

**Memorandum
Public Works Department**



To: City Manager
Subject: Stop Signs
Date: December 28, 2015
Number: 2015-265

SOURCE OF REQUEST:

Alderman Chuck Austin
1528 3rd Avenue
Rock Island, IL 61201

NATURE OF REQUEST:

The Traffic Engineering Committee received a request from Alderman Chuck Austin to change the yield signs at Denkmann School to stop signs.

MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES WARRANTS:

The excerpts from the Manual of Uniform Traffic Control Devices (MUTCD) are attached.

CONTACTS WITH RESIDENTS:

None

TRAFFIC STUDY INFORMATION:

The installation of stop signs is not warranted.

COST:

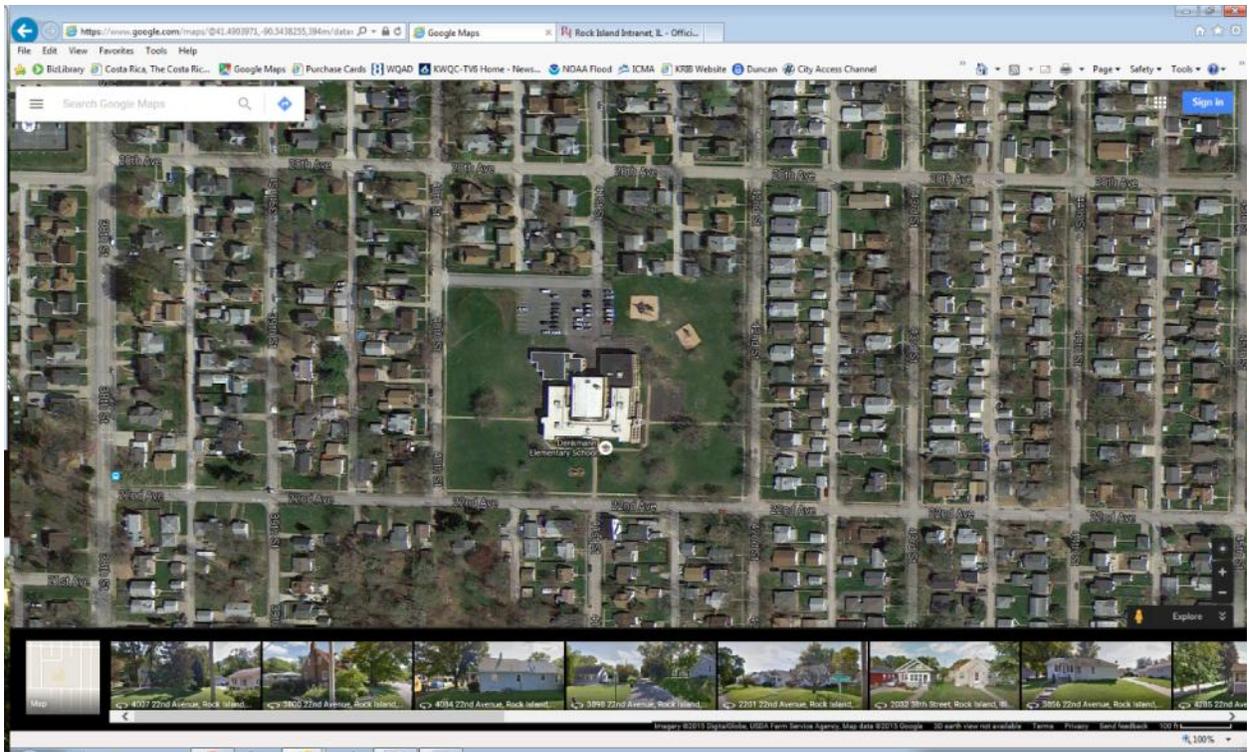
The cost to the city is minimal.

RECOMMENDATION:

The Traffic Engineering Committee recommends that the City Council approves the request to change the yield signs at 42nd Street and 22nd Avenue to stop signs and direct the city attorney to prepare the necessary paperwork.

Submitted by: Randall D. Tweet, Public Works Director
Traffic Engineering Committee

Approved by: Thomas Thomas, City Manager





Michelle Martin <martin.michelle@rigov.org>

Re: Stop signs near Denkmann

1 message

Work <tweet.randall@rigov.org>

Mon, Dec 21, 2015 at 2:31 PM

To: Michelle Martin <martin.michelle@rigov.org>

Cc: Mike Bartels <bartels.michael@rigov.org>

Michelle, the request is to change these yield signs to stop signs.

Randy Tweet
Public Works Director
1309 Mill Street
Rock Island, IL 61201
(309) 732-2286

From: Michael Bartels
Sent: Monday, December 21, 2015 1:56 PM
To: Randall Tweet
Cc: Michelle Martin
Subject: Re: Stop signs near Denkmann

Randy,

42nd and 43rd Street have yield signs for north and south bound traffic.

Thanks,

Michael Bartels
Municipal Services Superintendent
City of Rock Island
1309 Mill Street
Rock Island, IL 61201
309-732-2239

On Fri, Dec 18, 2015 at 4:26 PM, Randall Tweet <tweet.randall@rigov.org> wrote:

Michelle, please put this on the next TEC agenda. The school wants to replace the yield signs with stop signs.

Mike, please visit the area and determine which intersections on 22nd next to the school have yield signs. It may just be 42nd Street.

I would like to have this on the January 4th Council Agenda.

Thanks,

Randy

----- Forwarded message -----

From: <charlesaustin@mchsi.com>
Date: Mon, Nov 9, 2015 at 7:58 AM
Subject: Stop signs near Denkmann
To: Work <tweet.randall@rigov.org>

Cc: Thomas Thomas <thomas.thomas@rigov.org>

Randy

You may recall that it was brought up at my ward meeting that the Denkmann School neighborhood might be better served by having stop signs at the end of each of the one way sections. 41st Street is one-way northbound from 22nd Avenue to 20th Avenue and 42nd Street is one-way southbound from 20th Avenue to 22nd Avenue.

I pointed out that I had visited with Principal John Frieden (School number 793.5922) a couple of years ago and, at that time, he was in favor of keeping things as they were. In checking with him recently, he is now in favor of and is requesting that the city consider and place stop signs at these two corners.

I told him that I would pass his request on to the City for action by the Traffic Engineering Committee and that if more information or a written request was needed from him (or another District #41 administrator), someone would be in contact with him.

Randy, is this enough to get the ball rolling? If so, is there any kind of timeline that I can share with John?

Thanks,

Chuck Austin

STOP

Regulatory Signs

2B-5 Warrants for Stop Sign

Because the STOP sign causes a substantial inconvenience to motorists, it should be used only where warranted. A STOP sign may be warranted at an intersection where one or more of the following conditions exist:

1. Intersection of a less important road with a main road where application of the normal right-of-way rule is unduly hazardous.
2. Street entering a through highway or street.
3. Unsignalized intersection in a signalized area.
4. Other intersections where a combination of high speed, restricted view, and serious accident record indicates a need for control by the STOP sign.

Prior to the application of these warrants, consideration should be given to less restrictive measures, such as the YIELD sign (2B-7) where a full stop is not necessary at all times. Periodic reviews of existing installations may be desirable to determine whether, because of changed conditions the use of less restrictive control or no control could accommodate traffic demands safely and more effectively.

STOP signs should never be used on the through roadways of expressways. Properly designed expressway interchanges provide for the continuous flow of traffic, making STOP signs unnecessary even on the entering roadways. Where at-grade intersections are temporarily justified for local traffic in sparsely populated areas, STOP signs should be used on the entering roadways to protect the through traffic. STOP signs may also be required at the end of diverging roadways at the intersection with other highways not designed as expressways. In most of these cases, the speeds will not warrant any great increase in the sign sizes.

STOP signs shall not be erected at intersections where traffic control signals are operating. The conflicting commands of two types of control devices are confusing. If traffic is required to stop when the operation of the stop-and-go signals is not warranted, the signals should be put on flashing operation with the red flashing light facing the traffic that must stop.

Where two main highways intersect, the STOP sign or signs should normally be posted on the minor street to stop the lesser flow of traffic. Traffic engineering studies, however, may justify a decision to install a STOP sign or signs on the major street, as at a three-way intersection where safety considerations may justify stopping the greater flow of traffic to permit a left-turning movement.

STOP signs may be used at selected railroad-highway grade crossings only after their need has been determined by a detailed traffic engineering study. Use of the STOP

sign at railroad-highway grade crossings is described in section 8B-9.

Portable or part-time STOP signs shall not be used except for emergency purposes. Also, STOP signs should not be used for speed control.

