



Angels Camp Pavement Management Plan

Budget

- 5-Year Budget after Consultant Fees
- Estimated Treatment Area
- Project Type can be Adjusted for Current Needs if Necessary
- Approximate Network Area – 3,300,000 sf

5-Year Pavement Management Plan Budget				
Year	Project Type	Budget	Estimated Treatment Area (sf)	% of Network
25/26	Stop Gap	\$ 355,000	78,000	Varies
26/27	Rapid Setting Slurry	\$ 300,000	600,000	18.00%
27/28	Stop Gap	\$ 300,000	65,000	Varies
28/29	Chip Seal	\$ 300,000	375,000	11.00%
29/30	Stop Gap	\$ 300,000	65,000	Varies

Benefit to Project Road Network (StreetSaver)



- Last PCI Inspections Completed in 2019
- Network Condition Grade = Good (59)
- Goal of “keeping the good roads good”
- Investing in preventive maintenance treatments now delays the need for more costly reconstruction treatments and has a larger impact on the network PCI

Additional Information

- Estimated Treatment Costs Per Condition Category
 - Can vary based on different combination of treatments
 - Full depth patching, mill and overlay, etc.
- Pavement Condition Categories

Table 1: Treatment Estimated Unit Cost

Category	Unit Cost \$/SF	Application Interval (Yrs.)	Detail	100' Section Cost (\$)*
Category I - PREVENT MNT 1	0.50	8	Slurry Seal (Type II), Surface Treatment	1,200
Category II - PREVENT MNT 2	0.50	8	Slurry Seal (Type III), Surface Treatment	1,200
Category III - CORRECT MNT 1	2.00	8	Deep Patching, Base Repair and Surface Treatment/Chip Seal/ Overlay	4,800
Category IV - Arterial and Collector [CORRECT/REHAB]	4.50	-	2" Mill and Overlay/Stop Gap	10,800
Category IV - Residential [RECON/FDR]	8.00	-	Reconstruction/FDR	19,200
Category V - [RECON/FDR]	10.00	-	Reconstruction/FDR	24,000

*Assuming 24' section width (Two 12' lanes)

Pavement Condition Categories

Condition Category	Pavement Condition	PCI Category
I	Very Good	100
II/III	Good	70
IV	Poor	50
V	Very Poor	25
		0

Example of Preventive Maintenance Impact

- Gardner Lane – Chip Seal Treatment
- Significant Impact to Section PCI
- Delaying the Deterioration of the Pavement Section

Street ID	Section ID	Road Name	Begin Location	End Location	PCI Date	Last Calculated PCI	PCI After	PCI High	PCI Low	Pct Load	Pct Envr	Pct Other
GRDNERLN	0010	GARDNER LN	MURPHYS GRADE RD	HOLLY ST	6/30/2025	59	70			58.93	34.90	6.17
GRDNERLN	0020	GARDNER LN	HOLLY ST	EASY ST	6/30/2025	43	59			59.87	40.13	0.00
GRDNERLN	0030	GARDNER LN	EASY ST	BROGLIO WY	6/30/2025	65	75			27.55	58.06	14.39
GRDNERLN	0040	GARDNER LN	BROGLIO WY	DOGTOWN RD	6/30/2025	50	64			52.49	47.51	0.00

Questions