



7800 Katella Avenue
Stanton, CA 90680



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Date:

December 18, 2024

Kia Mortazavi

*Executive Director,
Planning*

**Orange County
Transportation
Authority**

550 South Main Street
Orange, CA 92863-1584

**RE: Master Plan of Arterial Highways (MPAH) Amendment Request –
Orangewood Avenue between Santa Rosalia Street and City Limits**

To Mortazavi,

The City of Stanton is requesting an amendment of the MPAH for Orangewood Avenue between Santa Rosalia Street and City Limits to change the segment from Secondary Arterial to Collector Arterial. This designation would alter large segments of the existing roadway configuration from 4 travel lanes reduce to 2 travel lanes.

The segment of Orangewood Avenue between Santa Rosalia Street and City Limits is currently a 4 lane (two lanes each direction) collector roadway. In the Orange County MPAH, this segment is identified as a four-lane (two lanes each direction) Secondary arterial roadway.

The current configuration of Orangewood Avenue between Santa Rosalia Street and City Limits includes a 64-foot-wide street with two travel lanes in each direction. After analysis and community engagement, the City is proposing to implement roadway features that include 9000 linear feet of Class II Bicycle Lanes on Orangewood Avenue.

The implementation will address concerns along the existing roadway, such as speeding, wrong way riding of bicycles, and conflicts between bicyclists and pedestrians on sidewalks. It is also intended to improve safety and connectivity, increase rates of bicycling and walking, improve safety outcomes on the corridors. The project will also enhance bicycling facilities and provide additional opportunities for low stress and multimodal travel within the City.

A Class II bikeway will be added to the existing roadway. The proposed roadway configuration will consists of the following:

- One travel lane in each direction
- Class II bicycle lanes in each direction
- On-street parking



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The project will also include the installation of bulb-outs, upgrades for ADA compliant curb ramps, parkways and landscaping, installation of high visibility roadway markings such as continental crosswalks and bicycle markings, signage upgrades, street lighting upgrades, traffic signal modifications, replacement of sidewalks, curb & gutters, and cross gutters, and a complete grind & overlay of both street segments, providing significant benefits including improved safety for all roadway users and enhanced quality of life.

The average daily traffic volumes on this segment of Orangewood Avenue range from 2,600 to 11,800 vehicles per day based on traffic counts collected in September 2023.

The City's traffic model forecasts the buildout volumes to be between 6,300 and 6,800 for the two-lane arterial configuration with the I-405 Vehicular overcrossing. Per the Orange County Highway Design Manual, the MPAH roadway capacity values indicate the MPAH amendment can still maintain favorable performance conditions. Therefore, the proposed MPAH amendment can support existing and forecast traffic volumes per adopted performance criteria.

There is also an existing Class II bicycle facility along Orangewood Avenue, east of the City Limits, and this amendment would help improve connectivity and consistency between jurisdictions.

Thank you for your consideration regarding this request. If you have any questions, please feel

free to contact Elias Garcia, Assistant City Engineer at 714-890-4237 or EGarcia@StantonCA.gov.

Sincerely,

Cesar Rangel, P.E.

Public Works Director / City Engineer