



**CITY COUNCIL
COMMUNICATION:**

ITEM _____

**OFFICE OF THE CITY MANAGER
CITY OF DES MOINES, IOWA**

00-477

SYNOPSIS -

AGENDA:

OCTOBER 16, 2000

Presentation of ordinance for a four-way stop at the intersection of East 28th Street and Douglas Avenue, along with alternative traffic calming measures.

SUBJECT:

FOUR-WAY STOP -
EAST 28TH STREET
AND DOUGLAS
AVENUE

FISCAL IMPACT -

Minor costs for installation of stop signs, from the Traffic and Transportation Division operating budget. If alternative traffic calming measures were installed, the estimated cost of \$3,000 to \$10,000 would come from the Capital Improvements Program, Citywide Neighborhood Traffic Control Program, Account CP038, ENG990000, STR131.

TYPE:

RESOLUTION
ORDINANCE

RECEIVE/FILE

RECOMMENDATION -

Receive and file.

SUBMITTED BY:

FLOYD BENTZ, P.E.
CITY ENGINEER

BACKGROUND -

At their October 2, 2000 meeting, by Roll Call No. 00-3962, the City Council directed the Legal Department to prepare the necessary legislation for a four-way stop at the intersection of East 28th Street and Douglas Avenue, and also directed that staff prepare a report if there are significant issues with placing stop signs at this intersection. Staff has reviewed this location and has determined that there are no unusual conditions that would cause unexpected difficulties with a four-way stop. However, the conditions indicate that a traffic calming feature such as a traffic circle might achieve the desired results in a less restrictive manner than a four-way stop.

In 1979, this intersection was changed from a four-way stop to a two-way stop, establishing Douglas Avenue as a through street from Lay Street to East 29th Street. This intersection is located one-half block

west of Adams Elementary School, and there is no sidewalk on the south side of the street west of the school. The School Route Map for Adams School directs students to cross Douglas Avenue from the school using the stop control at East 29th Street, and then proceed west along the north side of Douglas. Students are not directed to walk along the south side of Douglas where there is no sidewalk or to cross Douglas at East 28th Street.

The accident history at this intersection has been quite low with the existing two-way stop control, with only one reported accident in the last ten years. The intersection has adequate visibility on all four corners.

On the Council agenda is a roll call for the first reading of the ordinance for installation of a four-way stop at this intersection. If Council wishes to consider an alternative traffic calming treatment for this location, staff would work with the Douglas Acres Neighborhood Association and Adams School to determine the suitability of traffic calming measures.