



Administrative Report

H.16., File # 21-2955

Meeting Date: 9/7/2021

To: MAYOR AND CITY COUNCIL
From: TED SEMAAN, PUBLIC WORKS DIRECTOR

TITLE

APPROVE INSTALLATION OF ALL-WAY STOP CONTROLS AT THE INTERSECTION OF HERONDO STREET AND MONTEREY BOULEVARD

EXECUTIVE SUMMARY

In response to a referral from Mayor Brand and the City Council following the Fiscal Year 2021-2022 Budget Discussions, as well as requests from Hermosa Beach residents & staff, City of Redondo Beach staff have performed an analysis of all-way stop controls at the intersection of Herondo Street and Monterey Boulevard. This intersection is shared jurisdictionally between the Cities of Hermosa Beach and Redondo Beach.

The installation of all-way stop controls at the aforementioned intersection was presented to the Public Works Commission at its August 23, 2021 meeting. During the meeting, the Commission deliberated and subsequently voted unanimously (7-0) to forward their recommendation to install all-way stop controls at the intersection of Herondo Street and Monterey Boulevard for City Council consideration.

BACKGROUND

Following requests from our Mayor and Council and the residents & staff of Hermosa Beach, the City of Redondo Beach staff initiated an all-way stop analysis at the intersection of Herondo Street and Monterey Boulevard. Staff proceeded to collect data, perform field observations, obtain measurements, and review pertinent information related to the warrant criteria as laid out in the California MUTCD.

Vehicle, bicycle and pedestrian volume data were obtained at this intersection during the morning peak period (7:00-9:00 a.m.) on August 11, 2021 and during the afternoon peak period (4:00-6:00 p.m.) on August 10, 2021. With respect to the volume criteria, both AM and PM peak hour volumes on Monterey Boulevard are well below the criteria to meet the minimum threshold required for installation.

A review of the available SWITRS accident data at this intersection during the previous five-year period, ending 12/31/2020, revealed one reported accident on 6/7/2020. The single reported accident was a broadside collision. Similar to the volume data, the single reported collision does not satisfy the warrant criteria required for the installation of all-way stop controls, however, there can be

consideration for an all-way stop control as it may assist in reducing broadside type collisions.

Based on the above information, the collision and volume warrants are not satisfied and do not support all-way stop control installation. With regard to the additional criteria allowed for consideration in the CA MUTCD, the field data suggests that limited visibility may be applicable. Visibility, when measured from the limit line on Monterey Boulevard, is sometimes reduced due to parked cars and other physical restraints. Installation of all-way stop controls is one mechanism that can be utilized to address line of sight constraints. Additional information can be found within the Administrative Report to the Public Works Commission contained within Attachment 1.

Staff's findings were presented to the Public Works Commission on August 23, 2021. Following review of the staff report and presentation, the Commission voted unanimously (7-0) to recommend the all-way stop control installation at the intersection of Herondo Street and Monterey Boulevard for the Council's consideration. An illustration of the proposed modifications can be found in Attachment 2.

COORDINATION

Staff has been continually coordinating efforts with the City of Hermosa Beach Public Works staff. City of Hermosa Beach staff intends to present the recommendations of the Redondo Beach Public Works Commission and tonight's City Council decision to their Public Works Commission on September 15, 2021 and subsequently to their City Council. Staff will continue to collaborate and coordinate with City of Hermosa Beach staff as appropriate to the point of installation, if that's Council's direction.

FISCAL IMPACT

The cost to install the proposed all-way stop intersection will be approximately \$5,000. This includes costs to install STOP signs and associated appurtenances and, removal and reinstallation of pavement markings and limit lines. For the work within the City of Hermosa Beach, minimal work is anticipated as staff will be replacing an existing pedestrian crossing sign and arrow sign on an existing street light, with no ground penetrations expected. Since the work and associated costs are minimal, sharing of costs is not expected.

APPROVED BY:

Joe Hoefgen, City Manager

ATTACHMENTS

- Public Works Commission August 23, 2021 Administrative Report and Presentation
- Herondo Street and Monterey Boulevard All-way Stop Illustration