

AGENDA REPORT

Traffic & Public Safety Commission

MEETING DATE: November 12, 2020

PREPARED BY: Abraham Bandegan

DEPARTMENT DIRECTOR: Lillian Doherty

DEPARTMENT: Development Services

CITY MANAGER: Pamela Antil

SUBJECT:

Striping Modification at the Intersection of Eolus Avenue, Hillcrest Drive and Andrew Avenue

RECOMMENDED ACTION:

Please provide input to staff on an alternate solution for the approved All-Way Stop Control at this intersection

BACKGROUND:

The City has received several requests from the residents to evaluate the safety and mobility at the intersection of Eolus Ave, Hillcrest Dr and Andrew Ave.

Staff conducted evaluations per CA-MUTCD guidelines, and the intersection met the warrants recommended by MUTCD to be converted to an All-Way Stop Control (AWSC) Intersection. Traffic and Public Safety Commission approved the AWSC in May and the City Council approved the AWSC after.

When staff began programming the installation, a group of residents asked staff and City Council to evaluate alternate options to minimize the impact on the residences immediately adjacent to the intersection. The City Council directed staff to provide feasible alternative options.

ANALYSIS:

Staff met with the residents several times and have come up with some alternatives that can improve and enhance safety and mobility at this intersection. One of the options is to realign the legs of the intersection and form a 90-degree angled "T" intersection that clarifies the fact that Andrew Ave and Eolus Ave are the continuation of each other and Hillcrest is the intersecting roadway. A Yield line accompanied by proper signage can clarify the ROW at the intersection for different approaches and the new striping modification can resolve the sight distance issue at the intersection. The proposed design is shown in attachment 1.

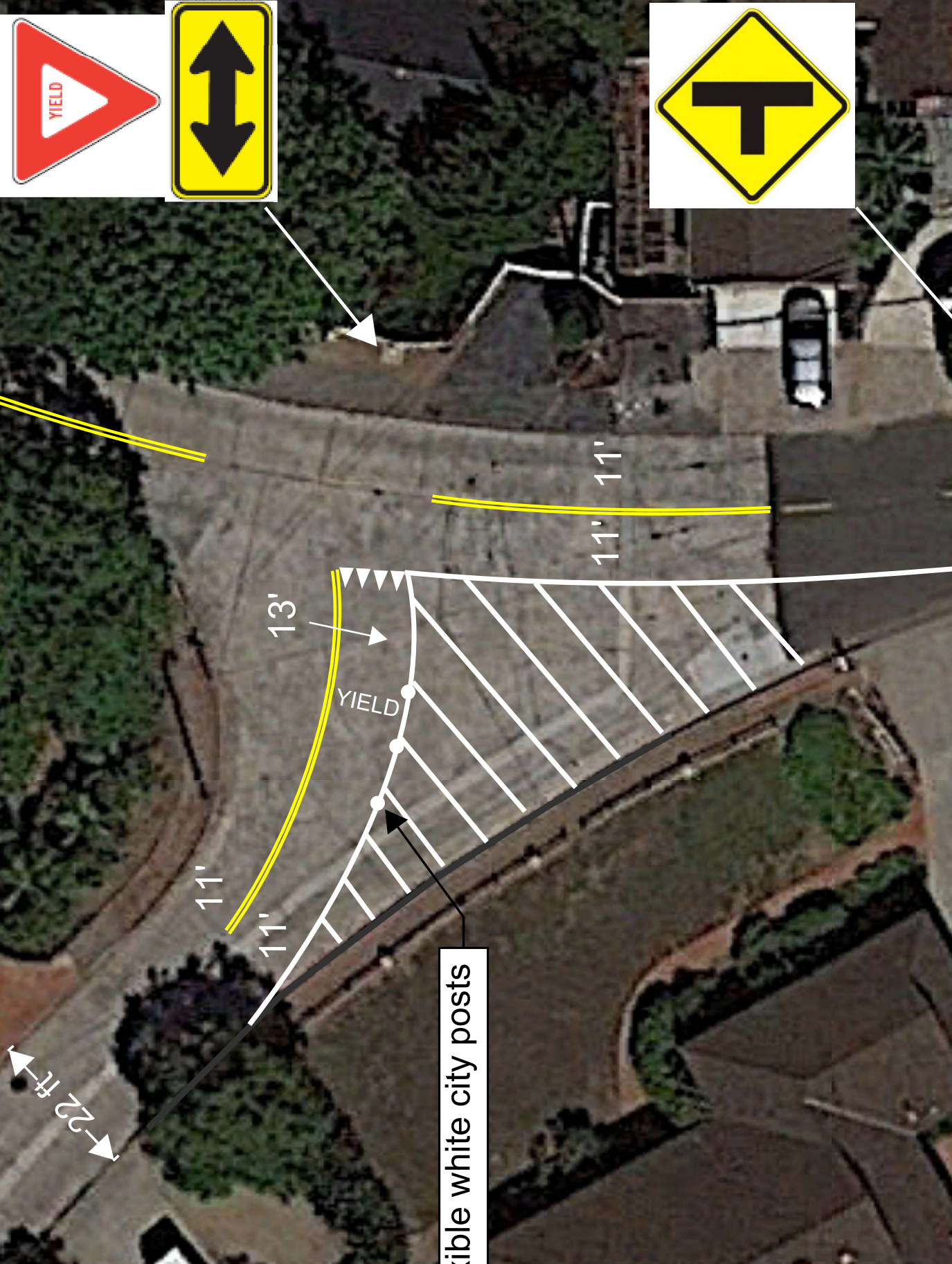
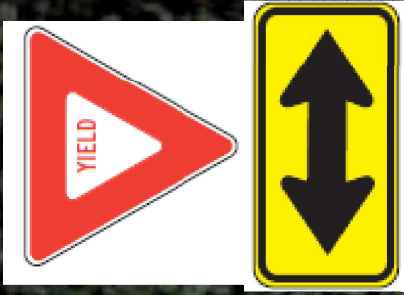
Before reaching out to the residents on the alternate option, staff asks Traffic and Public Safety Commission to provide input on this alternate scenario. If supported by TPSC and by residents, this alternate scenario will go back to the City Council for approval, replacing the AWSC that was previously approved by the City Council.

ENVIRONMENTAL CONSIDERATIONS:

The proposed intersection improvements are considered a minor alteration as is exempt from provisions of California Environmental Quality Act (CEQA)

ATTACHMENTS:

1 – Striping modification at the intersection of Eolus Ave, Hillcrest Dr and Andrew Ave.



Traffic and Public Safety Commission's Follow-Up Log

Item #	Request Date	Originated By:	Request	Project Details	Notes/Status	Scheduled Date
10	2/11/2019	T&PSC/Residents	Evaluation of Vulcan/La Costa intersection	Signal Warrant Analysis, Safety Analysis/Signal Design	Circulation Element Update of the General Plan will affect the results	November 2020
18	12/9/2019	T&PSC	Vulcan Ave re-classification	To evaluate feasibility of re-classifying Vulcan Ave as a residential street		December 2020
22	5/11/2020	T&PSC	Speed Survey for Pireaus Ave	Conducting Engineering and Traffic Survey	New striping and lane narrowing is implemented Staff to conduct a survey to check the possibility of lowering speed limit	TBD
27	8/10/2020	T&PSC	Eliminate the 45 and 55 mph speed limits in the City	To evaluate current high speed limits in the city and check options to lower them		December 2020
28	9/15/2020	T&PSC	Evaluate the intersection of Sheridan and La Costa	To eliminate encroachments into W/B bike lane by W/B vehicles		November 2020
29	9/15/2020	T&PSC	Enforcement Report from Sheriff's office	To request a report on speed enforcement in Encinitas		December 2020
30	9/15/2020	T&PSC	Evaluate the possibility of adding pavement legeneds	To implement pavement legends for speed limits citywide		TBD
30	9/15/2020	Public	Evaluate new crosswalks on San Elijo	To evaluate the feasibility of adding RRFBs and new crosswalks		TBD