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Public Works

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MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Mayor and City Council Members
CC: Gregg Mandsager, City Administrator
FROM: Brian Stineman, Public Works Director
DATE: November 2, 2016
RE: Discussion of Future Traffic Control at Houser and Fulliam Intersection.

INTRODUCTION:

The intersection of Houser and Fulliam was on the agenda of the November 2, 2016 meeting of the Traffic Committee. The traffic at the intersection is expected to increase in the near future and traffic control will be an issue.

BACKGROUND:

Development is expected in the area to the west of Houser Street. The main access to Houser will be via Fulliam Avenue. Currently north and southbound traffic on Houser are free-flowing and east and westbound traffic on Fulliam Avenue are controlled by a two-way stop. Traffic from Fulliam to Houser can experience long delays to access Houser which can be inconvenient to the travelling public. These delays are expected to increase as development occurs and more cars need to access Houser from Fulliam Avenue. According to the Iowa Department of Transportation, daily traffic counts on northbound Houser at Fulliam are 5,900 vehicles per day, southbound Houser at Fulliam are 9,500 vehicles per day, eastbound Fulliam at Houser are 210 vehicles per day and westbound Fulliam at Houser are 5,900 vehicles per day. Since 2006 there have been sixteen vehicle crashes at this intersection.

RECOMMENDATION/RATIONALE:

Staff would like to discuss with council several options for traffic control at this intersection including construction of a mini-round about, signalized intersection, and four-way stop.