

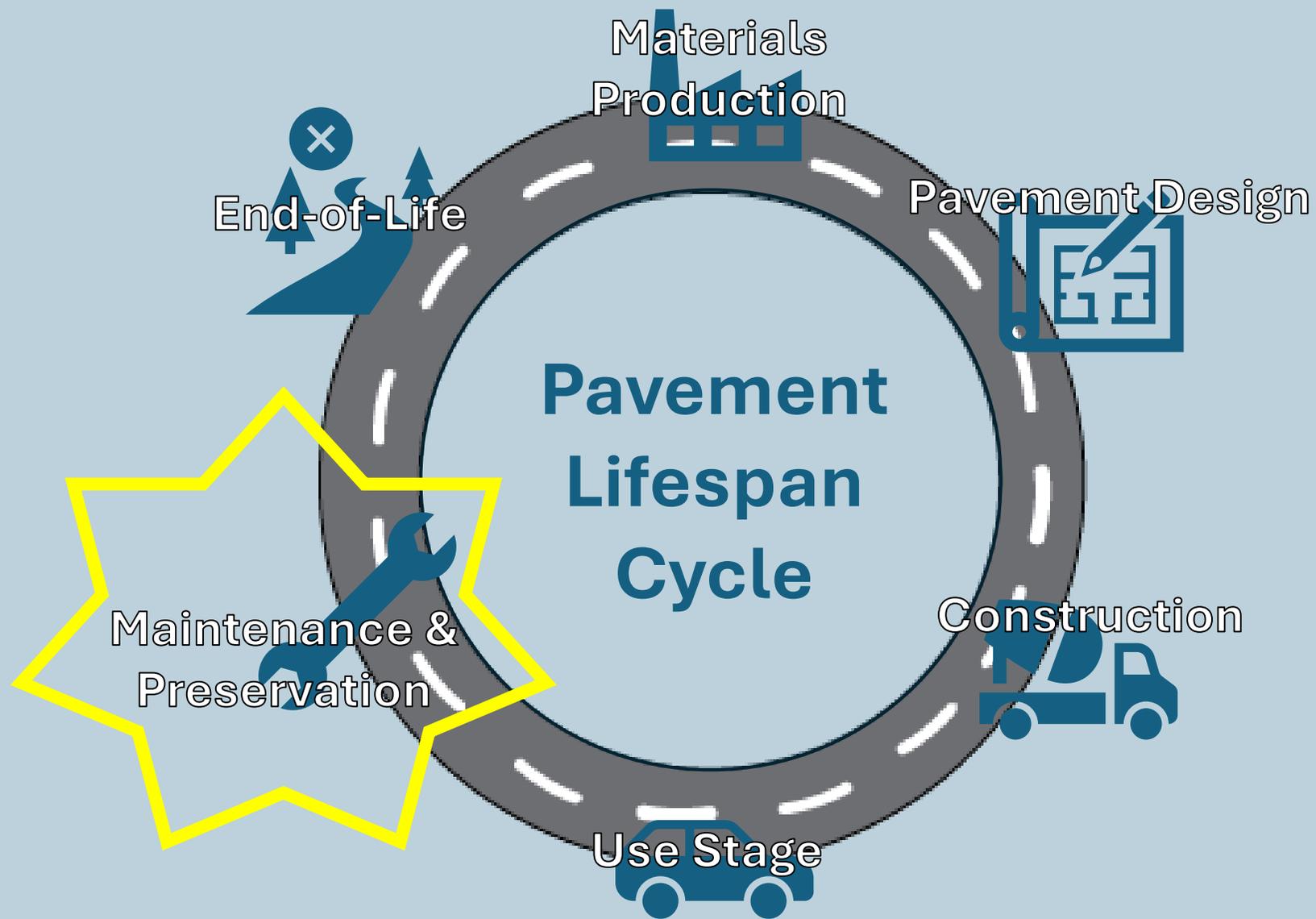
Pavement Preservation Initiatives



Overview

- Pavement Preservation
- Maintenance & Cost
- Our Current Plan
- Pavement Funding Options





What is Pavement Preservation?

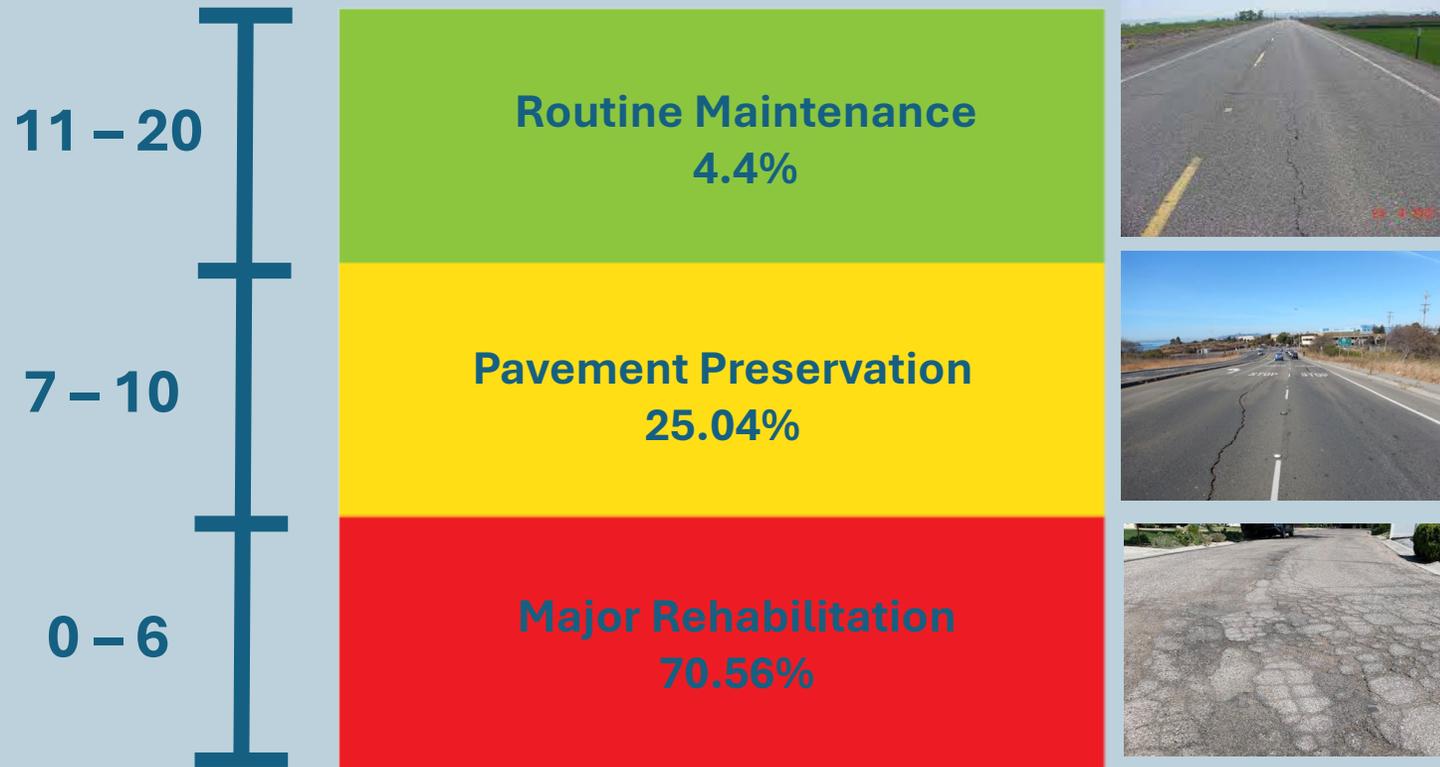


Preventative Maintenance
Minor Rehabilitation (non-structural)
Some Routine Maintenance



New Pavement Construction
Reconstruction
Major Rehabilitation
Corrective Maintenance

Pavement Conditions Index (PCI)



Types of Maintenance Needed:

Crack Seal

Slurry, Micro Pave, Chip Seal & Overlay

Full Reconstruction

Types of Preservation

Pavement Preservation



Crack Seal

\$



Slurry, Chip Seal, & MicroPave

\$\$

\$0.222 – \$0.337/sq feet



Mill & Overlay

\$\$\$

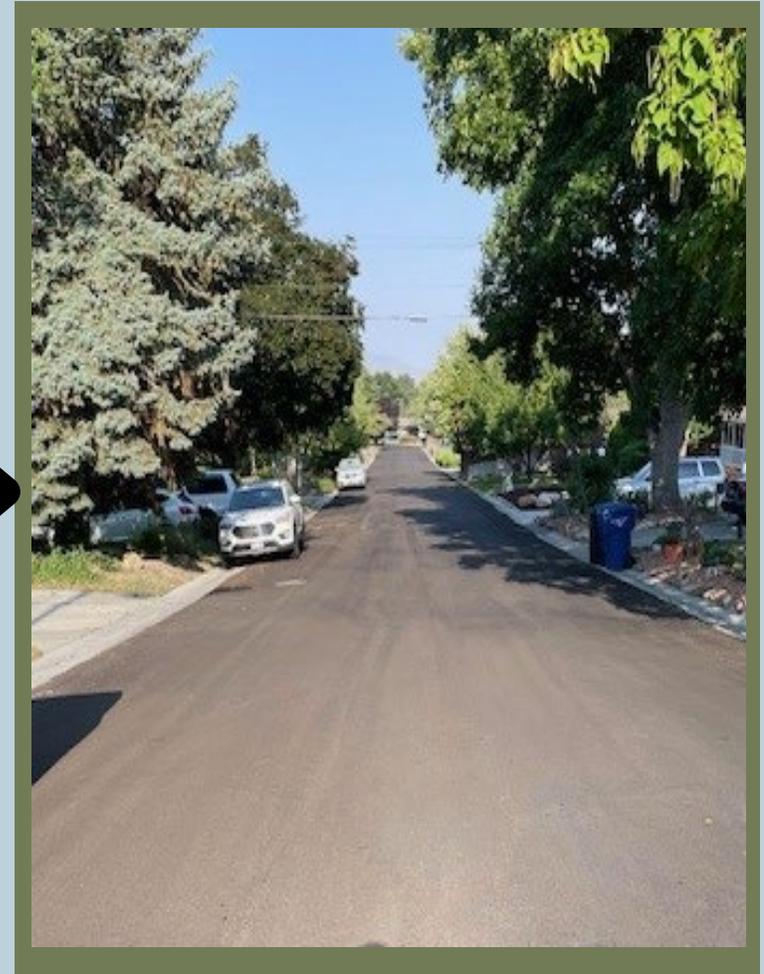
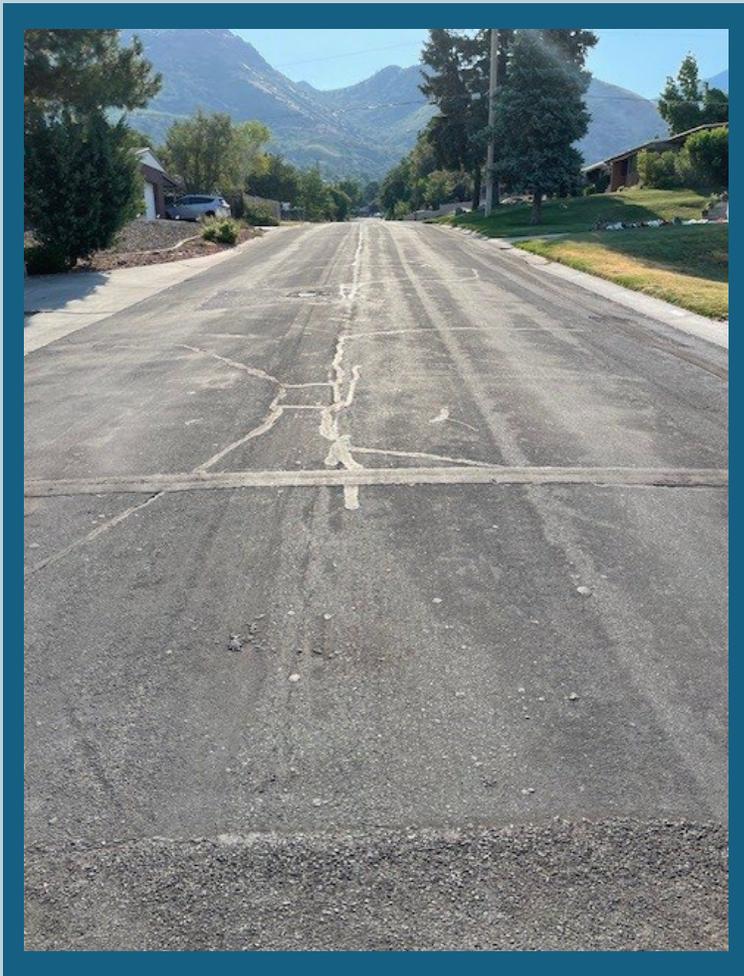
\$1.25 – \$3.75/sq feet

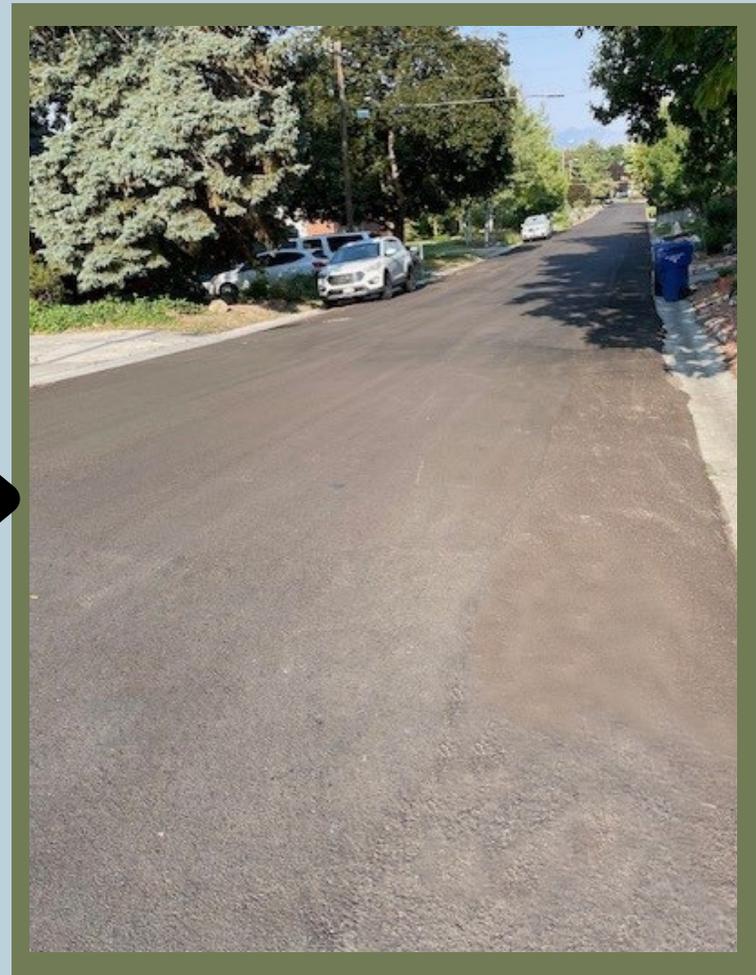
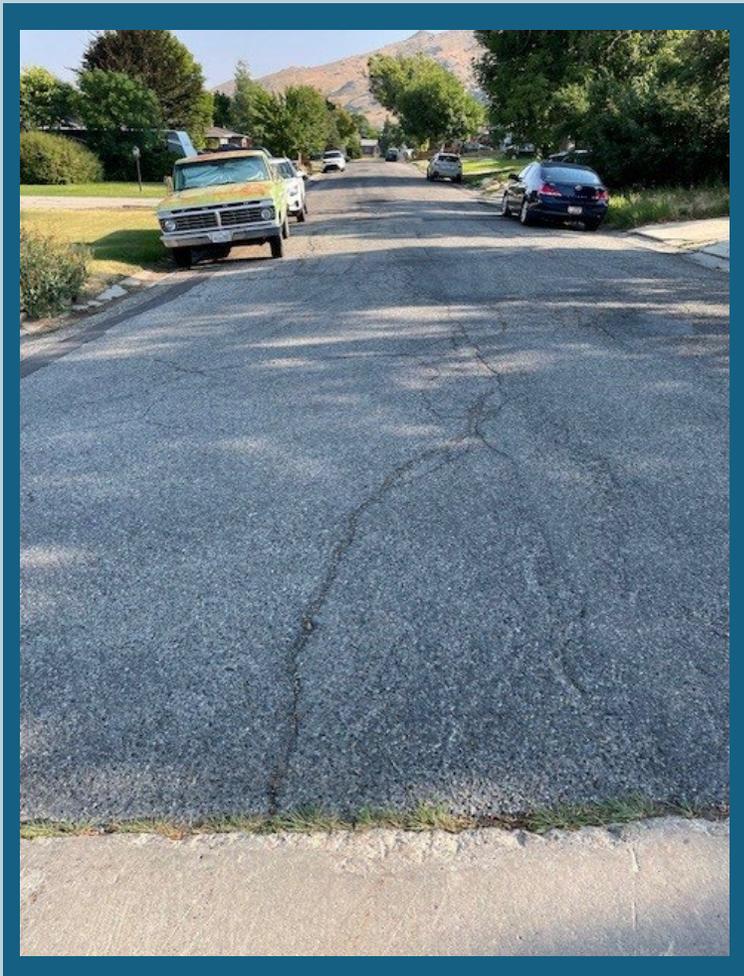


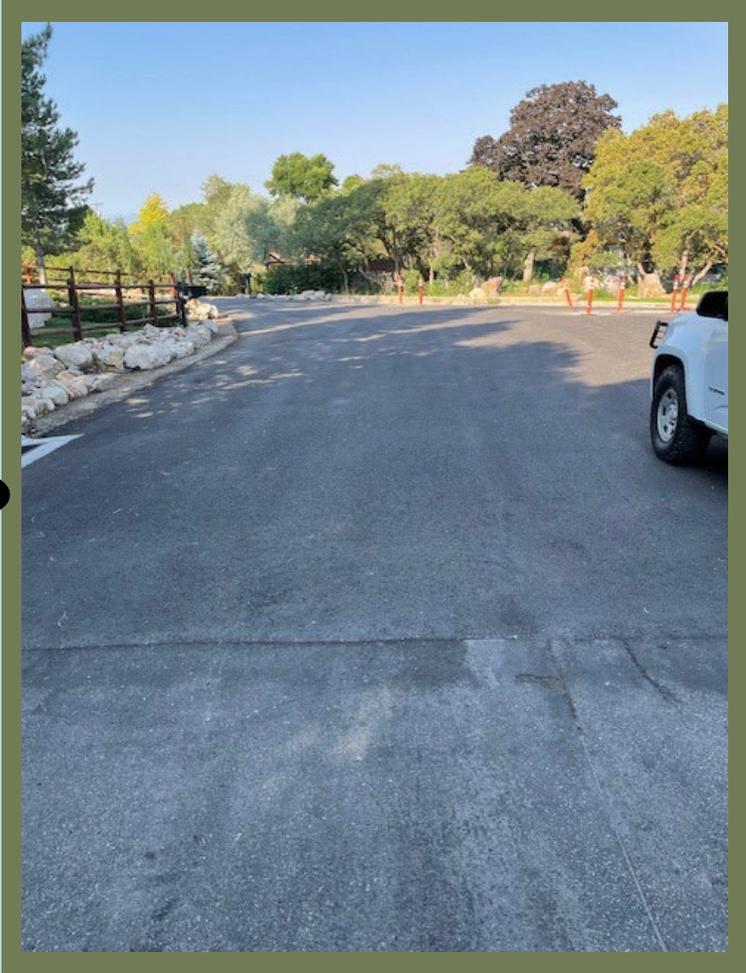
Full Reconstruction

\$\$\$\$

Avg \$9.60 – \$20/sq feet







Cost Breakdown

Approximately 35,000 square feet
Or
0.45 miles long



BUDGET: \$500,000



Slurry Seal

67 Road Segments
Or
30.15 miles



Micropave



42 Road Segments

Or

18.9 miles



Mill & Overlay



5.7 Road Segments

Or



2.57 miles



Full Reconstruction



Or



0.59 miles

179 Miles in Millcreek



Slurry – 5.9 years



Micropave – 9.5 years



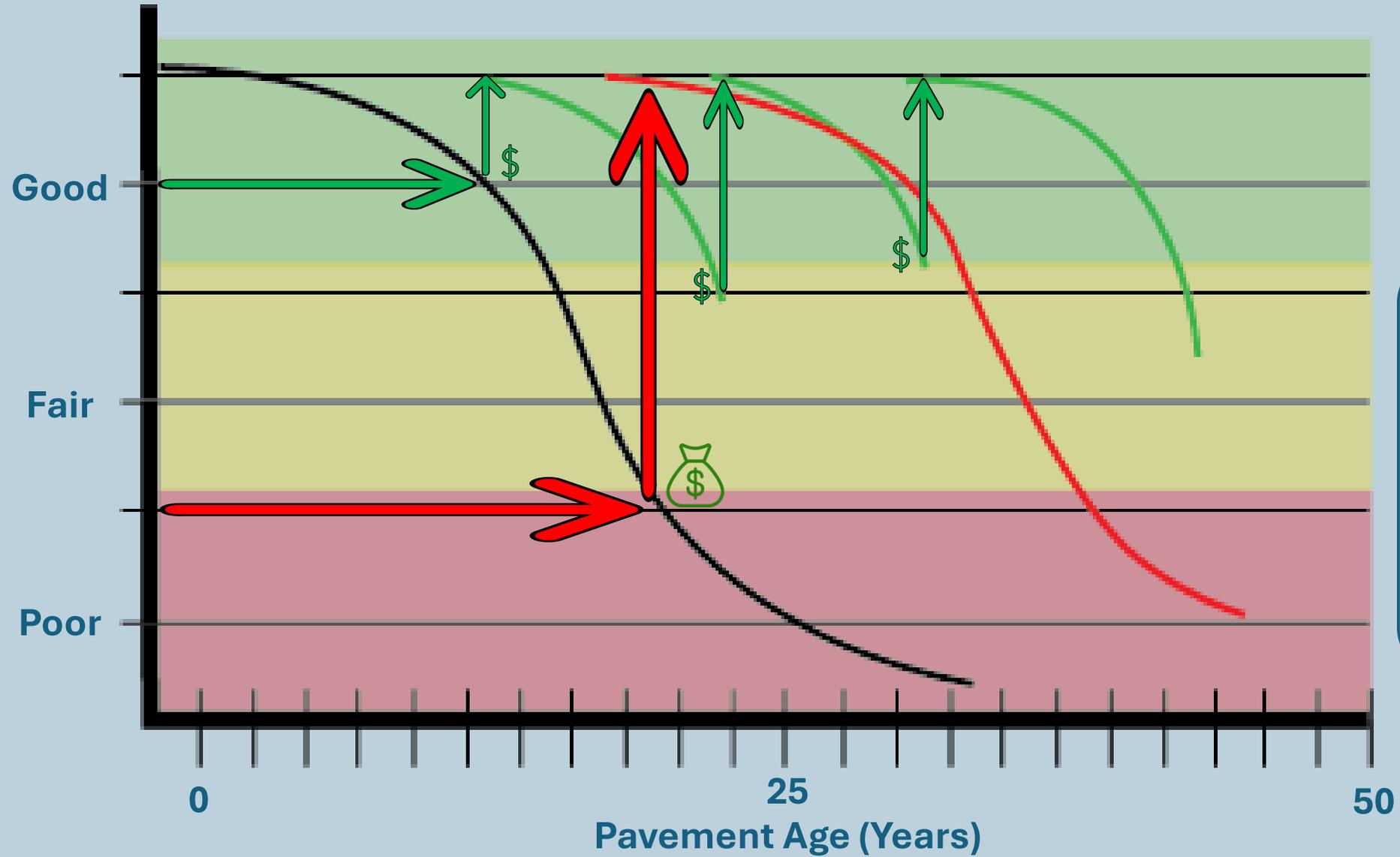
Mill & Overlay – 69.7 years



Full Reconstruction – 303.4 years



Pavement Conditions Index (PCI)



- Original Pavement
- Pavement Preservation
- Major Reconstruction

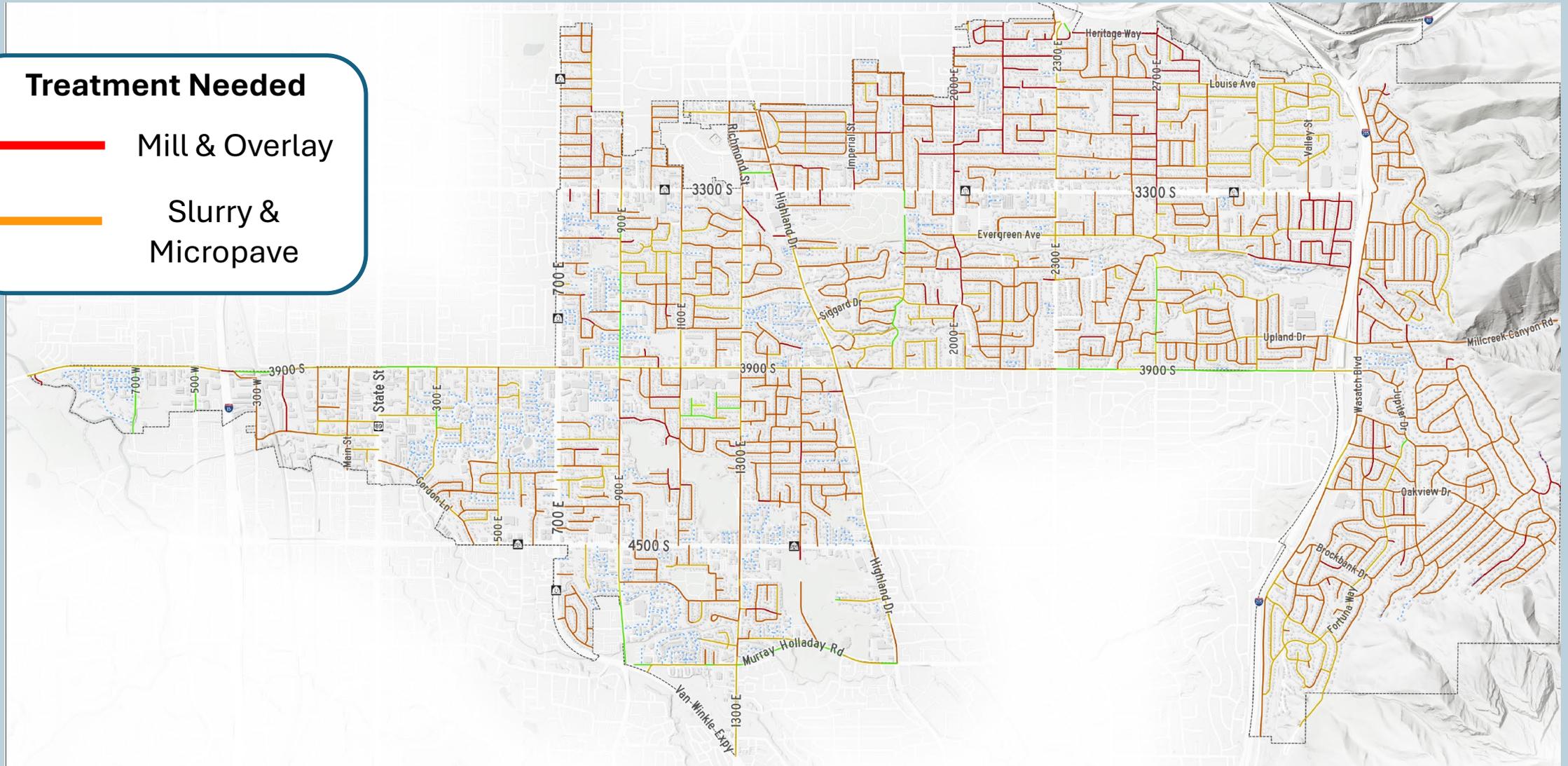


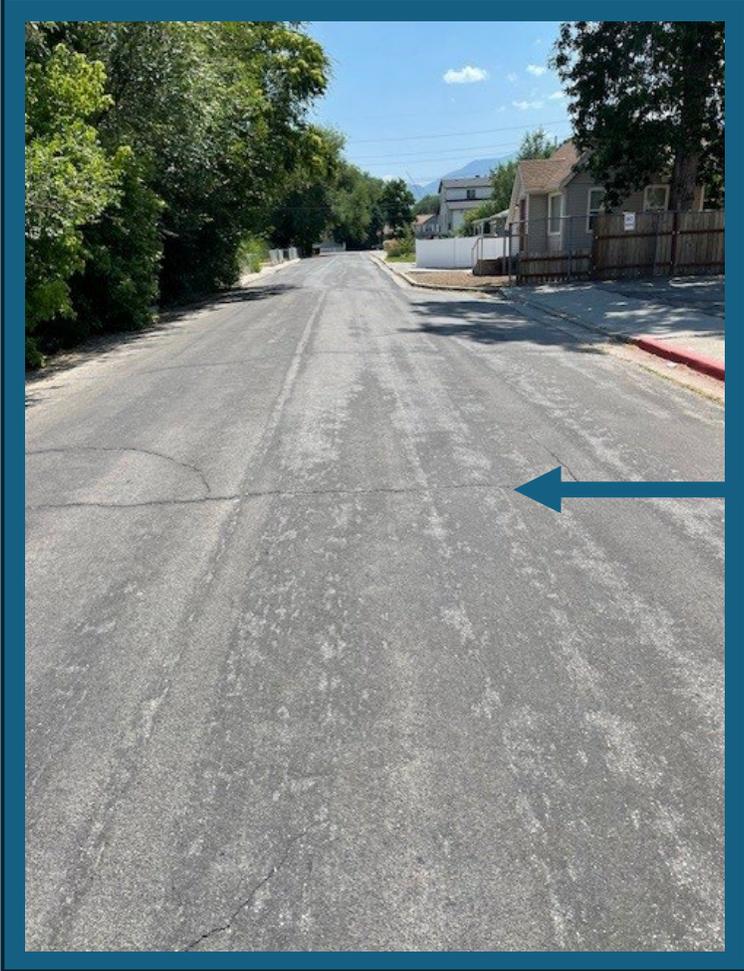
OUR CURRENT SITUATION



Treatment Needed

-  Mill & Overlay
-  Slurry & Micropave





Street Name: Spring View Drive

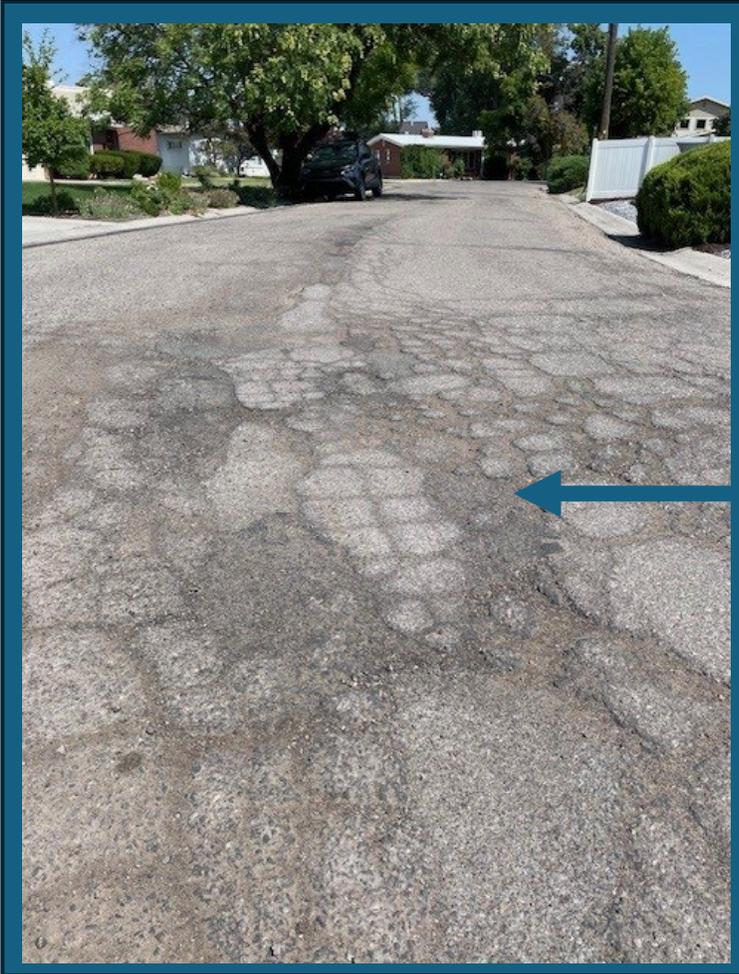
Condition: Pavement preservation

Preservation Type: Slurry seal

Timeframe: 3-4 years

Notes:

- Not high priority roadway
- Exposed cracks
- If not maintained, will need a full mill & overlay in 5 years



Street Name: Marvian Drive

Condition: Major rehabilitation

Preservation Type: Full rebuild

Timeframe: **URGENT**

Current Notes:

- Beyond repairable
- Not high priority roadway
- Not enough budget

Limitations



Labor cost
with SLCounty



Scheduling
issues

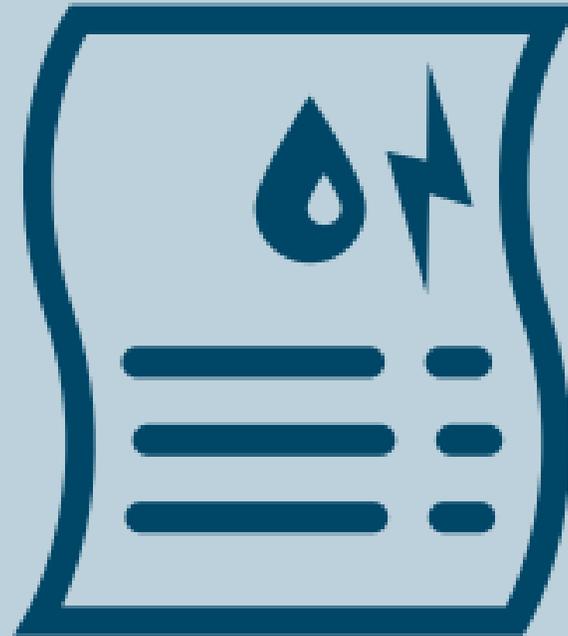


50+ years to
address all
our roads

Pavement Funding Options

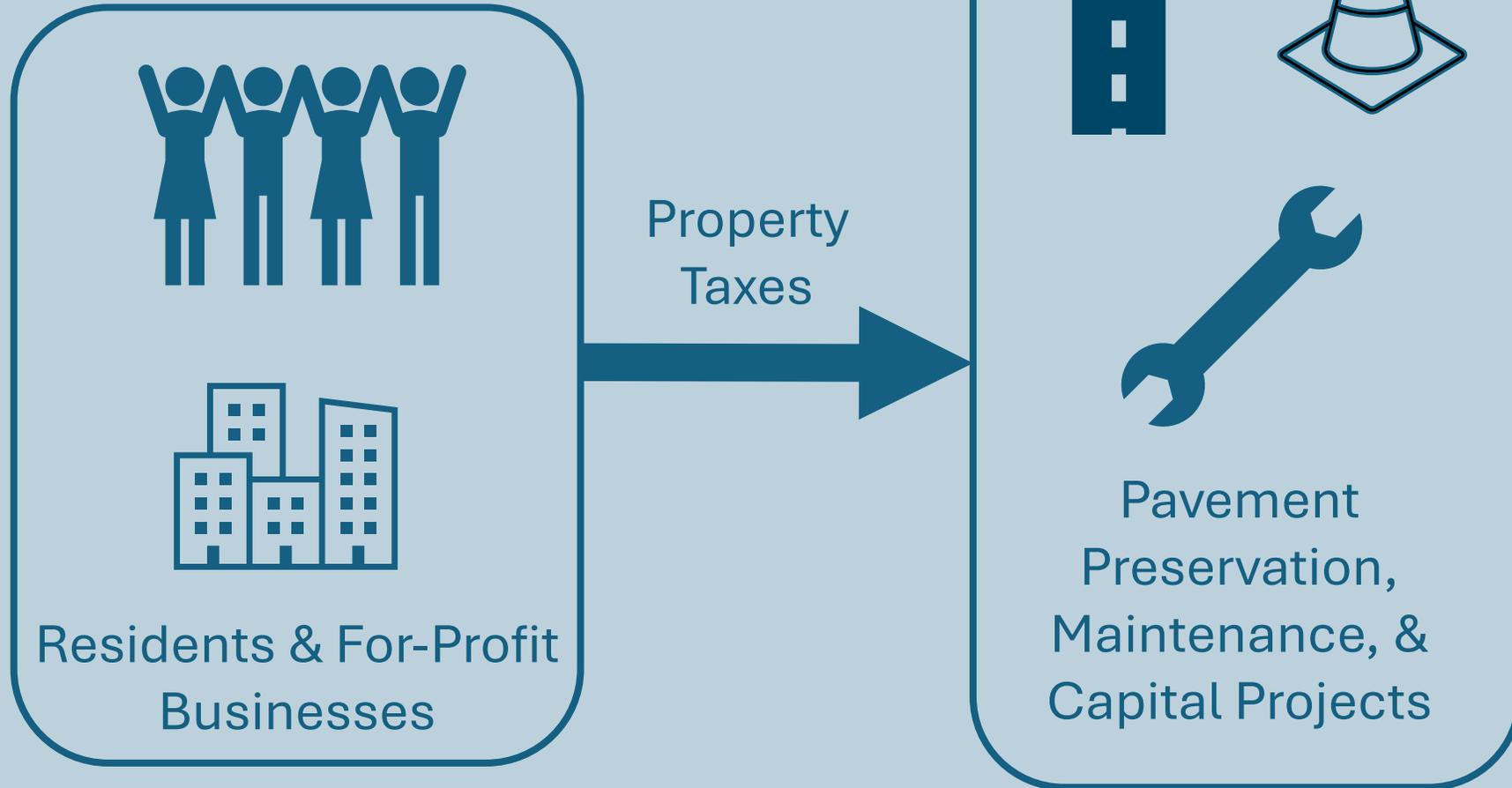


Bonds



Transportation Utility
Fee (TUF)

Bonds



Issues with Bonds



Primarily impacts
residents

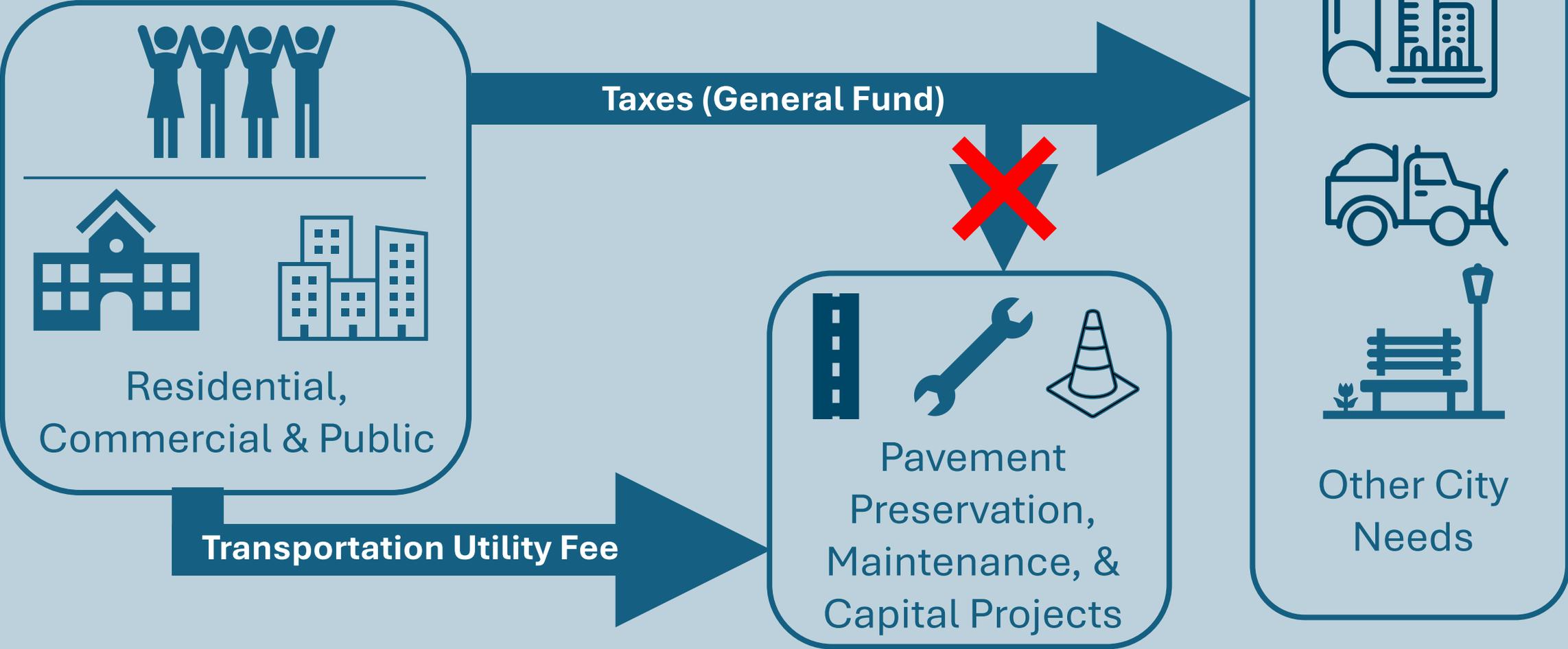


Interest

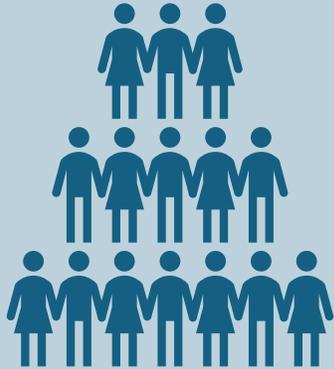


Exhaust
bond after
3–5 years

Transportation Utility Fee



Perks with TUF



Users contributes & shared responsibility



No SLCounty limitations



More consistent maintenance projects



Provo



Provo

Transportation Utility

Transportation Utility	Actual FY 2021	Actual FY 2022	Actual FY 2023	Original Budget FY 2024	Adjusted Budget FY 2024	Tentative Budget FY 2025
Revenue						
Charges for Services	\$ 2,228,255	\$ 2,194,847	\$ 2,194,715	\$ 2,289,000	\$ 2,289,000	\$ 2,340,000
Investment Income	57	62	6,468	-	-	-
Total Revenue	<u>2,228,312</u>	<u>2,194,909</u>	<u>2,201,183</u>	<u>2,289,000</u>	<u>2,289,000</u>	<u>2,340,000</u>
Expenditure						
Utility Transportation	\$ 1,946,301	\$ 2,429,413	\$ 2,698,397	\$ 2,280,000	\$ 2,288,475	\$ 2,300,000
Total Expenditure	<u>1,946,301</u>	<u>2,429,413</u>	<u>2,698,397</u>	<u>2,280,000</u>	<u>2,288,475</u>	<u>2,300,000</u>
Net Change in Fund Balance	282,011	(234,504)	(497,214)	9,000	525	40,000
Beginning Fund Balance	535,969	817,980	583,476	86,262	86,262	86,787
Ending Fund Balance	817,980	583,476	86,262	95,262	86,787	126,787

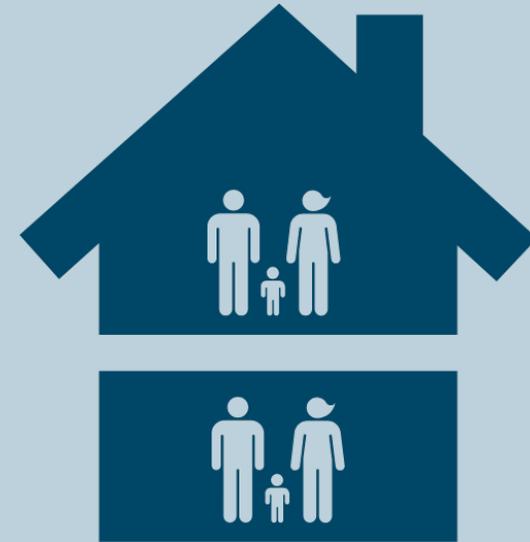


Provo (Residential)

*2013-2024



Single Family
\$3.68



Multifamily
\$2.21

Provo (Commercial)

*2013-2024



Commercial A (<100 Trip)
\$9.98



Commercial C (200 - 599 Trip)
\$79.28



Commercial B (100 - 199 Trip)
\$26.36



Commercial D (600+ Trip)
\$236.78

Provo (Public)

*2013-2024



Public Use A (<300 Trips)

\$21.53



Public Use B (\geq 300 Trips)

\$96.08

Next Steps



Transportation Utility
Feasibility Study



Introduce Study to
City Council



Communication
Outreach Plan

Questions?

