

WISTERIA OPERATIONAL TRAFFIC IMPROVEMENTS

1. Upgrade the traffic sensors for the signal at Scripps Ranch Boulevard and Erma Drive. This signal is currently on an optical camera which malfunctions several times a year.

Response: Video Detection is only used for the private driveway on the east leg. City staff are unable to install standard loops in this driveway, as there is enhanced pavement used. Standard loops would require saw cutting this enhanced pavement. The Streets Division is planning on replacing the current video equipment with a more "reliable brand" of equipment. This is deemed the best solution as the existing equipment needs constant repairs.

2. Remove the road dip on Scripps Ranch Boulevard at Affinity Court. The horizontal and vertical alignment of this intersection needs to be re-graded.

Response: The proposed project does not have traffic impacts at this location and, therefore, the requested improvement has no nexus to the development project. The Scripps Ranch Public Facilities Financing Plan is currently in the process of being updated and this issue has been forwarded to Planning Department staff for consideration.

3. Install a V-Calming sign just northeast of Affinity Court along Scripps Ranch Boulevard (west/southbound), and/or install a traffic signal warning light just northeast of Affinity Court along Scripps Ranch Boulevard (west/southbound).

Response: City staff has marked a location for either device 175 feet northeast of Affinity Court. Staff's recommendation is that one device be selected, as both devices are not needed. The proposed project does not have traffic impacts at this location and, therefore, the requested improvement has no nexus to the development project. The Scripps Ranch Public Facilities Financing Plan is currently in the process of being updated and this issue has been forwarded to Planning Department staff for consideration.

4. Install a traffic signal at the intersection of Scripps Ranch Boulevard and Affinity Court.

Response: The proposed project does not have traffic impacts at this location and, therefore, the requested improvement has no nexus to the development project. The Scripps Ranch Public Facilities Financing Plan is currently in the process of being updated and this issue has been forwarded to Planning Department staff for consideration.

5. Prohibit right turns on red from Erma Road to Scripps Ranch Boulevard. Minimum would be to restrict this traffic movement during AM peak hours (6 am to 9 am).

Response: City staff does not recommend the installation of this prohibition. There are no constraints to visibility and no record of collisions that would warrant this installation.

6. Prohibit U-turns on Mira Mesa Boulevard at Scripps Ranch Boulevard. Minimum would be to restrict this traffic movement during AM peak hours (6 am to 9 am).

Response: City staff cannot recommend prohibiting U turns at this intersection. Staff's review of collision records from year 2000 to the present found no reported collisions associated with U turns. The existing pavement width provides adequate space for U turns. Also the businesses on either side of Mira Mesa Boulevard need this U turn for their customers.

7. Increase the timing cycle for Scripps Ranch Boulevard southbound traffic at Mira Mesa Boulevard. Minimum would be to extent this cycle during AM peak hours (6 am to 9 am).

Response: The existing traffic conditions were observed during the peak AM period. It was noted that all the southbound right turning traffic waiting during a red interval was able to make it through on the ensuing green interval. This signal is in free (non-coordinated) operation throughout the day so responds to traffic at and approaching the signal. All movements at this intersection have the proper vehicle detection, which is currently in good working condition. The current signal timing is adequate for existing conditions. City staff can re-examine this location for any timing changes if there is a significant increase in traffic volumes in the future.

8. Provide a right-turn arrow and timing cycle for southbound traffic at Scripps Ranch Boulevard at Mira Mesa Boulevard. Minimum would be to must this arrow indicator during AM peak hours (6 am to 9 am).

Response: A right-turn arrow (right-turn overlap) will require the prohibition of U-turns for eastbound Mira Mesa Boulevard. Although current traffic volumes may warrant a southbound to westbound right-turn overlap, City staff does not recommend it's installation due to the required eastbound U-turn prohibition. Access to the businesses along Mira Mesa Boulevard east of I-15 requires this U-turn movement, and a U-turn prohibition would create lengthy "out-of-direction" travel instead.

9. Interconnect the traffic signals at Scripps Ranch Boulevard at Erma Drive and Mira Mesa Boulevard. (Include Affinity Court if a signal is added at that location)

Response: All of the signals along Scripps Ranch Boulevard between Spencerport/ Farmingdale and Carrol Canyon Road are currently interconnected. This would include the requested segment between Erma Drive and Mira Mesa Boulevard.

10. Install a raised landscaped median north of Mira Mesa Boulevard to Erma Road.

Response: The proposed project does not have traffic impacts at this location and, therefore, the requested improvement has no nexus to the development project. The Scripps Ranch Public Facilities Financing Plan is currently in the process of being updated and this issue has been forwarded to Planning Department staff for consideration.