



City of Alameda

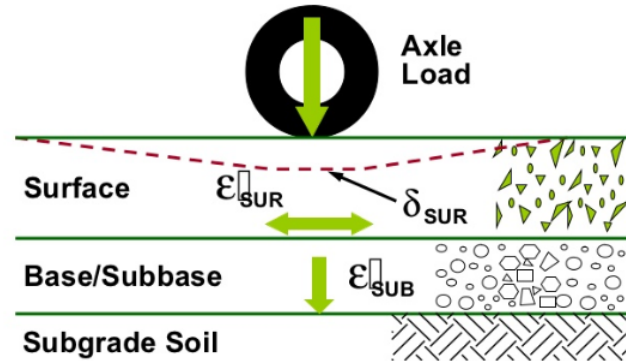
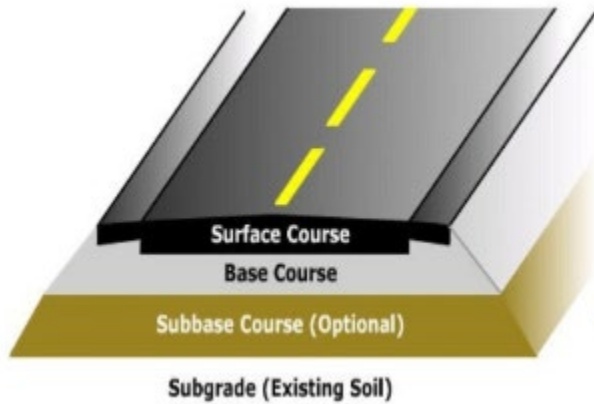
Pavement Management Program

Presented by
Scott Wikstrom, Deputy Public Works Director
September 25, 2024

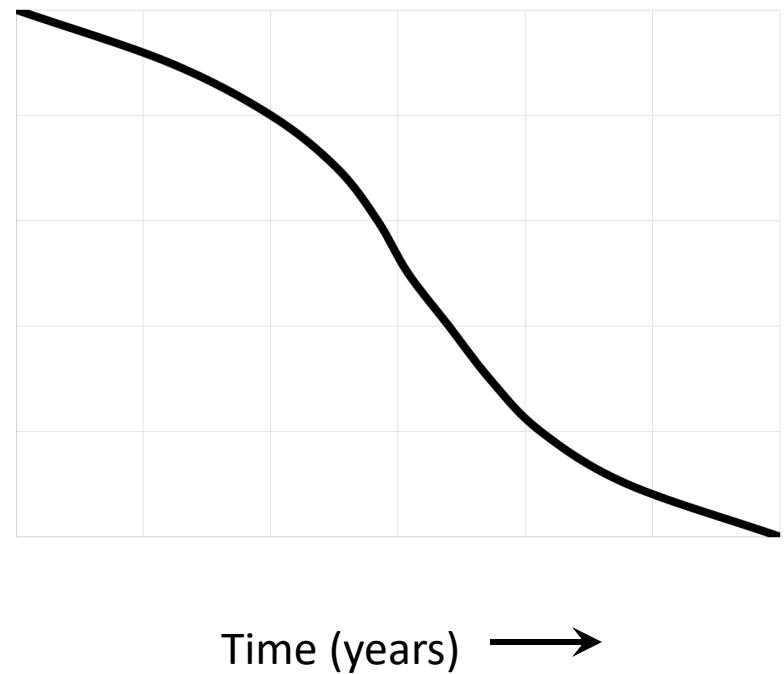
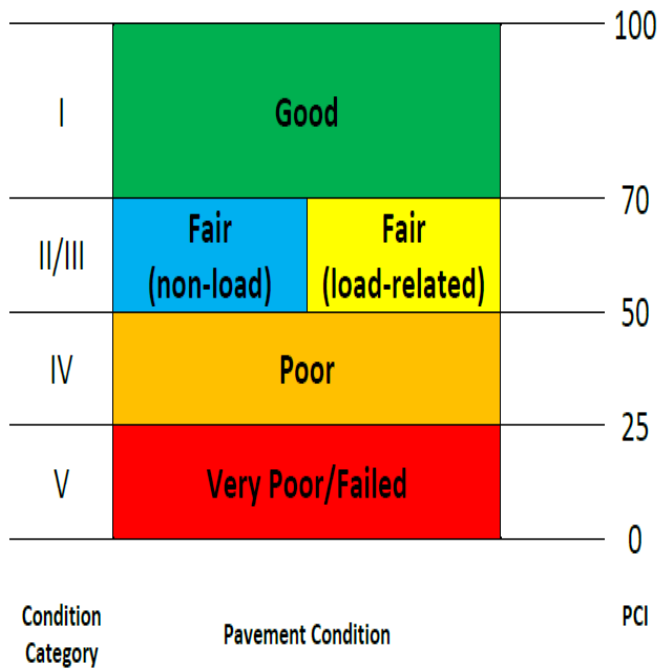
Alameda's Street Network

- 128 Centerline Miles of Roadway
- \$440 Million Replacement Value
- 2023 Pavement Condition Index (PCI) = 68
(2018 PCI was 72)
- Right Treatment, Right Street, Right Time
- Best Streets First!

Pavement Basics



Pavement Condition Index



Pavement Distress – Block Cracking

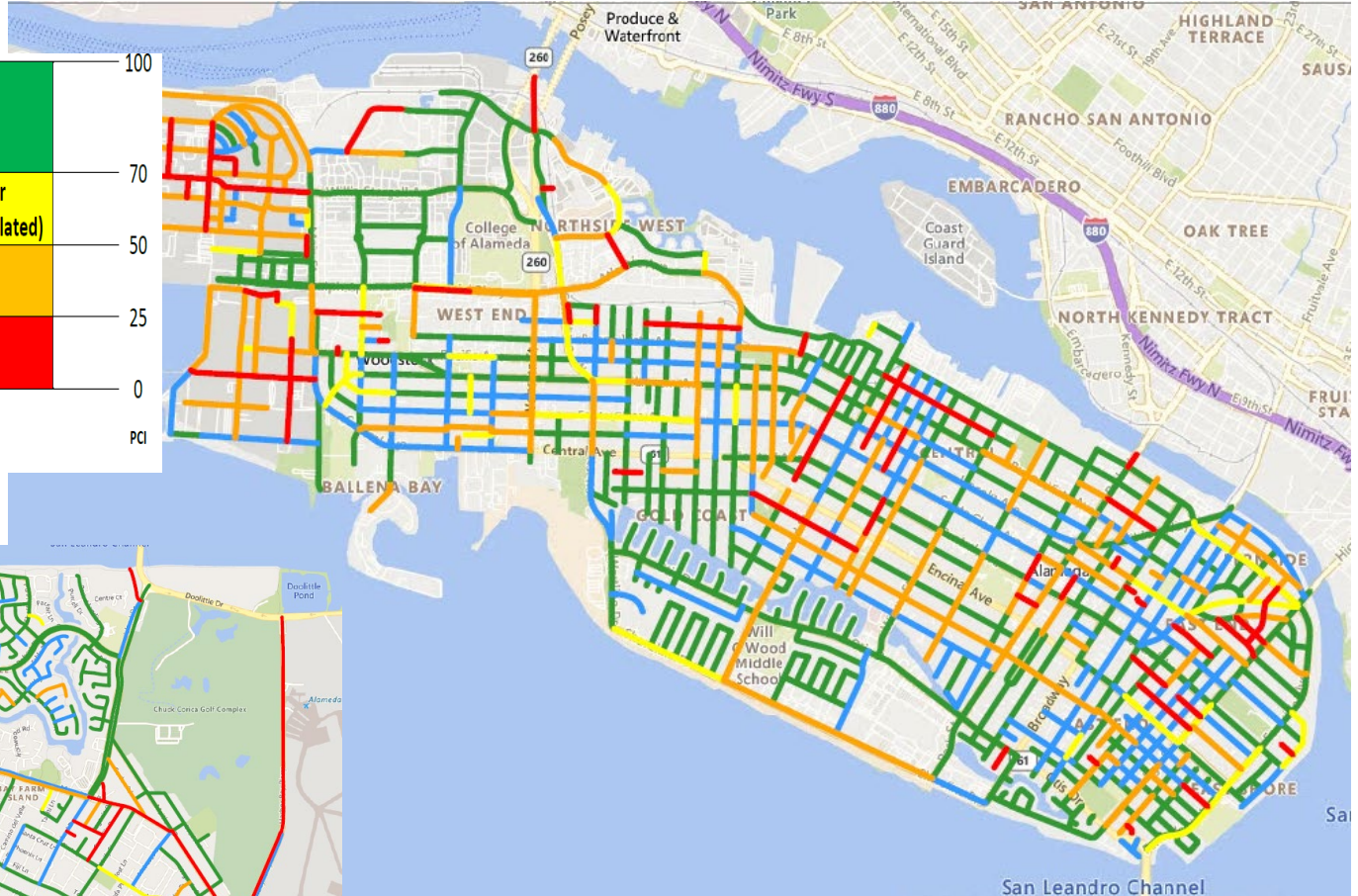


Pavement Distress – Alligator Cracking

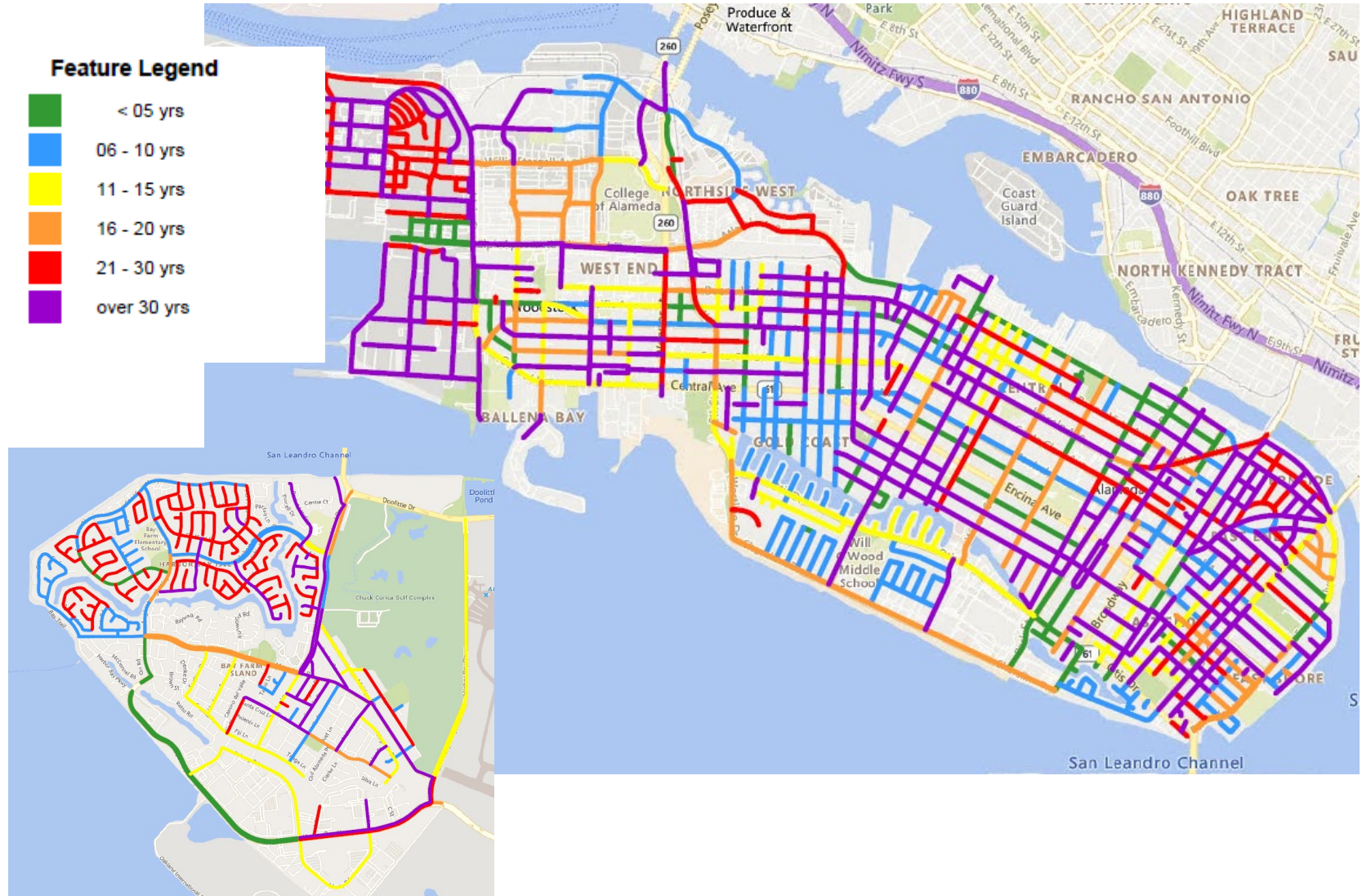


Alameda PCI

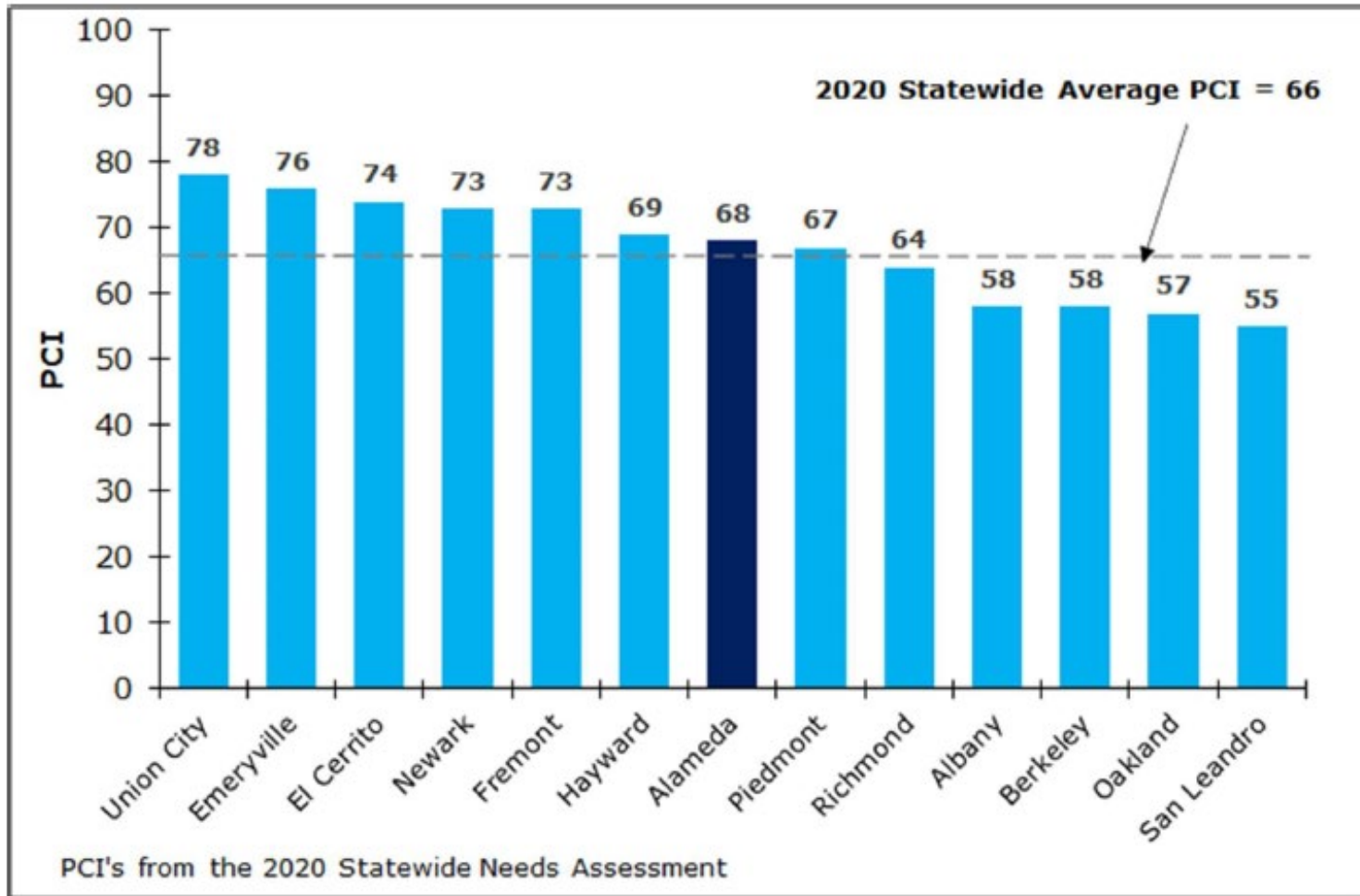
I	Good	
II/III	Fair (non-load)	Fair (load-related)
IV	Poor	
V	Very Poor/Failed	
Condition Category	Pavement Condition	



Alameda Pavement Age



PCI Comparison to Neighbors



Maintenance Strategies



Crack Sealing

Maintenance Strategies



Slurry and Cape Seal

Rehabilitation



Traditional Overlay or Resurfacing

Rehabilitation



Cold In-Place Recycling

Rehabilitation

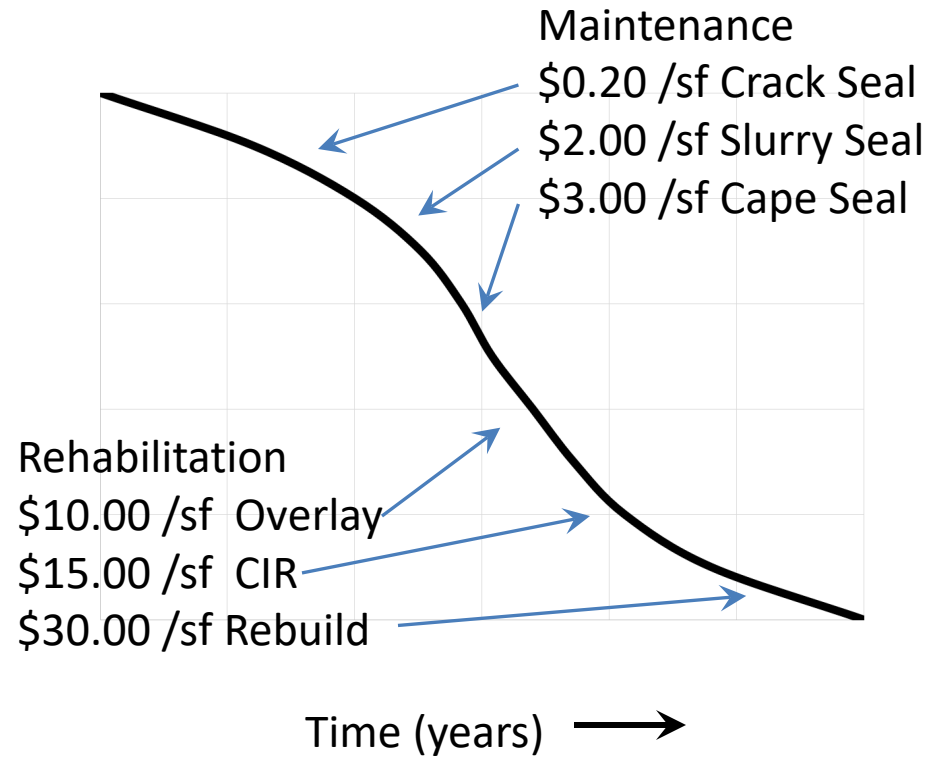
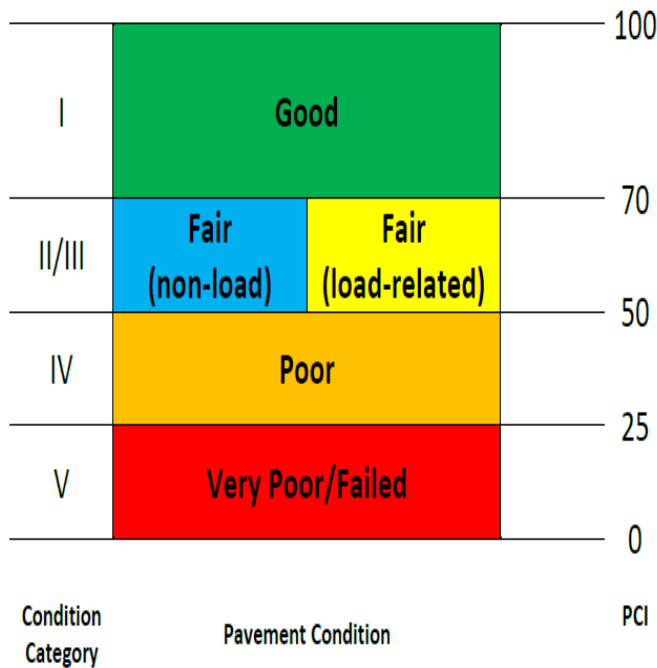


Reconstruction

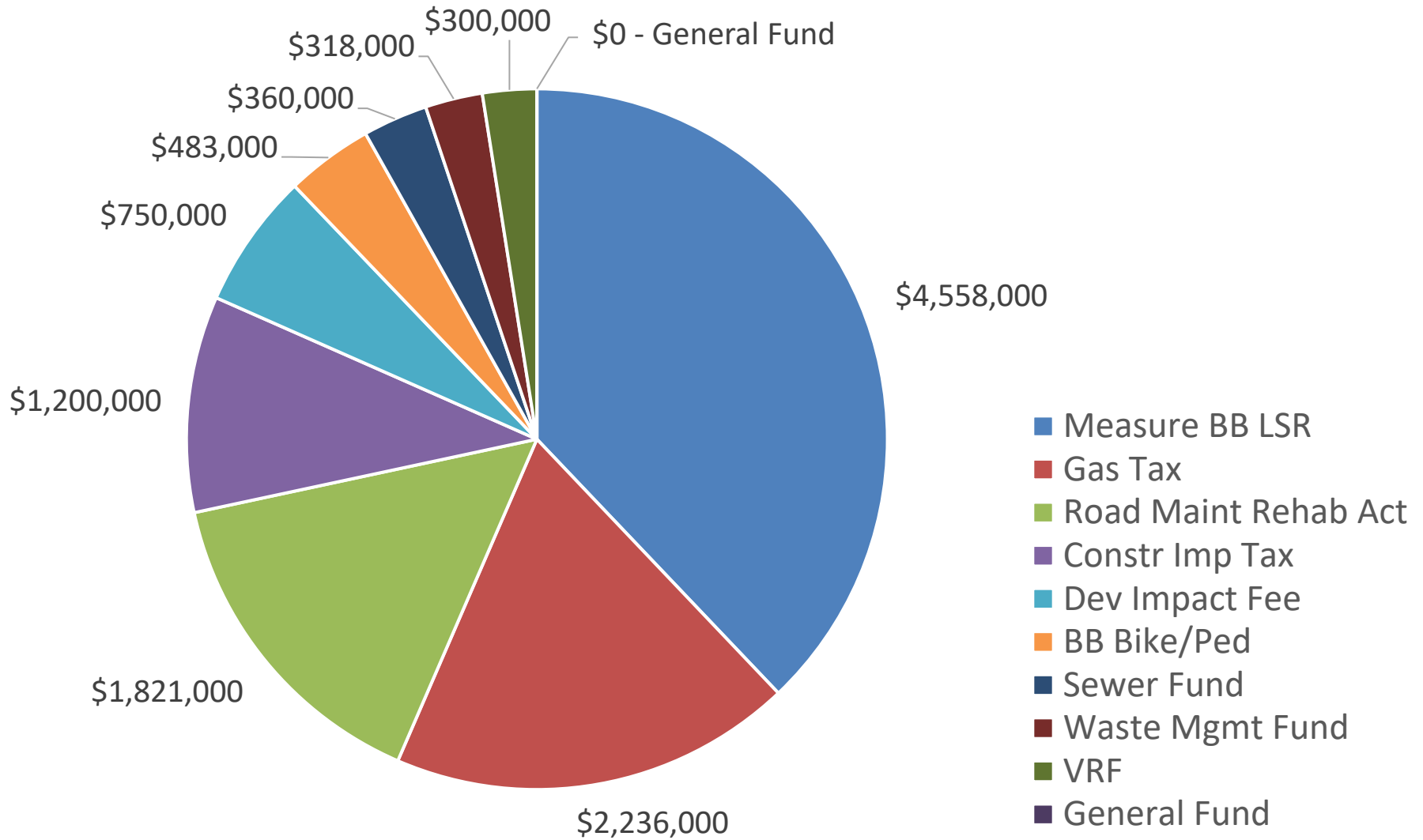
Maintenance and Rehab Costs

- Crack Seal \$0.20 /SF
 - Slurry Seal \$2.00 /SF
 - Rubberized Cape Seal \$3.00 /SF
-
- Overlay (resurface) \$10.00 /SF
 - Cold In-Place Recycling \$15.00 /SF
 - Reconstruct Road \$30.00+ /SF

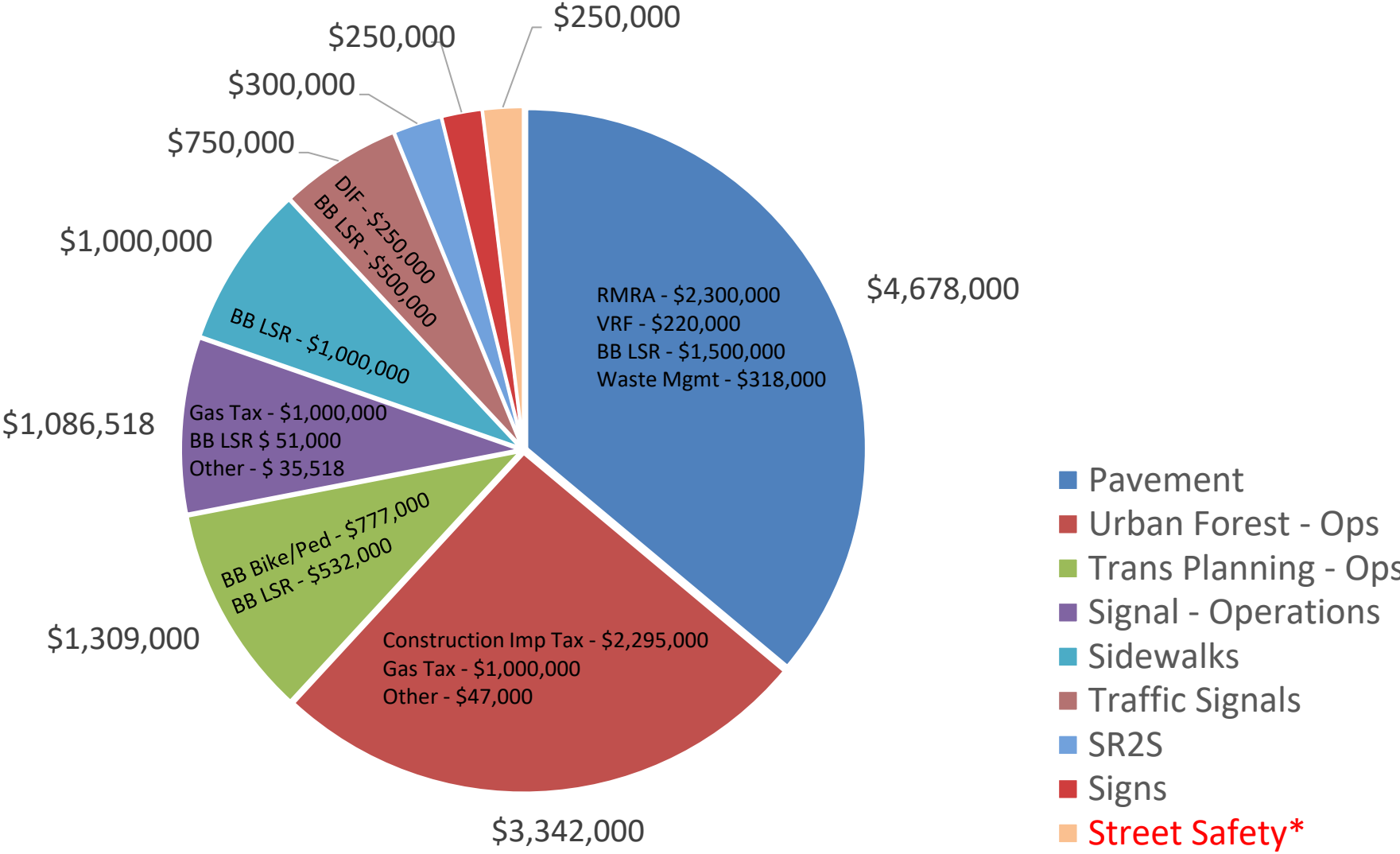
Pavement Condition Index



FY24 Transportation Funding ~\$12M



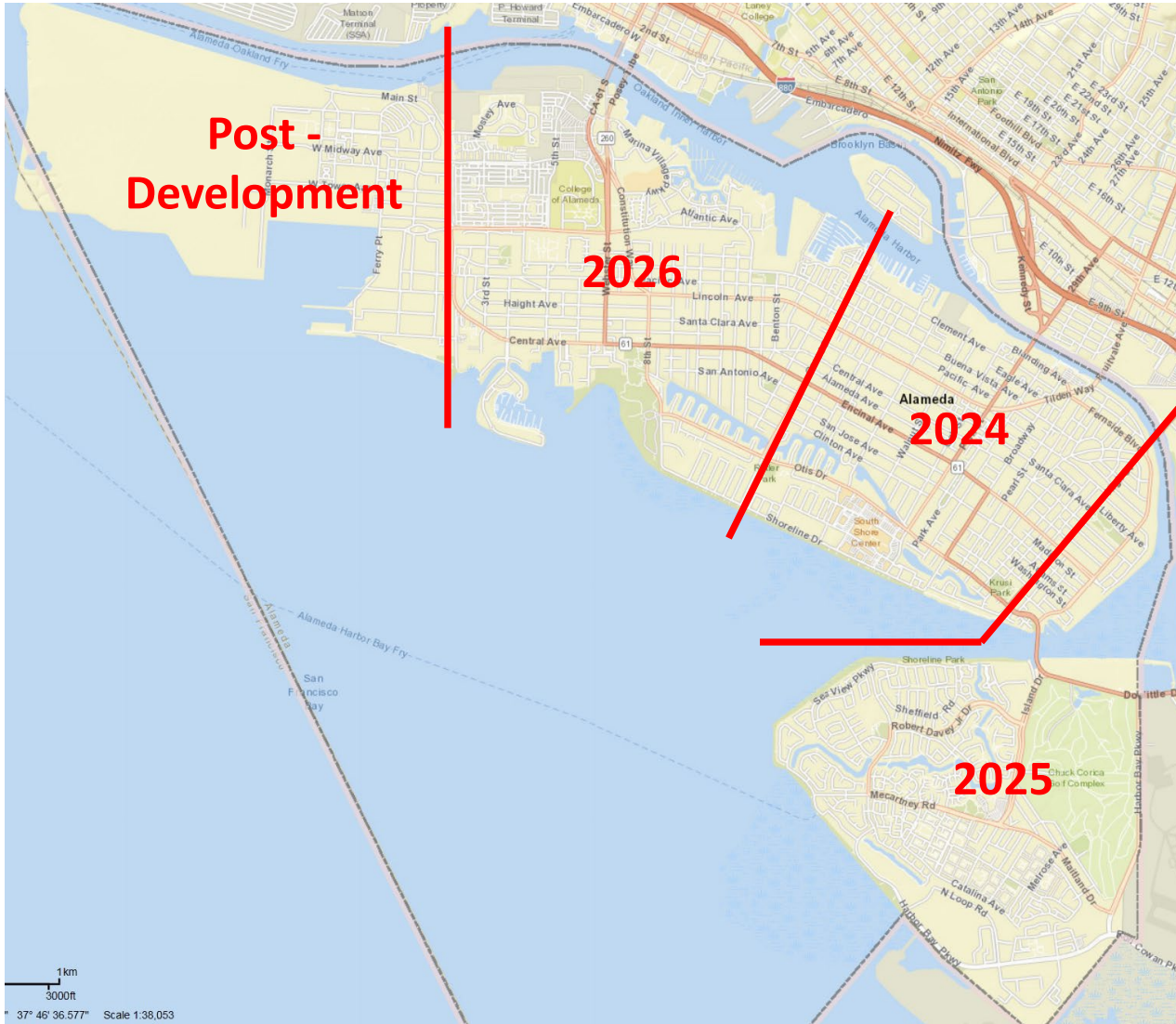
FY24 Trans. Appropriations ~\$13M



Pavement Funding (FY 24-25 Adopted)

• General Fund	(no change)	\$0
• Gas Tax (HUTA)	(other uses)	\$0
• Measure B – LSR	(2000 – expired)	\$0
• Integrated Waste Fund		\$318,000
• Sewer Fund		\$373,000
• Measure F – VRF	(2010)	\$300,000
• Measure BB – LSR	(2014)	\$1,500,000
• Gas Tax (RMRA)	(2017)	\$2,000,000
		<hr/>
	Total	\$4,491,000

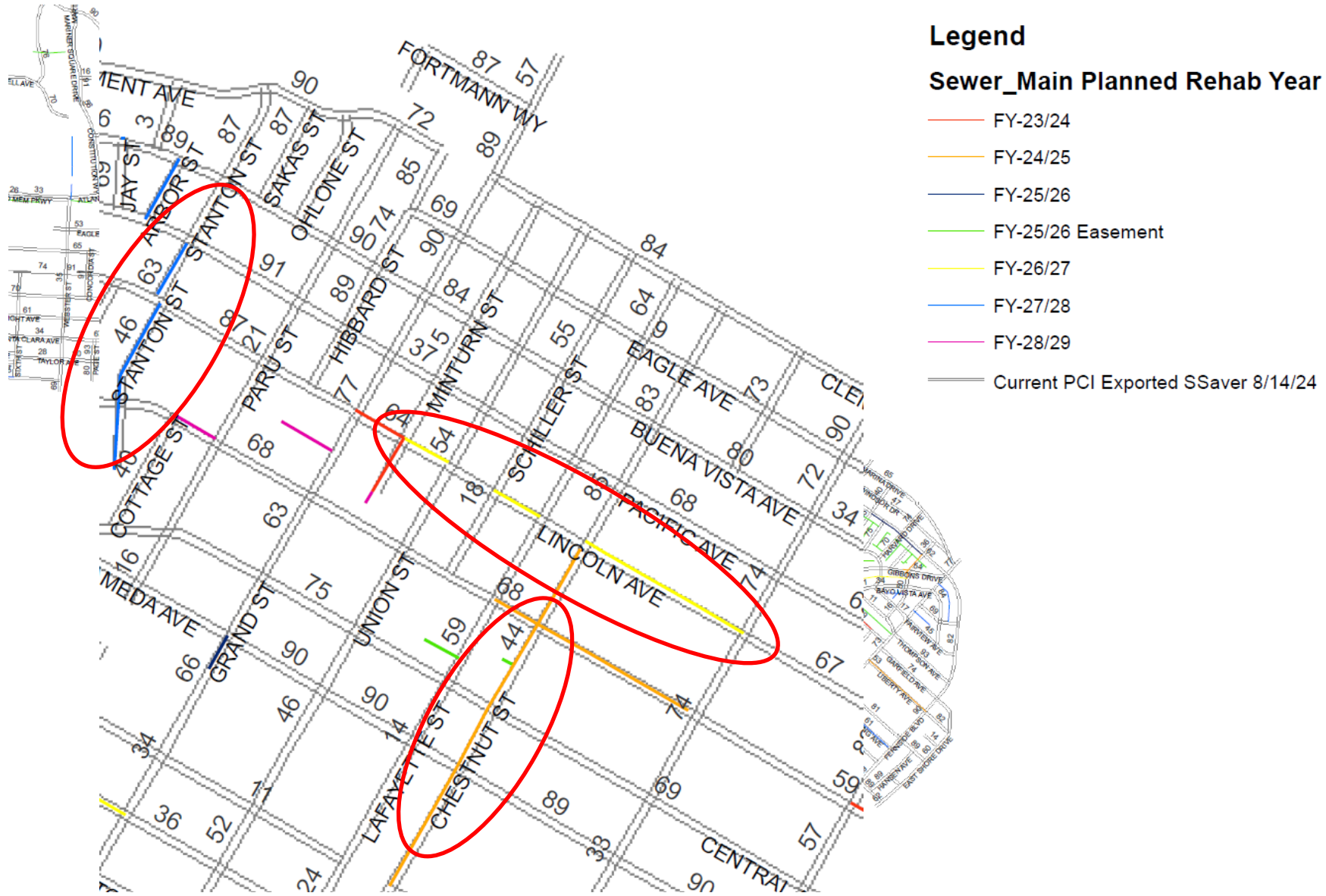
Street Selection Process



Other Considerations - Sewers



Other Considerations - Sewers



Other Considerations – Vision Zero

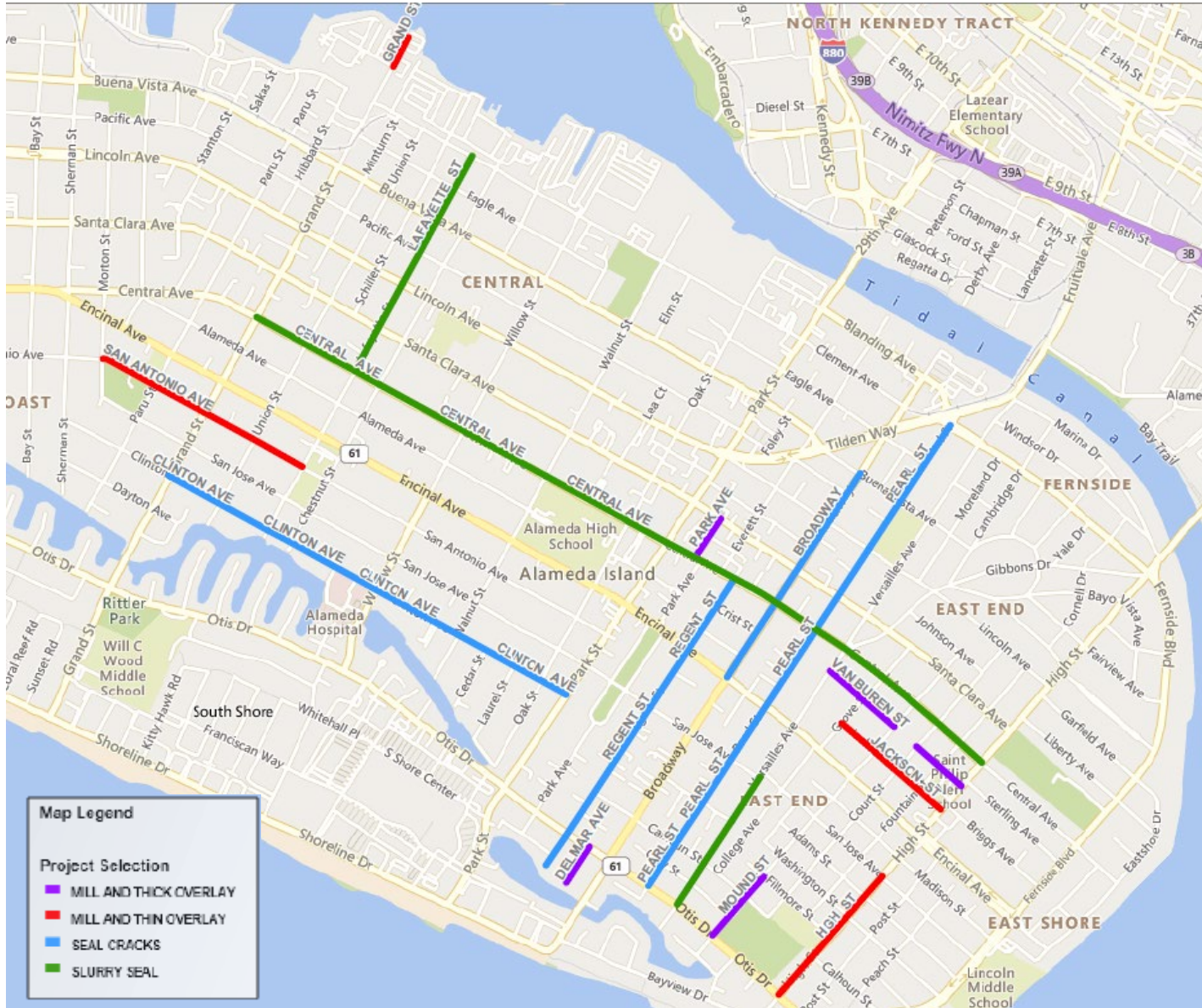
The high injury corridors map is a useful tool for focusing design improvements and other roadway safety strategies to where they are likely to have the largest impact on improving safety for all users.



Other Considerations – Vision Zero

- Daylighting of Intersections
- High Visibility Crosswalks
- Advanced Stop Bars
- Paint and Post Bulb-outs
- Bike Lanes

2024 Paving Plan



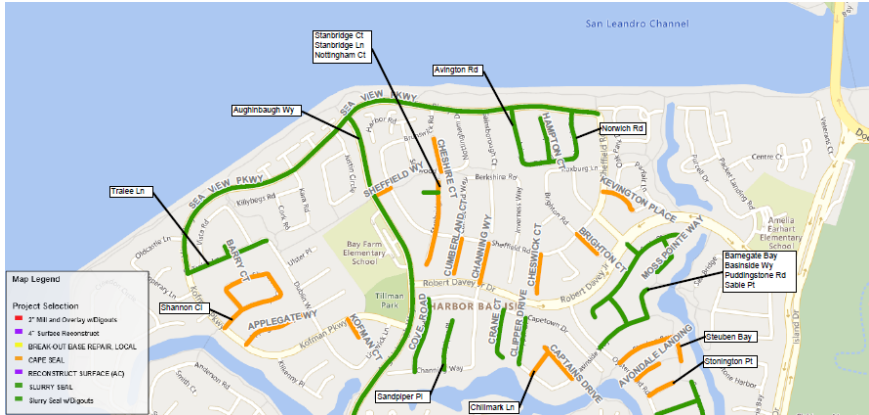
2024 Paving Plan



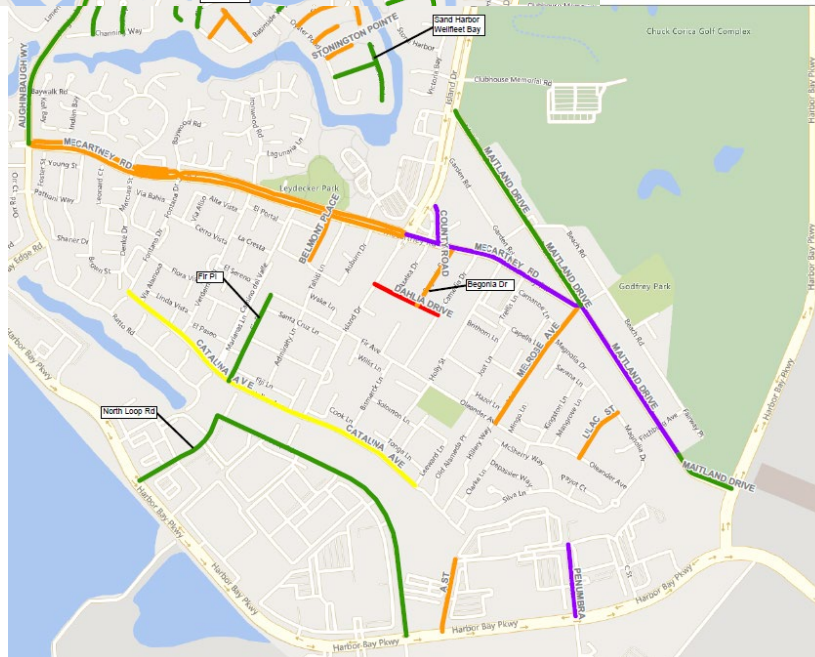
2024 Paving Plan



2025 Paving Plan - **DRAFT**



Bay Farm Island –
AKA Cape Seal Island



Key Streets:
Maitland Drive
Mecartney Road
Aughinbaugh Way

Streets in need of Attention

- Park Street south of Santa Clara
- Atlantic east of Webster
- Harbor Bay Parkway south of Doolittle
- Challenger Drive
- Grand Street south of Encinal
- Buena Vista, Willow to Park
- Fernside, Otis to Central
- Fernside, Tilden to High
- Numerous local streets

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- Funding?

Questions?