



TO: Mayor Shaun Sipma
Members of the City Council

FROM: Stephen Joersz P.E. P.T.O.E., Traffic Engineer

DATE: August 16, 2021

SUBJECT: ENGINEERING STUDY AT THE INTERSECTION OF 14TH AVENUE SW AT 10TH STREET SW

I. RECOMMENDED ACTION

1. It is recommended that Council pass an ordinance to add a Stop Sign for the eastbound 14th Avenue SW approach at 10th Street SW.

STOP STREET
14th Avenue SW

AT ITS INTERSECTION WITH
10th Street SW

II. DEPARTMENT CONTACT PERSONS

Lance Meyer, City Engineer	857-4100
Stephen Joersz, Traffic Engineer	857-4100

III. DESCRIPTION

A. Background

Dr. Ugobi reach out to the City of Minot Planning and Engineering Departments about constructing a fence on his property, located at 1316 10th Street SW. One step in that fence analysis process is to review any potential view obstructions cause by the construction of a new fence.

Currently, the 14th Avenue SW and 10th Street SW intersection is an uncontrolled T-intersection with 14th Avenue SW terminating at 10th Street SW. This results in the eastbound 14th Avenue SW approach being treated as an uncontrolled or yield approach. The sight triangle for this uncontrolled approach would hamper Dr. Ugobi’s intentions with a new fence.

B. Proposed Project

In consultation with Dr. Ugobi, the City of Minot Engineering department is recommending the addition of a stop sign for the eastbound 14th Avenue SW approach at 10th Street SW. This addition of a stop sign also alleviates the view obstruction caused by the evergreen trees on the south side of 14th Avenue SW at 10th Street SW.

C. Consultant Selection

N/a

IV. IMPACT:

- A. Strategic Impact:
A safer and more visible intersection for 14th Avenue SW at 10th Street SW.
- B. Service/Delivery Impact:
N/a
- C. Fiscal Impact:
Similar to past traffic sign requests, Dr. Ugobi has agreed to pay the initial installation costs associated with a new stop sign. The Traffic Department will take over maintenance immediately thereafter.

Project Costs
N/A

V. ALTERNATIVES

- A. Council could reject the proposed ordinance and leave the intersection of 14th Avenue SW and 10th Street SW as-is. This would force Dr. Ugobi to modify his fence plans.

VI. TIME CONSTRAINTS

N/a

VII. LIST OF ATTACHMENTS

- A. Proposed Ordinance (Stop Sign Ord – 14th Avenue SW at 10th Street SW)
- B. Stop Sign Graphic