

**City of Pasadena
FY 2020 Road Maintenance and Rehabilitation Account Fund Project List**

Project Name: *Annual Citywide Street Resurfacing and ADA Improvement Program – FY 2020*

FY 2020 appropriation amount: \$2,500,000

Description: This project will resurface 4.3 miles of Orange Grove Boulevard from Lincoln Avenue to Sierra Madre Villa Avenue. The portion of Orange Grove Boulevard between Lincoln Avenue and Lake Avenue will utilize the cold-in-place recycling paving method. This method grinds the top three inches of existing asphalt then remixes the asphalt with a binder and re-covers the road. This sustainable paving practice removes more of the surface damage, and the rehabilitated road lasts longer than roads resurfaced with conventional asphalt. In addition, greenhouse gases are reduced from the paving operation, and less material is trucked off site, reducing truck traffic and damage to adjacent haul routes. The portion of the Orange Grove Boulevard between Lake Avenue and Sierra Madre Villa Avenue will utilize rubberized asphalt. This method is a noise reducing pavement material that consists of regular asphalt concrete mixed with crumb rubber made from recycled tires. This sustainable paving practice diverts tires from the waste stream. The project has the capacity to divert over 12,000 tires from landfills, while also reducing noise, resisting cracking, lasts longer, provides better skid resistance, and retains a dark color longer, providing contrast to pavement markings.

Schedule: Project will begin in FY 2020 and be completed in FY 2021

Project Useful life: 15 years