

East County & Rural Road Services



Transportation & Planning Committee
July 6, 2021

Rural Roads

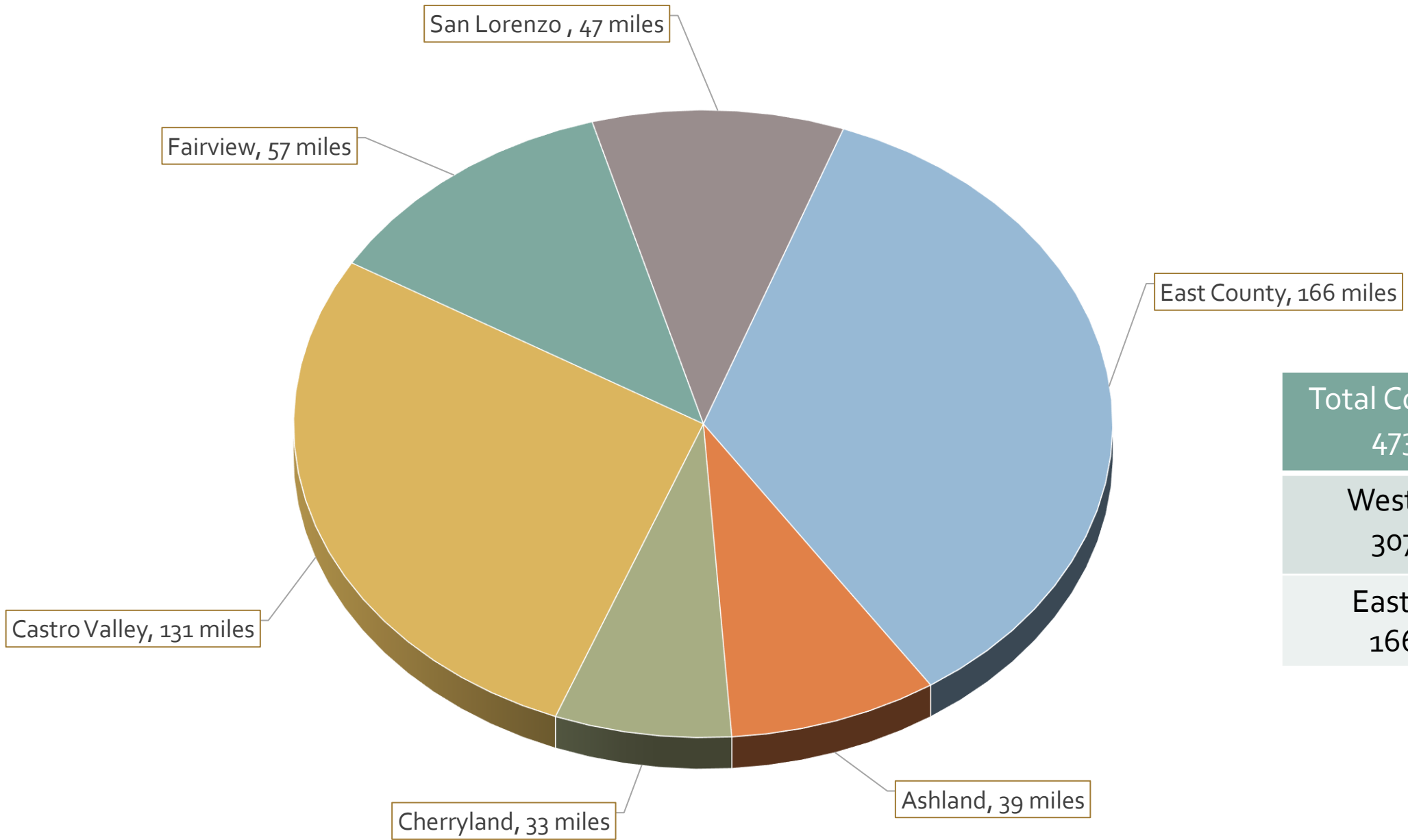
Overview & Challenges

Maintenance & Operations

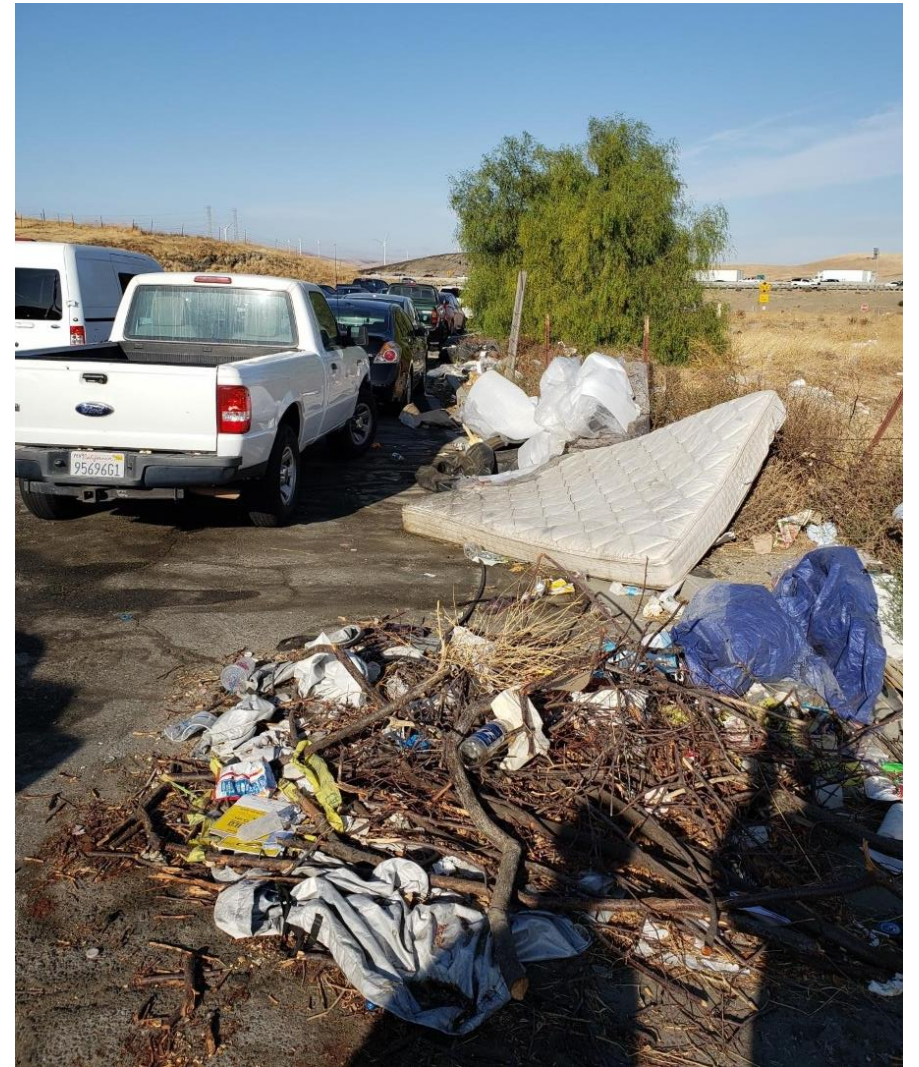
Capital Improvement Projects

Traffic Engineering Solutions

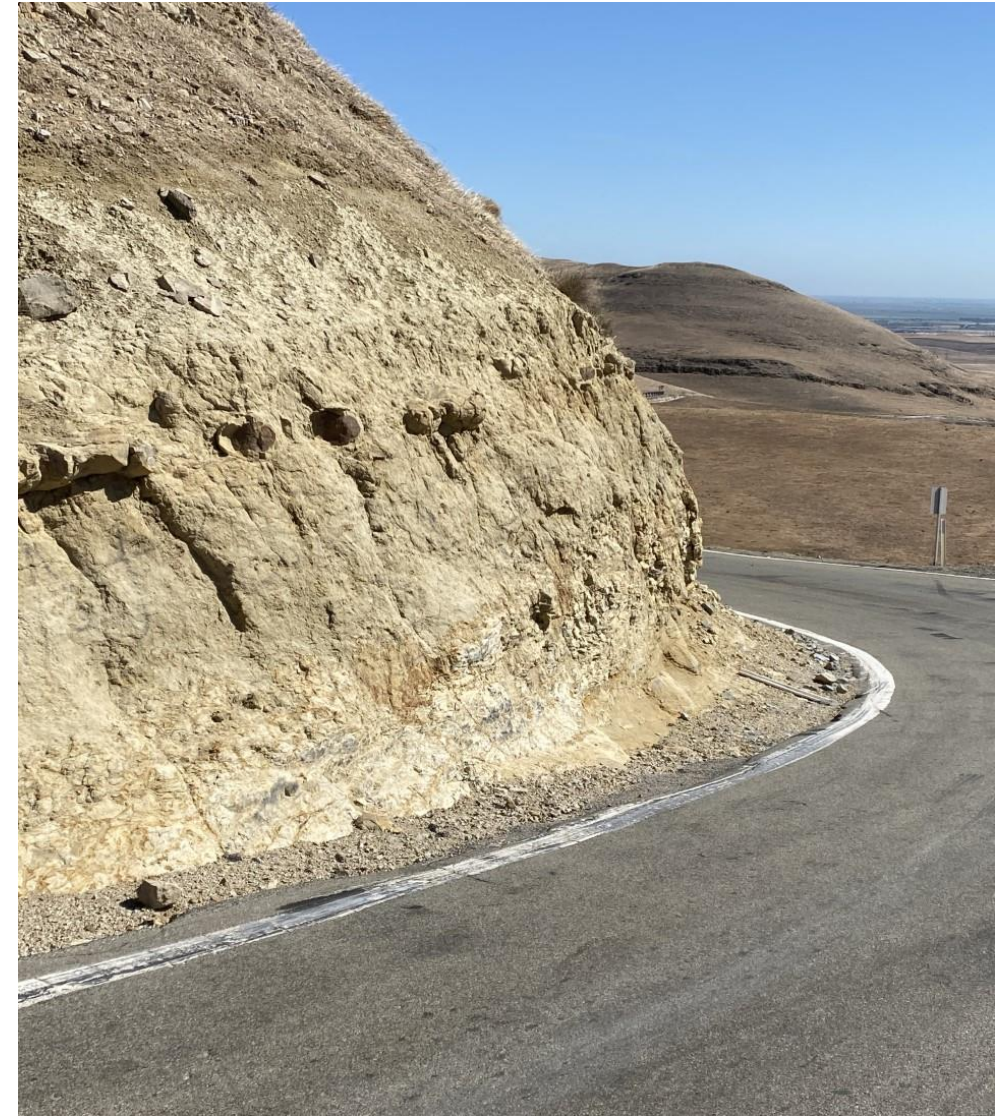




Total County Road 473 Miles
West County 307 Miles
East County 166 Miles



Illegal Dumping



Typical Rural Road - Patterson Pass Road



Patterson Pass Road



Calaveras Road



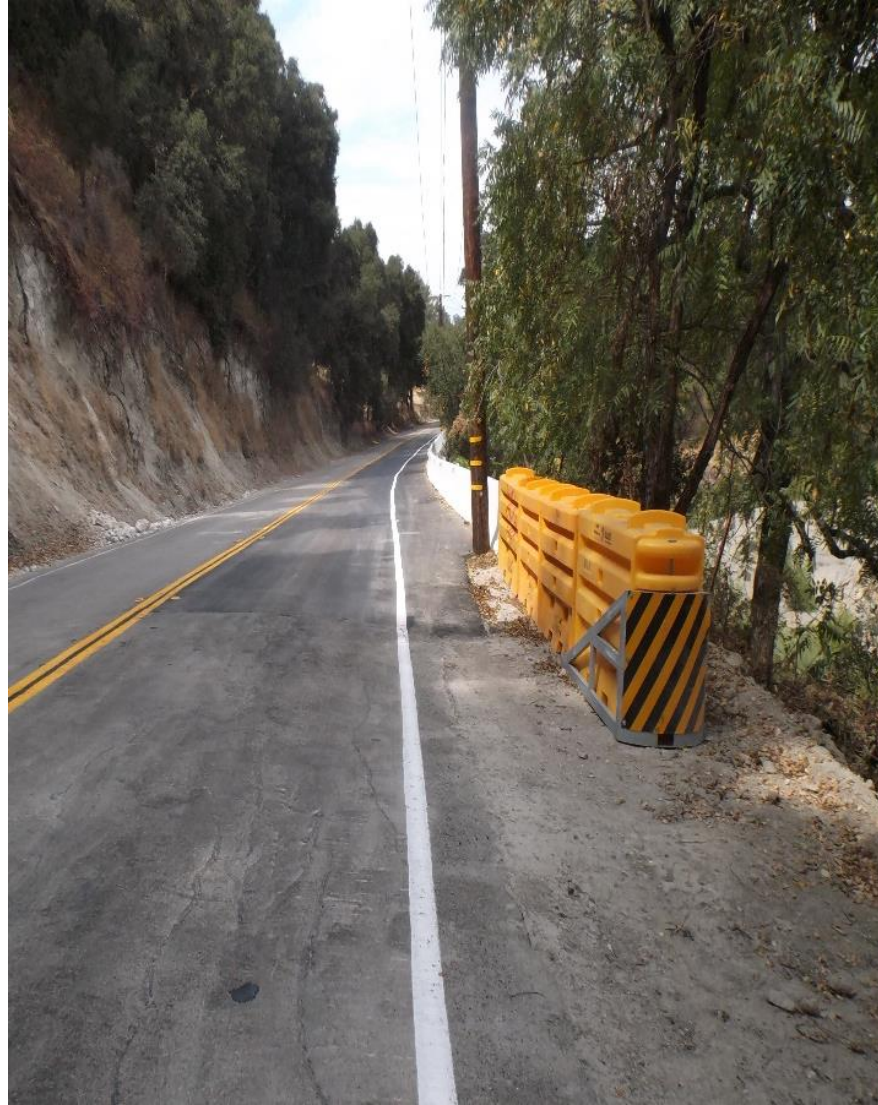
Mines Road Slip-Out



Calaveras Road Slide



Public Works Agency
Alameda County



Foothill Road Slope Repair



Redwood Road



Collier Canyon Road

Maintenance & Operation Rural Roads

Illegal Dumping @ \$800,000 per Year

Road Maintenance @ \$2,100,000 per Year

Shoulder Restoration

Pipe Culvert Repair / Replacement

Pavement Marking & Signs

Guardrail Repair

Base Repair

Pothole Repair

Chip Seal

Vegetation/Tree Management @ \$500,000 per Year

Roadside Brush & Vegetation Removal

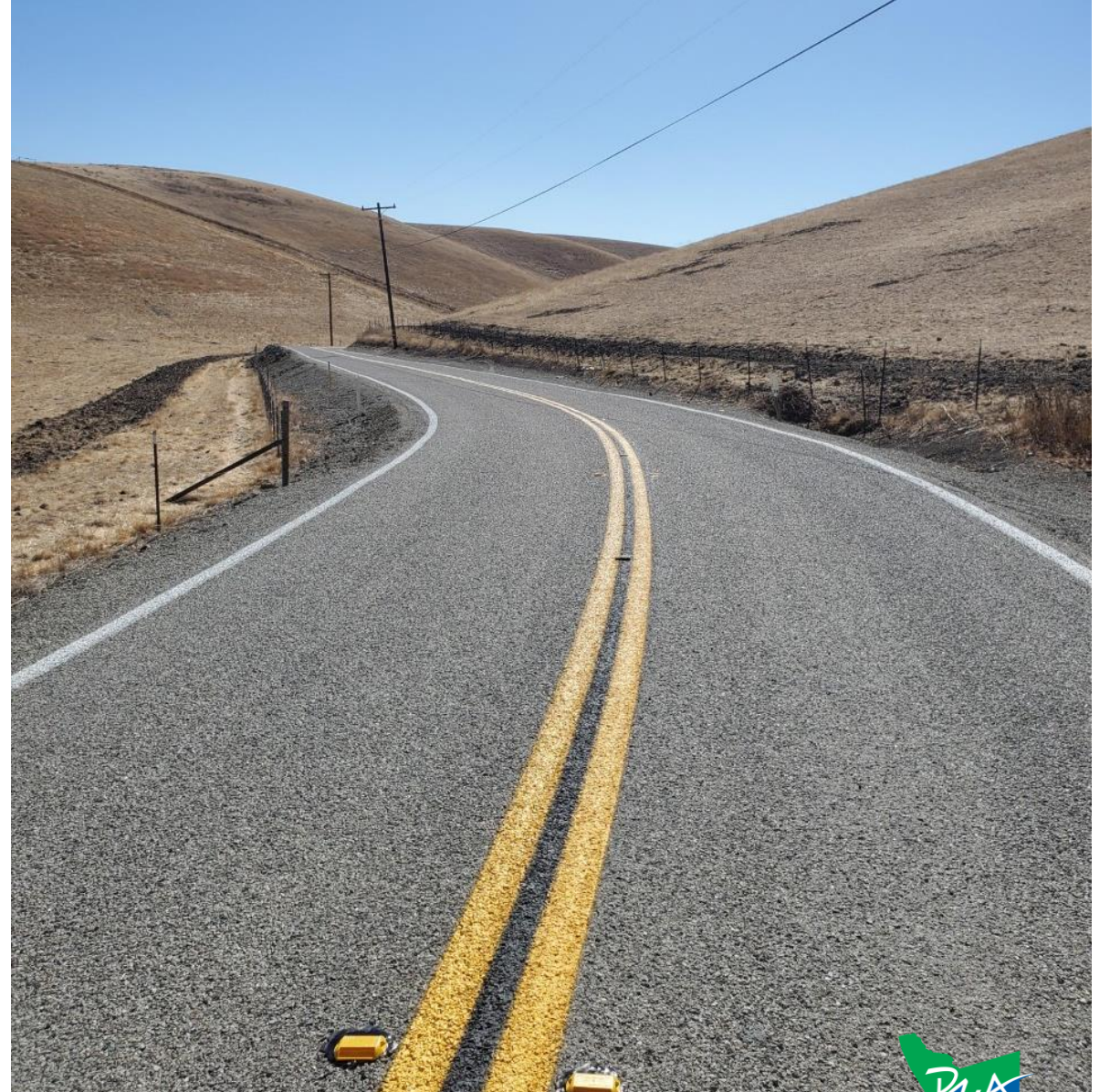
Tree Removal

Tree Trimming





Altamont Pass Road Pavement Patching



South Flynn Road Chip Seal



Public Works Agency
Alameda County



Tree & Vegetation Management



Illegal Dumping Mitigation

Capital Improvement Projects

Rural Roads

Project	Total
Arroyo Road Bridge Replacement at Dry Creek	\$4,529,351
Calaveras Road M8.65 Fire Damage Repair	\$620,000
Castlewood Drive Bridge Replacement	\$7,035,500
Collier Canyon Road M3.66 Culvert Repair	\$1,116,000
Crow Canyon Road Culvert Replacement at MM 6.35 and MM 6.71**	\$1,030,000
Crow Canyon Road M6.15 Storm Damage Repairs	\$2,911,600
Crow Canyon Road Resurfacing and Safety Improvements Phase I	\$11,262,000
Del Valle Rd Paving **	\$1,500,000
East County Routine Pavement Rehabilitation **	\$3,375,000
Foothill Road M6.89 Storm Damage Repair Phase II	\$1,337,600
Mines Rd/Foothill Culvert Safety**	\$585,000
Mines Road Paving**	\$550,500
Mines Road Safety Improvements	\$760,001
Niles Canyon Corridor Study	\$1,210,543
Norris Canyon Road M1.33 Drainpipe and Sinkhole Repair**	\$114,462
North Livermore Avenue Pavement Rehabilitation Project (Phase II pending)	\$6,310,000
Palomares Road Repairs of Stoneybrook Creek Culvert	\$185,000
Patterson Pass Road and Tesla Road Enforcement Turnout Project**	\$1,660,000
Redwood Road and Palomares Road Turnouts**	\$668,172
Redwood Road Slide Repair mm 7.45**	\$750,000
Rural Road Shoulder Safety Project	\$1,582,001
Speed Hump and Speed Table Installation Project**	\$550,000
Stanley-Bruns-Kelso Pavement Rehab Project*	\$2,030,000
Storm Damage Repairs Foothill Road mm 6.89 PR**	\$2,475,000
Storm Damage Repairs Palomares Road mm 5.34**	\$460,000
Storm Damage Repairs Palomares Road mm 8.73**	\$2,770,000
Storm Damage Repairs Redwood Road mm 7.38	\$1,810,000
Sunol Quiet Zone**	\$120,000
Tesla Road Corridor Improvement Project(Greenville-South Livermore Ave)	\$20,000,000
Tesla Road Guardrail Replacement Project (HSIP)	\$845,800
Traffic Signal New Installation (Greenville Road and Tesla Road)*	\$968,300
Vasco Road Resurfacing and Safety Improvements from Dalton Avenue to mm 3.0*	\$1,274,816
Total	\$82,396,646

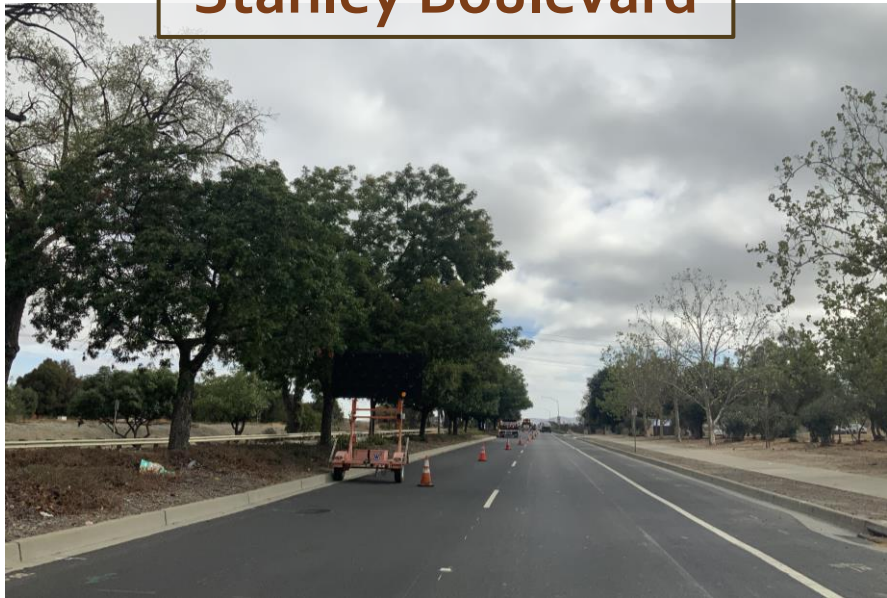
* = Under Construction, ** = Completed



Public Works Agency
Alameda County



Stanley Boulevard



Del Valle Road



North Livermore Avenue



Patterson Pass Road Safety & Drainage Improvements



Greenville Rd & Patterson Pass Rd



Greenville Rd & Altamont Pass Rd

Traffic Signal Installation in Partnership with Livermore

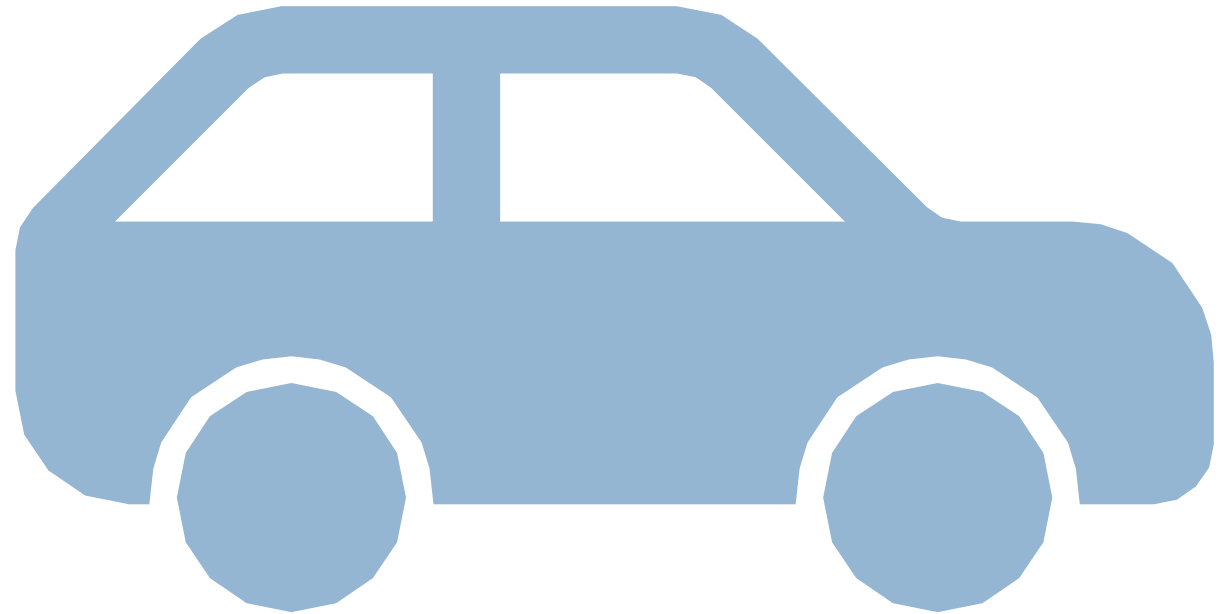


NEW TRAFFIC SIGNAL AT TESLA & GREENVILLE (6/30/21)



Traffic Engineering Solutions

Rural Roads





11 @ Tesla Road
3 @ Patterson Pass Road
1 @ Cross Road



Speed Tables



N. Livermore Ave



Patterson Pass Rd



Tesla Road

Speed Feedback Signs



Patterson Pass Road



Tesla Road



Weight and Turn Restrictions



Tesla Road



Calaveras Road

Curve Warning - Chevron Installation



Drivers Behaving Badly



QUESTIONS

