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**Public Works**

**City Transit**  
263-8152

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: April 17, 2019

RE: Request to Increase Speed Limit on Bidwell Road from U.S. Highway 61 to the Existing 25 MPH Speed Sign West of Geneva Creek

**INTRODUCTION:**

City staff have studied the speed limit on Bidwell Road from Highway 61 eastward into the city. The current speed limit is 30 MPH from the highway to a 25 MPH zone approximately 300 feet west of Geneva Creek. Staff propose to raise the speed limit to 35 MPH from the highway to the existing 25 MPH speed zone near Geneva Creek.

**BACKGROUND:**

City staff have been evaluating speed limits on several streets leading from Highway 61 into the City of Muscatine. Deceleration from the highway to a much lower speed limit can be impractical and unnecessary. Staff want to evaluate the need for current speed limits and in instances where it makes sense and is safe to do so, recommend that they be increased to a practical speed limit. The police department speed trailer has been utilized to collect speed data and traffic counts in these locations.

**RECOMMENDATION/RATIONALE:**

Staff recommends that council approve this request to increase the speed limit on Bidwell Road from 30 MPH to 35 MPH from Highway 61 to the existing posted 25 MPH zone west of Geneva Creek.

**BACKUP INFORMATION:**

Speed Study Data  
Location Map



CITY OF  
MUSCATINE

BIDWELL ROAD  
PROPOSED SPEED LIMIT CHANGE

Date: 4/18/2019

<b>Study Name</b>	<b>Speed study</b>
<b>Study Location</b>	<b>Inbound Bidwell 30 MPH Zone</b>
<b>Start Date/Time</b>	<b>4/8/19 5:10</b>
<b>End Date/Time</b>	<b>4/12/19 3:35</b>
<b>Total Study Time</b>	<b>03 D 22 H 25 M</b>
<b>Total Vehicles</b>	<b>5762</b>
<b>Speed Limit</b>	<b>30 mph</b>
<b>Total Speeders</b>	<b>2262</b>
<b>Percent Speeding</b>	<b>39.3%</b>
<b>85th Percentile</b>	<b>34 mph</b>
<b>Median Speed</b>	<b>29 mph</b>
<b>Maximum Speed</b>	<b>74 mph</b>

Traffic Volume for Study, By Speed  
Study Name is Speed study  
Study Location was Inbound Bidwell 30 MPH Zone  
Speed Limit was 30 mph

Chart Start Time is 05:10 on 04/08/2019 and Chart End Time is 03:35 on 04/12/2019

