

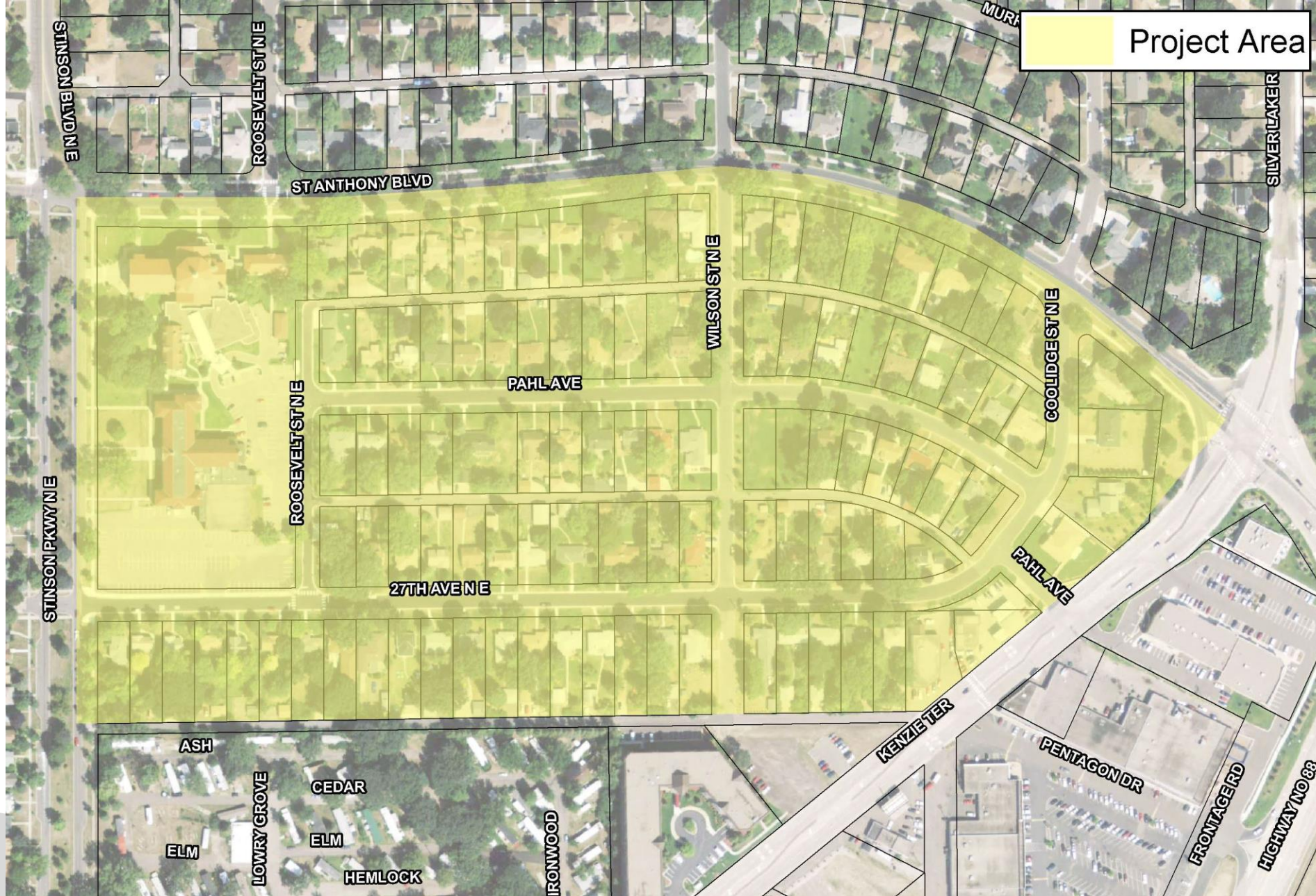
27th Avenue NE/Pahl Avenue Area NE Traffic Study

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

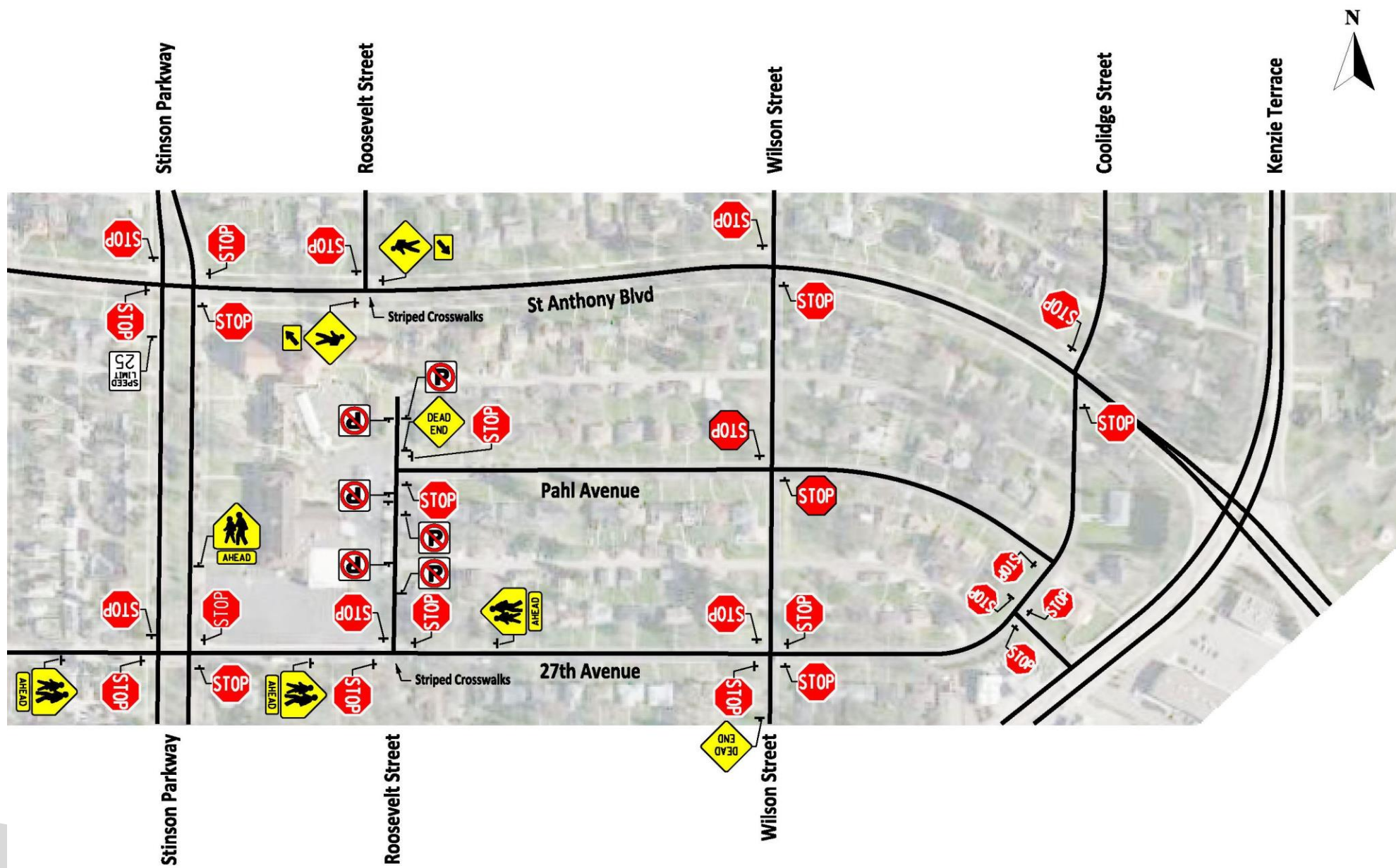
- Identify neighborhood issues:
 1. Traffic operations (signing, pavement markings, pedestrians, sight distance, etc.)
 2. Speeding
 3. Cut-through traffic
- Determine potential low impact, low cost improvements

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



Hourly Traffic Volumes – Weekday



Hourly Traffic Volume - Weekend





Daily Traffic Volumes





Hourly Pedestrian Volumes - Weekday



Hourly Pedestrian Volumes - Weekend



LEGEND

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



85% Speed



Vehicle Classification
















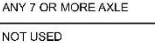

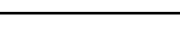
Identified Issues

- 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	2
	 CARS W/ 1-AXLE TRAILER	3
	 CARS W/ 2-AXLE TRAILER	4
3	 PICK-UPS & VANS	2, 3, & 4
	 1 & 2 AXLE TRAILERS	
4	 BUSES	2 & 3
5	 2-AXLE, SINGLE UNIT	2
6	 3-AXLE, SINGLE UNIT	3
7	 4-AXLE, SINGLE UNIT	4
HEAVY TRUCKS	 2-AXLE, TRACTOR, 1-AXLE TRAILER (2&1)	3
	 2-AXLE, TRACTOR, 2-AXLE TRAILER (2&2)	4
	 3-AXLE, TRACTOR, 1-AXLE TRAILER (3&1)	4
	 3-AXLE, TRACTOR, 2-AXLE TRAILER (3&2)	5
	 3-AXLE, TRUCK W/ 2-AXLE TRAILER	5
	 TRACTOR W/ SINGLE TRAILER	6 & 7
	 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