

VILLAGE OF DOWNERS GROVE
REPORT FOR THE VILLAGE COUNCIL MEETING
JULY 20, 2010 AGENDA

SUBJECT:	TYPE:	SUBMITTED BY:
Yield Sign Installation: 4 th Street at Victor Street	✓ Resolution Ordinance Motion Discussion Only	Nan Newlon, P.E. Director of Public Works

SYNOPSIS

An ordinance has been prepared to amend sections of the Municipal Code concerning the installation of a Yield sign at the intersection of 4th Street and Victor Street.

STRATEGIC PLAN ALIGNMENT

The Five Year Plan and Goals identified *Exceptional Services and Communication*.

FISCAL IMPACT

N/A

UPDATE & RECOMMENDATION

This item was discussed at the July 13, 2010 meeting. Staff recommends approval on the July 20, 2010 active agenda.

BACKGROUND

The intersection of 4th Street and Victor Street is currently uncontrolled in all directions. Staff received a request from concerned residents inquiring about intersection control and safety at this location. In response, staff conducted an intersection warrant analysis to determine the type of signage control would be warranted at the location. Based on the data collected by staff, the warrants for stop sign control were not satisfied at the intersection. Staff then conducted an analysis to determine if yield sign control would be appropriate at the location.

Based on the intersection warrant analysis, staff has determined that this intersection meets the minimal criteria for upgrading this location with a yield sign. Staff recommends the installation of yield control at the intersection of 4th Street and Victor Street. The objective is to control the minor approaches at this intersection. Therefore, staff recommends that 4th Street be yield sign controlled, permitting Victor Street to have unrestricted flow.

This item was not presented to the Transportation and Parking Commission for review due to the fact that staff's analysis of the intersection found that a traffic control device was necessary at the location. Staff recommends approval.

ATTACHMENTS

Ordinance
 Exhibit
 Warrant

VILLAGE OF DOWNERS GROVE
COUNCIL ACTION SUMMARY

INITIATED: Public Works **DATE:** July 20, 2010
(Name)

RECOMMENDATION FROM: Transportation and Parking Commission **FILE REF:** _____
(Board or Department)

NATURE OF ACTION:

STEPS NEEDED TO IMPLEMENT ACTION:

- Ordinance
- Resolution
- Motion
- Other

Motion to Adopt “AN ORDINANCE AMENDING TRAFFIC PROVISIONS AT THE INTERSECTION OF 4TH & VICTOR”, as presented.

SUMMARY OF ITEM:

Adoption of the attached ordinance shall amend traffic provisions on 4th Street and Victor.

RECORD OF ACTION TAKEN:

ORDINANCE NO. _____

**AN ORDINANCE AMENDING TRAFFIC PROVISIONS
AT THE INTERSECTION OF 4TH & VICTOR**

BE IT ORDAINED by the Village Council of the Village of Downers Grove in DuPage County,
Illinois, as follows: (Additions are indicated by **shading/underline**; deletions by ~~strikeout~~):

Section 1. That Section 14.63 is hereby amended to read as follows:

14.63 Isolated yield right-of-way signs.

On the basis of traffic investigations at the below named intersections, it is found that traffic conditions warrant preference to traffic as indicated and that the enumerated streets should be designated as "yield right-of-way entrances".

* * *

4th Street. At the northeast and southwest corners of the intersection of 4th Street and Victor Street, regulating both eastbound and westbound traffic on 4th Street.

* * *

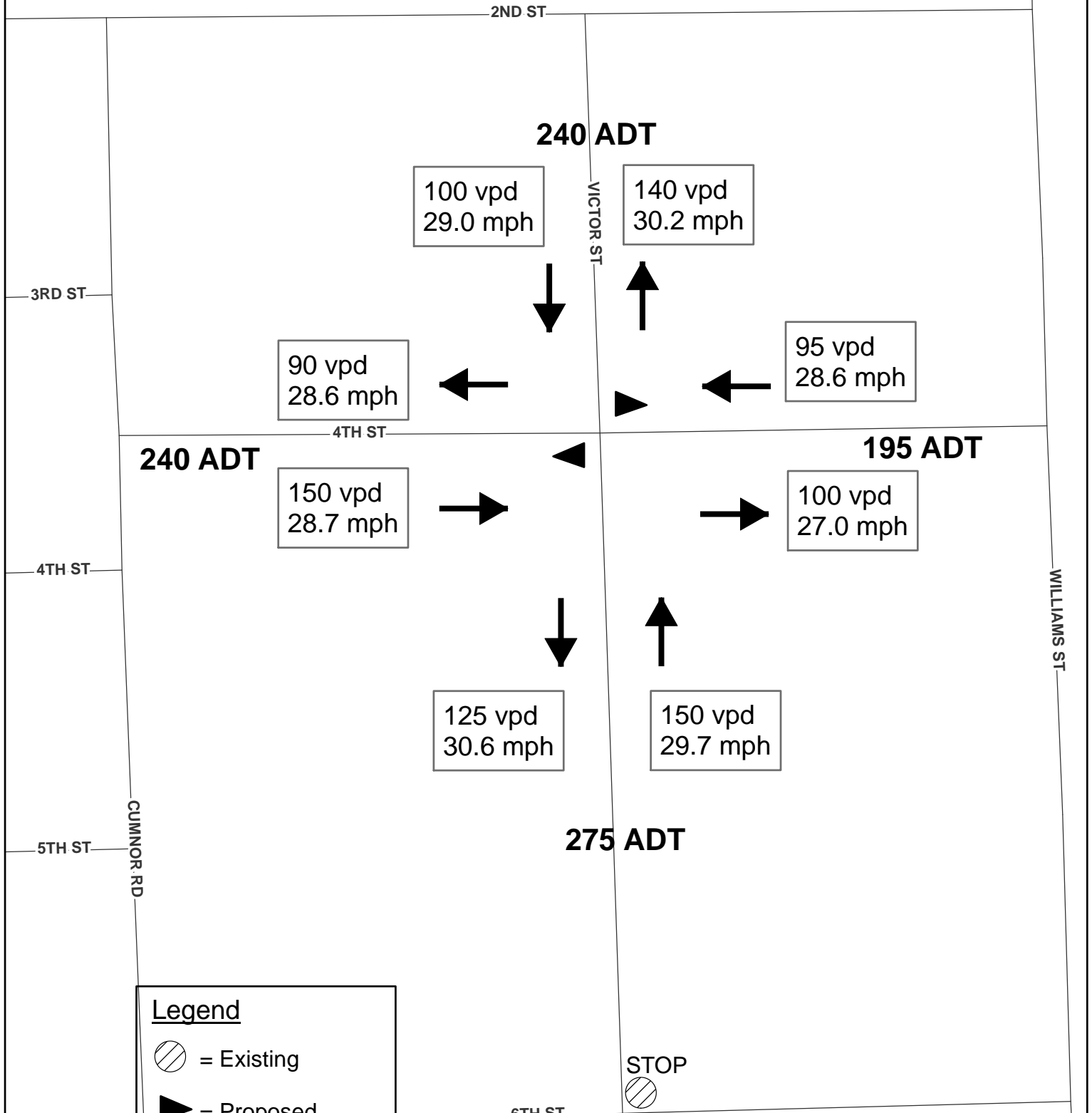
Section #2 That all ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

Section #3. That this ordinance shall be in full force and effect from and after its passage and publication in the manner provided by law.

Mayor

Passed:
Published:
Attest: _____
Village Clerk

I:\mw\ord.10\4th&Victor-short



240 ADT

100 vpd
29.0 mph

140 vpd
30.2 mph

90 vpd
28.6 mph

95 vpd
28.6 mph

240 ADT

150 vpd
28.7 mph

195 ADT



100 vpd
27.0 mph

125 vpd
30.6 mph

150 vpd
29.7 mph

275 ADT

Legend

-  = Existing
-  = Proposed

vpd = vehicles per day
ADT = Average Daily
(24-hr) Traffic
mph = miles per hour

Yield Sign Warrant Data
4th St. at Victor St.
June, 2010



VILLAGE OF DOWNERS GROVE RESIDENTIAL YIELD WARRANT WORKSHEET

This worksheet has been developed to comprehensively address the concerns of residents toward determining the appropriate type of traffic control for the intersection of residential streets.

This Residential Yield Warrant Worksheet is applicable to the intersection of only residential streets. This procedure is not to be applied to the intersection of a residential street with a collector or arterial street as identified in the Village's Roadway Classification Map.

INTERSECTION: 4th St at Victor St.

<u>CRITERIA</u>		<u>CRITERIA SATISFIED?</u>
1. Minor Street Volume ≤ 600 veh per day	<u>DATA</u> _430_	<u>Y or N</u> __Y__
2. Major Street Volume ≤ 1500 veh per day	<u>DATA</u> _515_	<u>Y or N</u> __Y__
3. Approach Speed Limits ≤ 25 miles per hour	<u>DATA</u> _25_	<u>Y or N</u> __Y__
4. Intersection Crashes ≤ 2 in last 3-yr period. (2009, 08, 07)	<u>DATA</u> _1_	<u>Y or N</u> __Y__
5. Intersection Approaches Conditions are such that a full stop is not always required		<u>Y or N</u> __Y__
6. Intersection Conditions Special problem exists and where engineering judgment indicates such problem is susceptible to correction by use of Yield signs.		<u>Y or N</u> __Y__

NUMBER of "YES" CHECKS



6

SUMMARY:

IF "YES" Checks equals 6, WARRANT IS SATISFIED, AND STAFF RECOMMENDS **YIELD SIGNS** be Installed on the Minor Road.