



Community Development & Infrastructure

County of Santa Cruz Department of Public Works Presentation to SCCRTC

October 5th, 2023
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Assistant Director of Public Works

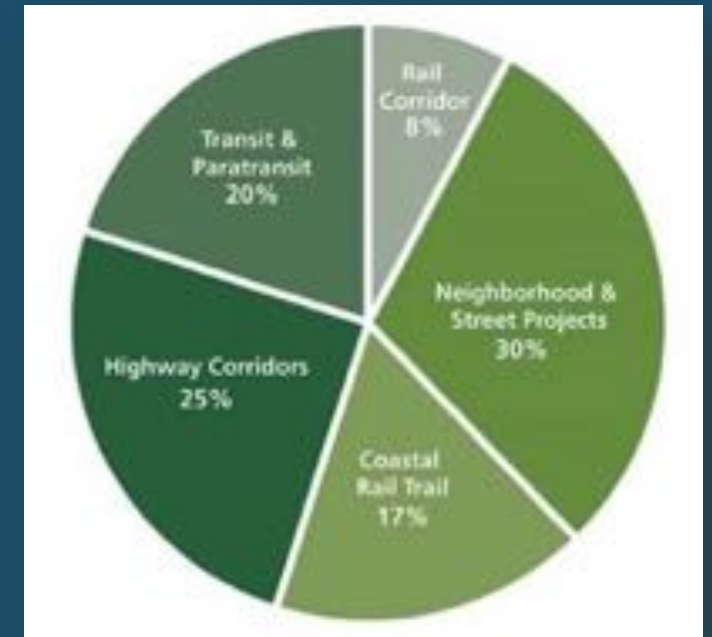
Agenda

- **Measure D Program Update**
- **Completed Projects Since Last RTC Update**
- **Projects in Construction**
- **Projects in Development**
- **Future Needs**



Measure D Program UPDATE

- **Passed by Voters November 2016**
- **County Receives Share of Neighborhood Streets Portion**
- **Current Yearly County Share Approx. \$3.8 Million**
- **County has used primarily for resurfacing of local roads**
- **Have put out a resurfacing project each year since 2018**
- **43 miles resurfaced (2018-2023), averaging 7.2 miles/yr**



2018 Resurfacing Project

2018 Project Areas:

- Miller Hill / Miller Cutoff
- La Selva Beach Area
- Martin Rd.
- Casserly Bridge
- Downtown Boulder Creek



2019 Resurfacing Project

2019 Project Areas:

- Live Oak Area
- Rio Del Mar Beach Flats
- Martin Rd.
- Downtown Ben Lomond



2020 Resurfacing Project

2020 Project Areas:

- Thurber Area
- Seacliff Beach Area
- Lakeview Rd.
- Downtown Felton



2021 Resurfacing Project

2021 Project Areas:

- Merlin Way Streets
- Corralitos
- Lakeview Rd.
- Boulder Creek



2022 Resurfacing Project

2022 Project Areas:

- 7th/ Thurber/ Portola
- Rio Del Mar/ Soquel
- Ben Lomond



2023 Resurfacing Work

(2023 Pavement Management Project + East Cliff Sanitation Project)

2023 Measure D Funded Work:

- East Cliff Dr
- Portola Dr
- 13th Ave
- Seacliff Area
- Oceanview Area
- Green Valley Rd
- Paulsen Rd
- Felton Area
- Ocean St Ext
- Quail Hollow Rd



Green Valley Rd Multi-Use Path

Airport Blvd to Mesa Verde Dr

Project Details

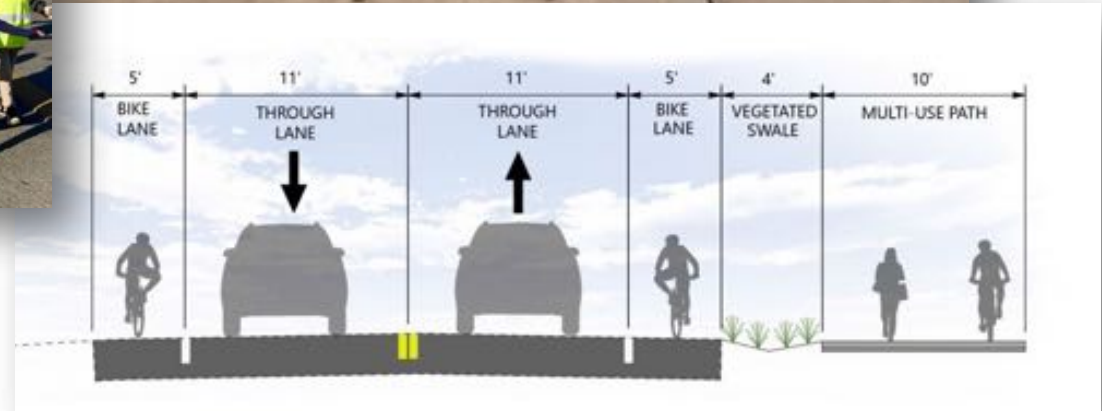
- 8-10' Wide Bike & Ped Path
- 2 Miles Long

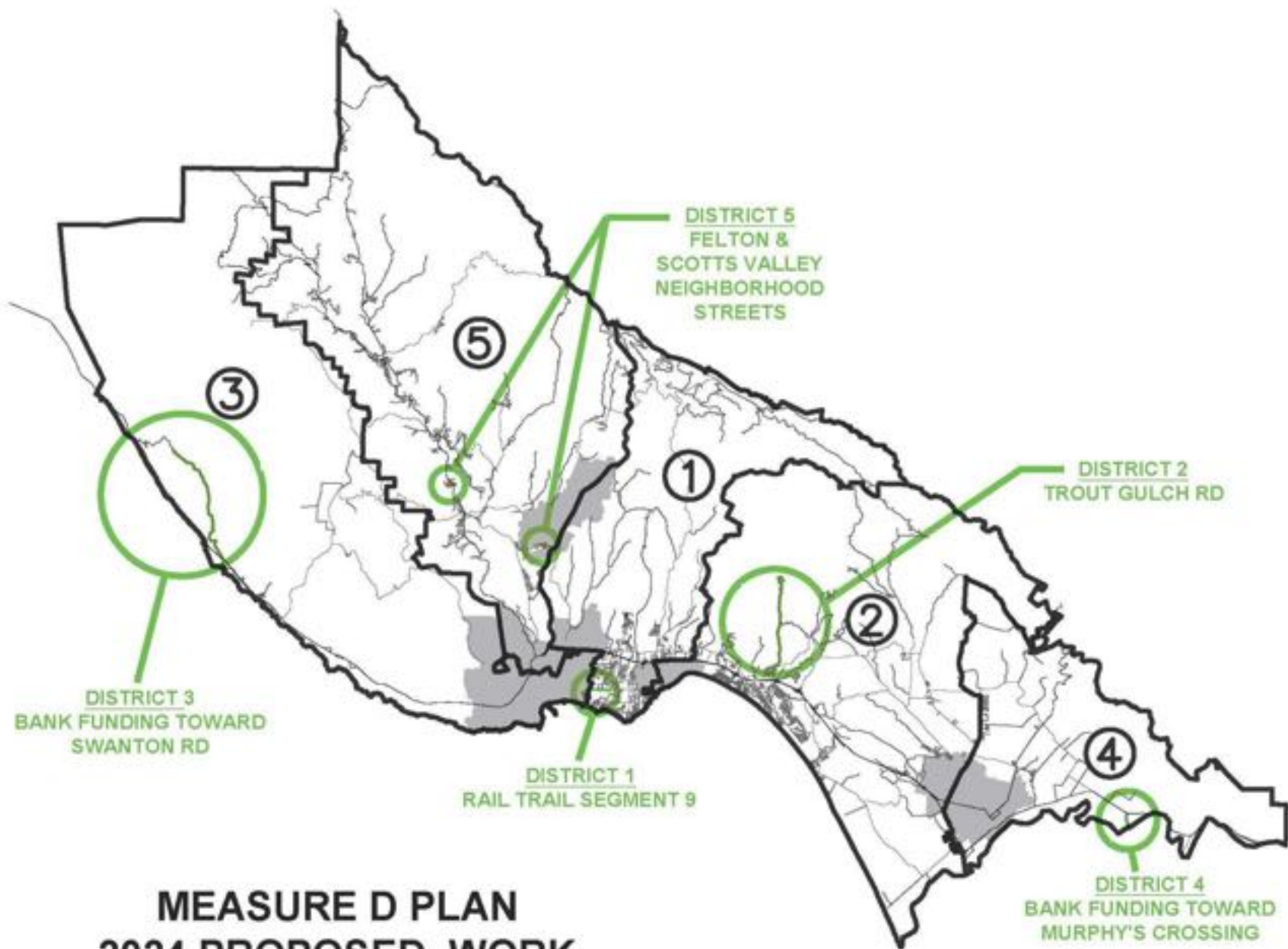
Includes:

- Transit Stop Upgrades
- Waste Receptacles
- Vegetative Buffers
- Local Art
- School Education

Overall Funding Sources:

Clean CA Grant	\$5,000,000
Measure D	\$400,000
Local Funds	\$516,097





MEASURE D PLAN 2024 PROPOSED WORK

Completed Projects Since Last RTC Update

2020 RSTP-STIP Resurfacing Project

Project Roadways (26 Miles):

- Glen Arbor Rd (CO 80)
- Hwy 17 to Soquel (CO 83)
- Scotts Valley Routes (CO 85)
- Zayante Corridor (CO 86)
- Empire Grade (CO 87)
- Pioneer-Varni Rd (CO 88)



Project Combined Several Grant Sources:

RSTPX \$4,305,298

STIP \$2,852,000

Local \$907,000



APTOS VILLAGE PLAN – PHASE 2

Soquel Dr. / Aptos Creek Signal

Project Scope:

1. Intersection Improvements
2. Bike & Pedestrian Improvements
3. RR Crossing Improvements

Project Combined Several Grant Sources:

RSTPX	\$3,171,000
Developer Fees	\$550,000
Local	\$189,000



Projects in Construction

2023 Pavement Management Project

Grant Funded Project Sites:

(Measure D in Previous Slide)

- San Andreas Rd (CO 91)
- Holohan Rd (CO 93)
- Airport Blvd &
Green Valley Rd (CO 94)
- Buena Vista Dr
(Local – Refuse Fees)

Overall Funding Sources:

RSTPX	\$767,315
STIP	\$1,645,000
Local	\$907,000
Measure D	\$3,816,000
Local/Other	\$1,779,133

This Project leveraged several funding sources (including, Measure D, Refuse Funds, STIP, RSTP, Interagency Partnerships, and Road Funds) to provide a total of 16 miles of resurfacing.



Emergency Routes Resurfacing Project

Project Sites (CO 90):

- Alba Rd
- Jamison Creek Rd
- Empire Grade

Overall Funding Sources:

CRSSA RSTPX	\$1,266,120
RSTPX	\$324,220
HIP	\$504,938
Local	\$900,000

Alba Road, Jamison Creek Road, and Empire Grade are vital links between the communities of Bonny Doon and the San Lorenzo Valley and were heavily damaged in the 2020 CZU Complex Fire. This project paved nearly 9 miles of County roadways.



Soquel Drive – Buffered Bike Lane & Congestion Mitigation

- Project Locations

- Soquel Av (Santa Cruz City Limits to Soquel Drive)
- Soquel Drive (Soquel Av to State Park Drive)

- Project Scope

- Bike and Pedestrian Improvements
- Roadway Resurfacing

- Funding

- SBI-CC \$16,463,000
- Local Match \$10,838,000
- RSTP \$1,000,000



Holohan Rd / Hwy 152 Intersection Improvements

- Project Scope
 - Intersection Improvements
 - Bike and Pedestrian Improvements
 - Streetscape Improvements
- Funding
 - SR2S \$543,000
 - RSTPX \$1,277,000
 - Minor A - Caltrans \$500,000
 - Local \$2,230,000
- Schedule
 - Construction - Spring 2024



HIGHWAY 152 / HOLOHAN ROAD INTERSECTION
Proposed Improvements

Projects Under Development

Soquel San Jose Rd/Porter St

Resurfacing & Multimodal Improvements

Project Sites (CO 92):

- Porter St
- Soquel San Jose Rd

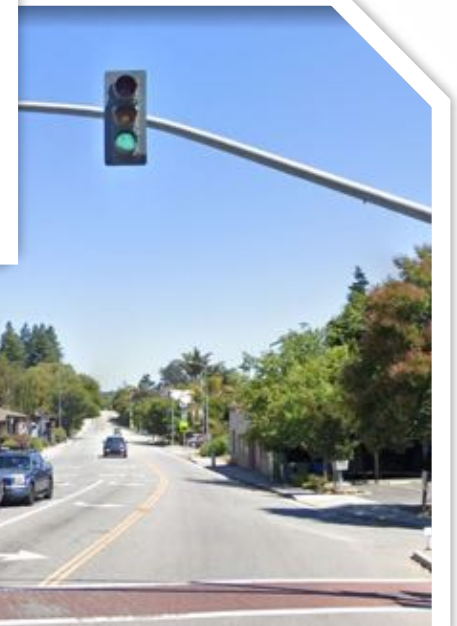
Overall Funding Sources:

STIP \$1,455,000

Local \$188,000

Status:

Waiting on availability of STIP funds



Storm Damage Sites

Santa Cruz County led the State in storm damage sites in both the historic 2017 & 2023 Storm Seasons. These disasters have taken a heavy toll not just on our roads, but our local road funding sources as well.

Season	Damage Sites	Recovery Cost	Percent Complete
2017	220	\$120M	80%
2023	217	\$140M	40%

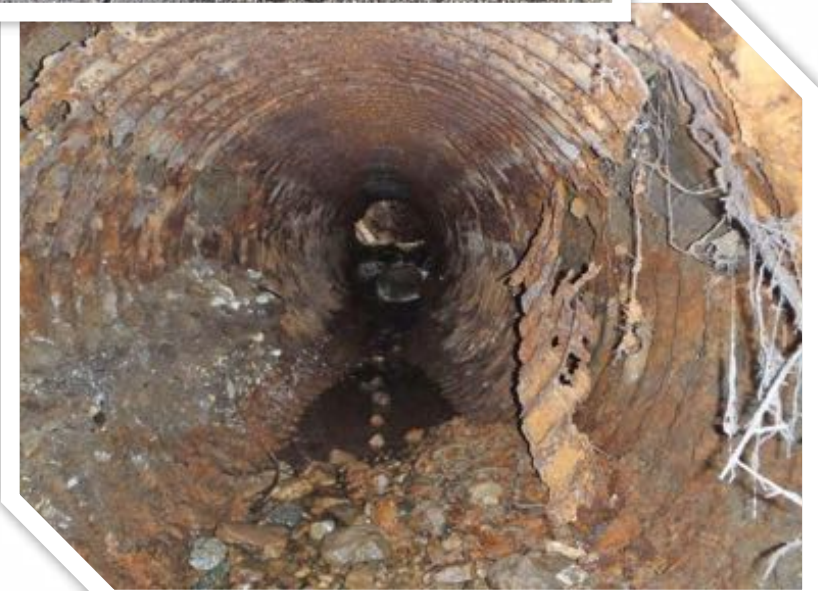




Future Needs

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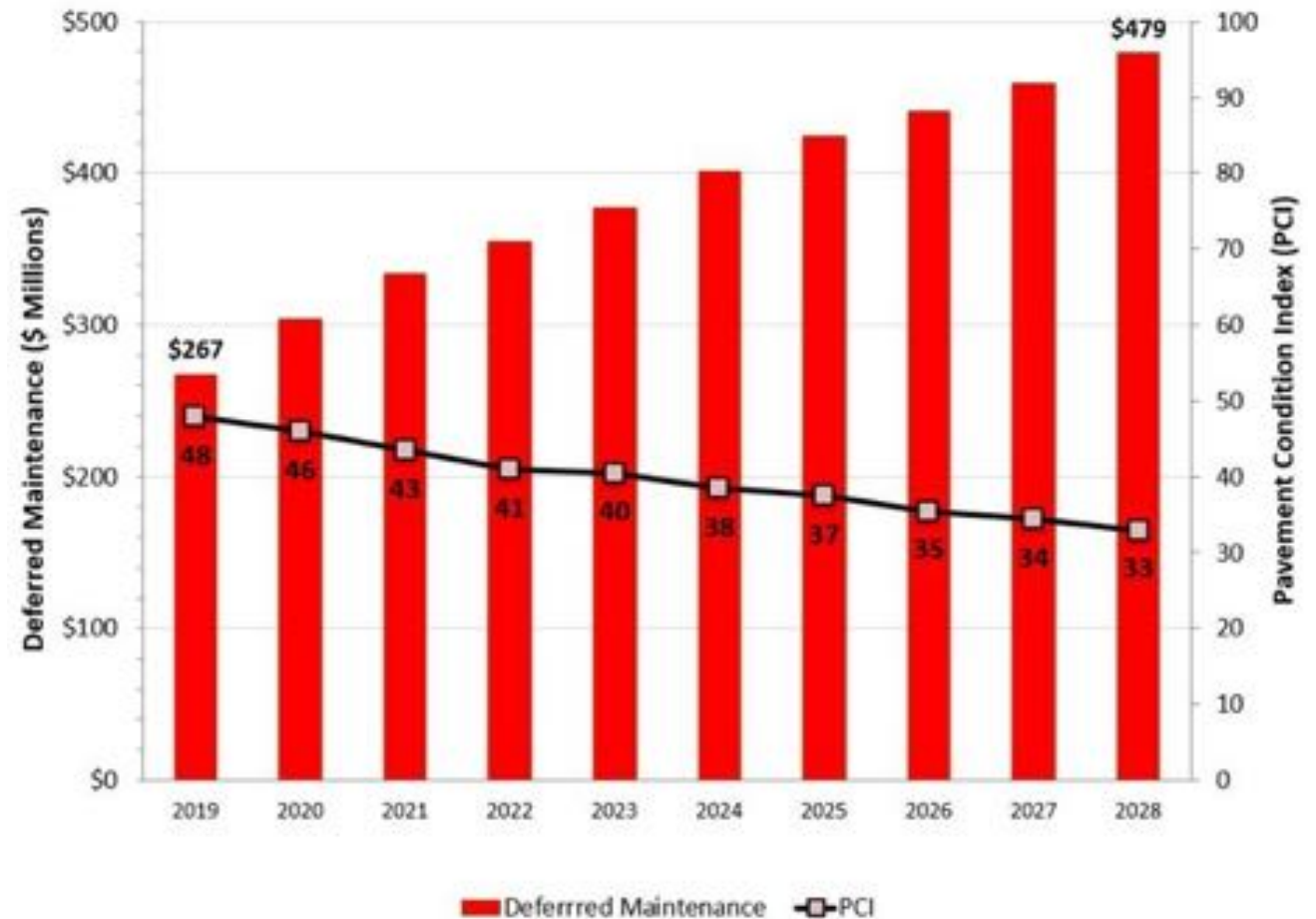
- 2017 & 2023 Storm Damage Repair Projects
- Pavement Management
- Safety Improvement Projects
- ATP – Bike/Pedestrian Improvement Projects
- Bridge and Culvert Replacement Projects
- Signal Operational Improvements



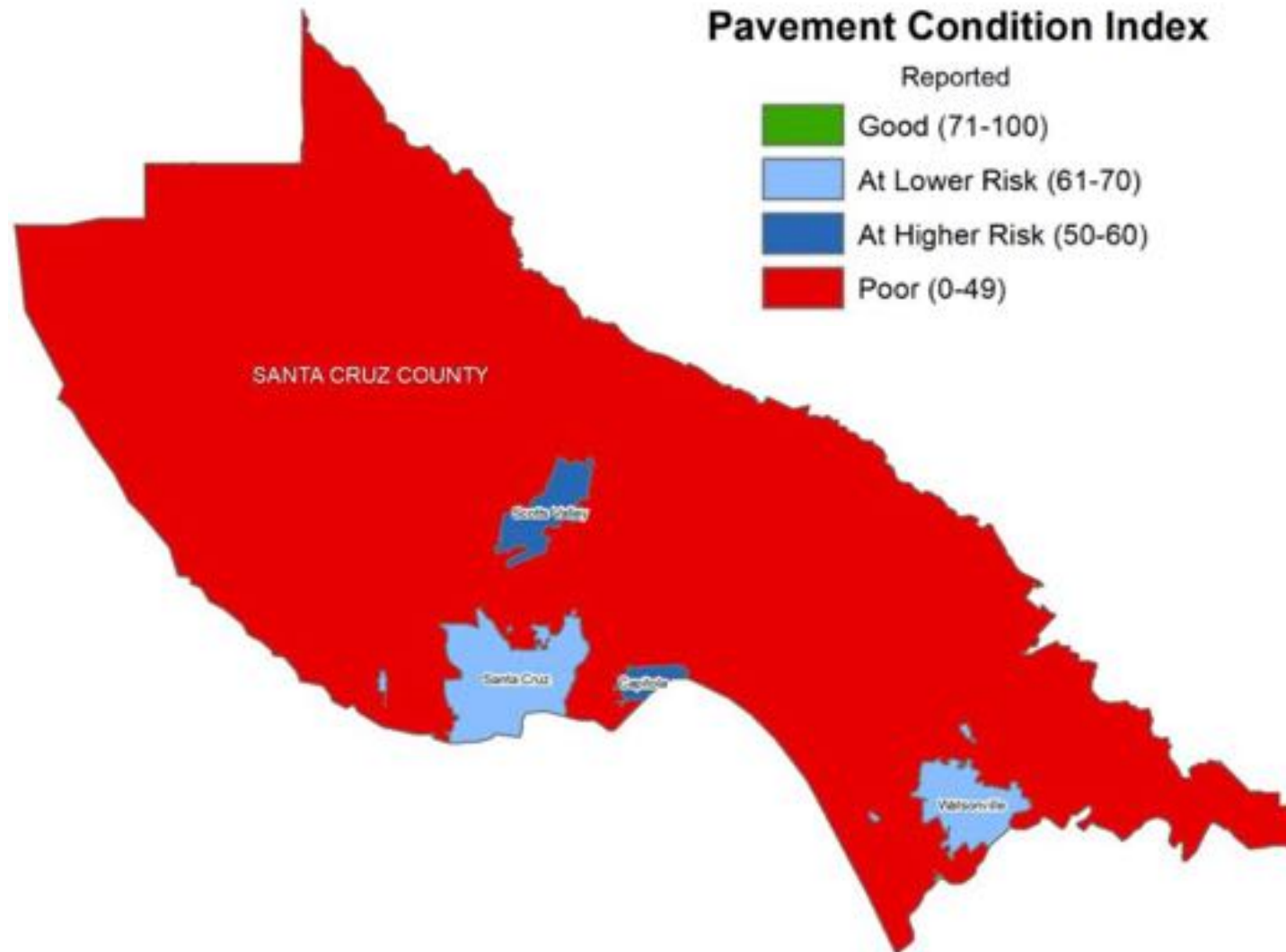
County Road Statistics

PCI Projection from 2018

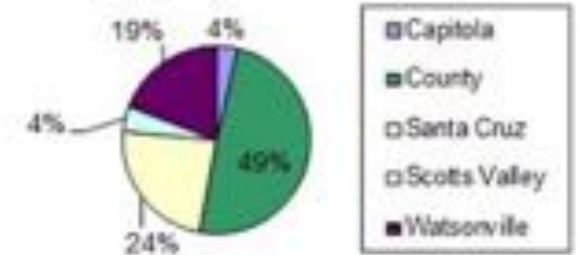
- 2018 Average PCI was 48
- \$24M/yr to hold PCI 48
- With \$8M/Yr Funding, PCI was projected to drop to 33 by 2028
- Actual Budget \$5-\$6M/yr.



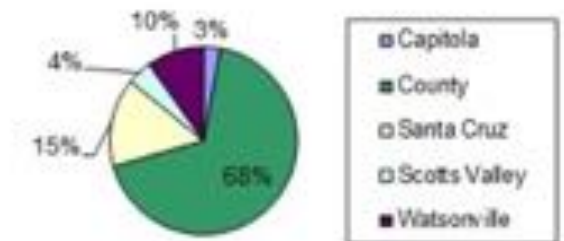
Santa Cruz County – All Agency PCIs (2021 Local Streets & Roads Report)



Population by Jurisdiction



Lane Mileage by Jurisdiction



Thank You for your Support!



County Roads – Connecting Communities!

Questions?

