

Road Maintenance Program Funding Augmentation FY 14/15



Community Development Agency
Transportation Division
August 5, 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, the roadway infrastructure.

◉ Presentation Objectives

- Inform the Board of two (2) options using the additional funding provided in the June 10, 2014 Board date.
- Option A covers the funding and designated area approved on June 10th.
- Option B covers other areas if additional funding is obtainable.

\$500K General Fund Allocation

The total costs for the overlays of Barbara Avenue, Martin Avenue and Black Bart Avenue is \$750,000. The remaining \$250,000 needed to complete the overlays will be funded from other sources.



Barbara Avenue



Martin Avenue



Black Bart Avenue

\$2.5M Funding Allocation

Category	Amount	Contract or County
Asphalt Overlays	\$750,000	Contractor
Slurry Seal	\$500,000	Contractor
Minor/Major Rehabilitation	\$1,000,000	Contractor and County
Sign Retro-Reflectivity Program	\$250,000	County (475 sign replacements)
Total	\$2,500,000	

How were the Categories Identified?

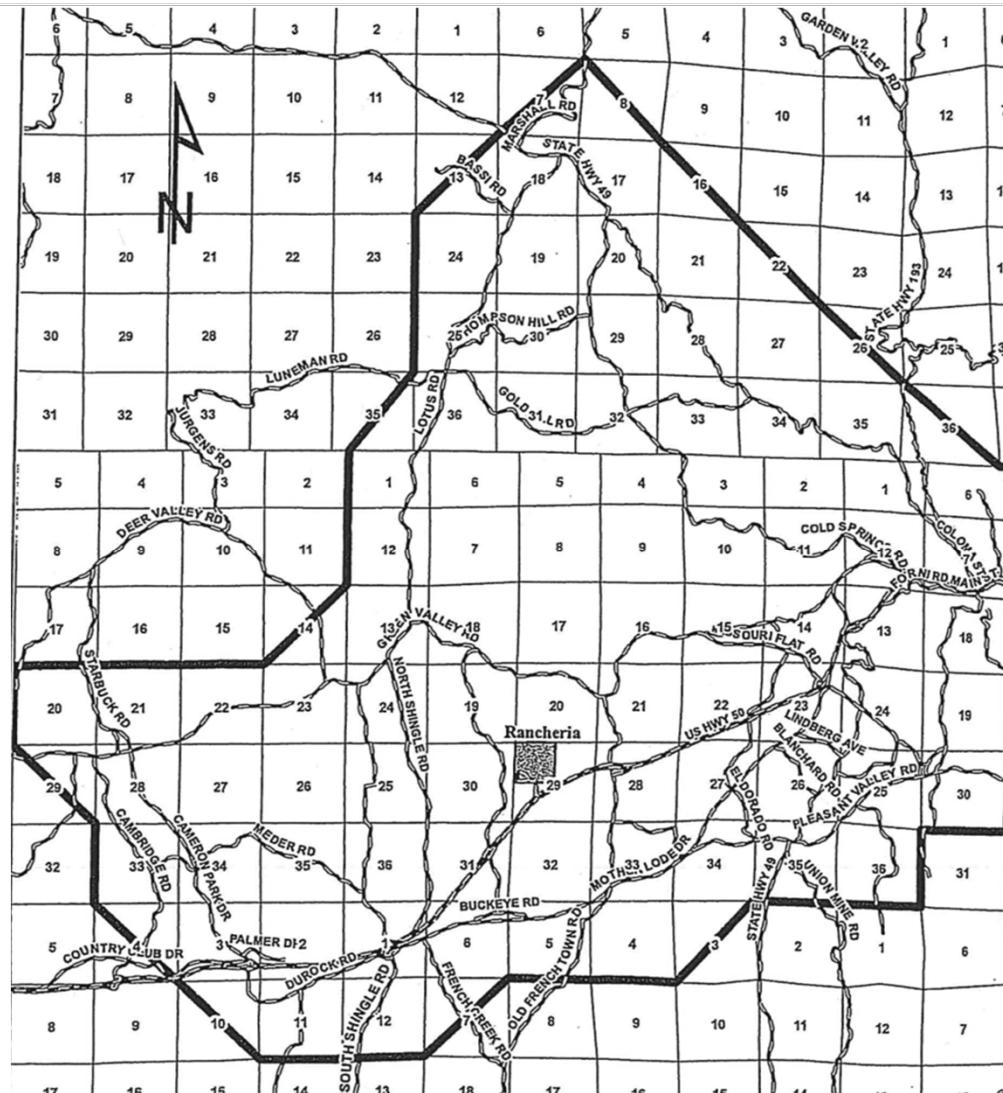
◉ Subjective analysis of:

- Pavement condition index (PCI).
- Average daily traffic (ADT).
- Evaluation from staff in regards to the needs of the current infrastructure.

◉ Our goal:

- Is to increase the PCI by an average of 3 points total over the three-year period. This will help increase the overall County PCI average toward the desired benchmark of 70.

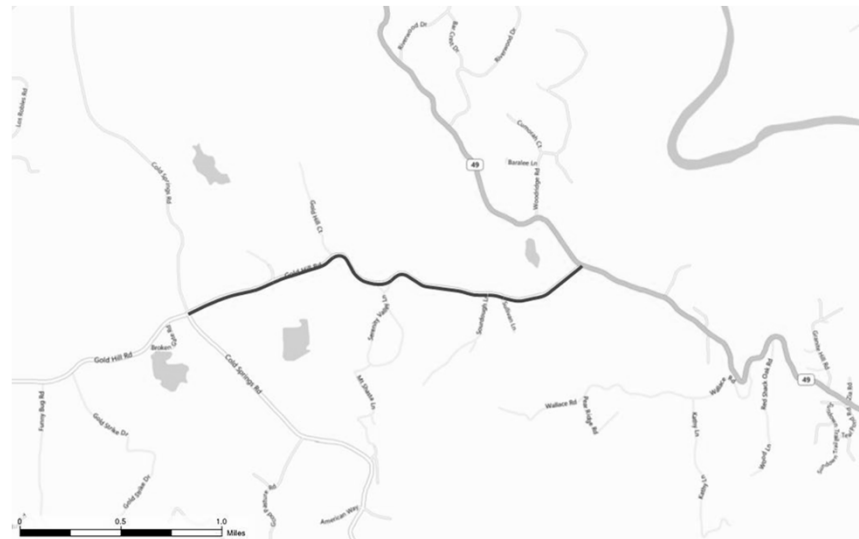
Option A (Designated Area)



Option A – Asphalt Overlay



Gold Hill Road from Cold Springs Road to Highway 49



[illegible]

A map of the study area showing the location of the study site (indicated by a black dot) relative to various roads and landmarks. The map includes labels for Campus Dr, Green Valley Rd, Vista Ln, Missouri Flat Rd, Hidden Hills, Mt. Way, and White. A scale bar at the bottom indicates distances from 0 to 0.4 miles.

Map of the Green Valley Road area in the City of Glen. The map shows Green Valley Rd running horizontally across the middle. To the north of it are Pine Hill Estates and The Highlands. To the south are Emerald Meadows, Tourmaline Way, and Cameron Mobile Home Park. A scale bar at the bottom indicates distances from 0 to 0.4 miles. A north arrow points towards the top right. Various streets are labeled, including Winchester Dr, Starbuck Rd, Duxbury Rd, and others.

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Option A – Minor and Major Rehabilitation

Below are several of the anticipated roadways that need minor or major rehabilitation. The rehabilitation can include: pavement failure repairs, brushing, ditching, crack sealing, dura patching, culvert replacement, concrete curb and gutter repair, grinding of legends and placement of temporary road markers.

The funding will be allocated between labor, equipment, materials, hauling, and rental equipment costs to perform the needed rehabilitation for each roadway.



South Shingle Road



Meder Road

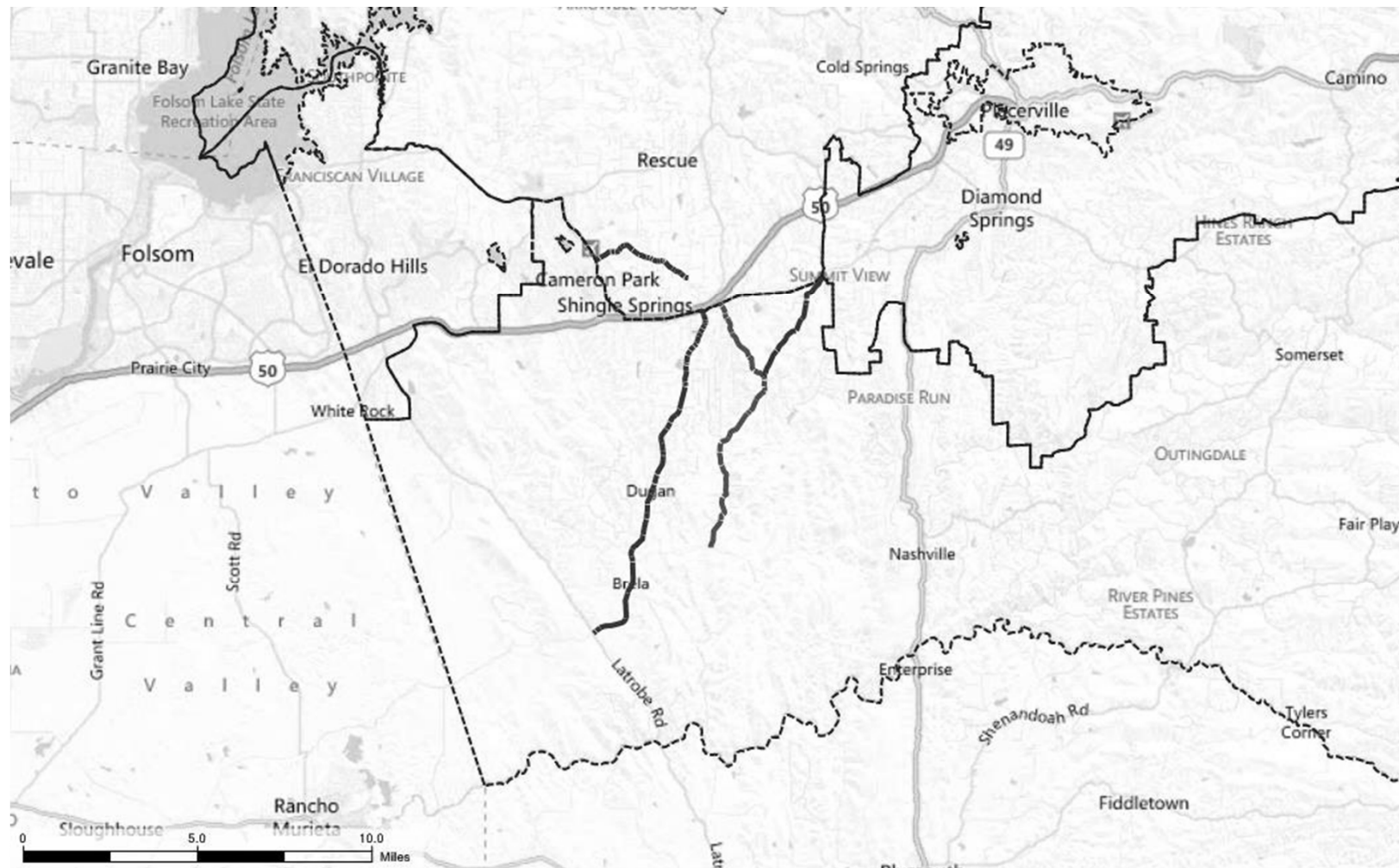


French Creek Road



Old French Town Rd

Option A – Minor and Major Rehabilitation Map



Option B – Asphalt Overlay



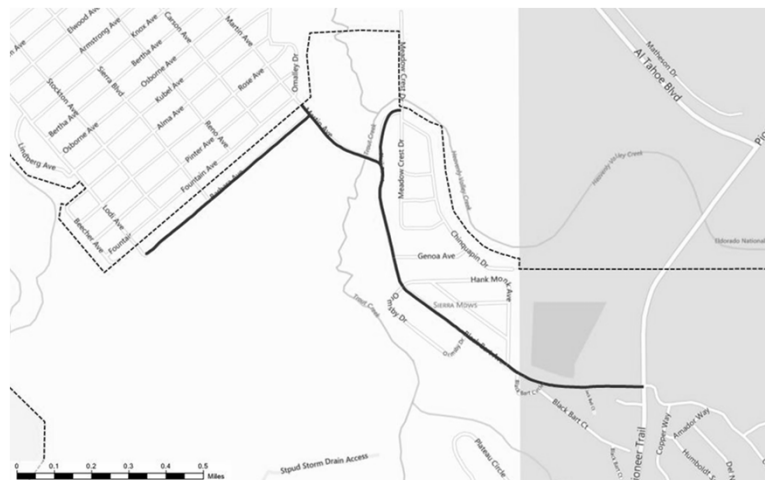
Barbara Avenue



Martin Avenue



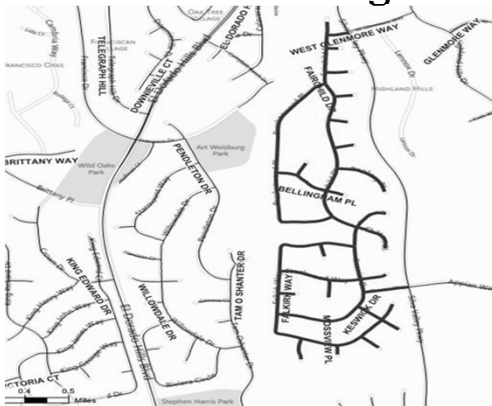
Black Bart Avenue



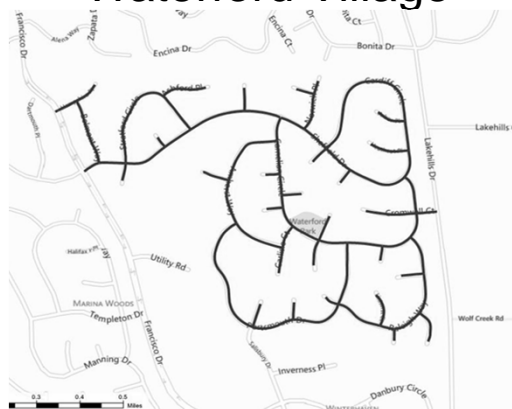
Option B – Slurry Seal



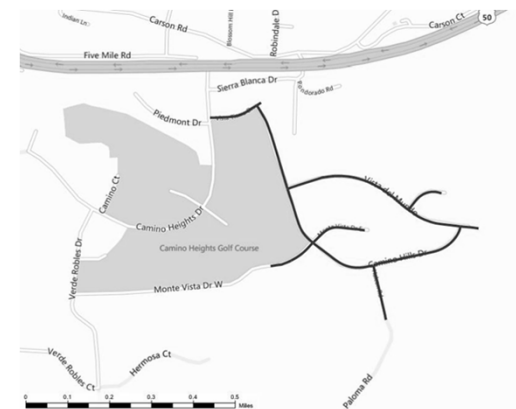
Fairchild Village



Waterford Village



Camino Hills



Option B – Minor and Major Rehabilitation

The funding will be allocated between labor, equipment, materials, hauling, and rental equipment to perform the needed rehabilitation for each roadway.



South Shingle
Rd



French Crk Rd



Old French
Town Rd

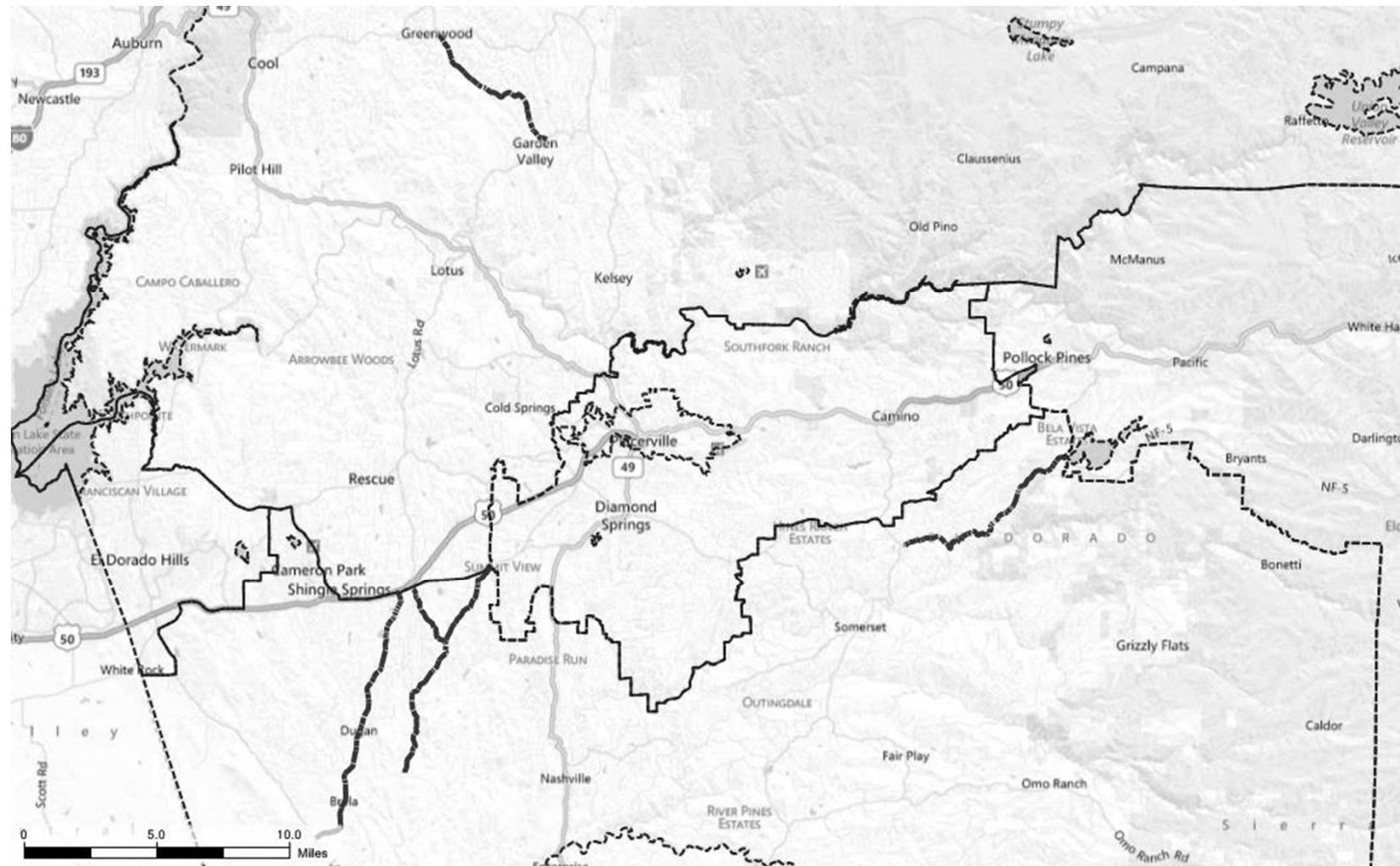


Greenwood Rd



Sly Park Rd

Option B – Minor and Major Rehabilitation Map



Staff Recommends:

- ◉ Approve Option A.
- ◉ Alternate: Approve Option B if additional funding becomes available or the Board changes direction.