



Staff Report to Traffic Safety and Parking Committee

DATE: June 7, 2023
TO: Traffic Safety and Parking Committee
FROM: Harry Yip, Senior Civil Engineer
SUBJECT: Item 5B – Florida Ave and Huntington Ave Intersection

BACKGROUND

At the March 2023 TSPC meeting, the committee recommended Staff to study 3 possible enhancements to the Huntington Avenue corridor from North of Florida Avenue to Georgia Avenue including items noted: 1) Crosswalks, pavement marking enhancements, and installation of flexible posts. 2) Review parking with amended wording to restrictions on parking instead of removal. 3) Performing an all-way stop warrant study.

Huntington Avenue in the vicinity of Florida Avenue is classified as a Major Collector roadway and is oriented roughly north-south. Huntington Avenue is 40 feet wide north of Florida Avenue. Huntington Avenue between Florida Avenue and Georgia Avenue varies in width between approximately 55 feet near Florida Avenue to 60 feet near Georgia Avenue. Huntington Avenue is configured with one lane in each direction and parking is allowed on both side of the street. This makes Huntington Ave unusually wide for a 2-lane road with parking. The posted speed limit on Huntington Avenue is 30 miles per hour. Because Huntington is not considered a local street, it would not qualify for the Traffic Calming Program.

Florida Avenue is classified as a local street and is oriented roughly east-west. Florida Avenue is 28 feet wide and parking is allowed on both sides. Florida Avenue is a curved roadway and meets Huntington Avenue at a skewed angle making visibility less than ideal. Florida Avenue is stop controlled whereas Huntington is uncontrolled. The posted speed limit on Florida Avenue is 25 mile per hour.

DISCUSSION

Regarding the 3 items recommended for study, here are the study findings:

1. Crosswalks, pavement marking enhancements and flexible posts.

Staff developed 3 alternative concepts (see attachment 1) to the enhance crosswalks and pavements markings in this corridor. All alternatives include a crosswalk across Florida Avenue and edgeline and centerline extensions for Huntington Avenue across Florida Avenue. This would create clearer delineation of the travel ways of traffic through the

intersection. The crosswalk would have flexible posts creating a bulbout for the crosswalk on the southwest corner of the intersection.

Alternative 1 would create a 13 feet wide two-way left turn lane in the middle of Huntington Avenue and two 11 feet wide through lanes in each direction and a 6 feet wide bicycle lane in the southbound direction.

Alternative 2 would be similar to Alternative 1 except the two-way left turn lane would be a striped median instead.

Alternative 3 would create a two 11 feet wide through lanes, a narrower 7 feet wide striped median and an 11 feet wide auxiliary lane on the southbound direction.

2. Review Parking Restrictions, preferably restricting vehicle height.

A review of the site showed existing 16-feet of red curb for a fire hydrant just north of the curb ramp. California Vehicle Code 22514 does not allow for parking vehicles within 15 feet of a fire hydrant unless reduced by city ordinance or resolution. No such resolution was found in the City's records. The current red curb is only painted 8 feet north of the hydrant. The additional 7 feet of parking restriction would not result in a loss of a parking space while meeting the vehicle code requirement and California Manual of Traffic Control Devices 3B.19 recommendations.



3. All-way Stop Warrant Study for Florida Avenue and Huntington Avenue

An all-way stop warrant study was completed for Florida Avenue and Huntington Avenue and was found not to meet warrants. None of the volumes met warrants, nor did the other factors meet warrants. See Attachment 3 for additional details.

STAFF RECOMMENDATION:

Staff recommends implementing Alternative 1 for crosswalk, pavement marking enhancements and installing flexible posts, and extending the current fire hydrant red curb to the full 15 feet from the fire hydrant.

DATE PREPARED:

June 2, 2023

ATTACHMENTS:

1. Crosswalk and Pavement Marking Enhancement Alternatives
2. Existing Fire Hydrant Parking Restrictions
3. Stop Warrant Analysis for Huntington Florida.