

Road Maintenance Program Update



Community Development Agency
Transportation Division
February 25, 2014

Legistar 14-0228

Our mission is to provide a safe highway system that meets the needs of County's citizens and protects our largest asset, our roadway infrastructure.

◎ Presentation Objectives

- Inform the Board of projects completed in recent year, planned projects for the rest of FY 13/14, and planned projects for FY 14/15.

Approved General Funding for Road Maintenance for FY 13/14

Brushing	Ditching	Surface Treatment	Vegetation Control	Sign Maintenance
Perry Creek Rd - 4.14 mi.	Pony Express Trl - 5.47 mi.	Garden Valley Rd - 3.56 mi.	Expand treatment to East of Placerville in areas such as: Smith Flat, Apple Hill, Georgetown, and Omo Ranch	Sign Maintenance is currently averaging about 900 signs a year. In order to be updated with the new MUTCD standards by 2018. The increase in signage will need to be 1500 signs. The 2018 date will still put us behind the Federal Due Date of 2015 by 3 years but is reasonable with the costs of material and labor.
Slug Gulch Rd - 5.39 mi.	Mt. Aukum Rd - 12.39 mi.	Black Oak Mine Rd- 1.24 mi.		
Salmon Falls Rd - 12.5 mi.	Lotus Rd - 6.79 mi.	Brandon Rd - 2.12 mi.		
Sly Park Rd - 11.46 mi.	Latrobe Rd - 11.47 mi.	Bonnetti Rd - .94 mi.		
Snows Rd - 3.19 mi.	Durock Rd - 2.03 mi.	Kyburz Dr - .48 mi.		
Cambridge Rd - 3.36 mi.		Hillbilly Ln - .16 mi.		
		Pine Cone Dr - .14 mi.		
		Riverview Cir - .04 mi.		
		Silver Fork Rd - .34 mi.		
		Redwing Dr - .12 mi.		
		Oriole Drive - .09 mi.		
		Robin Cir - .02 mi.		
Total Miles - 40.04 Approx. Cost - \$852,133	Total Miles - 38.15 Approx. Cost - \$357,656	Total Miles - 9.25 Approx. Cost - \$223,128	Approx. Miles - 100 Approx. Cost - \$23,300	Total Signs - 600 Approx. Cost - \$291,576

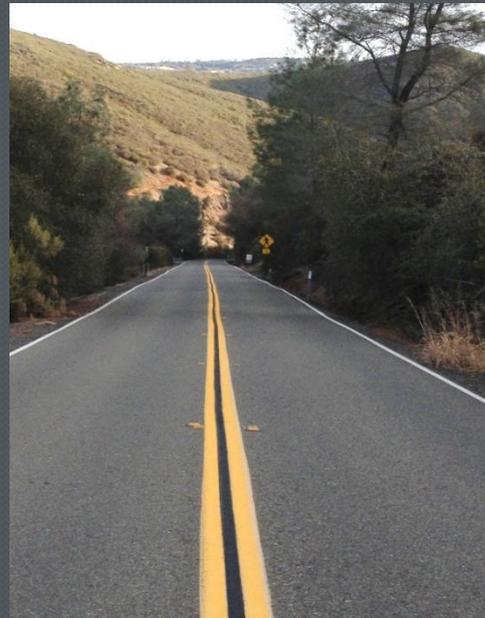
Brushing Project Salmon Falls Road

12.05 miles, 31 Days

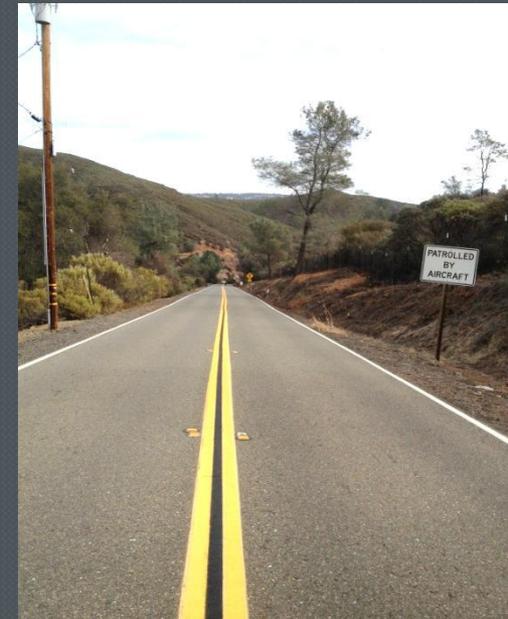
- Estimated Budget - \$266,025
- Actual Cost - \$162,992. Savings of \$103,033 due to the use of the CalFire-Growlersburg Conservation Camp crew (Growlersburg).
- Growlersburg worked with us for 11 days for total cost of \$2467
- Total Labor Hours – 1988, Equipment Hours – 2405



On the Project



Before



After

Ditching Project Mt. Aukum Road



12.39 miles, 26 Days

This ditching project also includes the cleaning of drainage culverts and shoulder repair.



- Estimated Budget - \$116,156
- Actual Cost - \$212,614
- Total Labor Hours – 2350, Equipment Hours – 1967



Sign Maintenance



Omo Ranch Road – School Crossing Ahead Sign



Ponderosa Road – School Bus Stop Ahead

Approximately 712 regulatory, warning and guide signs have been installed for the retro reflectivity program from July 2013 to January 2014 throughout the County.

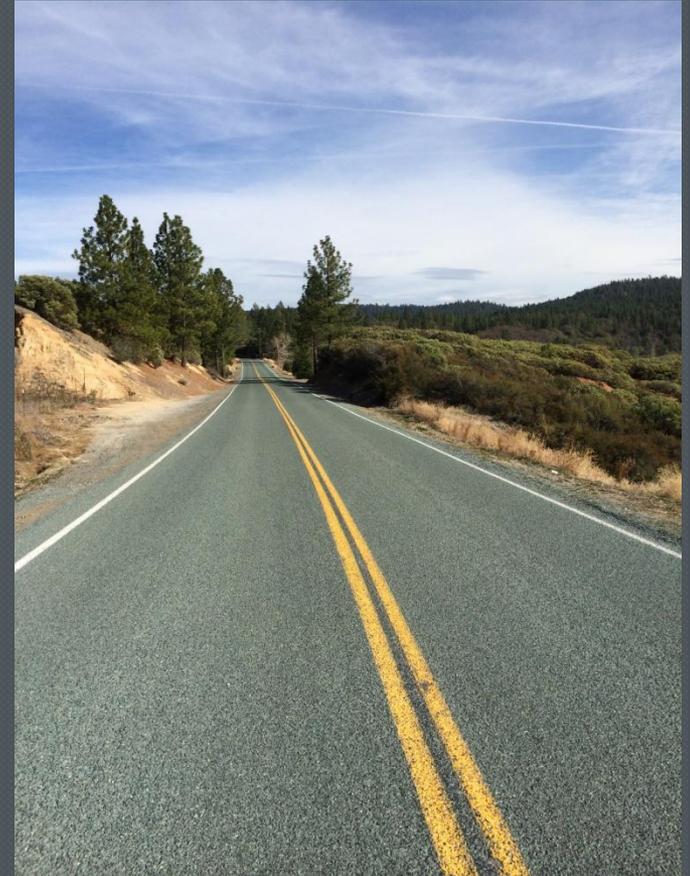
Chip Seal



**Green Valley Road
After Picture**

Completed Chip Seal

- **West Slope –
45.70 miles**
- **Tahoe Basin –
17.77 miles**



**Grizzly Flat Road
After Picture**

Chip Seal + Type II Slurry Seal



**Ridge Drive @ Mother Lode Drive
Before and After Pictures**



**Kato Court
Before and After Pictures**

Traffic Unit Maintenance Projects



Striping for Francisco Drive Overlay Project



Missouri Flat Road – Traffic Signal Knockdown



Green Valley Road – Raised Pavement Marker Installation

Over the six months, the Traffic Unit has:

- Striped 410 miles of centerline and 168 miles of white edge line.
- Installed 19 miles of Raised Pavement Markers (RPMs).
- Repaired 4 Traffic Signal Knockdowns (1 Cabinet, 1 Pedestal, 3 Signal Poles).

Completed Tahoe Maintenance Projects



Fallen Leaf Road

- Boulder Removal and Pavement Repair



Material Hauling from Meyers Landfill to Tahoe Asphalt for recycling.

- 1840 tons were removed. It consisted of dirt, broken asphalt, scrap metal and garbage.
- Six days of removal and two days of pothole patching.



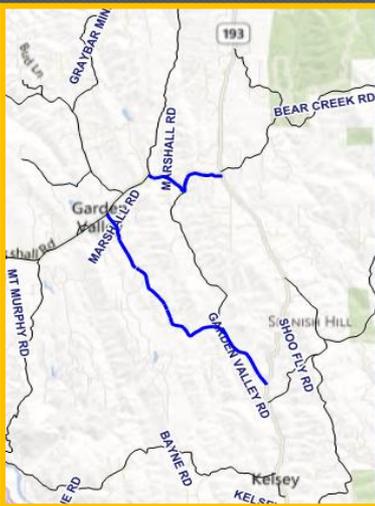
Onnontioga Street

- Six days of prep (grade, pulverize and compact) and two days of paving.

Current Year Chip Seal and Slurry Seal Projects - FY 13/14

North Co

Garden Valley Rd
Black Oak Mine Rd



Southwest Co

Brandon Rd
Bonnetti Rd



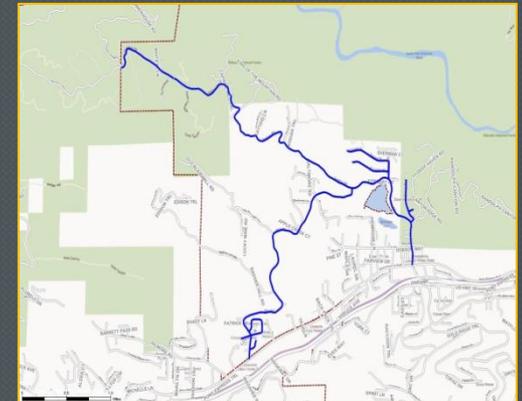
Kyburz

Kyburz Dr Rd
Hillbilly Ln Redwing Dr
Pine Cone Dr Oriole Dr
Riverview Cr Robin Cr
Silver Fork



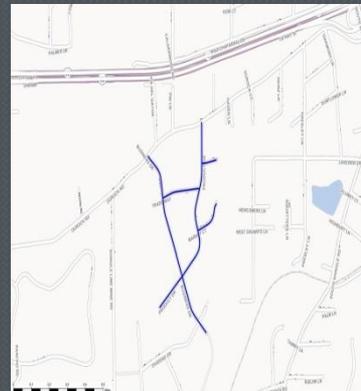
Pollock Pines (Chip Seal/Slurry Seal)

Forebay Rd Terrace Dr
Blair Rd El Camino Dr
Deep Haven Marjorie Wy
Rd Joni Ct
Romer Blvd Ritz Rd
Mt View Ct Loyal Ln
Sherman Wy



Shingle Springs (Slurry Seal Only)

Product Drive
Business Drive
Trade Way
Market Court
Quest Drive



Current Year Maintenance – FY 13/14

Brushing - Pollock Pines

Sly Park Road (Picture
Below)
Snows Road



Ditching - El Dorado Hills and Rescue

Latrobe Road (Picture
Below)
Lotus Road



Chip Seal Prep - El Dorado Hills and Cameron Park

Powers Dr
Muse Dr
Mossridge Wy
Beatty Dr
Beatty Ct
Katie Wy
Knollridge Dr
Knollridge Ct
Ridgeview Ct
Glen Ridge Ct
Rolph Wy
Rocky Ridge Wy

Salida Wy
Salida Ct
Estepa Dr
El Tejon Dr
Granada Dr
Portillo Ct
Turner Cr
Turner Ct
Charito Ln
Granada Ct

Black Oak
Mine Rd
Bonnetti Rd
Brandon Rd
Garden Vly Rd
Hillbilly Ln
Kyburz Dr
Oriole Dr
Pine Cone Dr
Redwing Dr
Riverview Cir
Robin Cir
Silver Fork Rd

Sign Maintenance

700 signs to replace to
meet MUTCD Standards
for the year.

Chip Seal Preparation includes but is not limited to: pavement failure repairs, brushing, ditching, crack sealing, dura patching, culvert replacement, curb and gutter repair, grinding of legends, and placement of temporary road markers.

Planned FY 14/15 Chip Seal and Slurry Seal

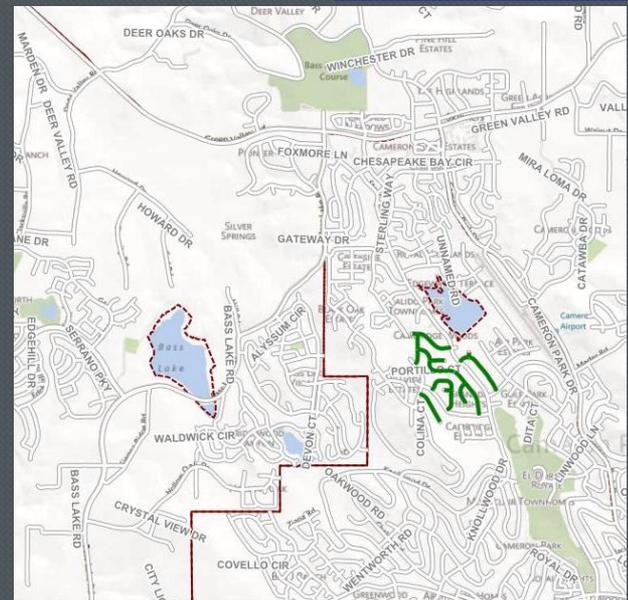
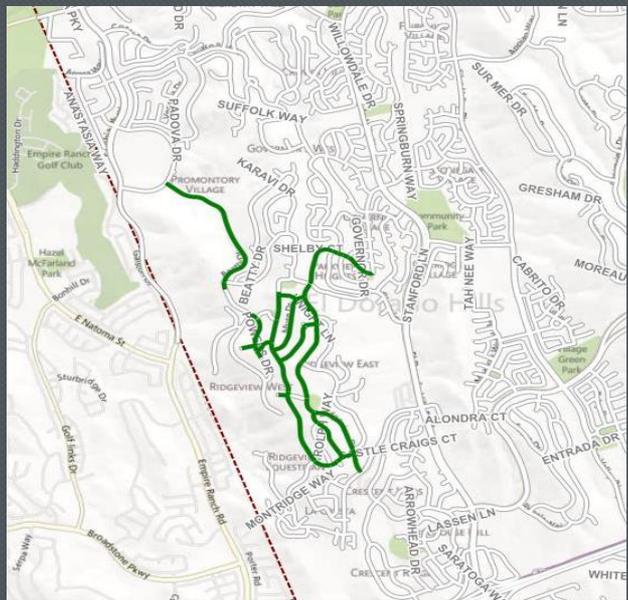
El Dorado Hills and Cameron Park (Chip Seal and Slurry Seal)*

Powers Dr
Muse Dr
Mossridge Wy
Beatty Dr
Beatty Ct
Katie Wy

Knollridge Dr
Knollridge Ct
Ridgeview Ct
Glen Ridge Ct
Rolph Wy
Rocky Ridge Wy

Salida Wy
Salida Ct
Estepa Dr
El Tejon Dr
Granada Dr
Portillo Ct

Turner Cr
Turner Ct
Charito Ln
Granada Ct



* Carried over from FY 13/14 Chip Seal List.

Planned FY 14/15 Maintenance

1. Along with the planned Chip Seal/Slurry Seal projects, our main focus for the year will be Chip Seal Preparation for the roads planned for FY 15/16 Chip Seal Schedule.
2. Various Maintenance Requests which include but not limited to:
 - Brushing – tree limbs, site distance, school district requests.
 - Pavement Failures – grind and pave, dig outs and dura patching.
 - Ditching – erosion, shouldering and drainage improvements.
3. Brushing Projects with use of CalFire - Growlersburg.



South Shingle Road



Sunset Lane

Next BOS Meeting

- Transportation Division will return to Board on March 4, 2014 with proposed FY 14/15 Maintenance Funding augmentation options for your consideration for the Road Maintenance Program.