



CITY of CALABASAS
CITY COUNCIL AGENDA REPORT

DATE: JULY 21, 2022

TO: HONORABLE MAYOR AND COUNCILMEMBERS

FROM: ROBERT YALDA, PE, TE, PUBLIC WORKS DIRECTOR/CITY ENGINEER
TOM MERICLE, CONTRACT TRAFFIC ENGINEERING SERVICES

SUBJECT: APPROVE THE LOCAL ROADWAY SAFETY PLAN

MEETING
DATE: AUGUST 10, 2022

SUMMARY RECOMMENDATION:

Staff recommends the following:

1. Approve the Local Roadway Safety Plan.
2. Direct staff to seek out and prepare traffic safety grant funding applications such as the California Department of Transportation administered Highway Safety Improvement Program (HSIP) and Active Transportation Program (ATP) programs and the recently adopted US Department of Transportation Safe Streets and Roads for All grant program to help implement the plan recommendations.

BACKGROUND:

The City received grant funds to prepare a Local Roadway Safety Plan (LRSP). This plan focuses on identifying areas of safety concern and developing recommendation to improve traffic safety using solutions from the development of an engineering, education, enforcement, and emergency services toolbox. The preparation of the LRSP included two meetings with the Traffic and Transportatoin Commission including a public workshop. These meetings were opportunities for the Commission

and the public to provide input on safety concerns, review the traffic safety data analysis, and discuss proposed recommendations.

The project team has completed the Final LRSP and the results and recommendations are being provided to City Council. The LRSP will be used as framework for developing and prioritizing safety projects and programs in the City. One key element of the plan is providing data to support future safety grant applications to help the City fund these safety projects and programs.

DISCUSSION/ANALYSIS:

The City worked with KOA Corporation on the analysis and preparation of the LRSP. The initial work effort included the following:

- State of the System Review
- Crash History assessment and Roadway Data Analysis

Crash Analysis

The general crash patterns identified were categorized and reviewed to determine systemic patterns. A total of 797 crashes were recorded from 2015 to 2020. The following summarizes the crash patterns relative to this data:

- Most common crash types were rear end, sideswipe, and broadside.
- Unsafe speed- related crashes accounted for approximately twenty percent of total crashes, one percent of severe injury crashes, and sixty-one percent of property damage crashes.
- Rear-end crash related to unsafe speeding is one of the prominent crash patterns.

The project team then performed the following work items:

- Identifying safety emphasis areas
- Identifying systemic safety measures
- Identifying engineering countermeasures for roadways and intersections
- Identifying non-engineering safety measures
- Developing a list of recommended safety projects

The safety emphasis areas for the LRSP to focus on were identified as:

- Improper Turning, Hit Object, and Sideswipe Crashes
- Pedestrians
- Signalized Intersections
- Speeding and Rear End Crashes

General Recommendations

Based on the data and the emphasis areas identified, the following safety countermeasures and programs are being recommended:

- Traffic signal infrastructure improvements along Parkway Calabasas, Calabasas Road, and Las Virgenes Road including:
 - Reflective border backplates
 - Secondary signal indicators
 - Protected left turn phasing
 - Striping additions
- Emergency vehicle preemption along key corridors to improve response time for fire services.
- Upgrading pedestrian indications to include countdown timers.
- Improving accessibility at intersections with higher pedestrian activity such as Calabasas Road at Park Granada and Park Granada at Park Sorrento by installing leading pedestrian intervals and audible pedestrian signals.
- Installation of advance dilemma zone detection at the following two intersections that appear to have prevalent red light running:
 - Parkway Calabasas at Calabasas Road
 - Lost Hills Road at Agoura Road
- Deployment of additional speed display signs along roadway segments with a history of speed enforcement activity and speed crashes.
- Education and enforcement programs such as:
 - Safety education, encouragement and enforcement for a route to school program
 - High school vehicle safety education
 - Enhanced speed enforcement
 - DUI checkpoints

The Final LRSP is attached for review.

Next Steps

The completion of the LRSP provides the initial framework and understanding of crash patterns in the City which will help direct and inform future traffic safety efforts. Traffic safety contributes to roadway system reliability and traffic safety improvements implicitly help to relieve congestion. The LRSP provides opportunities for traffic safety grant funding as most grant funding programs now require an LRSP or similar document to be eligible. City staff will be seeking out grant funding opportunities and is specifically interested in the following grant programs:

Active Transportation Program (ATP)

ATP funding comes from a State program that combines various sources of funding for active transportation safety and encouragement projects and programs. There is an application process for funding every year. The City recently prepared and submitted an ATP grant application for safety improvements along Mulholland Hwy.

Highway Safety Improvement Program (HSIP)

HSIP funds are specifically for roadway safety projects and are ranked and funded based on the benefit cost ratio for each project application. The application cycle is every two years. The City received HSIP funding for the preparation of the LRSP and will be preparing applications for the next funding cycle in 2024.

Safe Streets and Roads for All (SS4A)

SS4A is a new Federally funded program created in the recently approved Bipartisan Infrastructure Law. The program is being administered by the US DOT and has \$1B in funding for the first cycle of applications due late this summer. The City is currently reviewing the eligibility of different types of projects and programs and the application process.

STRATEGIC PRIORITIES:

Completion of the LRSP, researching funding opportunities, and submitting applications for funding the projects in the LRSP are all specific actions in the City Council adopted FY 2022-23 Strategic Priorities Work Plan.

FISCAL IMPACT/SOURCE OF FUNDING:

The preparation of the LRSP was funded by a \$45,000 HSIP grant specifically for this purpose.

REQUESTED ACTION:

Staff recommends that the City Council:

1. Approve the Local Roadway Safety Plan.
2. Direct staff to seek out and prepare traffic safety grant funding applications such as the California Department of Transportation administered Highway Safety Improvement Program (HSIP) and Active Transportation Program (ATP) programs and the recently adopted US Department of Transportation Safe

Streets and Roads for All grant program to help implement the plan recommendations.

ATTACHMENTS:

Attachment A - Final LRSP