

COUNCIL WORKSHOP ITEM

ITEM: File #11-02
DATE: June 14, 2002
PREPARED BY: Dorin Fera, Traffic Manager
PURPOSE: To Amend Ordinance to Reduce Current Speed on Cornell Avenue
Between Warren Avenue and Prairie Avenue

DISCUSSION:

Staff has initiated investigations of existing traffic operations along Cornell Avenue between Warren Avenue and Prairie Avenue. The purpose of the analyses was to determine the feasibility of converting this section of Cornell Avenue to a lower posted speed limit.

It makes sense for Cornell Avenue, which has a similar volume of traffic as the adjacent streets, to be posted similarly.

The Parking and Traffic Commission recommends that the current 30 MPH speed limit on Cornell Avenue between Prairie Avenue and Warren Avenue be lowered to 25 MPH.

ATTACHMENTS:

Recommendation of Parking and Traffic Commission – June 12, 2002

June 12th Minutes of the Parking and Traffic Commission

RECOMMENDATION:

An ordinance amending regulatory control. Place this item on a future Workshop Agenda.

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11-02

**PARKING AND TRAFFIC COMMISSION
ORDINANCE REQUEST FORM**

1. Chapter and Section of the Municipal Code to be amended: 14-37.
2. Text of ordinance requested (including measurements, complete street names (i.e. Avenue, Road, etc.), directions, etc.):

It is hereby determined and declared that twenty-five miles per hour is a reasonable and safe absolute maximum speed limit for vehicles on the following street:

- *Cornell Avenue*, between Warren Avenue and Prairie Avenue.

3. Current restrictions at this location. (For example, is there currently a stop sign that is to be changed to a yield sign?)

N/A

4. List of all current ordinances that will conflict with or be affected by the requested ordinance and the requested changes to these ordinances:

N/A

Please attach this form to the Council Action Summary Sheet.



Village of
DOWNERS GROVE
 ILLINOIS

Civic Center
 801 Burlington Avenue
 Downers Grove
 Illinois 60515-4776
 630.434.5500
 TDD 630.434.5511
 FAX 630.434.5571

*Fire Department
 Administration*
 6701 Main Street
 Downers Grove
 Illinois 60516-3426
 630.434.5980
 FAX 630.434.5998

Police Department
 825 Burlington Avenue
 Downers Grove
 Illinois 60515-4783
 630.434.5600
 FAX 630.434.5690

Public Works Department
 5101 Walnut Avenue
 Downers Grove
 Illinois 60515-4074
 630.434.5460
 FAX 630.434.5495

*Department of
 Social & Health Services*
 842 Curtiss Street
 Downers Grove
 Illinois 60515-4074
 630.434.5595
 FAX 630.434.5599

Village of
Downers Grove Website
<http://www.vil.downers-grove.il.us>
Community Response Center
 630.434.CALL (2255)

June 14, 2002

MAYOR BRIAN KRAJEWSKI AND COUNCIL MEMBERS

RE: P & T File # 11-02 Cornell Avenue Regulatory Control
 Between Warren Avenue and
 Prairie Avenue

Dear Mayor Krajewski and Council Members:

On Wednesday, June 14, 2002, the Parking and Traffic Commission adopted the following motion:

COMMISSIONER CARLQUIST MOVED TO RECOMMEND TO THE VILLAGE COUNCIL THAT THE CURRENT 30-MPH SPEED LIMIT ON CORNELL AVENUE BETWEEN PRAIRIE AVENUE AND WARREN AVENUE BE LOWERED TO 25 MPH.

COMMISSIONER THURSTON SECONDED THE MOTION.

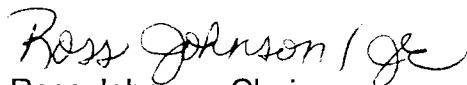
**Roll Call: AYE: Mr. Carlquist, Mr. Thurston, Mr. Kren,
 Mr. Wendt, Mr. Yeksigian and
 Chairman Johnson.**

NAY: None.

Motion Carried: 6:0

Staff has initiated investigations of existing traffic operations along Cornell Avenue between Warren Avenue and Prairie Avenue. The purpose of the analyses was to determine the feasibility of converting this section of Cornell Avenue to a lower posted speed limit.

It makes sense for Cornell Avenue, which has a similar volume of traffic as the adjacent streets, to be posted similarly.

Sincerely,

 Ross Johnson, Chairman
 Parking & Traffic Commission
VILLAGE OF DOWNERS GROVE

RJ/je

NEW BUSINESS

File #11-02 Cornell Avenue Regulatory Control Between Warren Avenue and Prairie Avenue

Chairman Johnson read excerpts from the Staff Report.

BACKGROUND

Staff has initiated investigations of existing traffic operations along Cornell Avenue between Warren Avenue and Prairie Avenue. The purpose of the analyses was to determine the feasibility of converting this section of Cornell Avenue to a lower posted speed limit.

STUDY

Currently, Cornell Avenue is designated a local roadway. And since a speed limit is not posted, by Village ordinance Cornell Avenue is a designated 30 miles per hour street. Staff obtained the following background data:

- Traffic counts were taken in July, 2001
- The average daily traffic is approximately 275 vehicles. This volume is considerably less than the typical 800 vehicles per day experienced on other local roadways.
- The 85th percentile speed recorded was 28 MPH, with the average speed for all vehicles ranging between 24-25 MPH
- The accident history states that there were 2 accidents in 2002, 1 in 2000 and 0 in 1999.
- The roadway width is narrow (approximately 18-20 feet wide) with no sidewalk along either side. There are no parking restrictions along either side within this section. And there are two blind hills within this section.
- The adjacent streets, including Woodward, Stonewall and Lee Avenues are all posted at 25 MPH. Cornell Avenue is very similar in design and operation to its neighboring streets.

The average 85th percentile speed for this section of Cornell Avenue is 28 MPH. Normally, posted speeds are set close to the 85th percentile speed. Some adjustments are allowed, as follows, pertaining to Cornell Avenue: 10% reduction for more than 61 driveways per mile; 5% reduction for allowing parallel parking and 5% reduction for pedestrian activity greater than 10 pedestrians per hour for any three hours within an eight-hour period. These reductions total 20% or about 7 MPH. This would make the adjusted recommended speed 21 MPH. It makes sense for Cornell Avenue, which has a similar volume of traffic as the adjacent streets, to be posted similarly.

RECOMMENDATION

Staff advises that the Parking and Traffic Commission forward a positive recommendation to the Village Council that the following be implemented:

- THE CURRENT 30-MPH SPEED LIMIT ON CORNELL AVENUE BETWEEN PRAIRIE AVENUE AND WARREN AVENUE BE LOWERED TO 25 MPH.

Chairman Johnson stated that he does not think that the speed limit change would make that much of a difference since motorists drive a street at the speed at which they deem safe. He further stated that the average daily traffic volume on Cornell Avenue is approximately 275 vehicles, which means that 95% of the traffic is residential.

Commissioner Carlquist stated that he does not want to create the same type of problem that was created on 62nd Street when the speed limit was posted. He said that if motorists are driving the street at 22 MPH he does not want the sign posting to cause them to drive faster.

Mr. Fera stated that he had received calls from residents along Cornell who were also concerned with the fact that there are no sidewalks along Cornell and would feel better having the speed limit posted at 25 MPH.

Mr. Schiller stated that this is basically a cosmetic change.

Chairman Johnson stated that if the 85th percentile rule works than in six months there should be no change in the speed that the street is driven at.

COMMISSIONER CARLQUIST MOVED TO RECOMMEND TO THE VILLAGE COUNCIL THAT THE CURRENT 30-MPH SPEED LIMIT ON CORNELL AVENUE BETWEEN PRAIRIE AVENUE AND WARREN AVENUE BE LOWERED TO 25 MPH.

COMMISSIONER THURSTON SECONDED THE MOTION.

**Roll Call: AYE: Mr. Carlquist, Mr. Thurston, Mr. Kren, Mr. Wendt,
 Mr. Yeksigian and Chairman Johnson.**

NAY: None.

Motion Carried: 6:0

File # 13-02 Safety and Regulatory Control on the 4900 Block of Stonewall

BACKGROUND

Staff has received requests from the adjacent residents regarding the speeding and safety problems currently experienced within the 4900 block of Stonewall Avenue. In addition, the residents are concerned with the lack of sidewalk along either side of the street, and also with the possibility of installing traffic calming devices, such as speed humps. This concern has been raised previously through letters to staff. Staff has reviewed this location and has prepared the following evaluation.

STUDY

- The roadway is narrow, between 18-19 feet wide with a 25 MPH posted speed limit.
- The average daily traffic in this section is 360 vehicles. The 85th percentile speed is not currently available, but staff estimates it to be approximately 26-27 MPH

VILLAGE OF DOWNERS GROVE
COUNCIL ACTION SUMMARY

INITIATED: Traffic Engineer **DATE:** August 6, 2002
(Name)

RECOMMENDATION FROM: Parking & Traffic Commission **FILE REF:** 11-02
(Board or Department)

NATURE OF ACTION:

- Ordinance
- Resolution
- Motion
- Other

STEPS NEEDED TO IMPLEMENT ACTION:

Motion to Adopt "AN ORDINANCE AMENDING THE SPEED LIMIT ON CORNELL", as presented.



SUMMARY OF ITEM:

On Wednesday, June 14, 2002, the Parking and Traffic Commission moved to recommend that the speed limit on Cornell Avenue between Prairie and Warren be reduced from 30 mph to 25 mph.

RECORD OF ACTION TAKEN:

ORDINANCE NO. _____

AN ORDINANCE AMENDING THE SPEED LIMIT ON CORNELL AVENUE

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

SECTION 1. That Section 14-37 of the Downers Grove Municipal Code is hereby amended as follows:

14-37. Same—Twenty-five miles per hour.

It is hereby determined and declared that twenty-five miles per hour is a reasonable and safe absolute maximum speed limit for vehicles on the following streets:

Almond Court.

Arrow Wood Lane.

Ashbury Avenue.

Baimbridge Drive.

Barberry Court.

Barneswood Court.

Barneswood Drive, between Highland Avenue and the westerly Village limits.

Baybury Road.

Black Oak Drive.

Bolson Drive, between Dunham Road and Woodward Avenue.

Brookbank Avenue, between 59th Street and 63rd Street.

Brookside Lane.

Brunette Drive, between Springside Avenue and Bolson Drive.

Buckthorn Lane.

Candlewood Court.

Candlewood Drive.

Canterbury Place.

Carpenter Street, between Gilbert Avenue and Blanchard Street.

Carpenter Street, between 59th Street and 63rd Street.

Chase Avenue, between Hobson Road and 63rd Street.

Chicago Avenue, between Oakwood Avenue and Lee Avenue.

Chicago Avenue, between Woodward Avenue and Belmont Road.

Claremont Drive, between Main Street and Fairview Avenue.

Concord Drive, between Dunham Road and Woodward Avenue.

Coralberry Lane.

Cornell Avenue, from Gilbert Avenue south to the dead end of Cornell Avenue located south of Curtiss Street.

Cornell Avenue, between Warren Avenue and Prairie Avenue.

Creek Wood Court.

Cumnor Road, between Ogden Avenue and 55th Street.

Cumnor Road, between Ogden Avenue and 39th Street.

Curtiss Street, between Cornell Avenue and Belmont Road.

Douglas Road, between Rogers Street and 39th Street.

Downers Drive, from the north line of Ogden Avenue to the northerly corporate limits of the Village except for that portion from the Butterfield Frontage Road to a point nine hundred feet south thereof.

Duchess Court.

Dunham Road, between Maple Avenue and Bolson Drive.

Earlston Road, between 39th Street and Ogden Avenue.

Elizabeth Lane.

Elm Street, between 39th Street and Warren Avenue.

Elmore Avenue, between Belmont Road and Lee Avenue.

Fairmount Avenue, between Maple Avenue and 55th Street.

Fairmount Avenue, between Claremont Drive and 63rd Street (except the parts thereof, if any, outside of the Village limits), and between 55th Street and 59th Street.

Fairmount Avenue, from the south line of Claremont Drive to the north line of 75th Street.

Florence Avenue, between Second Street and 55th Street.

Florence Avenue, northerly from the north line of Manning Road to the nearest corporate limit of the Village.

Forest Avenue, between 39th Street and Prairie Avenue and between Franklin Street and Curtiss Street. Two years from the effective date of the most recent amendment to this paragraph, the maximum speed limit for Forest Avenue between Prairie Avenue and Franklin Street will automatically revert to twenty-five miles per hour.

Franklin Street, between Oakwood Avenue and Fairview Avenue.

Gilbert Avenue, between Forest Avenue and Cornell Avenue.

Glendenning Road, between 39th Street and Ogden Avenue.

Golden Bell Court.

Grand Avenue, between Burlington Avenue and 55th Street.

Grand Avenue, between 59th Street and 63rd Street.

Grant Street, between Cumnor Road and Fairview Avenue.

Highland Avenue, between 39th Street and Warren Avenue.

Hitchcock Avenue, between Cornell Avenue and Belmont Road.

Holly Court.

Janes Avenue, between Hobson Road and 63rd Street.

Knottingham Lane.

Laurel Court.

Lee Avenue, between Ogden Avenue and Maple Avenue.

Leonard Avenue, between Hobson Road and 63rd Street.

Lindley Street, between Ogden Avenue and the northern terminus of Lindley Street.

Linscott Avenue, between Chicago Avenue and Franklin Street.

Lyman Avenue, between Maple Avenue and 59th Street.

Main Street, between Franklin Street and Maple Avenue.

Marie Drive.

Middaugh Avenue, between Grant Street and Warren Avenue.

Oakwood Avenue, between Ogden Avenue and Warren Avenue.

Oxford Street, between Main Street and Fairmount Avenue.

Oxnard Drive, between Woodward Avenue and Bolson Drive.

Pershing Road, between Ogden Avenue and Warren Avenue.

Plum Court.

Prentiss Drive, between Springside Avenue and Puffer Road.

Prince Street, between Ogden Avenue and Franklin Street.

Puffer Road, between Hobson Road and 63rd Street.

Queens Court.

Quince Court.
Red Bud Court.
Rogers Street, between Highland Avenue and Maple Avenue.
Rohrer Drive.
Roslyn Road, between Ogden Avenue and Maple Avenue.
Saratoga Avenue, from the north line of 39th Street to the south line of 35th Street.
Saratoga Avenue, between Prairie Avenue and Warren Avenue.
Seeley Avenue, between Ogden Avenue and Warren Avenue.
Shady Lane, between the west line of Cumnor Road and the point of intersection between Shady Lane and 40th Place.
Sherman Street, between Elm Street and Fairview Avenue.
Silver Court.
Snowberry Lane.
Springside Avenue, between Maple Avenue and Jefferson Avenue.
Springside Avenue, between 63rd Street and 71st Street.
Stanley Avenue, between Chicago Avenue and Ogden Avenue.
Sterling Road, between Grant Street and Chicago Avenue.
Sterling Road, between 39th Street and Ogden Avenue.
Stonewall Avenue, between Ogden Avenue and Warren Avenue and between Concord Drive and Bolson Drive.
Venard Road, between Ogden Avenue and 35th Street.
Victor Street, between Second Street and 55th Street.
Washington Street, between 39th Street and 59th Street.
Williams Street, between the north line of Plainfield Road and the south line of 75th Street, except those portions thereof situated outside the corporate limits of the Village.
Williams Street, between Ogden Avenue and 39th Street.
Williams Street, between the north line of 55th Street and the south line of Quincy Street, except that portion thereof situated outside of the corporate limits of the Village.
Wilson Avenue, between Chicago Avenue and Ogden Avenue.
Woodward Avenue, between Ogden Avenue and Warren Avenue.
6th Street, between Fairview Avenue and Williams Street.
7th Street, between Fairview Avenue and Williams Street.
8th Street, between Fairview Avenue and Williams Street.
35th Street, from the west line of Highland Avenue to the east line of the Illinois State Toll Highway.
39th Street, between Highland Avenue and the westerly Village limits.
40th Place, between the east line of Fairview Avenue and the point of intersection between 41st Street and 40th Place.
40th Street, between Main Street and Fairview Avenue.
41st Street, between the west line of Cumnor Road and the point of intersection between 41st Street and 40th Place.
41st Street, between Main Street and Fairview Avenue.
41st Street, between Main Street and Saratoga Avenue.
59th Street, between Main Street and Dunham Road.
60th Street, between Belmont Road and Puffer Road.
61st Street, between Belmont Road and Janes Avenue.
62nd Street, between Chase Avenue and Janes Avenue.
72nd Street, from the west line of Blackburn Avenue to the western terminus of 72nd Street.

(Ord. No. 1428, § 2; Ord. No. 1434, § 2; Ord. No. 1519, § 5; Ord. No. 1524, § 5; Ord. No. 1536, § 5; Ord. No. 1719, § 5; Ord. No. 1726, § 5; Ord. No. 1785, § 5; Ord. No. 1838, § 5; Ord. No. 1901, § 5;

Ord. No. 1945, § 5; Ord. No. 2021, § 4; Ord. No. 2043, § 1; Ord. No. 2095, § 1; Ord. No. 2104, §§ 1, 2; Ord. No. 2418, § 1; Ord. No. 2466, § 1; Ord. No. 2475, § 1; Ord. No. 2481, § 1; Ord. No. 2580, § 3; Ord. No. 2663, § 6; Ord. No. 2862, § 1; Ord. No. 2909, § 1; Ord. No. 2930, § 3; Ord. No. 2940, § 3; Ord. No. 2953, § 3; Ord. No. 2973, § 3; Ord. No. 2980, § 3; Ord. No. 2997, § 3; Ord. No. 3102, § 4; Ord. No. 3103, § 4.)

NOTE: For state law authorizing Village to determine maximum speed limit, see Ill. Comp. Stat., ch. 625, § 5/11-604.

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

[cornell]