

Report on Pavement Maintenance Conditions, Funding, and Program Delivery Strategy



“Grading” San Jose Street Conditions

Major Streets (944 miles; PCI 75)

A, B 68%
Good to Excellent

C 22%
At Risk to Fair

D, F 10%
Poor to Failed

Local Streets (1490 miles; PCI 60)

A, B 35%
Good to Excellent

C 35%
At Risk to Fair

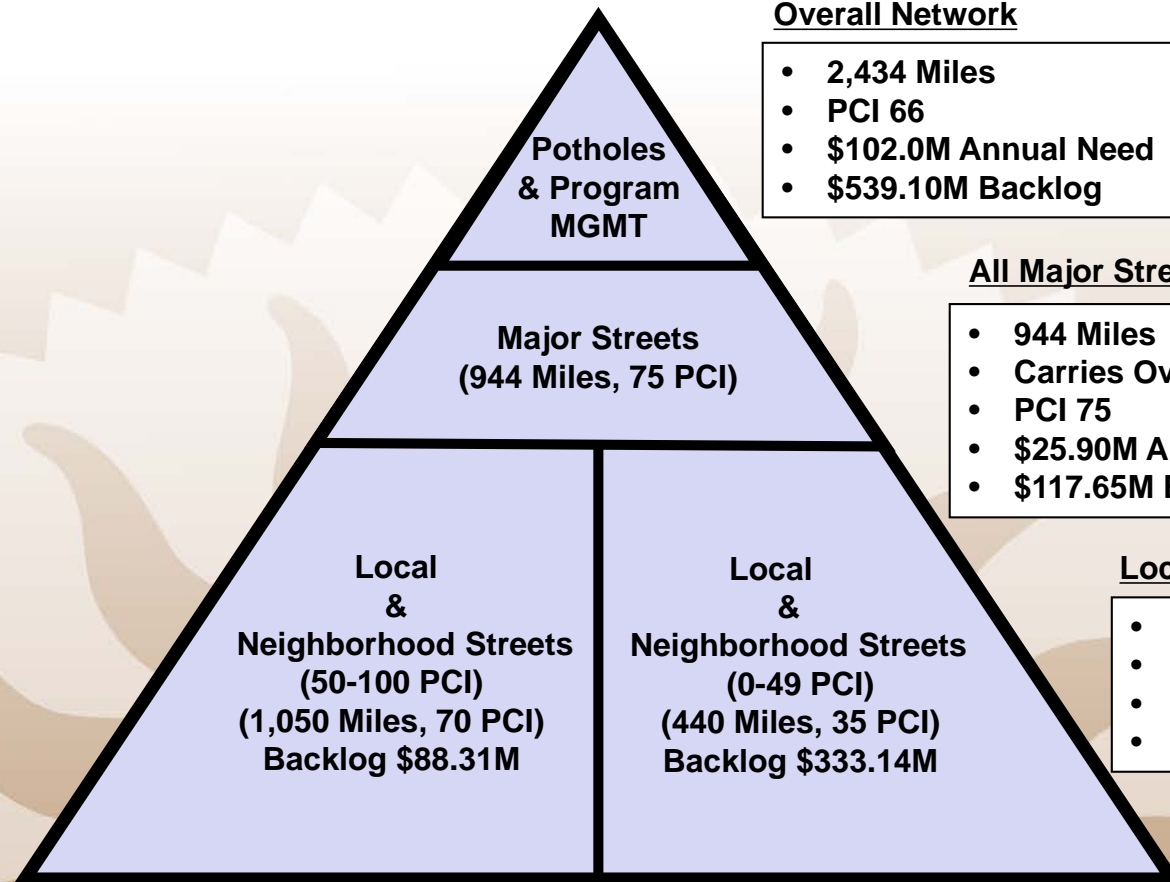
D, F 30%
Poor or Failed

“Grades” based on 2018 PCI Ratings

Pavement Condition Overview

Street Network	Miles	2018 PCI	2019 PCI	Total PCI Change
Major	944	75	75	0
Local/Neighborhood	1,490	61	60	-1
<i>Combined</i>	<i>2,434</i>	<i>67</i>	<i>66</i>	<i>-1</i>

Pavement Needs and Funding



Overall Network

- 2,434 Miles
- PCI 66
- \$102.0M Annual Need
- \$539.10M Backlog

All Major Streets

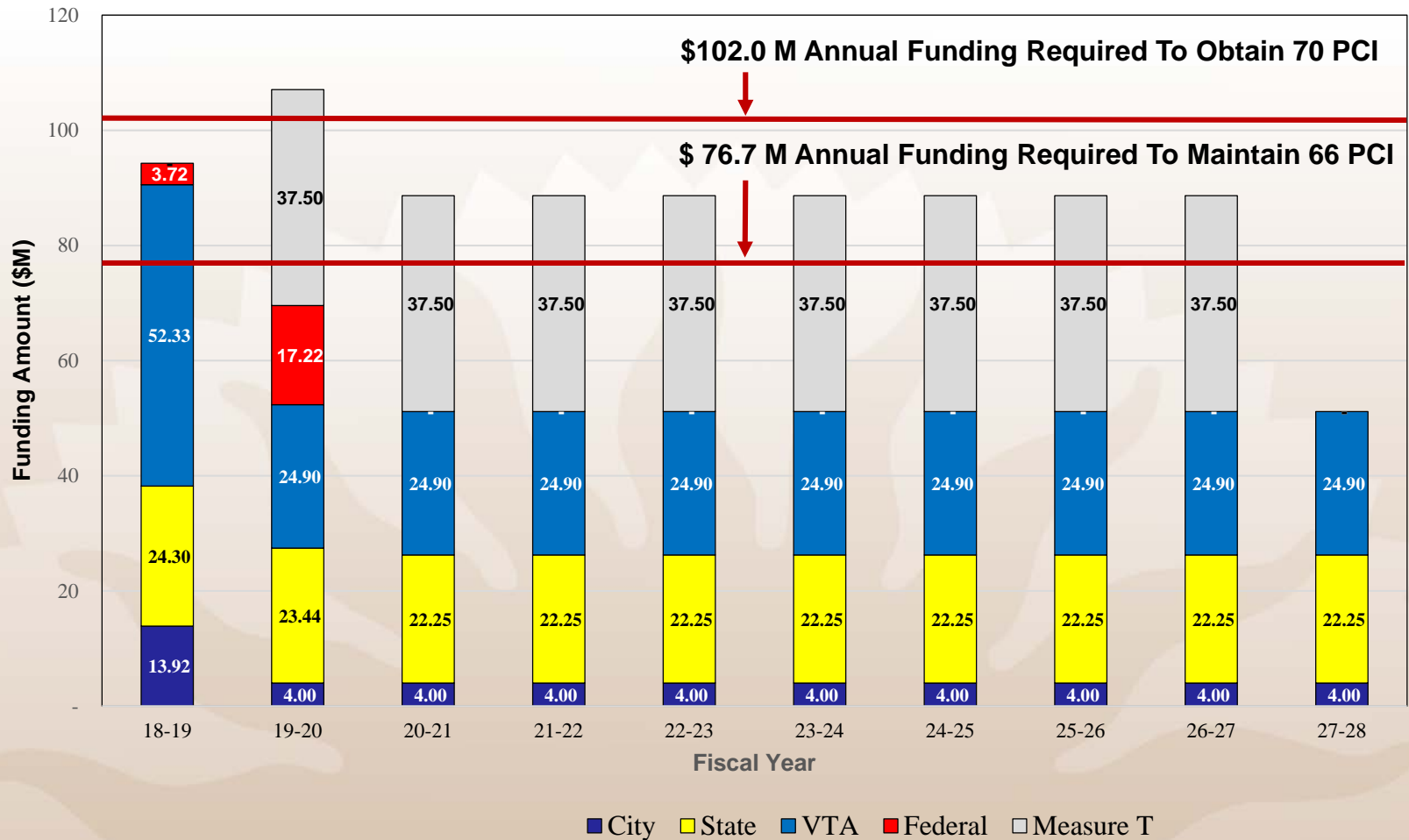
- 944 Miles
- Carries Over 85% of Traffic
- PCI 75
- \$25.90M Annual Need
- \$117.65M Backlog

Local Streets

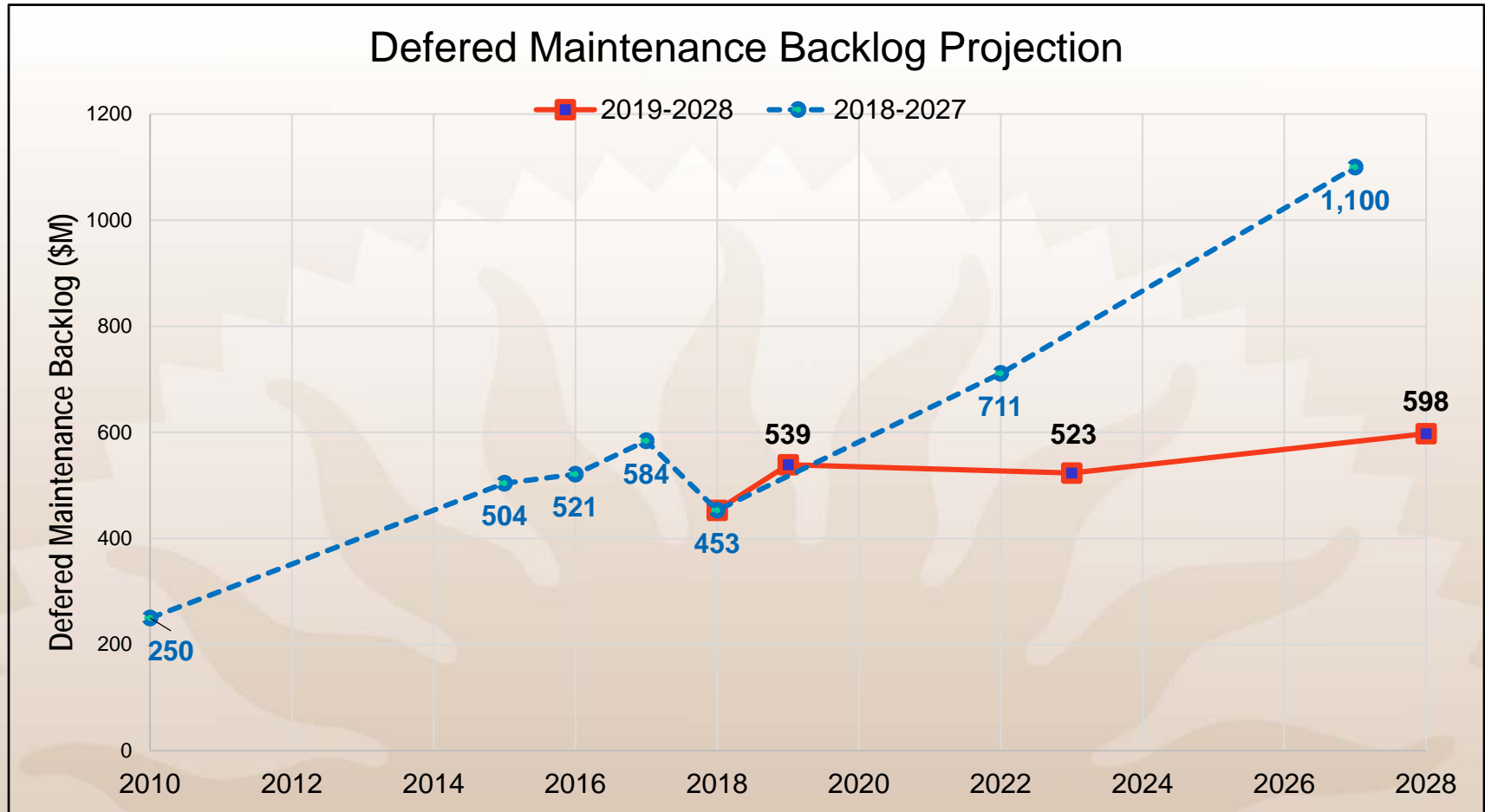
- 1,490 Miles
- PCI 60
- \$69.10M Annual Need
- \$421.45M Backlog

10-Year Funding Status

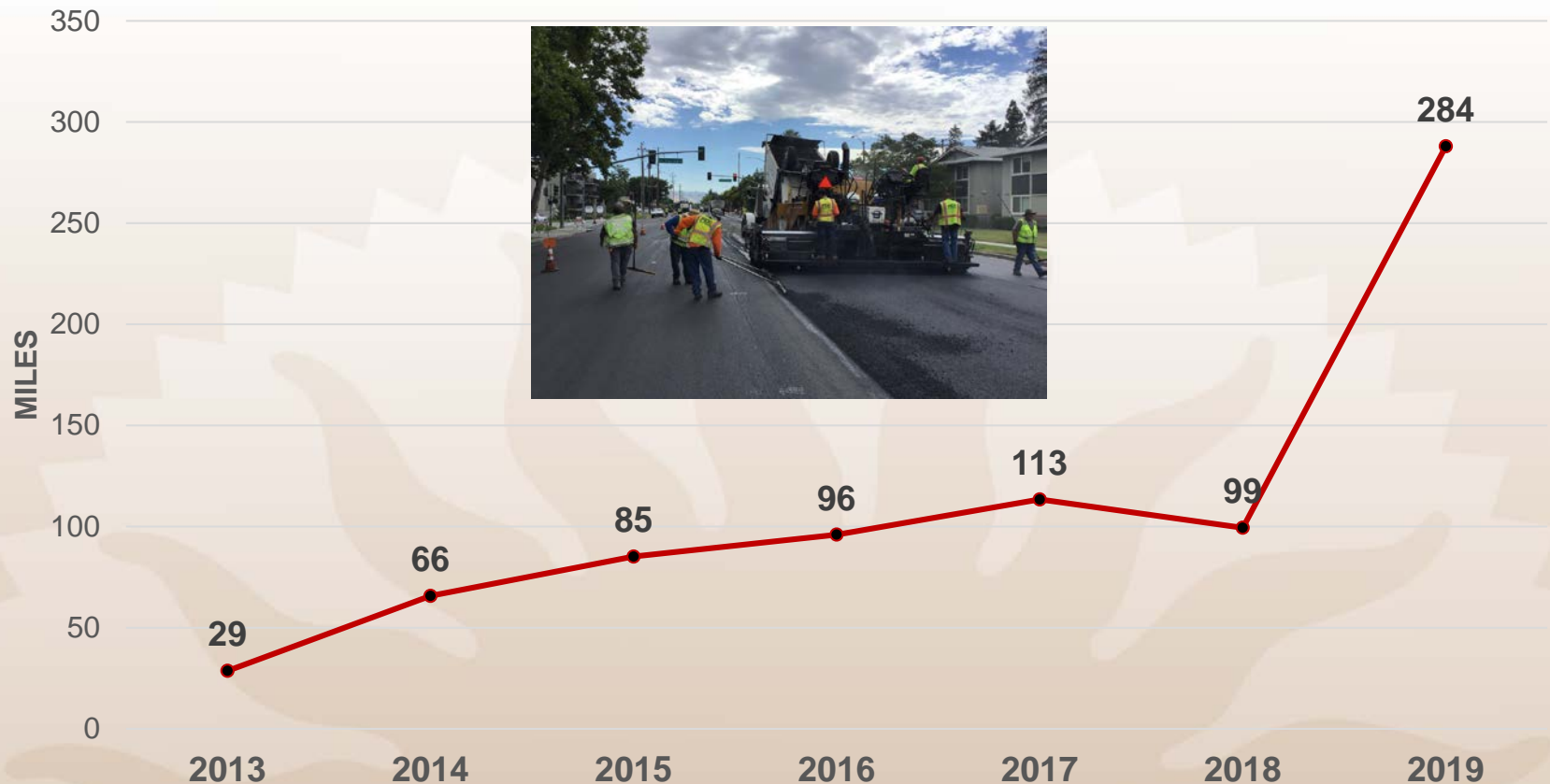
Pavement Funding Projections



Cost to Recover Based on Current Funding Level



Pavement Production History



Pavement Pipeline: 2019 Season

Major Streets Award Date	Project	Miles
February 26	Concrete and ADA Ramps # 1 (Sealing Prep)	
March 5	Concrete and ADA Ramps # 2 (Sealing Prep)	
March 26	Asphalt Concrete Remove Replace (Sealing Prep)	
April (early)	Arterial Resurfacing # 1	16
April (mid)	Arterial Resurfacing # 2	14
April (late)	Street Sealing	58
Total Major Streets		88
Local & Neighborhood Streets Award Date	Project	Miles
May (mid)	Concrete and ADA Ramps (Sealing Prep)	
	Local Streets Sealing #1	97
	Local Streets Resurfacing (North)	14
May (late)	Local Streets Sealing #2	73
	Local Streets Resurfacing (South)	12
Total Local & Neighborhood Streets		196
Total Combined Major + Local & Neighborhood		284

Local & Neighborhood Streets - Examples



Chris Dr: PCI 90, 2010 2" Overlay



Babe Ruth Dr: PCI 66, 2011 Cape Seal



St Lawrence Dr: PCI 43, 2003 Chip Seal

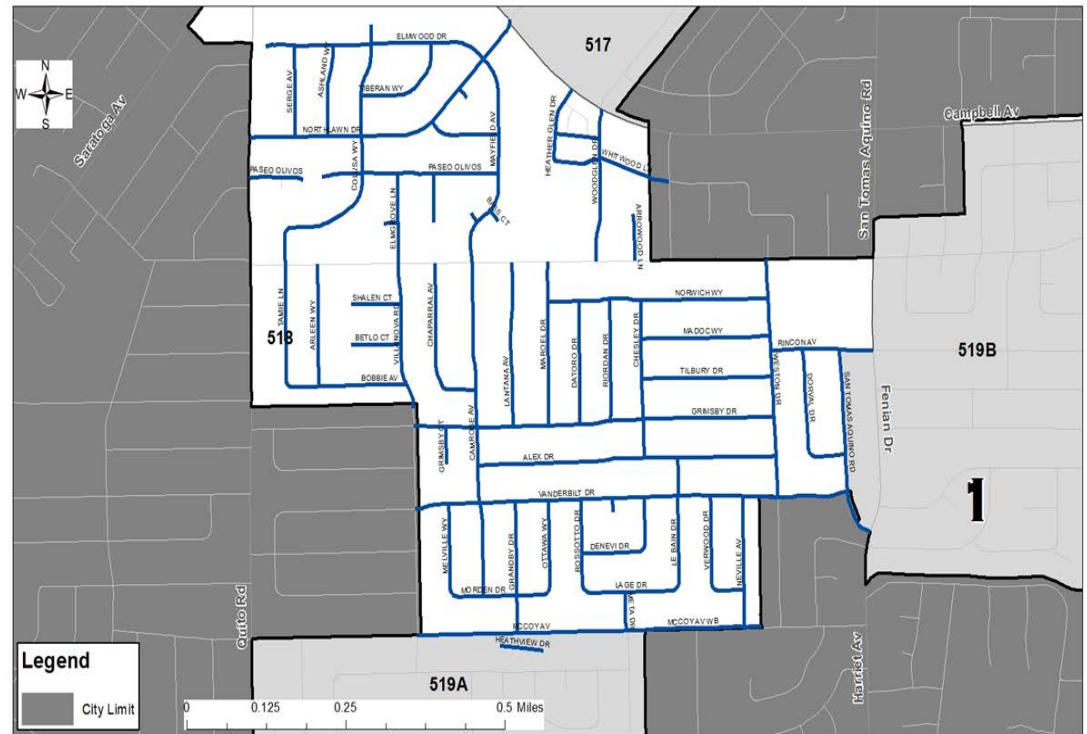


Santa Ana Ave: PCI 21, 1990 Chip Seal

Local & Neighborhood Streets

135 Pavement Maintenance Zones

- Geographically contiguous
- Efficient planning and delivery of paving projects
- Maximize work completed in a neighborhood area
- Provide geographic equity across the City.



Local & Neighborhood Streets

2019 Projects

- 5 projects (1 prep, 2 sealing, 2 resurfacing)
- Address nearly 200 miles (19 zones)
- Two years of accumulated Measure B Funds (approx. \$42.8 million)
- Two years of planned production in one construction season (FY 17-18, 18-19)
- Focused on maintenance zones “at risk” to maximize cost-effective treatment
- Project scopes and estimates near completion



Local & Neighborhood Streets

Augmented by Measure T: 2020-2028

- 1,295 miles in 116 Zones not maintained in 2019 (estimated)
- Leverage all funding sources to appropriately maintain all residential streets by 2028
- Continue to Factor:
 - Street condition
 - Planned development and safety projects
 - Community and council feedback
 - Multi-year geographic equity across the City and Street Network
- Commence in 2020 construction season



Our New Reality

- **Investments have yielded results**
 - Major Streets have maintained an average 75 PCI
- **Funding has significantly improved**
 - Sufficient to properly maintain Major Streets network in “good” condition
 - Goal to ensure all Local & Neighborhood Streets will be maintained by 2028
 - PCI projected to increase to 69 (+3) by 2028
- **DOT ready to deliver**
 - 284 miles of street pavement projects in 2019
 - Building capacity to plan, procure and deliver in 2020 and beyond



Sixteenth St, post-resurfacing 2018



Willow St, post-resurfacing 2018