u>47.54</u>	%
Recommended by	<u>RF</u>	
Organization	<u>CON</u>	
Date	<u>10/15/19</u>	
Approved by		
Date		