

## MEMORANDUM

TAG 17-3

**TO:** Traffic Advisory Group  
Joshua Scott, PE, City Engineer  
Andrew McGarvie, PE, Assistant City Engineer  
Joel Olea, Director of Public Works  
Brian Scanlan, Police Lieutenant  
Dustin Fields, Assistant Fire Chief  
Jennifer Albers, Principal Planner

**COPIES:** Alfred Guerrero, Senior Engineering Technician  
Carl Lund, Civil Engineer Associate  
Martin Agundez, Public Works Manager  
Pete Montalvo, Traffic Superintendent  
Eric Egan, Police Sergeant  
Russell Hartley, Police Sergeant  
TE Location File: 32<sup>th</sup> Street  
TAG file



**FROM:** Jonathan Fell, PE, PTOE, Traffic Engineer

**DATE:** February 9, 2017

**RE:** Approve Crane School District's request to install a Variable Speed Zone on 32<sup>nd</sup> Street

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### Recommendation

That the speed limit approaching Crane Middle School (CMS) be reduced to 25MPH during the morning drop off and afternoon release times with a pair of Variable Speed Signs.

### Discussion

There have been a number of safety concerns about school children crossing the marked crosswalk directly in front of CMS. Concerns range from visibility in the winter months to vehicle speeds on 32<sup>nd</sup> Street.

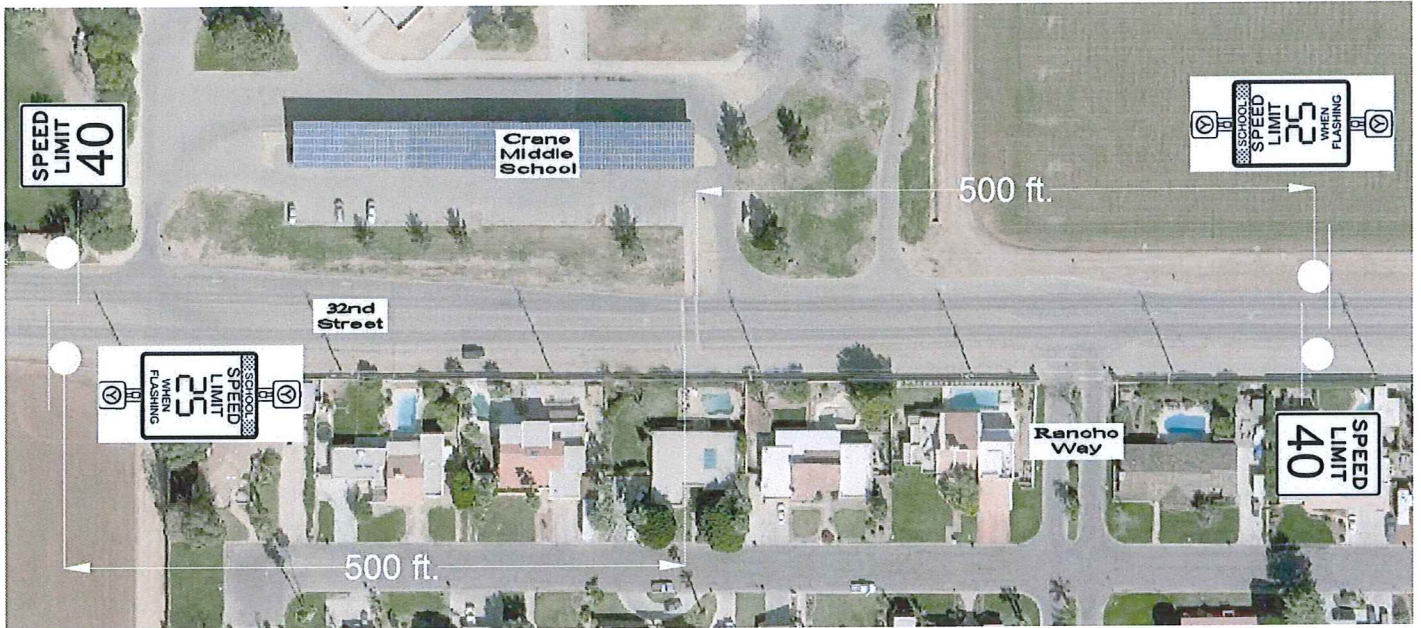
The current speed limit on 32<sup>nd</sup> Street is 45MPH and the roadway section consists of one thru lane in each direction and a center turn lane.

There are recorded counts of pedestrians that range from 4-7 users and this number does not meet the minimum warrants per ADOT Traffic Safety For School Area Guidelines to make this area a 15MPH SCHOOL ZONE. Therefore it is recommended to make this a variable 25MPH zone with flashing beacons.

It is anticipated that the Crane School District is contracting a vendor for installation and will maintain the pair of units. There will be no maintenance accepted by City Departments and only Engineering will provide a waiver of encroachment fees for the permit for installation.

## Required Action

1. Allow the Crane School District to install a variable speed zone in front of Crane Middle School approximately 500' on either side of the cross walk. It appears that the district is planning on purchasing a pair of solar units that contain their own controller, timer and power supply.



Copied Recipients: For informational purposes.