


COUNCIL COMMUNICATION

	Number:	19-437	Meeting:	October 14, 2019
	Agenda Item:	51	Roll Call:	[_____]
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Amending Chapter 114 of the Municipal Code to include four-way stop control at the intersection of 7th Street and Jefferson Avenue.

SYNOPSIS:

The proposed traffic regulation change provides all-way stop control at the intersection of 7th Street and Jefferson Avenue at the request of the ward Councilmember. Staff does not recommend the installation of all-way stop control at this intersection as the crash data and traffic volumes do not meet the warrant criteria outline in the Manual on Uniform Traffic Control Devices.

FISCAL IMPACT:

Amount: Minor costs for sign installations.

Funding Source: 2019-20 Operating Budget, page 83 Engineering Department Traffic and Transportation—Sign, Painting, Signal and Lighting, EG062080.

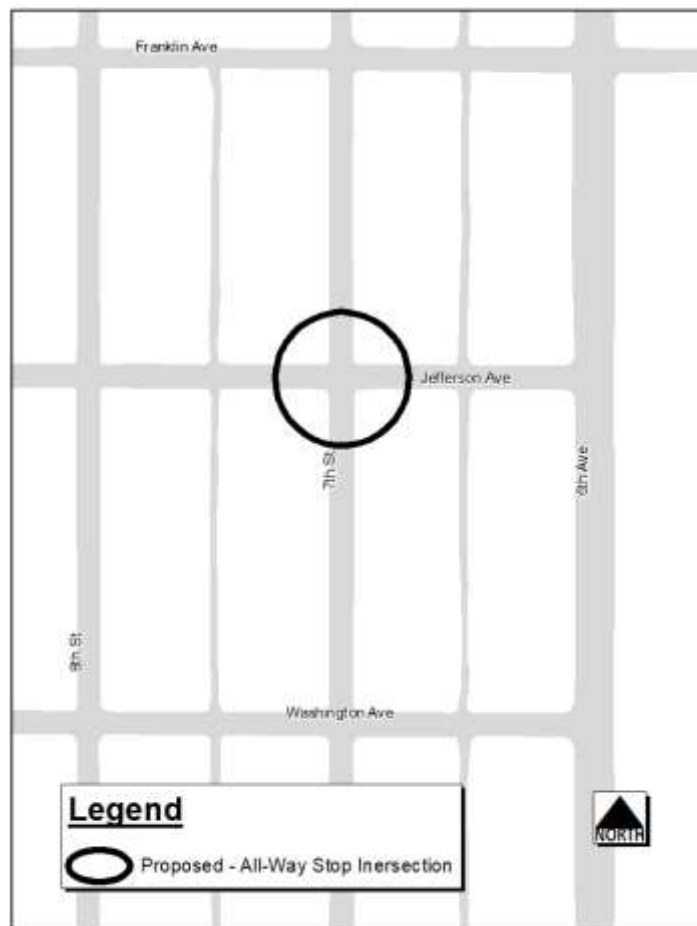
ADDITIONAL INFORMATION:

- Staff received a request in late 2018 from a resident, through the ward Councilmember, to install all-way stop control at the intersection of 7th Street and Jefferson Avenue. The intersection is currently two-way stop controlled with north/south 7th Street traffic stopping.
- Staff reviewed the traffic volumes, crash data, intersection visibility and existing stop sign size and placement. Vegetation that was encroaching on the vision clearance triangle was trimmed and the stop signs were replaced with 30-inch stop signs to meet the current standard.
- The traffic volumes and crash history at the intersection of 7th Street and Jefferson Avenue do not meet the warrant criteria outlined in the Manual on Uniform Traffic Control Devices (MUTCD). The MUTCD is a document published by the Federal Highway Association and adopted by the State of Iowa that provides consistency on how traffic control is determined and implemented throughout the United States.
- At the direction of the City Manager, the request for an all-way stop at the intersection of 7th Street and Jefferson Avenue was presented to the Transportation Safety Committee on October 8, 2019. The Committee voted not to install an all-way stop at 7th Street and Jefferson Avenue.

- Staff does not recommend the installation of an all-way stop at the intersection of 7th Street and Jefferson Avenue. The traffic volumes and crash history do not meet the criteria outlined in the MUTCD for the installation of all-way stop control. All-way stop control is not effective in reducing speeds and the addition of unwarranted traffic control can increase crashes due to disregard of the traffic control.
- By request of the ward Councilmember, this traffic regulation change is being brought forth for Council consideration. The following code changes will place all-way stop control at the intersection of 7th Street and Jefferson Avenue.

Sec. 114-319.03. Location of four-way stop intersections.

(45a) Jefferson Avenue and Seventh Street.



PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S):

Board: Transportation Safety Committee

Date: October 8, 2019

Resolution Number: N/A

Action: Motion was made by Luis Montoya to approve staff recommendation that an all-way stop at the intersection of 7th Street and Jefferson Avenue not be installed because the traffic volume and crash history do not meet the criteria outlined in the MUTCD for the installation of all-way stop control; seconded by Robin Witt. Motion passed 6:0.

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

For more information on this and other agenda items, please call the City Clerk's Office at 515-283-4209 or visit the Clerk's Office on the first floor of City Hall, 400 Robert D Ray Drive. Council agendas are available to the public at the City Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to cityclerk@dmgov.org.