

# Improvements to Valley Road Design Meeting

June 15, 2015



# Municipal Tree Data

- \* 17 Potential Tree Removals
- \* Landscaping Adjustments at 3 Properties
- \* 5 Trees to be Evaluated Further for Decay
  
- \* Replacement / Replanting Options
- \* Curb vs. Tree Roots

# Traffic and Speed Data



- \* 26 Driveways on North Side
- \* 23 Driveways on South Side



- \* 6,142 Vehicles / Day



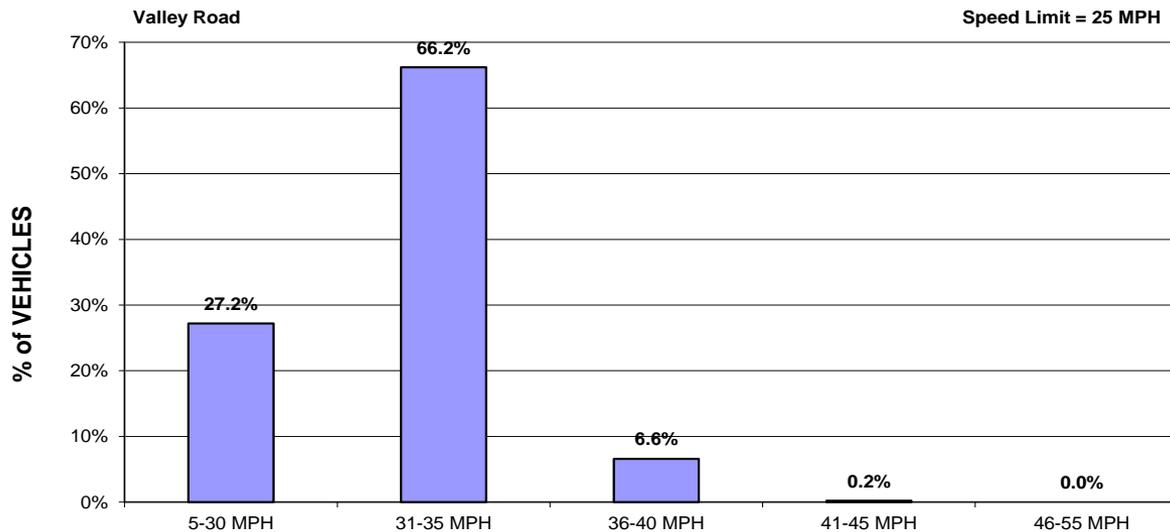
- \* 8 WB Bicycles / Day
- \* 13 EB Bicycles / Day



- \* 99 Pedestrians / Day on South Sidewalk
- \* 32 Pedestrians / Day on North Sidewalk

# Speed Data

Avg. Speeds by Percentage



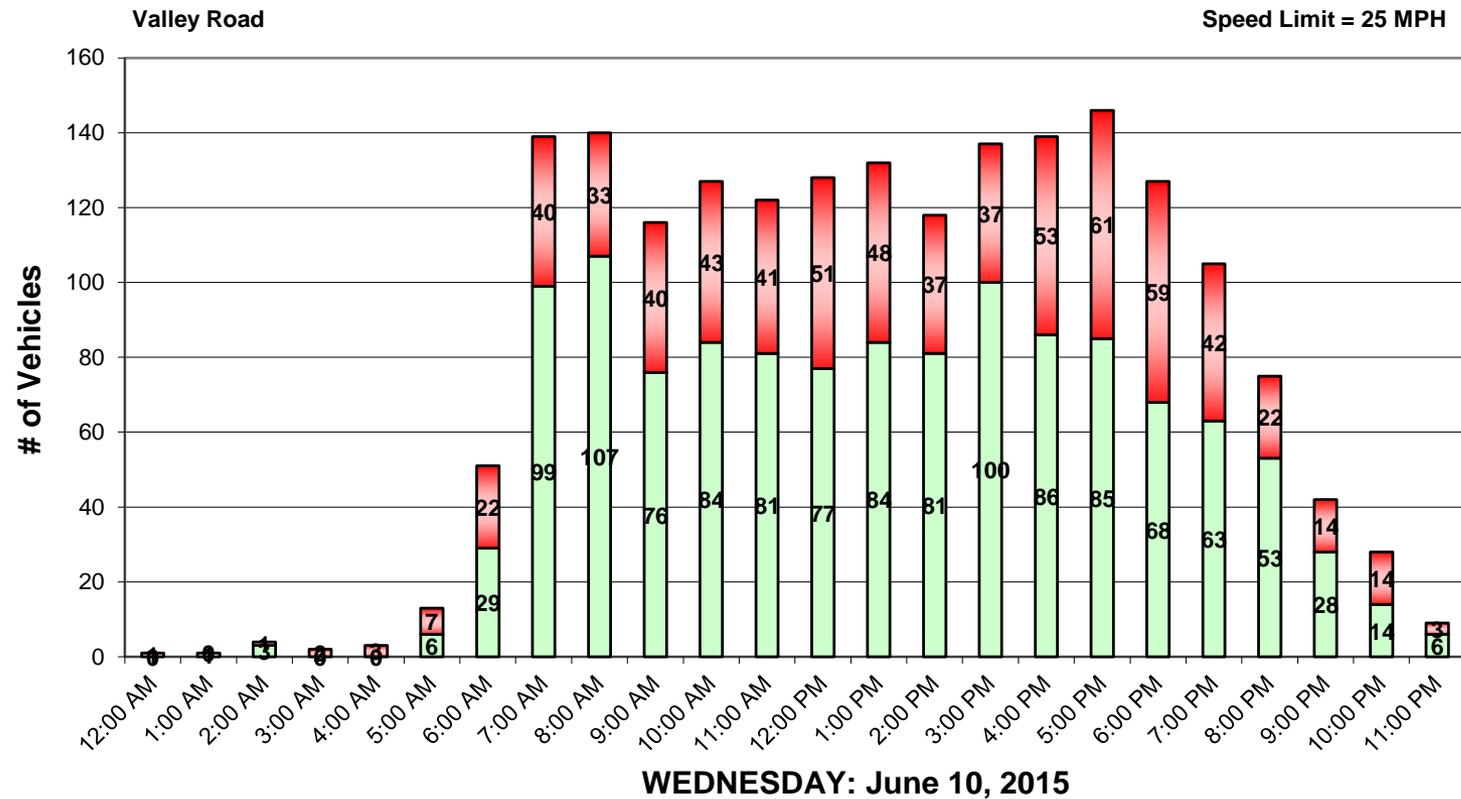
WEDNESDAY: June 10, 2015

- \* 7-8 am Peak Hour  
avg speed = 21.4 mph
- \* 4-5 pm Peak Hours  
avg speed = 23.6 mph
- \* Highest recorded  
speed = 50 mph

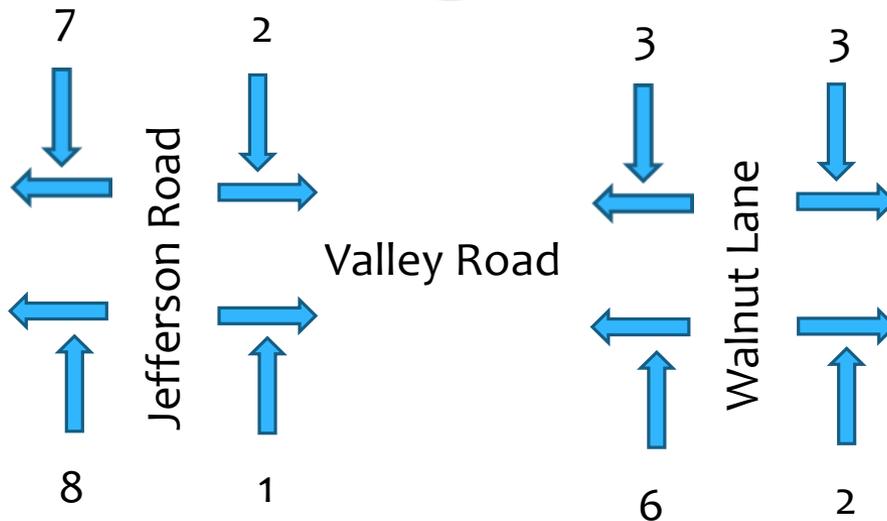
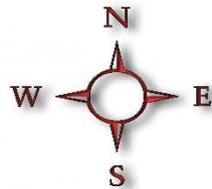
# Speed Data

## Speeders vs. Non-Speeders - 1 Hour Segments

■ # Non Violators     
 ■ # Violators



# Traffic Accident Data



Crash Type	No. of Crashes	% of Total Crashes
EB Valley - Rear End	1	3%
WB Valley - Hit and Run	1	3%
EB Valley - Side Swipe	1	3%
Valley Dwy Exit / EB Valley	1	3%
NB Jefferson / WB Valley	8	22%
NB Jefferson / EB Valley	1	3%
SB Jefferson / WB Valley	7	19%
SB Jefferson / EB Valley	2	6%
NB Walnut / WB Valley	6	17%
NB Walnut / EB Valley	2	6%
SB Walnut / WB Valley	3	8%
SB Walnut / EB Valley	3	8%
<b>Total</b>	<b>36</b>	<b>100%</b>

# Safety Design Menu of Options



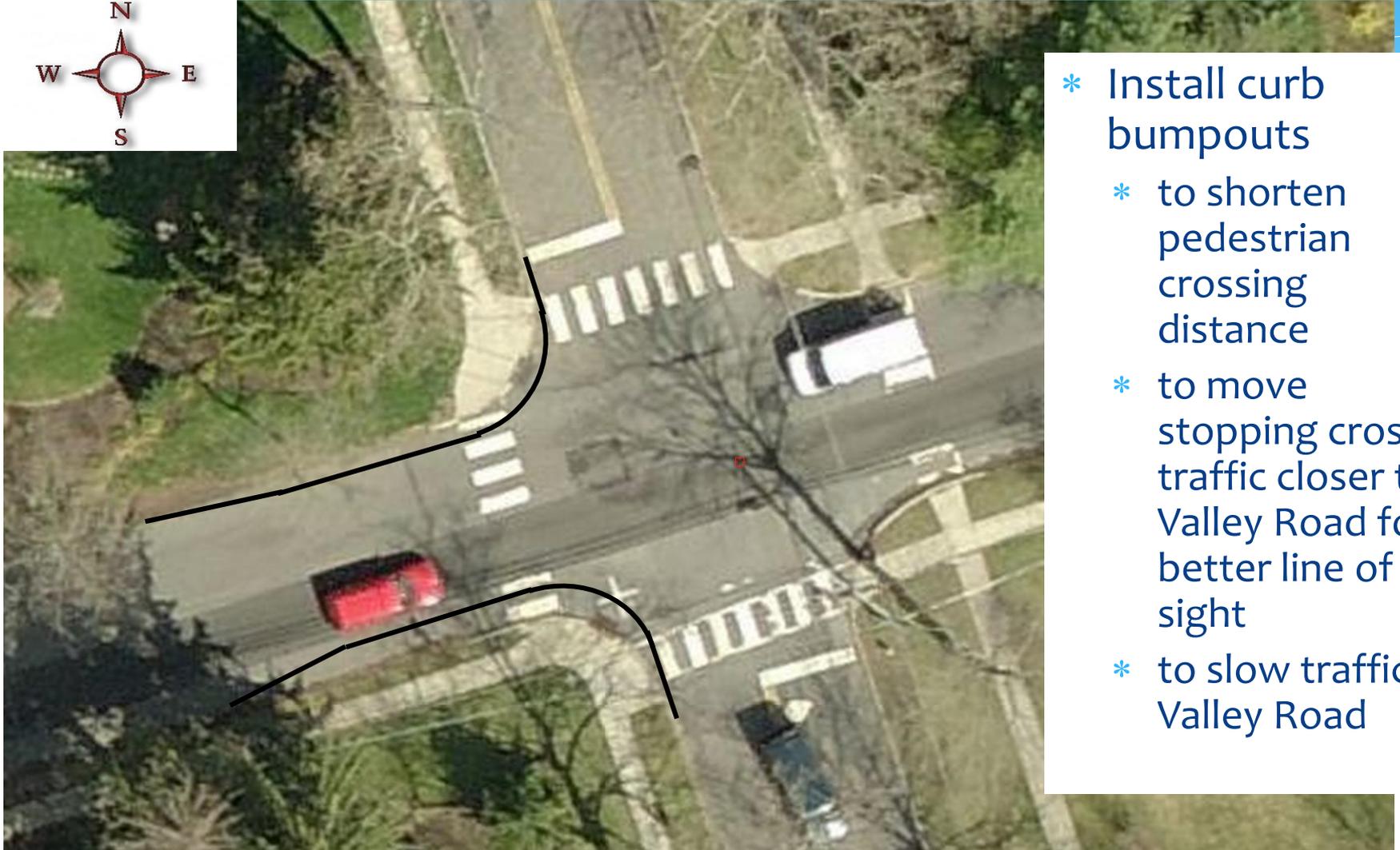
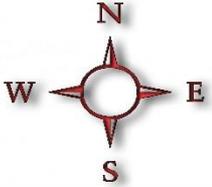
- \* Add pavement markings and signage
  - \* New crosswalks at Harris, Walnut, Ewing, and North Harrison Street
  - \* White edge lines
  - \* 2<sup>nd</sup> stop sign on NB Jefferson Road at Valley
  - \* “Stop Ahead” markings on Jefferson Road at Valley
  - \* Sharrows
  - \* Increased size of speed limit signs if signage is lacking

# Safety Design Menu of Options



- \* Increase overhead street lighting
  - \* Existing lights are 40 – 80 watts
- \* Reduce Corner Radius
- \* Trim trees and vegetation to open sight distance
- \* Designate parking areas
- \* Add benches
- \* Add roadway into “Your Speed” Sign deployment rotation

# Roadway Safety Design Options



- \* Install curb bumpouts
  - \* to shorten pedestrian crossing distance
  - \* to move stopping cross traffic closer to Valley Road for a better line of sight
  - \* to slow traffic on Valley Road

# Roadway Safety Design Options



- \* Narrow Valley Road school driveway
- \* Narrow Harris Road entrance

