

CITY OF BELLEVUE
NEIGHBORHOOD TRAFFIC SAFETY SERVICES

123rd Ave SE Traffic Improvement Project Kick-off

September 18, 2014 – 6:00-8:00 p.m.
1E-118 City Hall



Agenda

- Introduction and expectations of traffic committee
- Project scope
- Update on sidewalk project
- Emergency response consideration
- What we know so far
- Summary from open house
- Existing conditions
- Measures to reduce speeds
- Crosswalks
- Project Schedule



Traffic Committee Ground Rules

- Please raise your hand to ask questions or make a comment during the discussion
- Everyone at the table that wants to participate will have an opportunity to provide their input and ask questions
- Respect the time for others to share their responses
- New ideas and different opinions are encouraged and are a part of this process/discussion
- Silence cell phones and other electronic devices during the meeting
- Off-topic discussions will be “tabled” to keep the group moving through the agenda and on-time



Project Scope

- Focus is speeding along 123rd Ave SE from SE 20th Pl to SE 26th St
 - Cut-through traffic not in scope
 - Nor is speeding on other streets
- Integrated with future sidewalk, where possible
- Physical measures likely solution



Sidewalk Update

- Proposed sidewalk location and basic design is complete
- Currently evaluating condition and location of existing underground utilities
- Next steps include designing storm drainage facilities and possible water main relocation
- Estimated construction start date is summer 2015



Emergency Response

Bellevue Fire Station #7 is located on SE 8th St near entrance into Woodridge; Fire Station #4 is located on Factoria Blvd.



*Responses in Woodridge come from both stations #4
and #7*



What we know so far

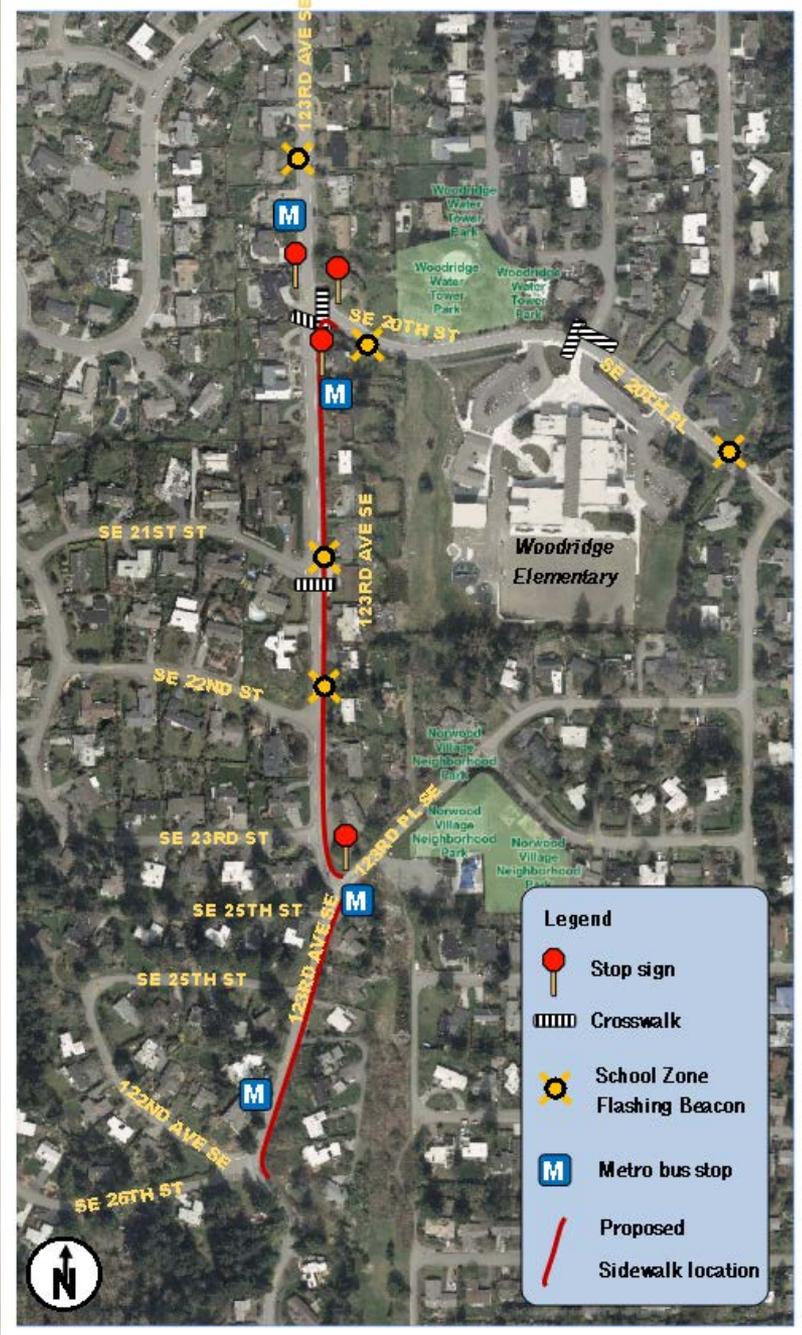
- Mixed support for speed humps
 - 50% support
 - 50% do not support
- Little adjacent support
- Interest in reducing speeds but not necessarily for speed humps
- Multiples suggestions for “speed cameras”



Summary from July 30 Open House

- Focused attention at intersections
 - SE 21st St
 - 123rd PI SE (most popular location)
 - SE 26th St
- Interest in traffic circles
- Moderate interest in speed dots
- Little interest in speed humps





Reported Accidents

- January 1997 through April 2013: 4 accidents
- 2 accidents at 123rd Ave SE/SE 20th PI
 - August 2001 (other; 2 vehicles)
 - November 2012 (parked vehicle/fixed object)
- 1 accident just south SE 20th PI
 - September 2002 (rear-end)
- 1 accident at 123rd Ave SE/123rd PI SE
 - February 2006 (parked vehicle/fixed object)
- Zero injuries



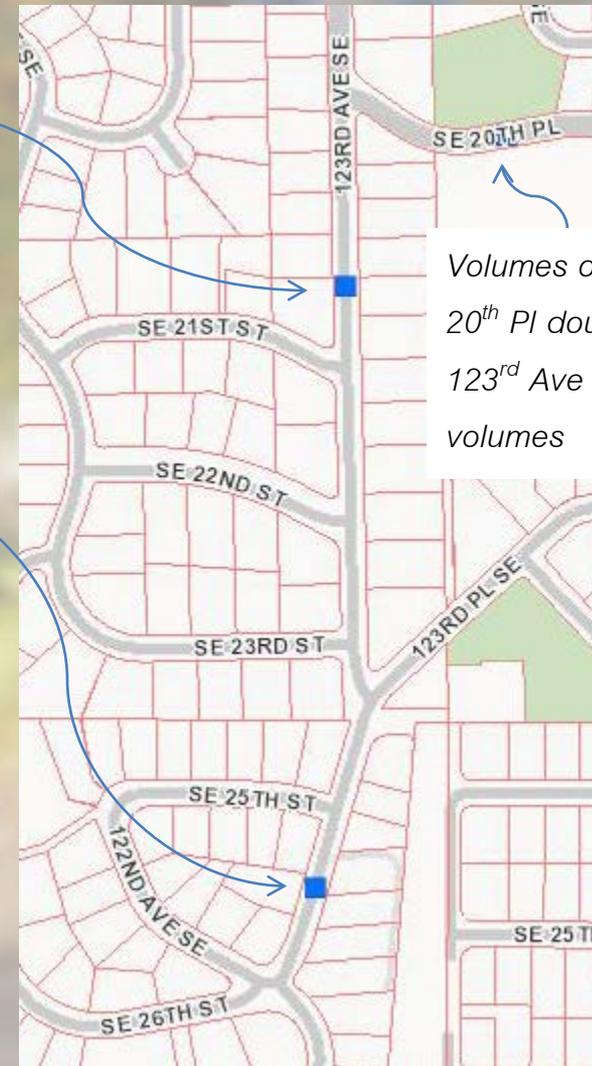
Speeds along 123rd Ave SE

South of SE 20 th Pl		
	Northbound	Southbound
Average	23 mph	28 mph
85 th *	28 mph	34 mph
Wkday Vol	319	414

South of SE 25 th St		
	Northbound	Southbound
Average	24 mph	27 mph
85 th *	29 mph	33 mph
Wkday Vol	315	420

Speed limit on 123rd Ave SE is 25 mph, north location in school zone

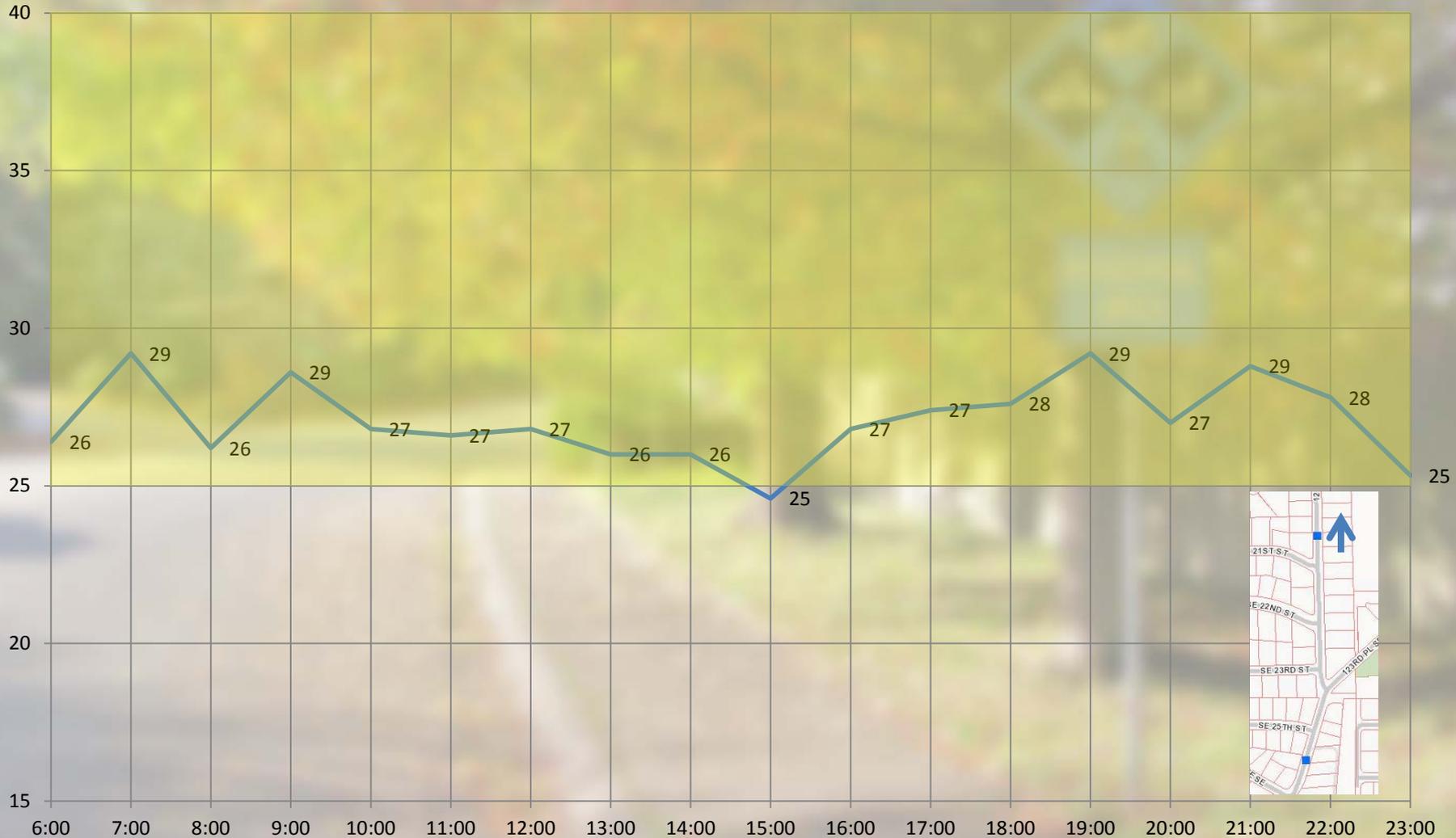
* 85% of vehicles travel at or below this speed



Volumes on SE 20th Pl double of 123rd Ave SE volumes



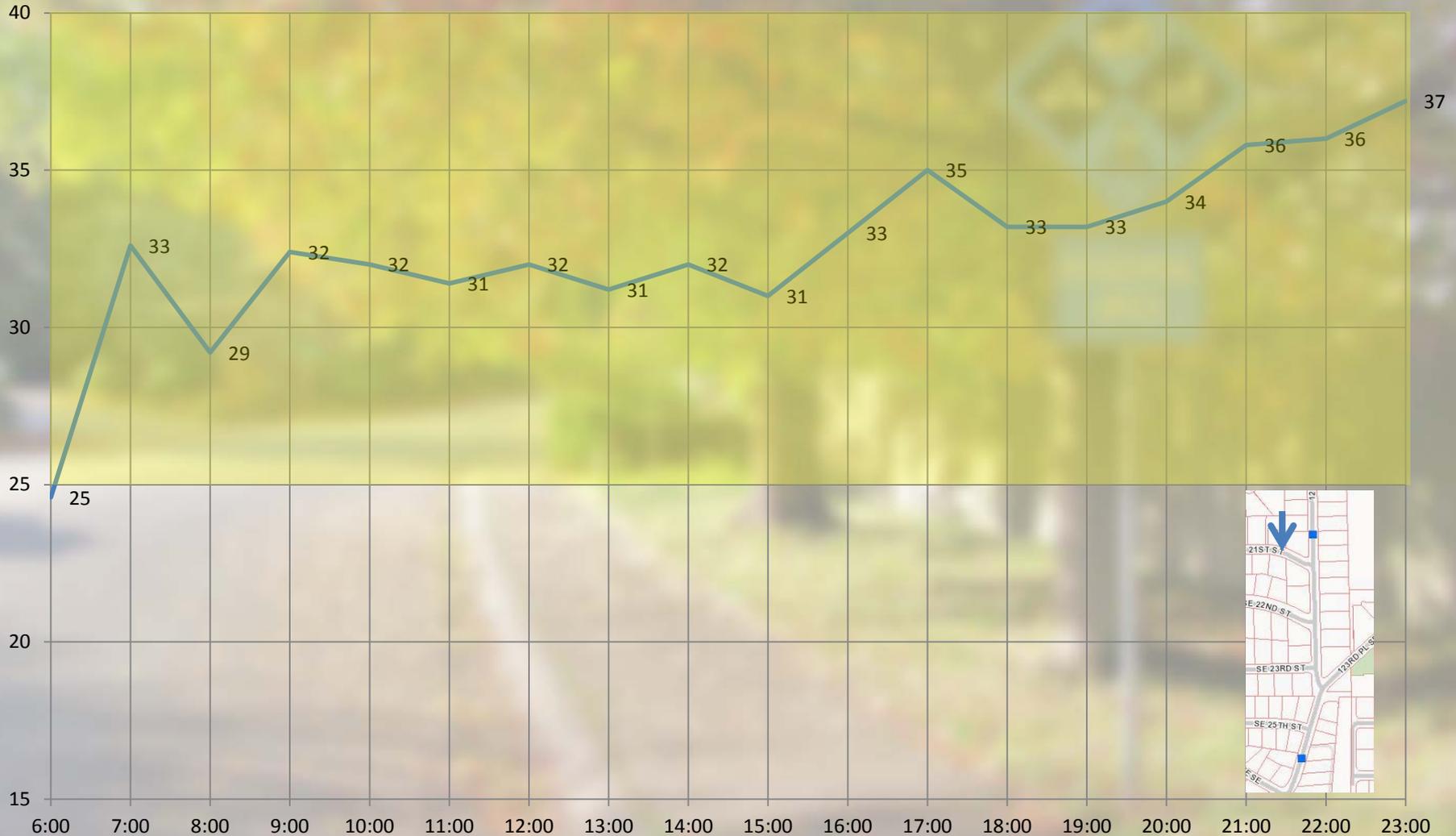
NB 123rd Ave NE north of SE 21st St



* 85% of vehicles travel at or below this speed



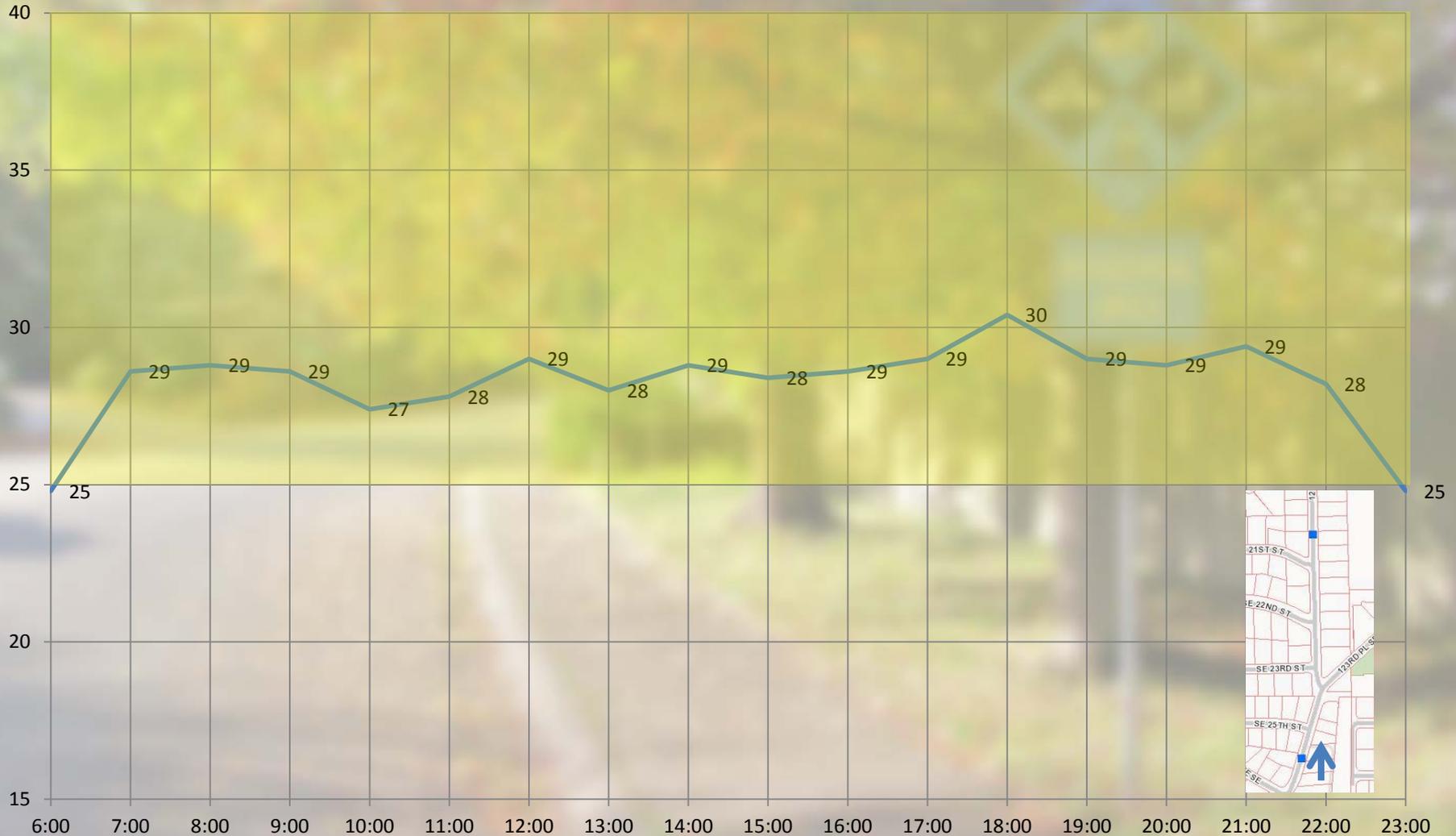
SB 123rd Ave NE north of SE 21st St



* 85% of vehicles travel at or below this speed



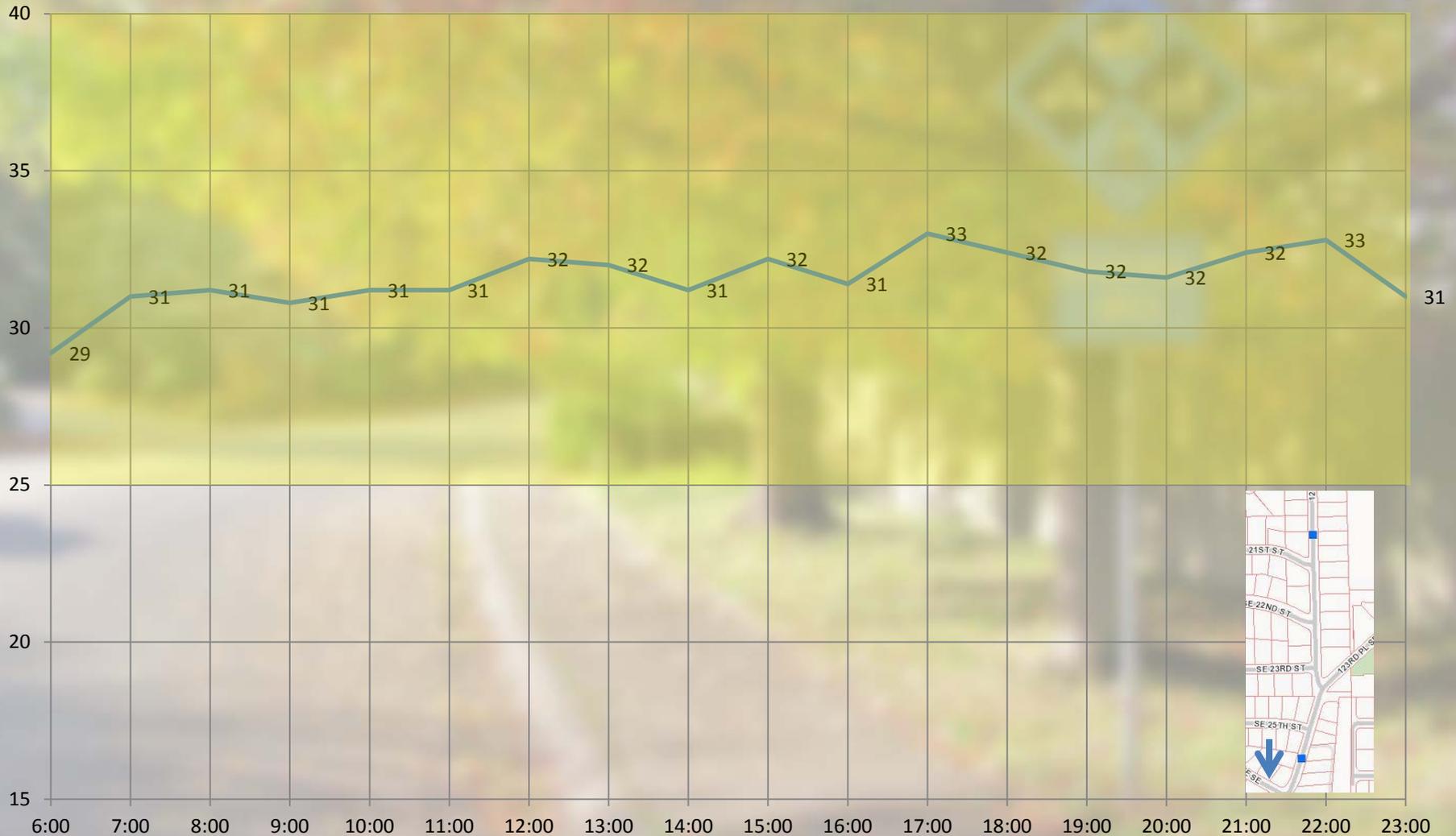
NB 123rd Ave NE south of SE 25th St



** 85% of vehicles travel at or below this speed*



SB 123rd Ave NE south of SE 25th St



** 85% of vehicles travel at or below this speed*



Reducing Speeds

- Nearly all measures will require:
 - Adjacent property support (100%)
 - Wider neighborhood support (65%)
- 3 types of treatments

Narrowing	Bumps	Education
Traffic Circle	Speed Mound	Stationary Radar Sign
Speed Dot	Split Speed Hump	Pavement Marking
Curb Extension	Speed Cushion	Residential Area Signs
Chicane	Raised Crosswalk	Enforcement
Median	Speed Hump	



NARROWING: Traffic Circle



Multiple locations: http://bellevuewa.gov/pdf/Transportation/Guidebook_Web.pdf#page=54



NARROWING: Speed Dot



Location: 108th Ave NE between NE 16th St/NE 17th St



NARROWING: Curb Extension



Multiple locations: http://bellevuewa.gov/pdf/Transportation/Guidebook_Web.pdf#page=22



NARROWING: Chicane



NARROWING: Median



Multiple locations: http://bellevuewa.gov/pdf/Transportation/Guidebook_Web.pdf#page=28



BUMPS: Speed Mound



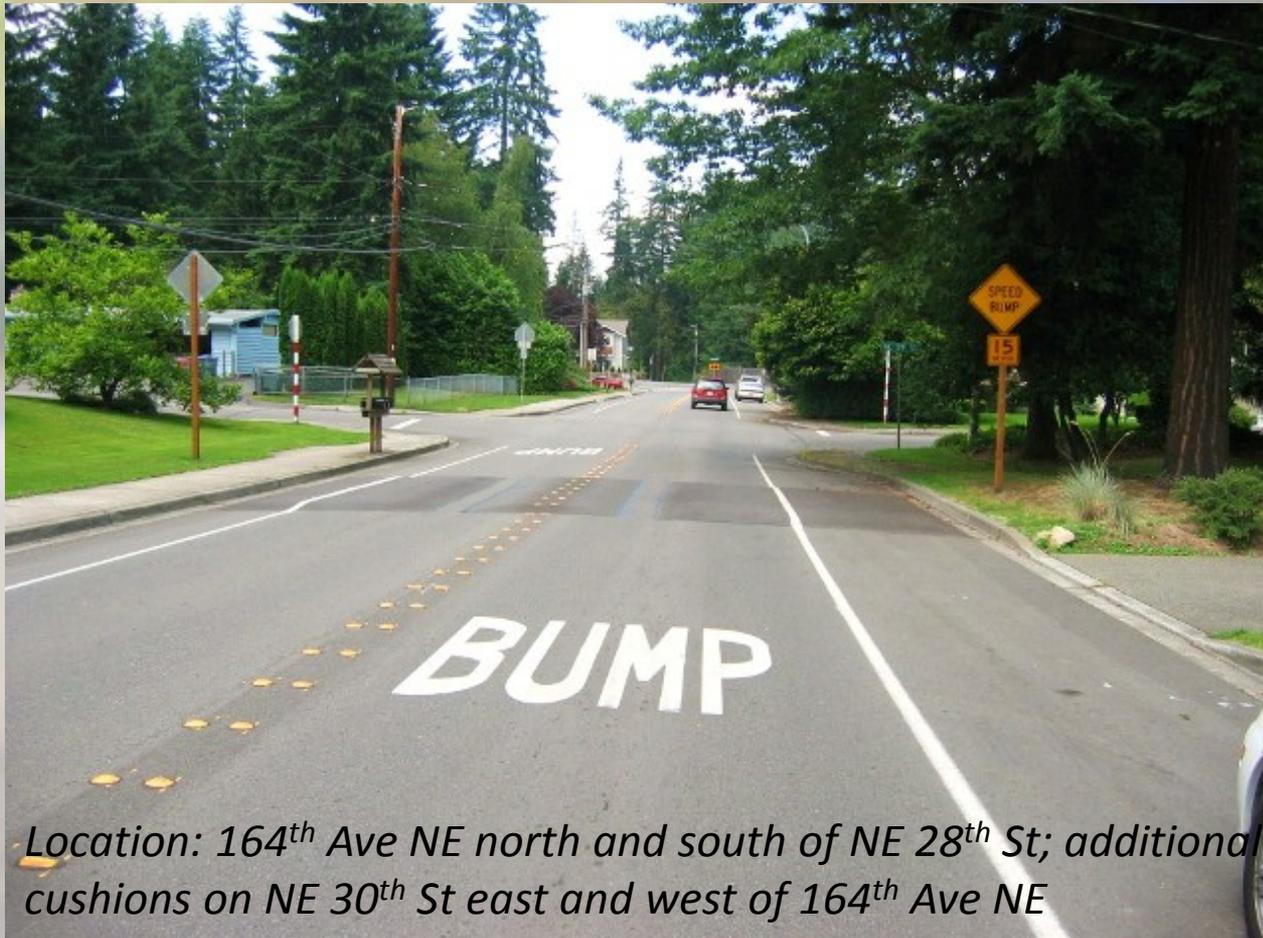
Location: 128th Ave SE and SE 4th Pl



BUMPS: Split Speed Hump



BUMPS: Speed Cushion



Location: 164th Ave NE north and south of NE 28th St; additional cushions on NE 30th St east and west of 164th Ave NE



BUMPS: Raised Crosswalk



Multiple locations: http://bellevuewa.gov/pdf/Transportation/Guidebook_Web.pdf#page=34



BUMPS: Speed Hump



Multiple locations: http://bellevuewa.gov/pdf/Transportation/Guidebook_Web.pdf#page=44



EDUCATION: Stationary Radar Sign



Multiple locations: http://bellevuewa.gov/pdf/Transportation/Guidebook_Web.pdf#page=52



EDUCATION: Pavement Marking



Multiple locations throughout the city



EDUCATION: Residential Area Signs



Multiple locations: http://bellevuewa.gov/pdf/Transportation/Guidebook_Web.pdf#page=36



EDUCATION: Enforcement



Y-Intersection



Test layout at 123rd Ave SE/123rd Pl SE; pushing travel lanes to the east to "T up" the intersection



Y-Intersection



Test layout at 123rd Ave SE/123rd Pl SE; pushing travel lanes to the east to “T up” the intersection

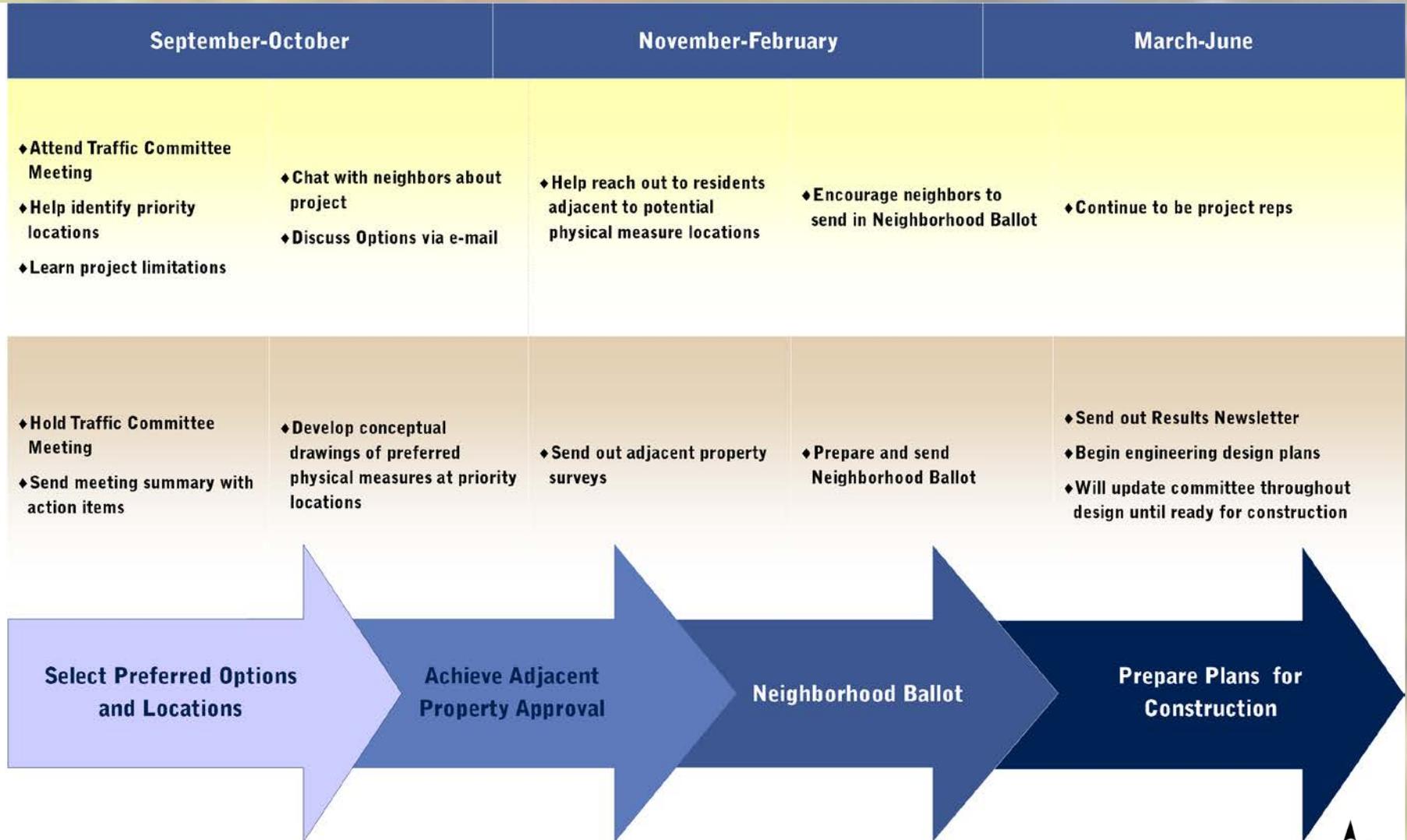


Crosswalks

- Working with traffic operations staff to determine if additional crosswalks are needed
- Interest in crosswalk at the Y intersection



Project Schedule



Keep in touch

John Murphy

Assistant Planner

jmurphy@bellevuewa.gov

(425)452-6967

<http://bellevuewa.gov/11158.htm>

