

Village of Downers Grove TaP Commission

Neighborhood Traffic Study Area 4

May 13, 2015



Neighborhood Traffic Study Project Team

- Village of Downers Grove:
Transportation Division Manager
Matthew Mayer, PE, PTOE
- KLOA, Inc:
Project Manger
Michael Werthmann, PE, PTOE
- Traffic Study Information:

www.downers.us/res/parking-and-transportation/neighborhood-traffic-study-4



Neighborhood Traffic Study Presentation Goals

- Present Project Findings
- Present Final Recommendations
- Receive Commission and Public Comments



Neighborhood Traffic Study Project Goals

- Analyze Existing Transportation Operations
 - Intersection Traffic Control
 - Roadway Traffic Volumes and Speeds
 - Pedestrian and Bicycle Safety
- Address Transportation Issues
- Establish Consistency within the Neighborhood/Village
- Manage Issues being Pro-Active vs. Re-active



Neighborhood Traffic Study Study Area



Neighborhood Traffic Study Neighborhood Feedback

RESIDENTIAL SPEED LIMITS

A Neighborhood Traffic Study involves gathering speed data as a basis for determining the appropriate speed limit for each street. Studies have shown that most motorists will drive at a speed which they deem to be safe and reasonable, and that setting speed limits at this level actually results in the lowest accident experience. Artificially lower speed limits have been found to have little effect on the speed at which motorists actually drive, making even the most careful driver a traffic law violator.

Factors including the number of driveways, locations of sidewalk, pedestrians and parking restrictions are taken into account before making a speed limit recommendation for a street. Special attention is given to streets around schools in assigning school speed limit zones.

Possible Recommendations

In most cases, the speed limit on a street will remain unchanged. However, on some streets the speed limit may increase or decrease. A speed limit set too high can foster unreasonable speeds for a neighborhood and a speed limit set too low can lead to tailgating, improper passing, and reckless driving. Using a consistent set of standards, the Village expects to see an increase in obedience to the speed limits.



GENERAL TRAFFIC ISSUES

While the Village believes that a neighborhood traffic study is the most comprehensive approach to addressing an area's traffic concerns, there is no one solution that will satisfy every condition.

For those streets that continue to experience traffic issues such as parking problems, speeding concerns and school safety, the Village will continue to handle those on a case-by-case basis. The Public Works and Police Departments will continue to work together to tackle these issues and will also explore new education, enforcement and engineering solutions.

If you have specific concerns, please contact:

Mr. Dorin Fera
Traffic Engineering Manager
Village of Downers Grove
Public Works Department
5101 Walnut Avenue
Downers Grove, IL 60515
Phone: 630.434.5460
Email: dfera@downers.us

When contacting Mr. Fera, please leave an e-mail address where you can be contacted by the Village for upcoming project schedule and any related updates.

WHERE CAN I GET MORE TRAFFIC STUDY INFORMATION?

Visit the Village website at
www.downers.us
Click on:
Resident
Parking/Transportation;
Neighborhood Traffic Study #4

P: transportation/trafficst 10-14

INTRODUCING THE NEIGHBORHOOD TRAFFIC STUDY

Area #4

Village of Downers Grove
801 Burlington Avenue
Downers Grove, IL 60515



Neighborhood Traffic Study

Neighborhood Feedback

- Introduction Letter Sent in Fall 2014
- Public Meeting March 18, 2015
- Primary Resident Concerns
 - Intersection Traffic Control
 - Pedestrian and School Crossing Issues
 - Speeding in Neighborhood
 - Traffic Volumes (Washington Street, Chicago Avenue, Grant Street, Elm Street, and Douglas Road)
 - On-Street Parking (Washington Street, Prairie Avenue, and around Washington Park)



Neighborhood Traffic Study Final Study Recommendations

- Provide Traffic Control at All Uncontrolled Intersections
- Replace Yield Signs with Stop Signs
- Modify Existing Stop Sign Control
- Update Pedestrian Signage to Current Federal Standards
- Replace Standard Crosswalks with High-Visibility Continental Crosswalks

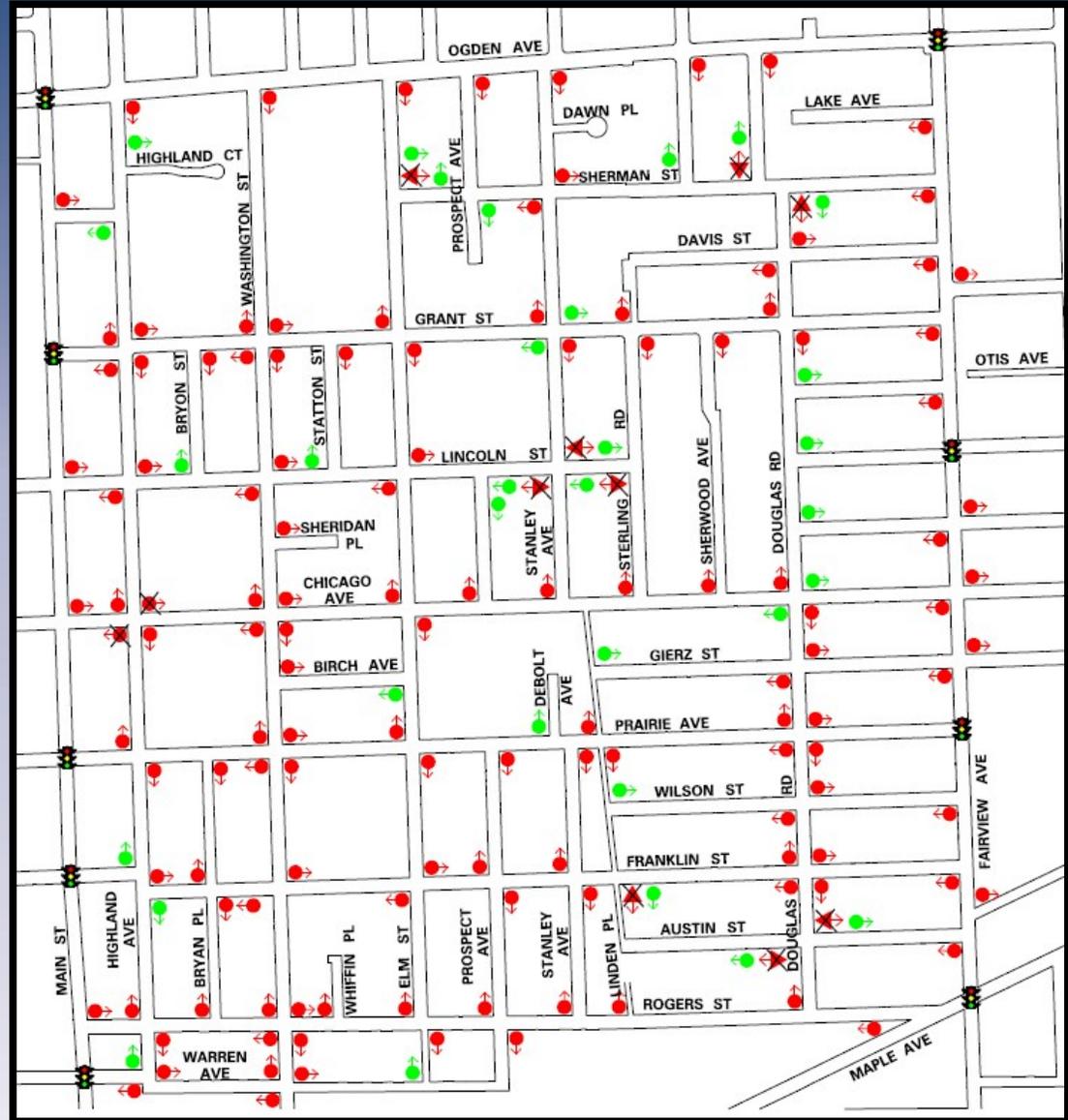


Neighborhood Traffic Study Final Study Recommendations

Traffic Control		
Type	Existing	Proposed
Traffic Signal Control	9	9
All-Way STOP Sign Control	8	11
Two-Way/One-Way STOP Sign Control	65	84
2 of 3 Legs Under Stop Sign Control	1	0
3 of 4 Legs Under Stop Sign Control	1	1
Yield Sign Control	6	0
No Intersection Traffic Control	<u>17</u>	<u>2</u>
Total	107	107



Neighborhood Traffic Study Proposed Traffic Control



LEGEND	
	- TRAFFIC SIGNAL
	- STOP SIGN
	- YIELD SIGN
	- PROPOSED STOP SIGN
	- REMOVE EXISTING SIGN



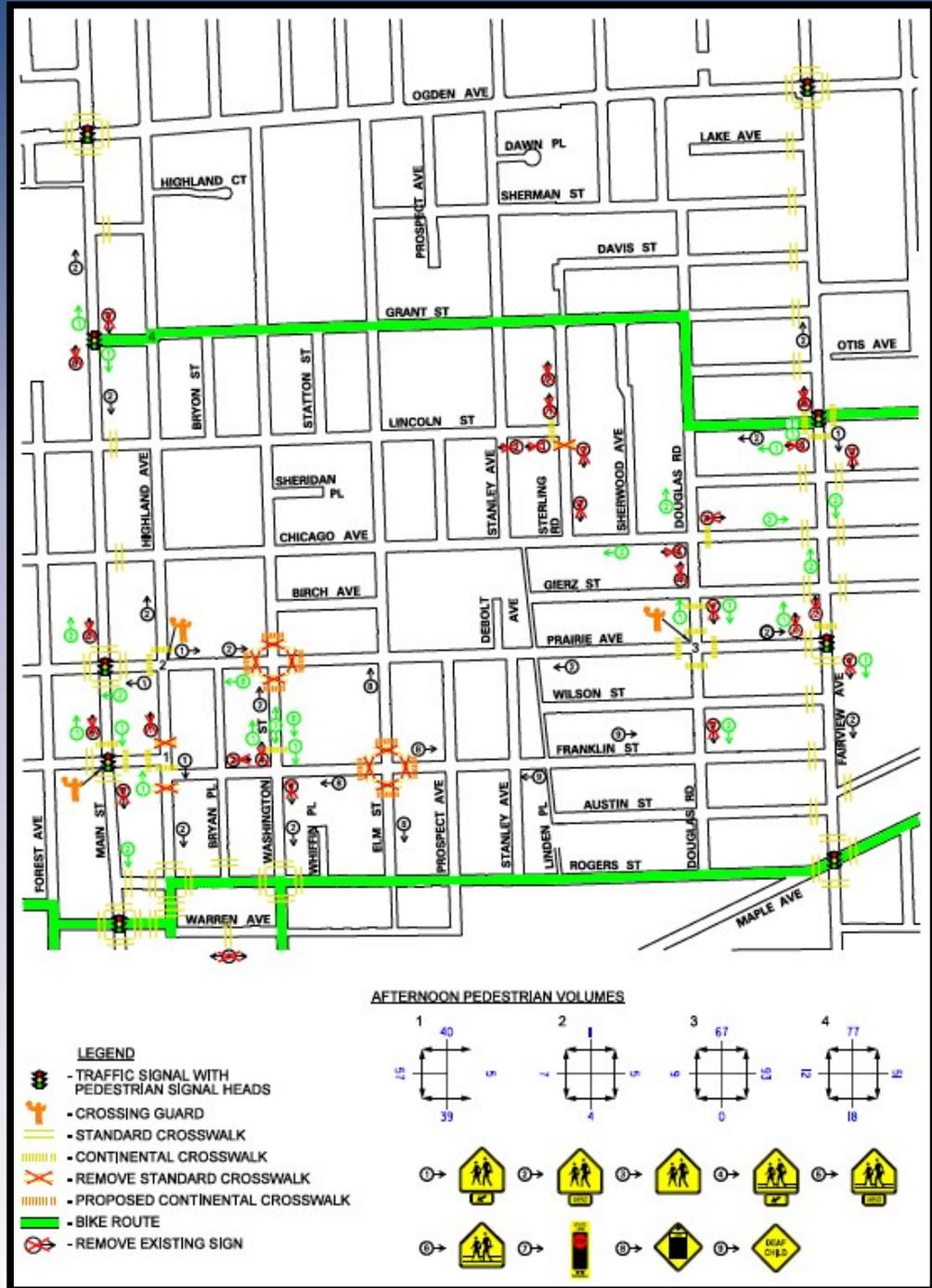
Neighborhood Traffic Study Final Study Recommendations

Pedestrian Signage and Crosswalks

Type	Existing	Proposed
Advance School Crossing Signs	24	21
School Crossing Signs	18	17
In-Street Crossing Signs	1	1
Park Warning Signs	<u>4</u>	<u>6</u>
Total Signs	47	45
High-Visibility Continental Style Crosswalks	19	25



Neighborhood Traffic Study Proposed Pedestrian Signage and Crossings



Neighborhood Traffic Study Next Steps

- Present to TaP Commission
- Publish Final Report
- Present to Village Council
- Implement Recommendations



Neighborhood Traffic Study Questions?

- Public Works Project Contact:
Matthew Mayer, PE, PTOE
630-434-6863
mmayer@downers.us
- Consultant Project Contact:
Michael Werthmann, PE, PTOE
KLOA, Inc.
847-518-9990
mwerthmann@kloainc.com
- Traffic Study Information:
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