

# 84<sup>th</sup> Avenue NE Speed Limit Change

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TRANSPORTATION COMMISSION

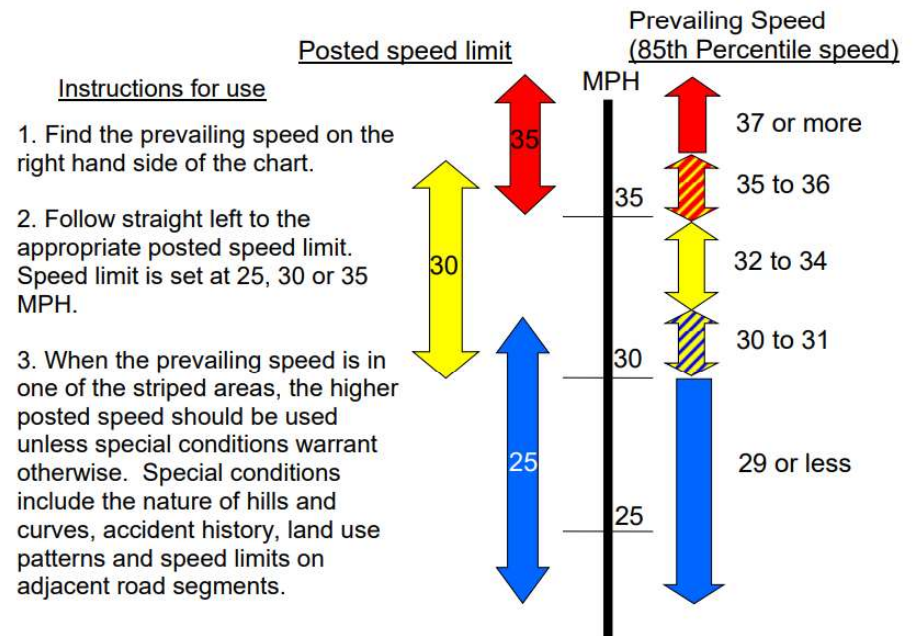
MAY 25, 2022

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# Policy R-17 Speed Limits

1. Applies to collector and arterial streets.
2. One of three speed limits: 25; 30; or 35 MPH.
3. Change in 5 MPH increments.
4. Based on the 85th percentile of prevailing speeds
5. In some cases, more than one speed limit could be selected. Higher posted speed should be used unless special conditions are present.
6. Posted speed limits should be reasonable, safe and based on engineering/traffic studies.
7. When there is a need to reduce operating speeds, traffic operational or physical changes should be considered.

Figure 1. Relationship between prevailing and posted Speed



# Prevailing Conditions

Between NE 124<sup>th</sup> St and NE 145<sup>th</sup> St

Posted speed limit – 35 MPH

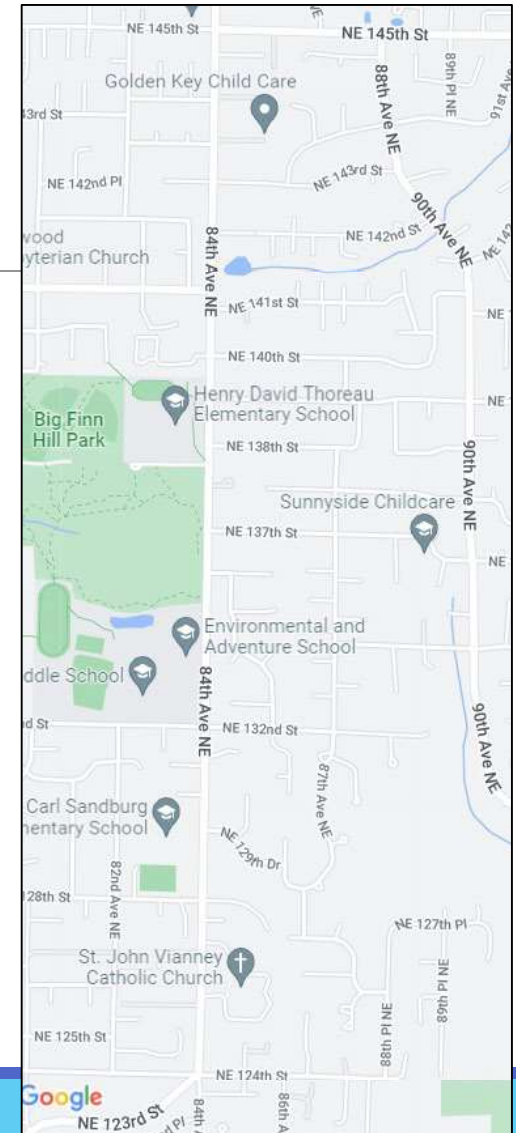
Corridor Length – 1.5 miles

Relatively Straight with Grades Up to 5%

Partial Sidewalks and Shoulders Separated by Curb

Three Schools, Low Density Residential and Parks

Average Annual Daily Traffic (AADT) – 2,900 to 3,500



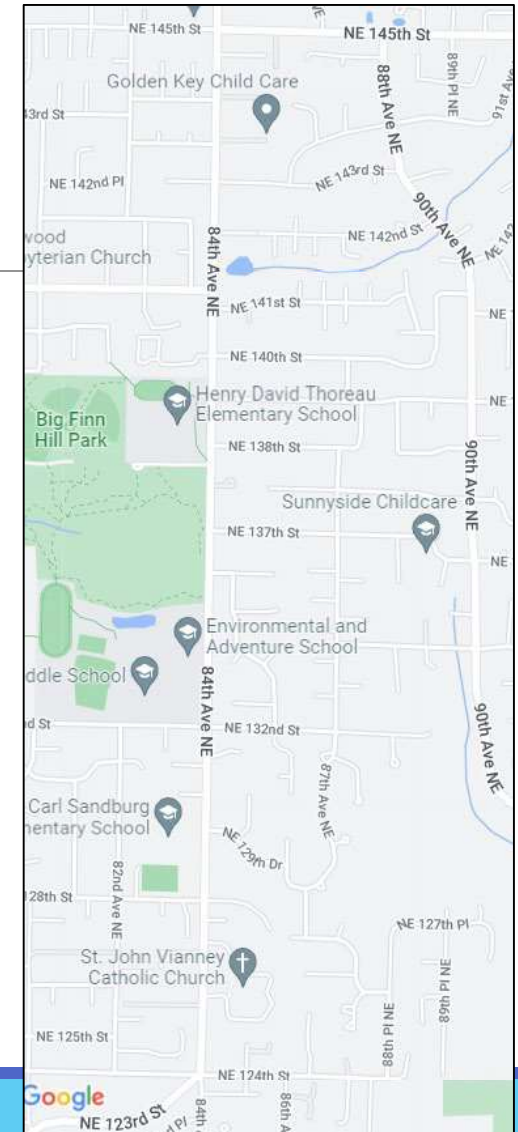
# Speed Data

## School Zone Flashing Beacon Implementation

Location	Northbound		Southbound	
	85th Percentile Speeds			
	Before	After	Before	After
South of NE 138th St	37	37	38	38
North of NE 132nd St	35	38	35	35

## Neighborhood Traffic Control

Location	85th Percentile Speed	Date
South of NE 132nd St	34.1	September 2017
	32.7	April 2014
North of NE 132nd St	36.7	September 2017
South of NE 145th St	37.2	November 2018



# 84<sup>th</sup> Avenue NE

## Recommendation & Next Steps

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Reduce Speed Limit from 35 MPH to 30 MPH

Present to City Council on June 7, 2022

Implement in Coordination with Community Outreach and Police

Kenmore Decreasing Speed Limit on their Section

