

CITY OF TEMECULA
AGENDA REPORT

TO: City Manager/City Council

FROM: Ron Moreno, Director of Public Works

DATE: August 26, 2025

SUBJECT: Accept Traffic Signal Selection Criteria for Future Traffic Signals (At the Request of Subcommittee Members Kalfus and Schwank)

PREPARED BY: Nick Minicilli, Principal Civil Engineer
Erick Escobedo, Associate Civil Engineer

RECOMMENDATION: That the City Council approve recommendations by the Traffic Signal Prioritization Ad Hoc Subcommittee related to the acceptance of traffic signal selection criteria for future traffic signals.

BACKGROUND: On September 24, 2024, the City Council approved the formation of an Ad Hoc Subcommittee, appointing Mayor Kalfus and Councilman Schwank to lead the development of selection criteria for future traffic signal locations. The Ad Hoc Subcommittee was tasked with establishing prioritization selection criteria and reviewing the existing Traffic Signal Prioritization List. Meetings with staff from the Public Works and City Manager departments were held on November 12, 2024, January 29, 2025, and April 8, 2025.

During these meetings, the Subcommittee and staff discussed strategies, policies, and action plans related to traffic signal prioritization. It was agreed that selection criteria should be developed to guide the evaluation of intersections and assess whether additional locations qualify for future signal consideration. After review, the Subcommittee concluded that no changes were needed to the current prioritization list; however, the newly developed criteria should be used to evaluate future traffic signal requests.

Traffic Signal Selection Criteria: City staff created and presented a set of traffic signal selection criteria grounded in both quantitative and qualitative engineering factors. These criteria are designed to assist in evaluating and ranking intersections for potential traffic signal installations. Intersections meeting the minimum thresholds may be added to the City's Traffic Signal Prioritization List. While placement on the list does not guarantee installation, as final approval still depends on meeting CAMUTCD traffic signal warrant requirements and City Council approval, it enables more effective planning and priority installation of the City's traffic signal network. After detailed review and discussion, the Ad Hoc Subcommittee approved the proposed

traffic signal selection criteria as seen in Attachment 1.

If the City Council approves the Ad Hoc Subcommittee's recommendations and accepts the proposed selection criteria, staff will apply these criteria to evaluate all future traffic signal requests.

FISCAL IMPACT: None

ATTACHMENT: Traffic Signal Selection Criteria