Grant Project Goals:

The primary goals of the project were to:

- Assist in funding the city’s Annual Pavement Maintenance Program
- Use all available grant funding
- Provide community with streets that will look great and last for years
- Divert California Waste tires from landfills by re-using its crumb rubber
- Continue efforts to use environmentally conscious products

Background

The City of Escondido (city) received $350,000 in grant funds to improve city streets. The City proposed treatment to various residential and local collector streets in the Maintenance Zones NE and SO (refer to map below). The work included repair of potholes, patching larger areas of pavement, removal of grass and weeds, filling major cracks, and applying Asphalt Rubber and Aggregate Membrane (ARAM) Surfacing to treat street surfaces. The final product produces streets that are sealed, look uniform, and will serve the community for many years to come.
Outcome and Accomplishments:

- The city expended 100 percent of awarded grant funds.
- Nearly 3.5 million square feet of city streets were treated with ARAM.
- 354,380 pounds of crumb rubber were used as part of these projects.
- 29,532 waste tires were diverted from landfills.

Challenges:

- Due to high demand, working within tight time constraints of ARAM subcontractors.
- Higher than normal rain showers.

Lessons Learned and Recommendations:

The City elected to combine two annual projects into one. While the combined project required more advanced planning and contractor coordination, it reduced inconvenience to City residents. We recommend going forward with one annual project in the future to improve service to our residents.

Snapshot

Grant Program: Rubberized Pavement Grant Program Website: http://www.calrecycle.ca.gov/Tires/Grants/Pavement/default.htm
Grant Number: TRP7-16-0075
Grant Type: Tire Recycling Grant
Year Awarded: 2016
Funding: Awarded $350,000, spent $350,000
Grant Manager Contact: Victoria.Rocha@CalRecycle.ca.gov or Farrah.Fadrigon@CalRecycle.ca.gov
City of Escondido Maintenance Zones NE and SO
FY 17/18
Grant # TRP7-16-0075