

PUBLIC TRAFFIC/SAFETY COMMISSION AGENDA REPORT

TO: Public/Traffic Safety Commission

FROM: Patrick Thomas, Director of Public Works/City Engineer

DATE: October 22, 2020

SUBJECT Highway Safety Improvement Program (HSIP) Cycle 10 Grant

PREPARED BY: Ali Shahzad, Senior Traffic Engineer

RECOMMENDATION: That the Public/Traffic Safety Commission receive and file the report of the Highway Safety Improvement Program (HSIP) Cycle 10 Grant.

BACKGROUND: In August 2020 the City decided to seek the HSIP Cycle 10 grant funding for the implementation of two (2) projects:

1. Upgrade Pedestrian Signal Indications that is, the Accessible Pedestrian Push Buttons, & Countdown Pedestrian Heads as well as the Traffic Signal Controllers for approximately \$911,700.
2. Roundabout at the intersection of Ynez Road/De Portola Road and Jedediah Smith Road for approximately \$461,000.

In August 2020, staff solicited STC Traffic, Inc. for professional engineering services to prepare the two grant applications for the project for \$8,500. Note the Countdown Ped Heads, APS Push Button & Controllers application is included as part of the City of Temecula Local Roadway Safety Plan at no cost. The grant application includes some collision analysis and countermeasures for the concept design and preliminary costs of technical requirements, estimates for processing and preparation of the project PS&E, environmental documents, project schedule and project construction estimates. The package will be submitted by STC Traffic, Inc. who will incorporate comments and finalize the applications for submittal to Caltrans DLAE by the extended November 2, 2020 due date. The package is also being peer reviewed by Blais and Associates, the grant consultant for Western Riverside Council of Governments (WRCOG). HSIP projects typically require a 10% City match as seed money to get the project application federally funded for the 90% engineering, construction project management and construction costs.

The upgrade of pedestrian signal indications and traffic signal controllers includes installation of countdown pedestrian indications and ADA compliant audible pedestrian push buttons at fifty-five (55) intersections along with conversion of traffic signal controllers from Type 170 to Type 2070 intersections.

STC Traffic, Inc. will prepare HSIP grant applications for the APS Ped Push Buttons, Countdown Pedestrian Heads and Controllers for the following 55 locations:

1. Butterfield Stage Road and La Serena Way
2. Butterfield Stage Road and Pauba Road
3. Butterfield Stage Road and Royal Crest Place
4. Butterfield Stage Road and Welton Way/Channel Street
5. Date Street and Kingwood Road
6. De Portola Road and Campanula Way East
7. Deer Hollow Road and Peach Tree Lane/Via La Colorada
8. Jefferson Avenue and Sanborn Avenue
9. Margarita Road and Abbott Vascular Drive/Solana Ridge
10. Margarita Road and Avenida Barca
11. Margarita Road and Date Street
12. Margarita Road and Harveston Way
13. Margarita Road and La Serena Way
14. Margarita Road and Moraga Road
15. Margarita Road and North General Kearny Road
16. Margarita Road and Overland Drive
17. Margarita Road and Pauba Road
18. Margarita Road and Pio Pico Road
19. Margarita Road and Rustic Glen Drive/Harveston School Road
20. Margarita Road and Stonewood Drive
21. Meadows Parkway and Leena Way
22. Meadows Parkway and De Portola Road
23. Meadows Parkway and Campanula Way
24. La Serena Way and Meadows Parkway
25. Meadows Parkway and McCabe Drive/Sunny Meadows Drive
26. Meadows Parkway and Pauba Road
27. Rancho Vista Road and Meadows Parkway
28. Nicolas Road and North General Kearny Road
29. Nicolas Road and Rancho Temecula Town Center
30. North General Kearny Road and Camino Campos Verdes
31. Overland Drive and Promenade Way/Nicole Lane
32. Pauba Road and Via Rami/Linfield School
33. Pechanga Parkway and Deer Hollow Road
34. Pechanga Parkway and Loma Linda Road
35. Pechanga Parkway and Muirfield Drive
36. Pechanga Parkway and Pechanga Resort Drive/Mini Mart
37. Pechanga Parkway and Wolf Creek Drive North
38. Pechanga Parkway and Wolf Creek Drive South
39. Pechanga Parkway and Wolf Valley Road/Via Eduardo
40. Ring Road and Promenade Mall North
41. Ring Road and Promenade Mall West
42. Ring Road and Promenade Mall South
43. Rancho Vista Road and Mira Loma Drive
44. Redhawk Parkway and Wolf Valley Road
45. Vail Ranch Parkway and Tehachapi Pass

46. Winchester Road and Willows Road/Winchester Creek Road (Caltrans)
47. Wolf Valley Road and Wolf Creek Drive North/Wolf Creek Drive South
48. Ynez Road and County Center Drive
49. Ynez Road and Date Street
50. Ynez Road and DLR Drive/Ynez Court
51. Ynez Road and Motor Car Parkway
52. Ynez Road and Overland Drive
53. Ynez Road and Palm Plaza North/Promenade Mall North
54. Ynez Road and Palm Plaza South/Promenade Mall South
55. Ynez Road and Solana Way

The roundabout improvement the City is applying for approximately \$461,000 in grant funds for implementation of the project. The total project cost will likely exceed the grant amount which will require City or developer match for the remaining cost of the project.

Staff will provide the results of the grant when available, at a future meeting. The public has been notified of the Public/Traffic Safety Commission's consideration of this issue through the agenda notification process.

FISCAL IMPACT: Funds for the design and construction of the two projects are identified in the City's Capital Improvement Program for Fiscal Years 2020-2025.

ATTACHMENTS: Project Location Maps