



**CITY COUNCIL
COMMUNICATION:**

ITEM _____

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

99-112

SYNOPSIS -

AGENDA:

The following traffic regulation changes have been reviewed by staff and are recommended for approval:

MARCH 22, 1999

SUBJECT:

1. Request for Stop Signs-SW 15th Street at Burnham Avenue.
2. Request for Corner Clearance Parking Restriction-East Side of 46th Street North of University Avenue.
3. Request for Corner Clearance Parking Restriction-East Side of 54th Street North and South of Aurora Avenue.
4. Request for Traffic Controls-Thornton Avenue from SW 56th Street to SW 63rd Street.

TRAFFIC
REGULATION
CHANGES

TYPE:

RESOLUTION
ORDINANCE
RECEIVE/FILE

FISCAL IMPACT -

N/A

SUBMITTED BY:

FLOYD BENTZ, P.E.
ACTING CITY
ENGINEER

RECOMMENDATION -

Receive, file, and refer to Legal Department for proper legislation.

BACKGROUND -

1. Staff received a request from the resident at 1415 Burnham Avenue concerned that northbound motorists at the intersection of SW 15th Street and Burnham Avenue are not slowing as they approach this intersection, resulting in them driving into his yard and damaging his fence.

Staff reviewed this resident's request, and recommends that stop signs be placed on SW 15th Street at Burnham Avenue.

The north-south legs of this four-way intersection are offset by approximately 20 feet, creating a "jog" for motorists on SW 15th Street. The installation of a two-way stop will better delineate the right-of-way at this location, and should reduce the incidences where motorists drive into the adjacent yard.

There are currently four other four-legged intersections in the immediate vicinity of the SW 15th and Burnham location. Because one of the streets at each of these locations is not paved, these intersections were not previously considered for stop-sign control. With the placement of stop signs at SW 15th Street and Burnham Avenue, staff also recommends that the remaining four intersections be designated as two-way stops. These remaining locations are SW 15th Street at Amos Avenue and SW 16th Street at Burnham, Johnson, and Amos Avenues. Stop signs should be placed on Burnham Avenue at SW 16th Street; on Johnson Avenue at SW 16th Street; and on Amos Avenue at SW 15th and SW 16th Streets.

At their March 16, 1999 meeting, the Traffic Safety Committee concurred with the placement of these two-way stops. The following changes are necessary in the City Code to designate the through street and require the side streets to stop:

SEC. 27-1207.01. SOUTHWEST FIFTEENTH STREET.

Southwest Fifteenth Street, at Amos - Stop.

SEC. 27-1210. SOUTHWEST SIXTEENTH STREET.

Southwest Sixteenth Street, from the north line of Burnham Avenue to the south line of Amos Avenue - Stop.

SEC. 27-1291.02. BURNHAM

Burnham Avenue, at Southwest Fifteenth Street - Stop.

2. The Traffic and Transportation Division received a request from a resident regarding visibility and turning difficulties due to parked vehicles on 46th Street just north of University Avenue. In order to provide adequate visibility for turning vehicles at this intersection, staff recommends that a 50-foot corner clearance no parking zone be established on the east side of 46th Street north of University Avenue. The following revisions in the Municipal Code are necessary to effect this change.

SEC. 27-1905. FORTY-SIXTH STREET-GRAND AVENUE TO DEAD END NORTH OF BRINKWOOD ROAD.

Forty-sixth Street, on the east side, from University Avenue to a point 50 feet north thereof, no parking any time.

3. The Traffic and Transportation Division received a request from a resident regarding visibility and turning difficulties due to parked vehicles on 54th Street at the intersection of Aurora Avenue. In order to provide adequate visibility for turning vehicles at this intersection, staff recommends that a 50-foot corner clearance no parking zone be established on the east side of 54th Street both north and south of Aurora Avenue. The following revisions to the Municipal Code are necessary to effect this change:

SEC. 27-1917. FIFTY-FOURTH STREET-INGERSOLL AVENUE TO TWANA DRIVE.

Fifty-fourth Street, on the east side, from a point 50 feet south of Aurora Avenue to a point 50 feet north of Aurora Avenue, no parking any time.

4. The developer of Airport Commerce Park has constructed several buildings and several streets in this business park. While the majority of traffic uses previously existing external streets, there is a need to establish traffic regulations for the internal streets. In particular, Thornton Avenue has been constructed from SW 63rd Street (Iowa Highway 28) easterly to relocated SW 56th Street to serve as a major collector street for the business park. Because of its intended role as a collector street, the following traffic regulations are appropriate for Thornton Avenue:

- Through Street - Stop (side streets have stop signs);
- 30 mph speed limit;
- No Parking Any Time, north side (on street light poles); and
- No Parking Any Time Corner Clearances, south side (200 feet east of SW 63rd, 50 feet east and west of SW 61st, and 100 feet west of relocated SW 56th).

At their March 16, 1999 meeting, the Traffic Safety Committee

approved staff's recommendation for traffic regulations on SW Thornton Avenue from SW 63rd Street (Iowa Highway 28) easterly to relocated SW 56th Street, as listed above.

SEC. 27-1420.005. THORNTON AVENUE.

Thornton Avenue from the east curb line of Southwest Sixty-third Street to the west curb line of Relocated Southwest Fifty-sixth Street - Stop.

SEC. 27-828.01. THORNTON AVENUE.

Thornton Avenue, from Southwest Fifty-sixth Street to Southwest Sixty-third Street, 30 miles per hour.

SEC. 27-2633. THORNTON AVENUE-SOUTH UNION STREET TO ~~DEAD END WEST OF SOUTHWEST THIRTY-SEVENTH~~ SIXTY-THIRD STREET.

Thornton Avenue, on the north side, from Southwest Fifty-sixth Street to Southwest Sixty-third Street, no parking any time.

Thornton Avenue, on the south side, from Southwest Fifty-sixth Street to a point 100 feet west thereof, no parking any time.

Thornton Avenue, on the south side, from a point 50 feet east of Southwest Fifty-sixth Street to a point 50 feet west of Southwest Fifty-sixth Street, no parking any time.

Thornton Avenue, on the south side, from Southwest Sixty-third Street to a point 200 feet east thereof, no parking any time.