

WILSON/WSTEM SCHOOL NEIGHBORHOOD TRAFFIC/PEDESTRIAN SAFETY STUDY

September 20, 2016



- ▶ School Traffic/Pedestrian Traffic Safety
 - ▶ Observations
 - ▶ Recommendations
- ▶ Kavanaugh Traffic Issues
- ▶ Glenview Avenue/Bluemound Road Intersection

PRESENTATION AGENDA



1. Glenview Avenue
2. Kavanaugh Place
3. Portland Avenue
4. Gridley Avenue
5. Dewey Street

STUDY AREA STREETS



- ▶ 7:45 AM – 11 parked cars on south side of Portland
- ▶ 7:50 AM – 5 parked cars on north side of Gridley
- ▶ 8:00 AM – 6 parked cars on north side of Portland
- ▶ 8:15 AM – westbound Portland is gridlocked at Glenview intersection
- ▶ Several drivers use alley east of Glenview to avoid gridlock
- ▶ Northbound drivers ignore crossing guard on Glenview and Gridley
- ▶ Drivers ignore 'Do Not Enter' sign on Kavanaugh at Portland

MORNING FIELD OBSERVATIONS



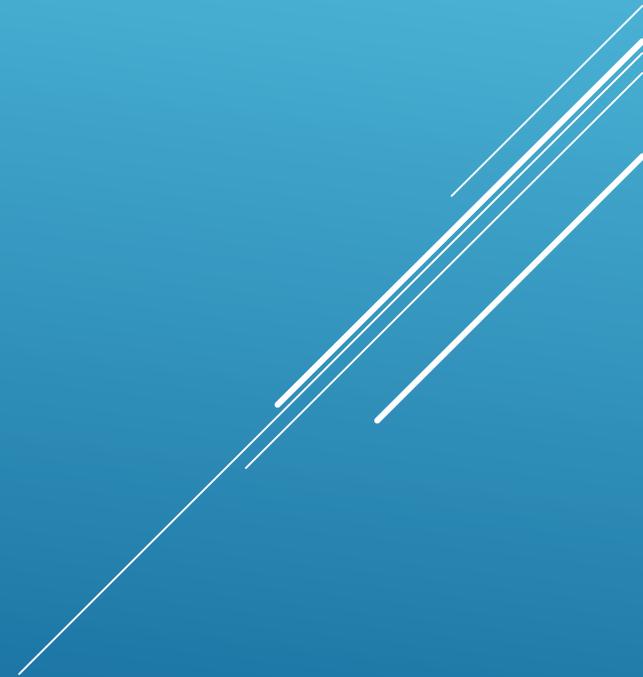
- ▶ 3:05 PM – cars starting to park on north side of Portland
- ▶ Traffic and parking activity does not appear as chaotic compared to morning drop-off
- ▶ North side of Gridley fully parked with empty cars
- ▶ Drivers on Portland ignore 'Do Not Enter' sign on Kavanaugh
- ▶ Kavanaugh Stop sign disregarded with 'rolling' stops

AFTERNOON FIELD OBSERVATIONS





OBSCURED SCHOOL ZONE SPEED LIMIT SIGNS

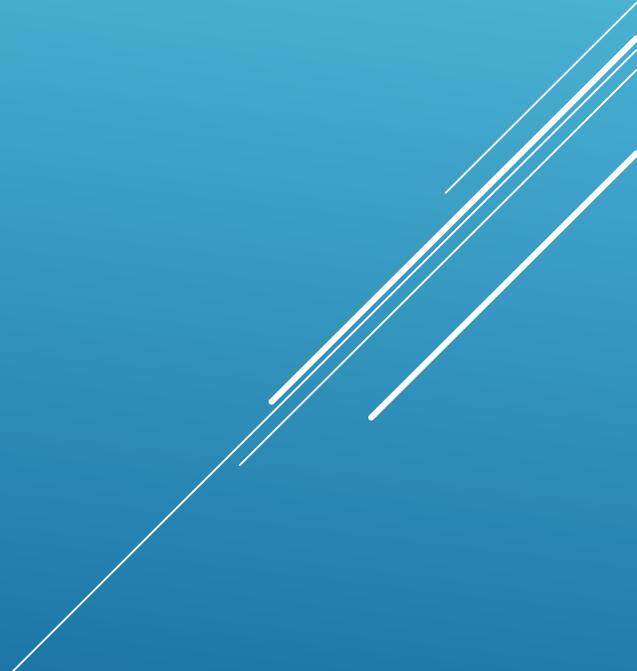


- ▶ Guards conduct duties in very professional manner
- ▶ Drivers disregard guard instructions when crossing children at crosswalk (right turning cars onto Gridley)
- ▶ Guards used police whistles at times to get driver attention

CROSSING GUARDS

- ▶ Each school has unique safety issues
- ▶ School traffic issues typically occur over short time periods, but safety is critical during these high conflict periods
- ▶ Currently, 'Do Not Enter' sign boards are not enforceable until City Ordinance is passed
- ▶ Officer shift times changed to be at schools during start times

CITY POLICE

A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, set against a blue background.

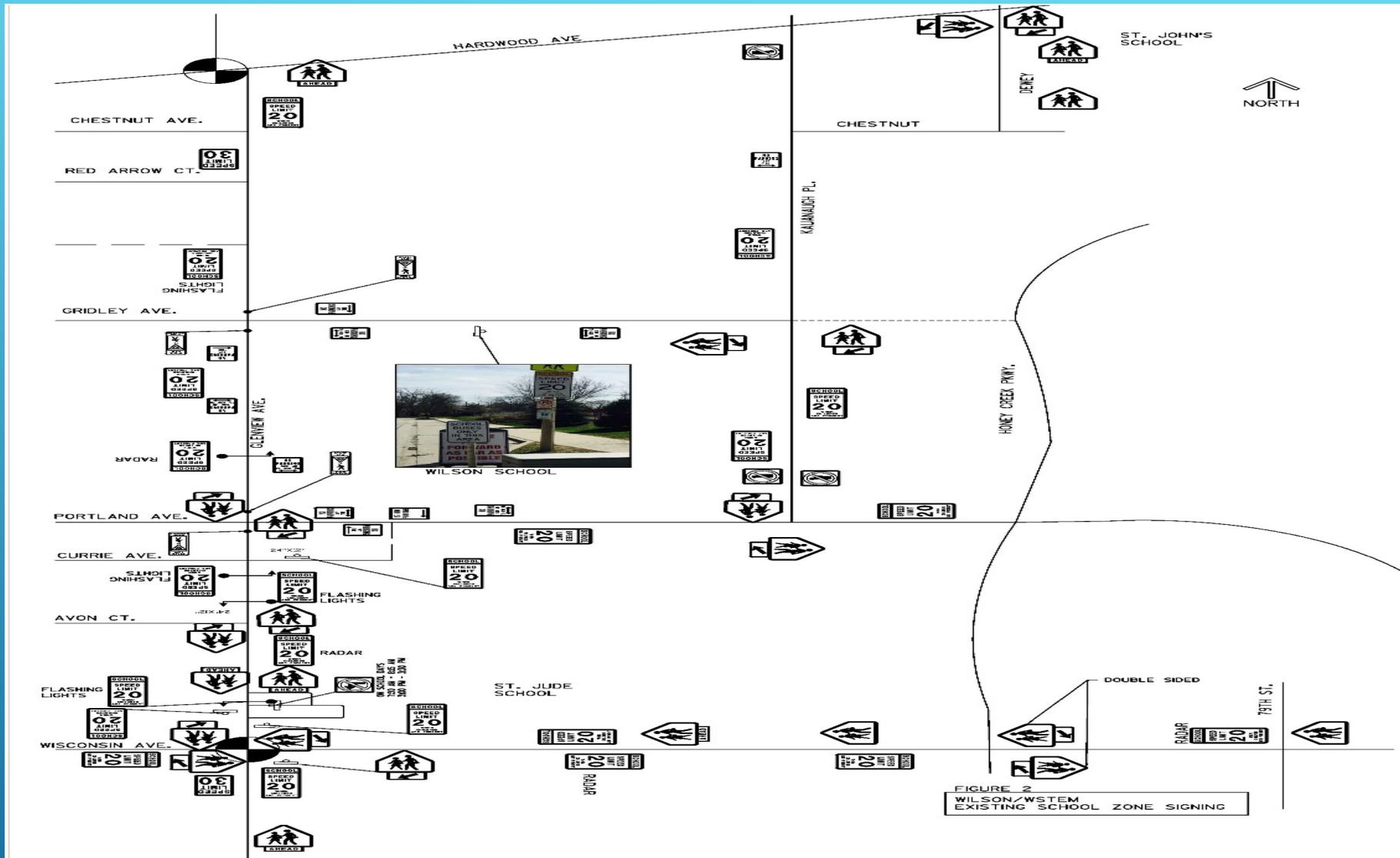


FIGURE 2
WILSON/WSTEM
EXISTING SCHOOL ZONE SIGNING

SCHOOL ZONE SIGNING

- ▶ 'Hug and Go' drop-off/pick-up zone
- ▶ Temporary 'Do Not Enter' signs
- ▶ Change Portland to one-way westbound street operation

SAFE ROUTES TO SCHOOL PLAN



▶ Northbound:

- ▶ Of 1,160 vehicles per day, 35 were delivery trucks and 33 were semi-trucks
- ▶ 29% of traffic exceeds 25 mph speed limit
- ▶ 2.5% exceed 55 mph speed

▶ Southbound:

- ▶ 490 vehicles per day, 20 were delivery trucks and 22 were semi-trucks
- ▶ 33% of traffic exceeds 25 mph speed limit
- ▶ 5% exceed 55 mph speed

KANAVNAUGH TRAFFIC



1. Use of temporary 'Do Not Enter' signs need to become a City Ordinance
2. Do not change Portland to a one-way street, but:
 1. Prohibit on-street parking on south side from 7:00 AM to 3:30 PM
 2. Extend 15-minute parking limit on north side of street to Kavanaugh

STREET OPERATION RECOMMENDATIONS



1. Place overhead School Zone Speed Limit Signs on longer mast arms over traffic lanes
2. Prune tree limbs that obscure existing school zone signing
3. Change crosswalk marking to 'Continental' style
4. Install double sided Crosswalk signs
5. Upgrade Kavanaugh stop sign at Gridley with flashing diodes
6. Consider constructing a raised crosswalk on south Kavanaugh crosswalk at Gridley intersection



SCHOOL ZONE SIGNING/MARKING RECOMMENDATIONS



▶ Install speed humps

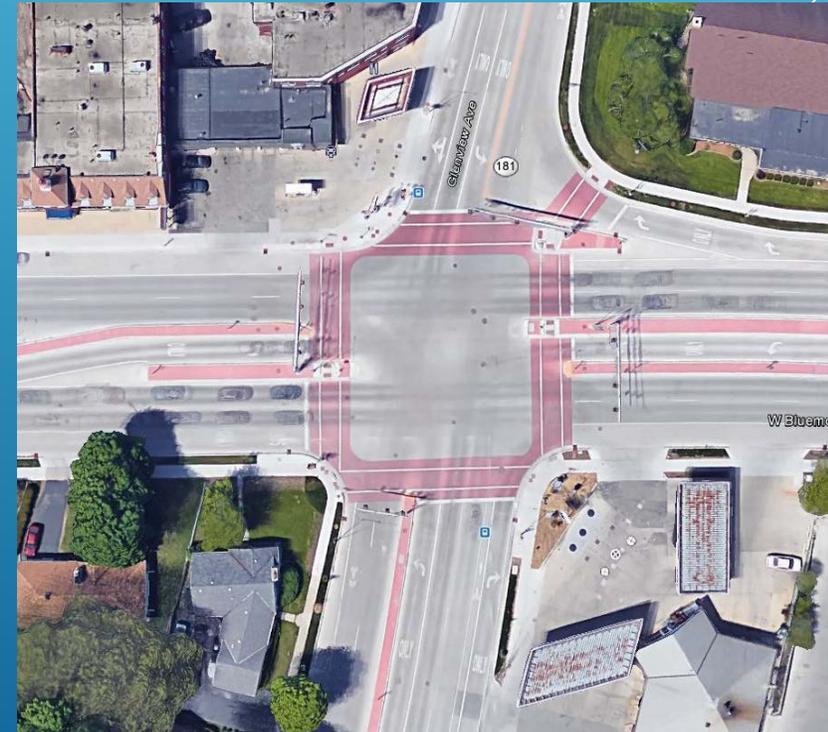


- ▶ Install speed feedback signs between Gridley and Chestnut if Fire Department has response concerns with speed humps
- ▶ Increase Police enforcement of 'No Trucking' ordinance
- ▶ Meet with Dewey Center officials and trucking contractors

KAVANAUGH TRAFFIC CONTROL RECOMMENDATIONS



- ▶ Meet with WisDOT to allow pedestrian push button activation to interrupt 150-second traffic signal cycle and allow 'Advance' pedestrian 'Walk' indication
- ▶ Replace push buttons with new advanced pedestrian system technology (APS)
- ▶ Install 'School Zone pedestrian crossing signs and arrows on approaches to intersection and median islands
- ▶ Construct Glenview Avenue median refuge island on north and south side of intersection
- ▶ Reconstruct westbound right lane to eliminate channelized right turn lane or have WisDOT install right turn lane traffic control signal



GLENVIEW INTERSECTION RECOMMENDATIONS

