

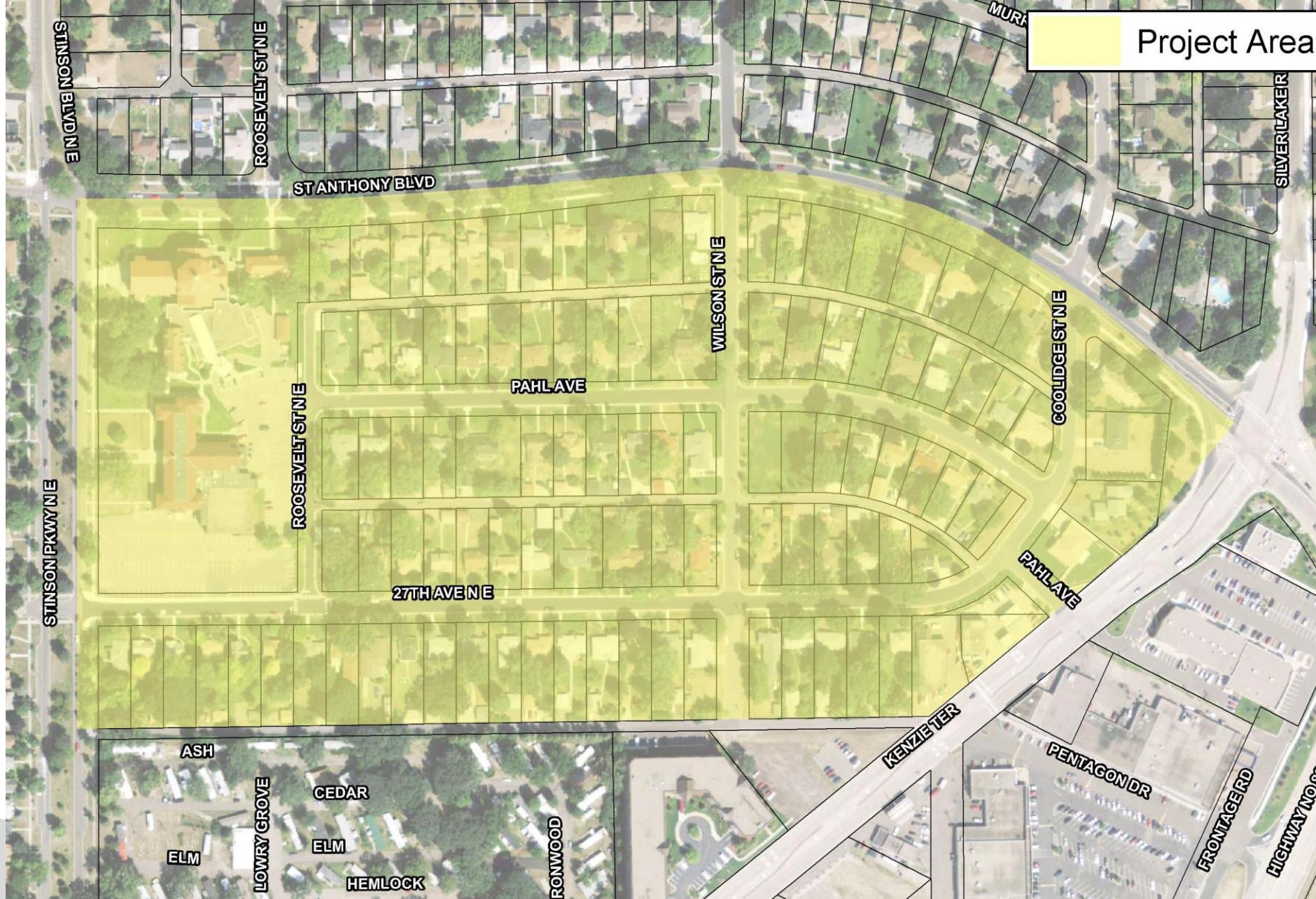
27th Avenue NE/Pahl Avenue Area NE Traffic Study

Public Information Meeting

July 16, 2018

6:00 PM





Study Location Map

Purpose of the Meeting

- Review Study Purpose, Objectives and Process
- Discuss data collection
- Discuss identified neighborhood traffic issues and concerns
- Discuss alternative solutions
- Receive public input on issues and solutions

Study Objectives

- Improve vehicle and pedestrian safety
- Apply least restrictive control type possible
- Traffic control consistency
- Not to promote cut-through traffic or diversion of traffic
- Not to promote speeding

Study Purpose

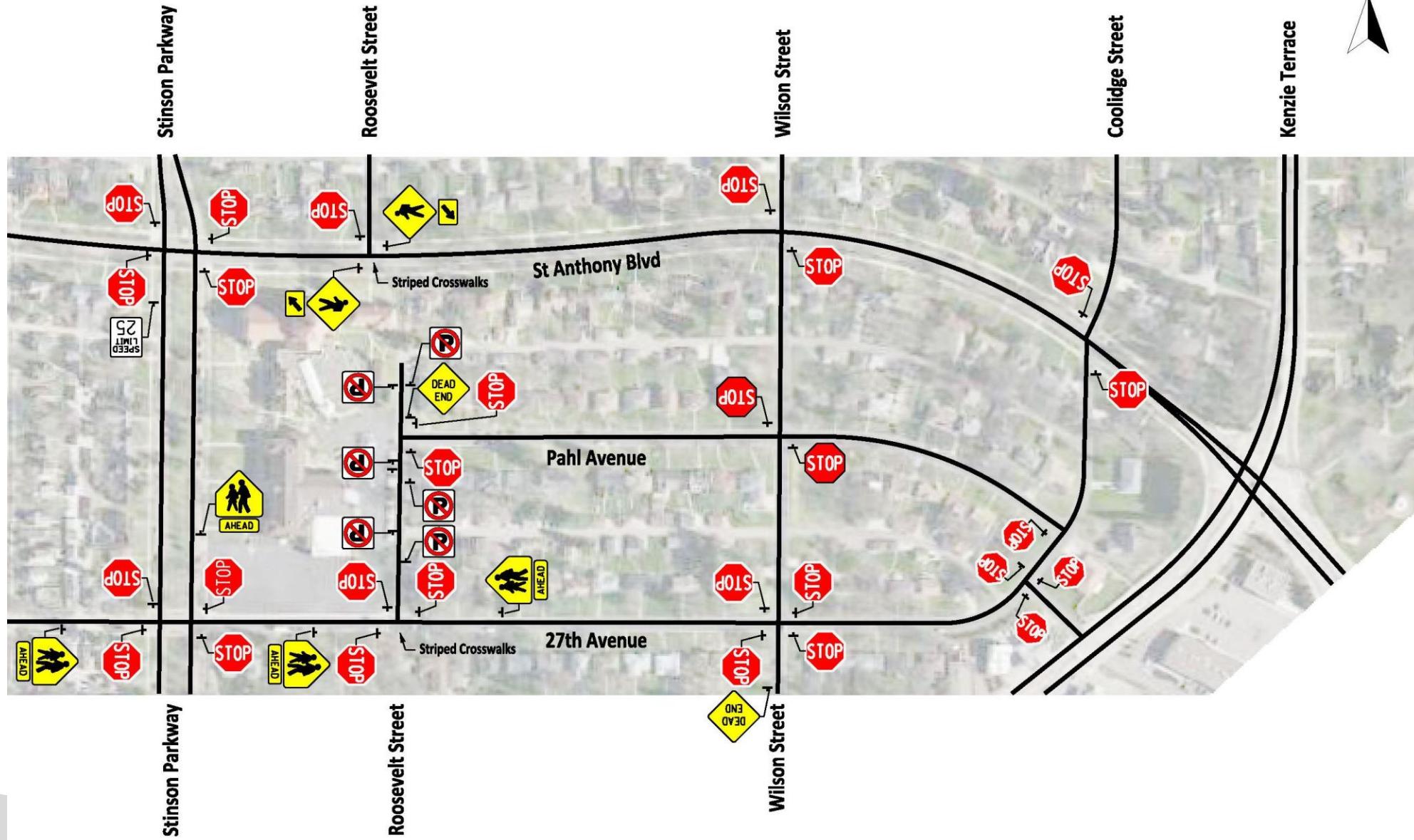
- Identify neighborhood issues:
 1. Traffic operations (signing, pavement markings, pedestrians, sight distance, etc.)
 2. Speeding
 3. Cut-through traffic
- Determine potential low impact, low cost improvements

Study Process

- Collect existing data – **Completed**
- Gather neighborhood input – **Tonight**
- Collect additional data if needed
- Conduct preliminary analysis
- Present findings to City Council
- Prepare final report and recommendations
- Present findings to neighborhood for additional input

Data Collection

- Existing Traffic Control / Signing
- Traffic Volumes
 1. Weekday hourly peak hours (AM, PM, School)
 2. Weekend hourly peak hours (Saturday, Sunday)
 3. Daily
- Pedestrian Volumes
- Speed
- Vehicle Classification (Heavy Vehicles)



Traffic Control / Signing

Saint Anthony Village



LEGEND

- XXX WEEKDAY AM PEAK HOUR VOLUME (7:15 - 8:15)
- XXX WEEKDAY PM PEAK HOUR VOLUME (4:30 - 5:30)
- XXX SCHOOL PM PEAK HOUR VOLUME (3:15 - 4:15)

Saint Anthony Village

Hourly Traffic Volumes – Weekday





LEGEND

- XXX AVERAGE WEEKDAY VOLUME
- XXX AVERAGE SATURDAY VOLUME
- XXX AVERAGE SUNDAY VOLUME



LEGEND

XXX	WEEKDAY AM PEAK HOUR VOLUME (7:15 - 8:15)
XXX	WEEKDAY PM PEAK HOUR VOLUME (4:30 - 5:30)
XXX	SCHOOL PM PEAK HOUR VOLUME (3:15 - 4:15)

Saint Anthony Village

Hourly Pedestrian Volumes - Weekday



LEGEND
 XXX SATURDAY PEAK HOUR VOLUME
 XXX SUNDAY PEAK HOUR VOLUME

Hourly Pedestrian Volumes - Weekend

Saint Anthony Village



LEGEND

XXX AVERAGE WEEKDAY SPEED
XXX AVERAGE SATURDAY SPEED
XXX AVERAGE SUNDAY SPEED

85% Speed

Saint Anthony Village



LEGEND

- XXX AVERAGE WEEKDAY VOLUME
- XXX AVERAGE SATURDAY VOLUME
- XXX AVERAGE SUNDAY VOLUME
- C/P CAR / PICKUP
- SU/B SINGLE UNIT/ BUSES
- HT HEAVY TRUCKS

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Vehicle Classification

Identified Issues

- Vehicle traffic volumes
- Speeding
- Cut-through traffic
- Pedestrian and bicycle traffic / Circulation
- School traffic
- Adjacent development

Issues Review – Traffic Volumes

- Traffic is Local to the Neighborhood
 - Typical residential street 500 – 1000vpd
 - Volumes range from 110 to 750vpd
- Heavy vehicles
 - Typical residential street 2%-5% trucks
 - % trucks range from 0% to 4.7%

Figure 1
FHWA VEHICLE CLASSIFICATION

CLASS GROUP	DESCRIPTION	NO. OF AXLES
1	MOTORCYCLES	2
2	ALL CARS CARS CARS W/ 1-AXLE TRAILER CARS W/ 2-AXLE TRAILER	2 3 4
3	PICK-UPS & VANS 1 & 2 AXLE TRAILERS	2, 3, & 4
4	BUSES	2 & 3
5	2-AXLE, SINGLE UNIT	2
6	3-AXLE, SINGLE UNIT	3
7	4-AXLE, SINGLE UNIT	4
8	2-AXLE, TRACTOR, 1-AXLE TRAILER (2&1) 2-AXLE, TRACTOR, 2-AXLE TRAILER (2&2) 3-AXLE, TRACTOR, 1-AXLE TRAILER (3&1)	3 4 4
9	3-AXLE, TRACTOR, 2-AXLE TRAILER (3&2) 3-AXLE, TRUCK W/ 2-AXLE TRAILER	5 5
10	TRACTOR W/ SINGLE TRAILER	6 & 7
11	5-AXLE MULTI-TRAILER	5
12	6-AXLE MULTI-TRAILER	6
13	ANY 7 OR MORE AXLE	7 or more
14	NOT USED	
15	UNKNOWN VEHICLE TYPE	

Issues Review – Speed

- Guideline - 85% Speed
- Typical speed limit on neighborhood streets is 30mph
- Existing 85% speed ranges from 25.0 to 32.4

Issues Review – Cut Through Traffic

- Study Area captive with limited number of streets
- Standard ITE Traffic Generation rate of approximately 10 trips/day
- Approximately 92 homes in area or 920 trips from the residential area
- Travel time with stop signs
- Traffic volumes show possible cut through
 - Wilson St/27th St
 - Coolidge St/Pahl Ave

Possible Low Cost/Low Impact Examples

- Traffic control changes
- Revised / additional signing
- Revised pavement markings
- Technology (driver feedback signs, blinker signs, etc.)

Next Steps

- Collect additional data, conduct analysis, prepare preliminary findings
- Final report
- City Council meeting
- Neighborhood meeting #2
- Implement approved recommendation (based on funding availability)

Contacts/Additional Information

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Questions / Comments