


# COUNCIL COMMUNICATION

 CITY OF DES MOINES OFFICE OF THE CITY MANAGER	Number:	<b>23-384</b>	Meeting:	<b>August 21, 2023</b>
	Agenda Item:	<b>42</b>	Roll Call:	<b>23-1206</b>
	Submitted by:	<b>Steven L. Naber, P.E., City Engineer</b>		

## AGENDA HEADING:

Amending Chapter 114 of the Municipal Code regarding Traffic Regulation Changes as follows:

- A. Traffic Control Modifications – 21st Street and Carpenter Avenue
- B. Parking Restriction – Hull Avenue between E 40th Court and E 41st Court
- C. Code Correction – Addition of the intersection of 8th Street and Mulberry Street and 9th Street to the section relating to pedestrian safety and use of medians.
- D. Parking Modification - Walnut Street between 13th Street and 15th Street
- E. New Pedestrian Signal – E 17th Street and E University Avenue
- F. Corner Clearance Parking Restrictions –
  1. E 26th Street and Garden Street

## SYNOPSIS:

Recommend approval of the staff recommendation and the ordinance regarding the traffic regulation changes. Costs for sign installations and periodic maintenance of signs.

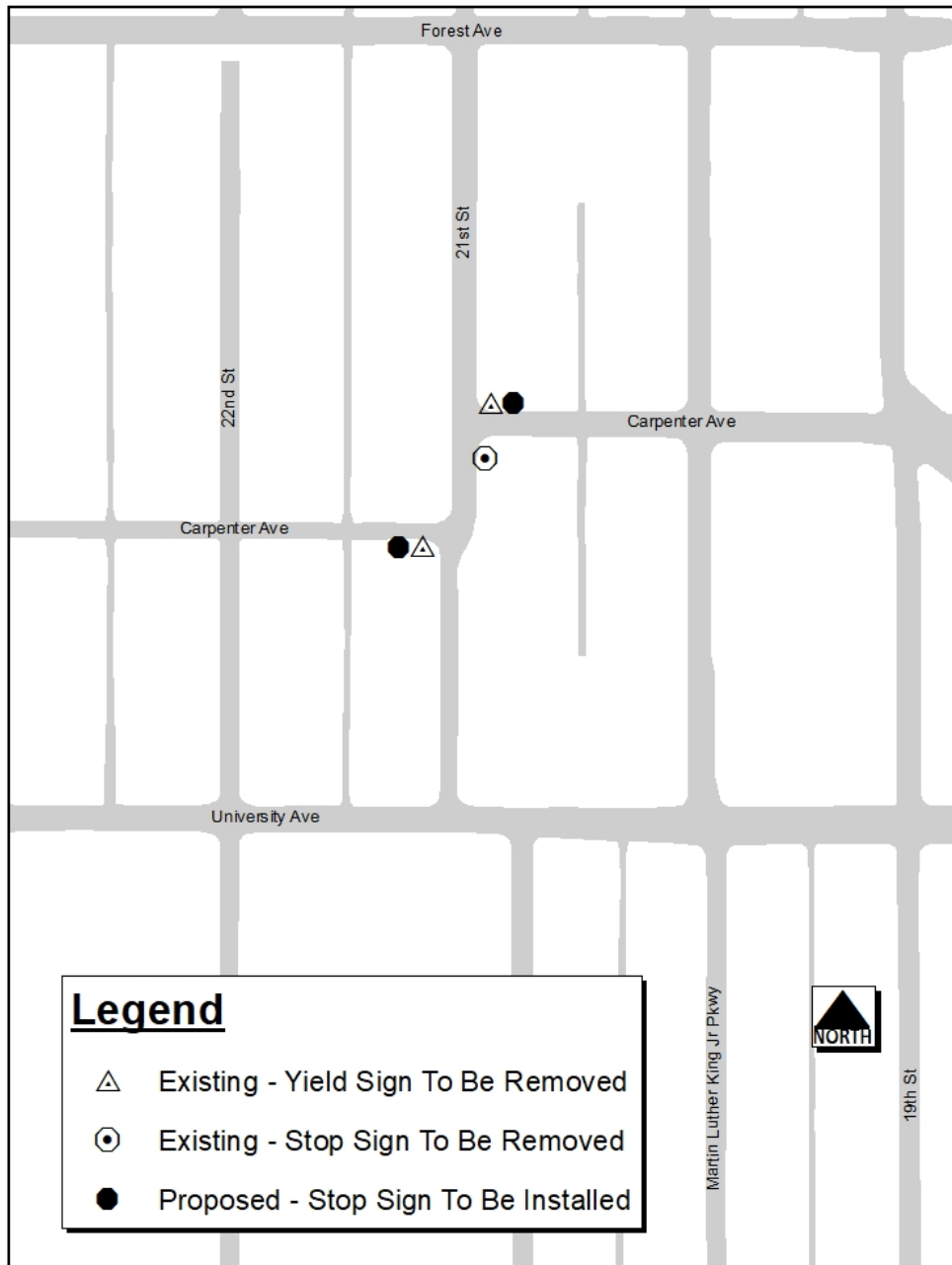
## FISCAL IMPACT:

Amount: Costs for sign installations and periodic maintenance of signs.

Funding Source: 2023-24 Operating Budget, Page 68, Engineering Department T&T – Sign, Painting, Signal and Lighting, EG062080, Road Use Tax Fund

## ADDITIONAL INFORMATION:

- A. A request was received from a resident to review the traffic control of the intersections of 21st Street and Carpenter Avenue. Carpenter Avenue intersects into 21st Street and creates two (2) separate 3-way T-intersections. These intersections are currently yield-controlled on Carpenter Street and stop-controlled for northbound 21st Street traffic at the north T-intersection. After review of these intersections, it is recommended that the traffic control be changed to two-way stop-control with traffic on Carpenter Street required to stop and the existing stop sign for northbound 21st Street traffic at the north T-intersection be removed.



Sec. 114-2055. Twenty-first Street.

~~Twenty first Street, at Carpenter Avenue, stop (eastbound).~~

~~Twenty first Street, at Carpenter Avenue, yield (westbound).~~

Twenty-first Street, at Drake Park Avenue, stop.

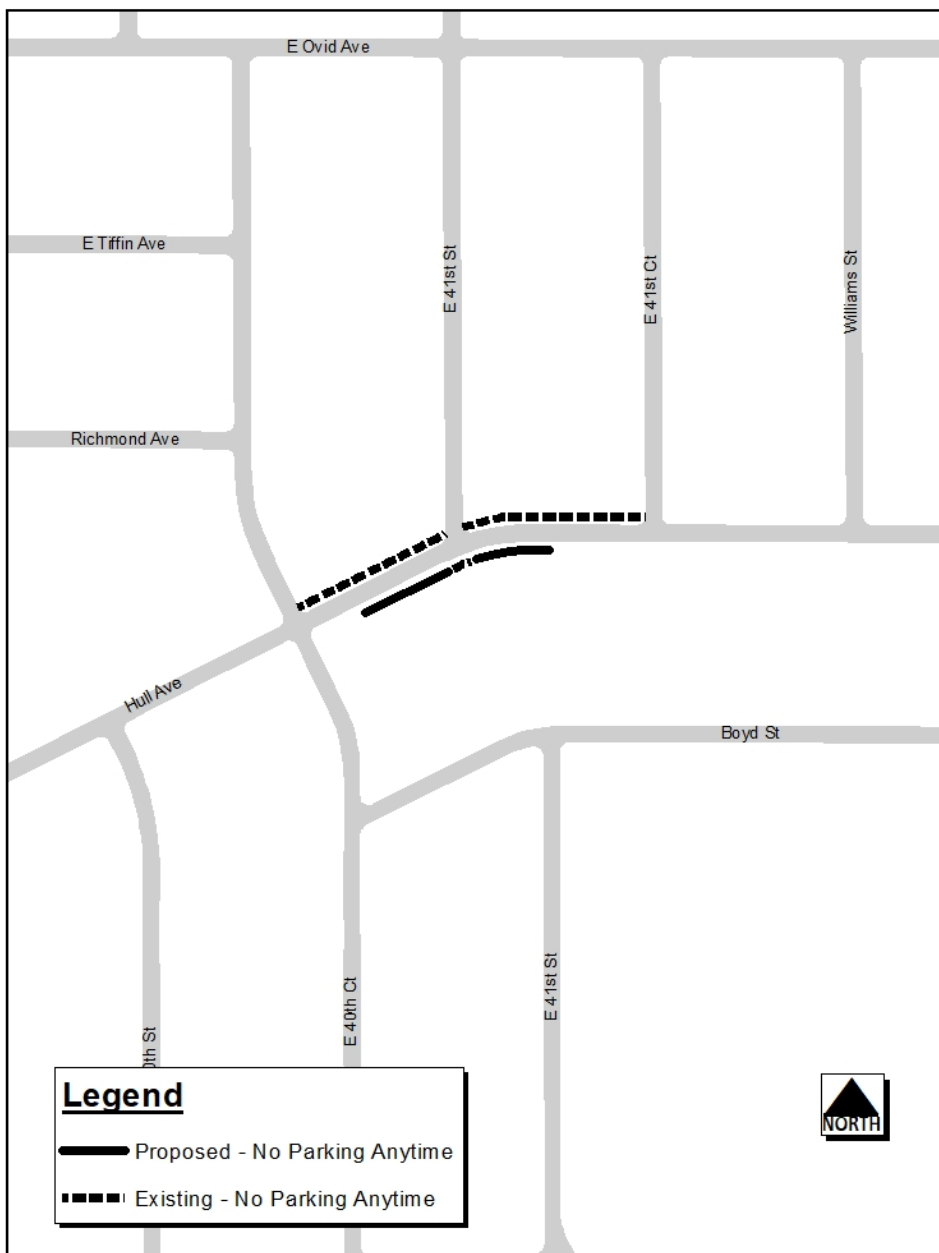
Twenty-first Street, from the north line of University Avenue to the south line of Forest Avenue, stop.

Sec. 114-2159. Carpenter Avenue.

~~Carpenter Avenue, from the west line of Twenty-fourth Street to the west line of Twenty-sixth Street, stop.~~

~~Carpenter Avenue, at Twenty-first Street, yield (northbound).~~

- B. A resident expressed concern about parked vehicles on Hull Avenue between E 40th Court and E 41st Court creating sight distance and maneuverability concerns especially within the curve. Parking is currently prohibited on the north side of Hull Avenue in this section. A field review of Hull Avenue between E 40th Court and E 41st Court was completed by Traffic and Transportation staff. Based on the posted speed limit of 25 mph, street width and sight distance, staff recommend removing parking on the south side of Hull Avenue within the curve. The following revisions to the Municipal Code will place these changes into effect.



Sec. 114-3331. Hull Avenue--East Fourteenth Street to the dead-end east of East Forty-third Court.

Hull Avenue, on the south side, from a point 145 feet west of East Forty-first Street to a point 125 feet east of East Forty-first Street, no parking any time.

- C. During staff review, inconsistencies were found in the intersections listed in the pedestrian safety section of the Municipal Code. The intersections of 8th Street and Mulberry Street and 9th Street and Mulberry Street meet the criteria for prohibiting pedestrians in the median but are not currently listed in the code section. It was also found that the intersections of E Army Post Road at SE Wubbzy Street and E Army Post Road at SE Widget Road include private streets and should not be included in the code. The proposed changes to the Municipal Code will correct these errors. The following revisions to the Municipal Code are necessary to place these changes into effect.

Sec. 114-328.01. Pedestrian Safety, Use of Medians.

(b) For streets with a speed limit of 30 miles per hour or higher, pedestrians are prohibited from standing, sitting, or staying on a median for any purpose other than to cross the street unless the width of the top surface of the median, excluding the curbs is at least 6-feet-wide. This prohibits pedestrians from standing, sitting, or staying on a median at the following intersections in the city:

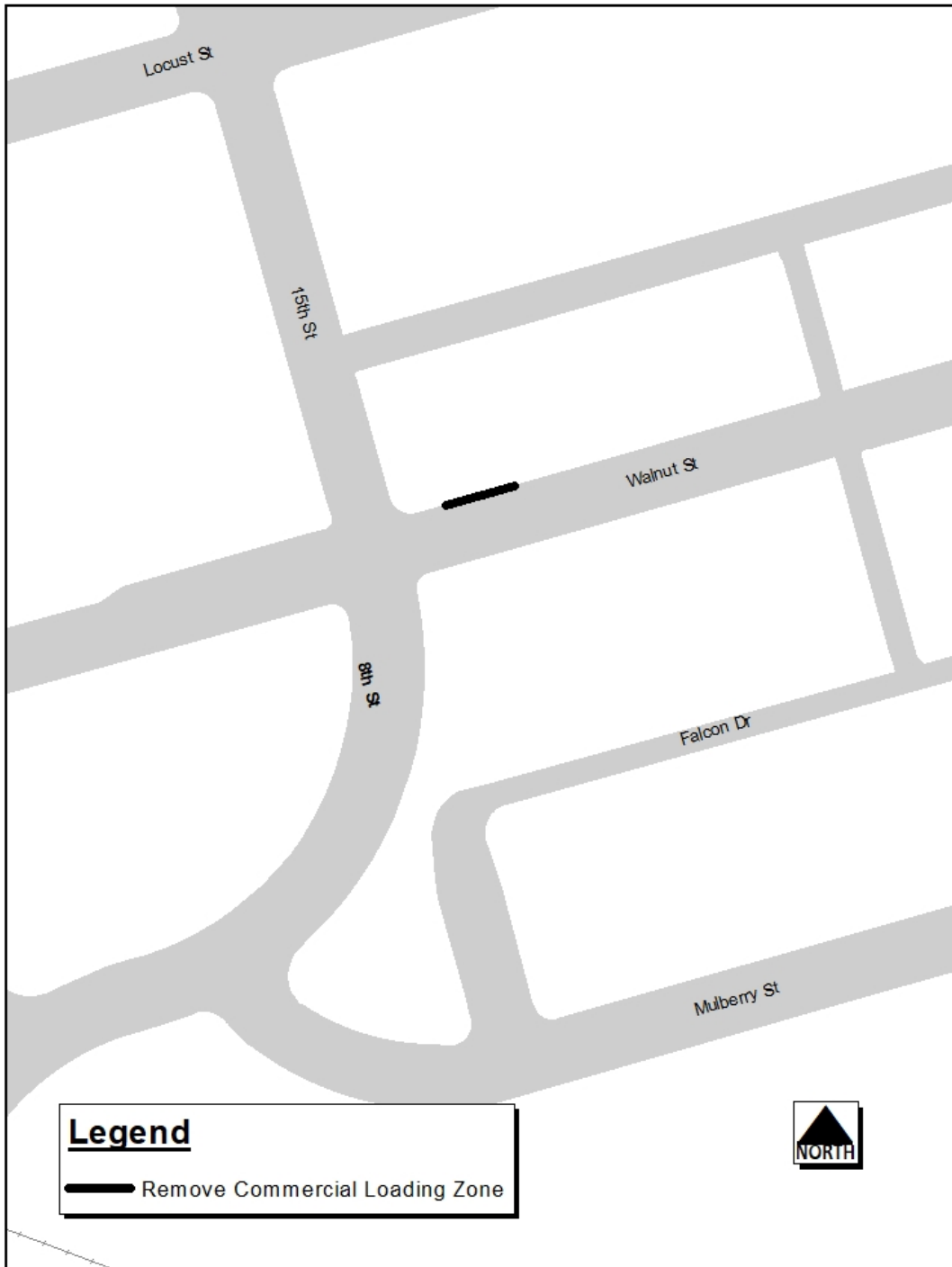
~~E Army Post Rd and Southeast Wubbzy St~~

~~E Army Post Rd and SE Widget Rd~~

Mulberry Street and 8th Street

Mulberry Street and 9th Street

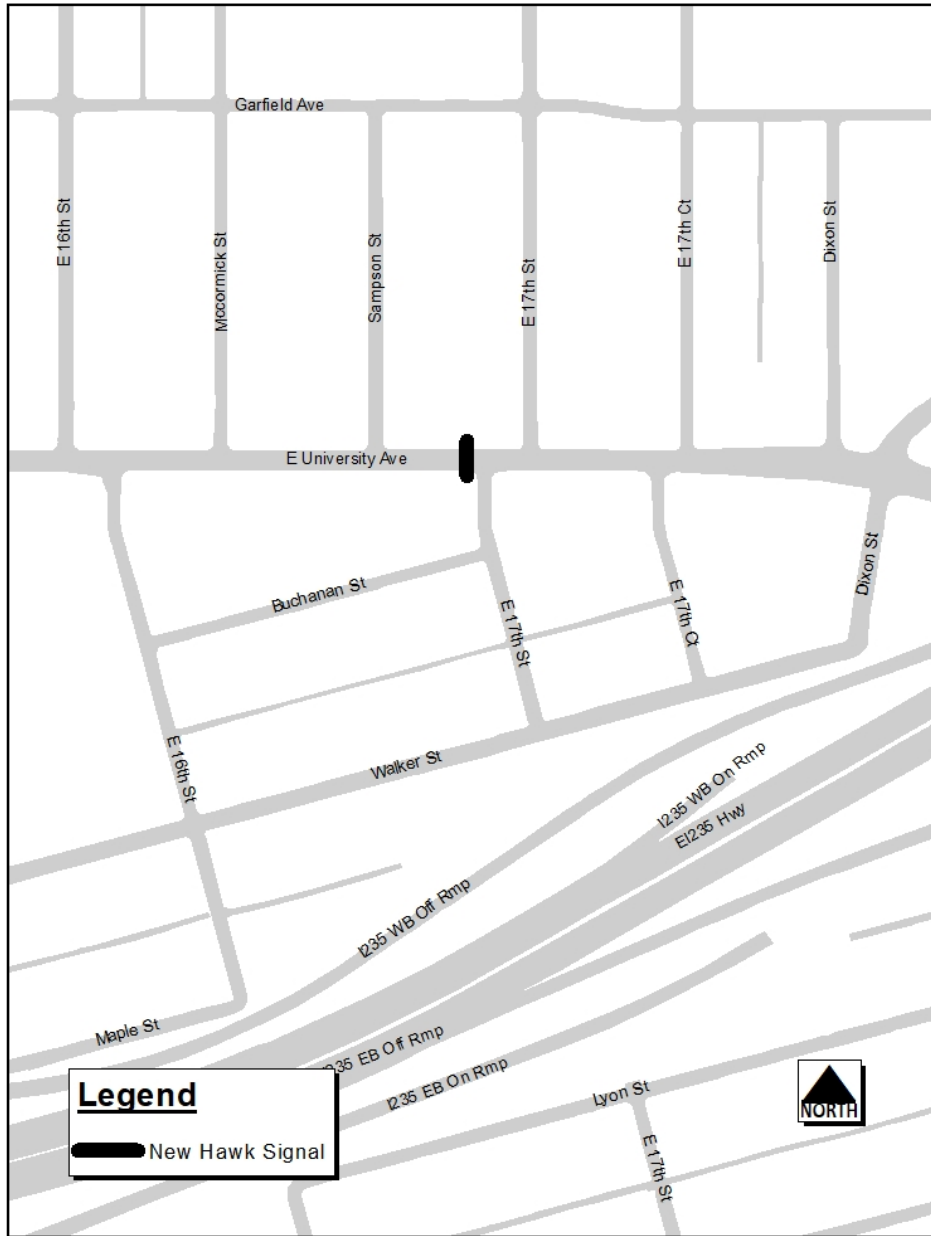
- D. Staff received a request from a business on Walnut Street requesting to re-allocate the commercial loading zone outside of their building at 1433 Walnut to on-street parking. This commercial loading is no longer needed and is rarely used for loading/unloading currently. The following revision to the Municipal Code will place the recommended changes into effect.



Sec. 114-3744. Walnut Street--Thirteenth Street to Fifteenth Street.

~~Walnut Street, on the north side, from a point 55 feet west of Fourteenth Street, to a point 35 feet west thereof, commercial loading zone.~~

- E. In 2022, Council directed staff to install a HAWK signal in the vicinity of the intersection of E 17th Street and E University Avenue. This HAWK signal was installed in early August 2023. The proposed code revision will add this traffic control device to the Municipal Code.



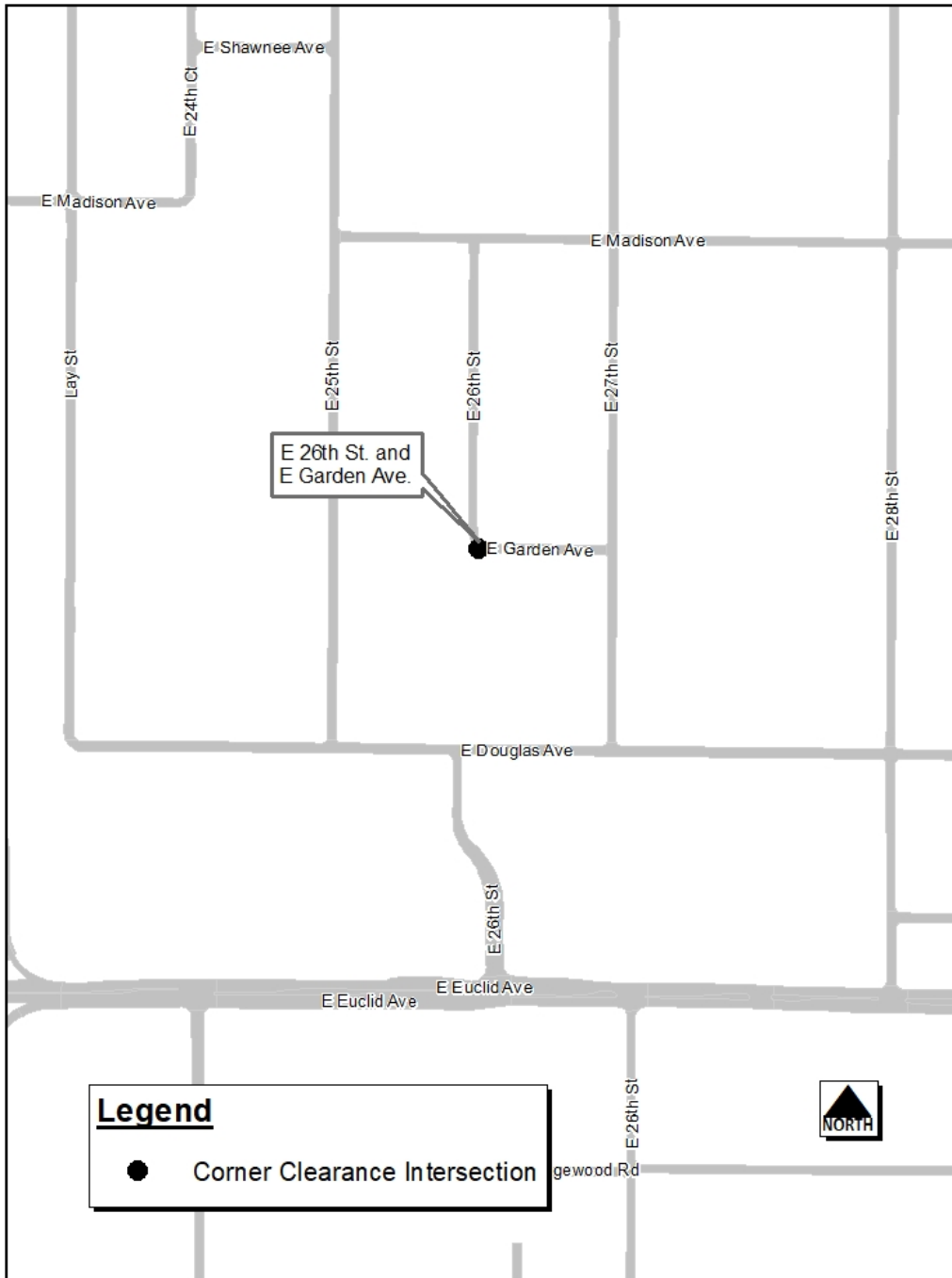
Sec. 114-1547.01. East University Avenue.

East University Avenue, on the north side, at East Seventeenth Street, pedestrian signal.

- F. A corner clearance is a parking restriction that extends 150 feet or less from an intersection. Corner clearances are typically installed to provide required sight distance at the intersection or facilitate turning movements onto narrow, residential streets where a parked vehicle might prevent two-way traffic. A request for a corner clearance is typically generated from resident concerns. Staff has reviewed the following locations and determined corner clearances are necessary.

1. E 26th Street and E Garden Avenue

The following revisions to the Municipal Code will place these changes into effect.



Sec. 114-2837. East Twenty-sixth Street--East Court Avenue to East Madison Avenue.

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

Sec. 114-3222. East Garden Avenue--East Twenty-sixth Street to East Forty-second Street.

East Garden Avenue, on the north side, from East Twenty-sixth Street to a point 95 feet east thereof, no parking any time.

**PREVIOUS COUNCIL ACTION(S): NONE**

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**

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