

CITY OF WATSONVILLE

2024 PAVEMENT MANAGEMENT PLAN COUNCIL PRESENTATION

FEBRUARY 11, 2025



Watsonville



PMP DEVELOPMENT

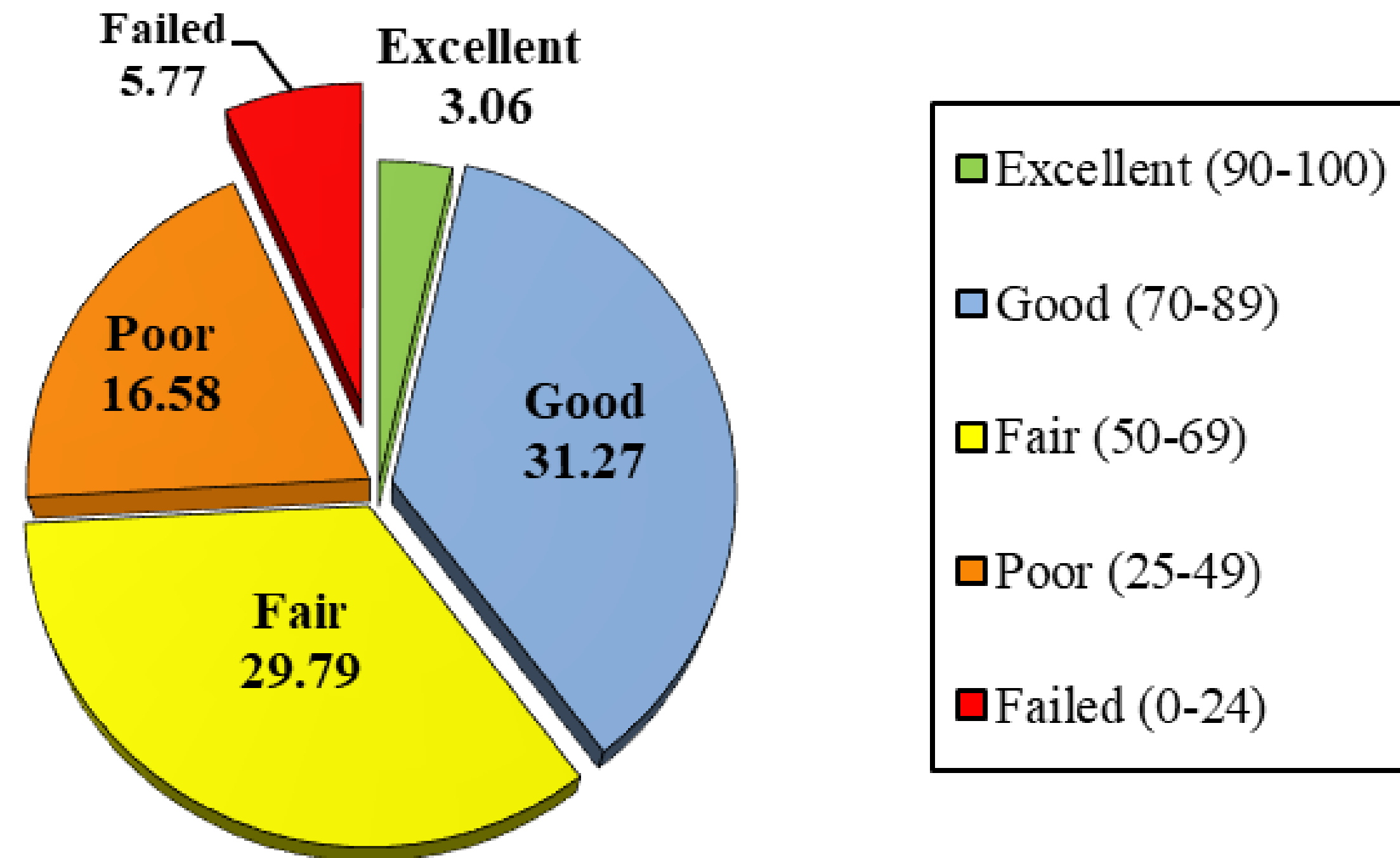


1. PMP database setup/review
2. Field surveys condition assessment and PMP database updates
3. PCI calculation 0-100 scale
4. Define treatment options and costs
5. Budget scenarios to develop list of candidate projects
6. Apply engineering and local judgement to define annual road program

RESULTS & CONDITION INDEX (PCI)

RESULTS/
 CURRENT
PCI = 62
FAIR

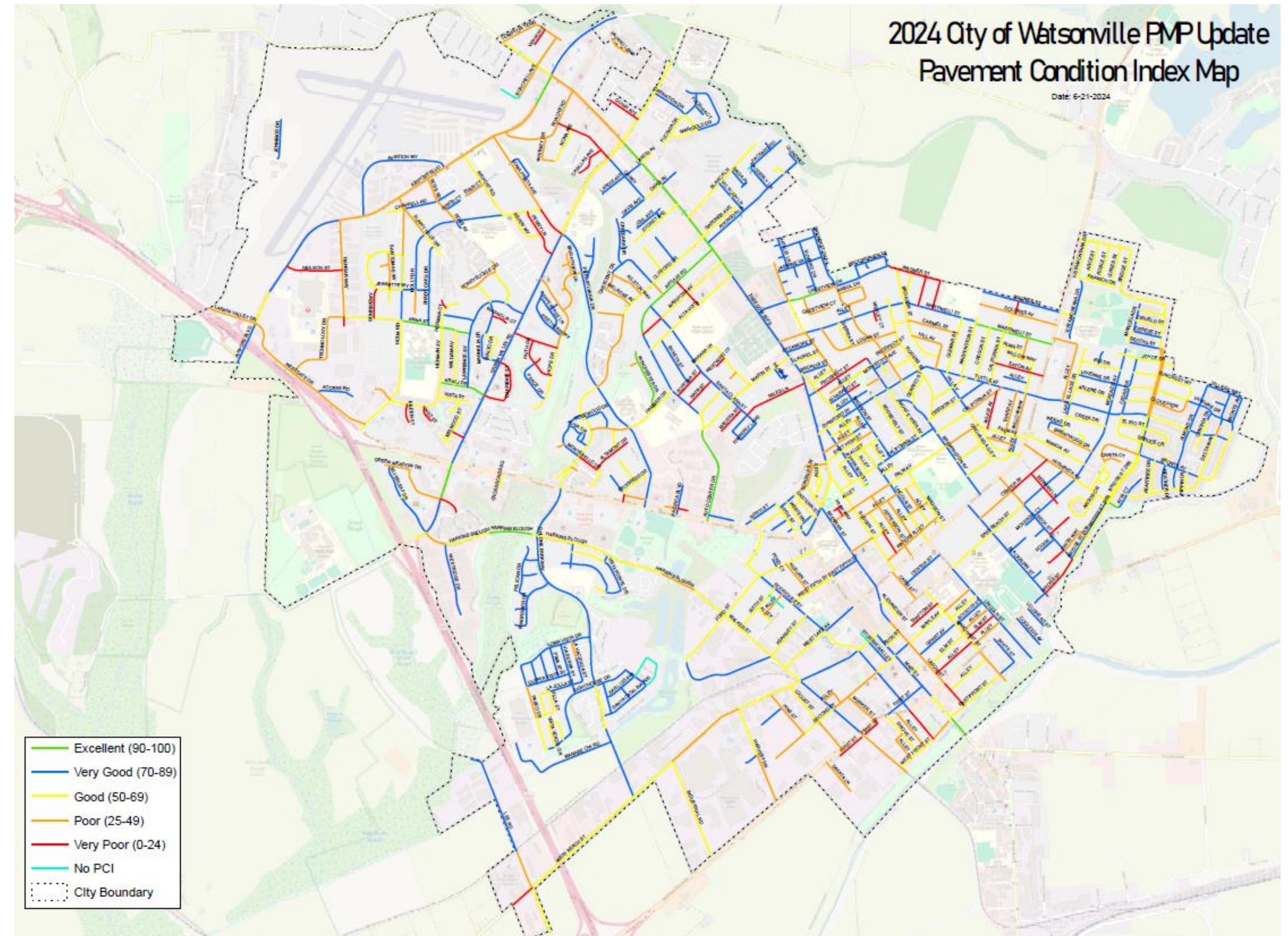
Centerline Miles of Streets by Condition



RESULTS & PAVEMENT CONDITION INDEX (PCI)

CITYWIDE PCI MAP

PCI By Functional Class	
CLASSIFICATION	PCI
Arterial	67
Collector	65
Residential/Local	58
Overall Network	62

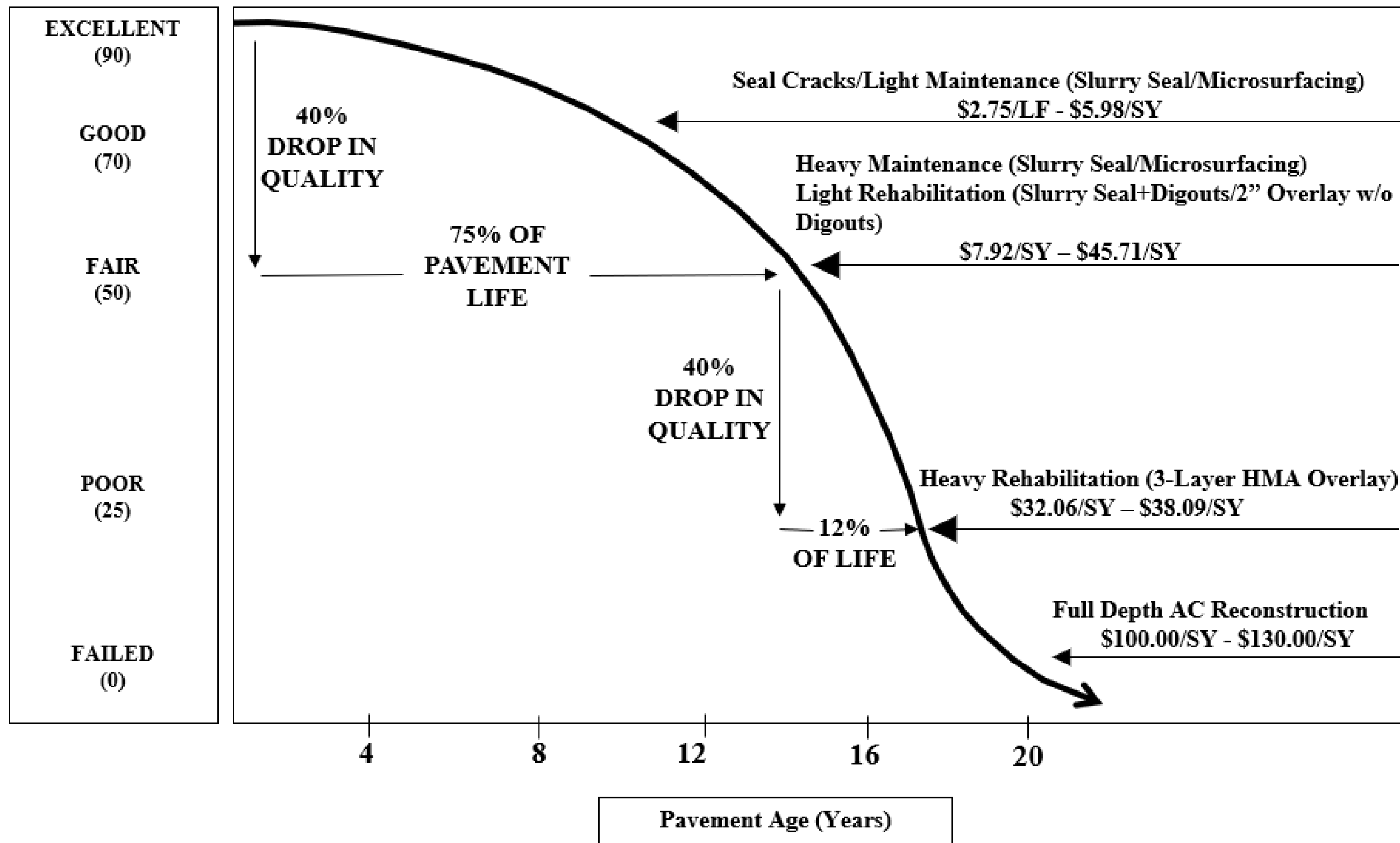


PAVEMENT LIFE CYCLE

Pavement Life Cycle

PAVEMENT
CONDITION
(Approx. PCI)

AGENCY'S RECOMMENDED TREATMENT

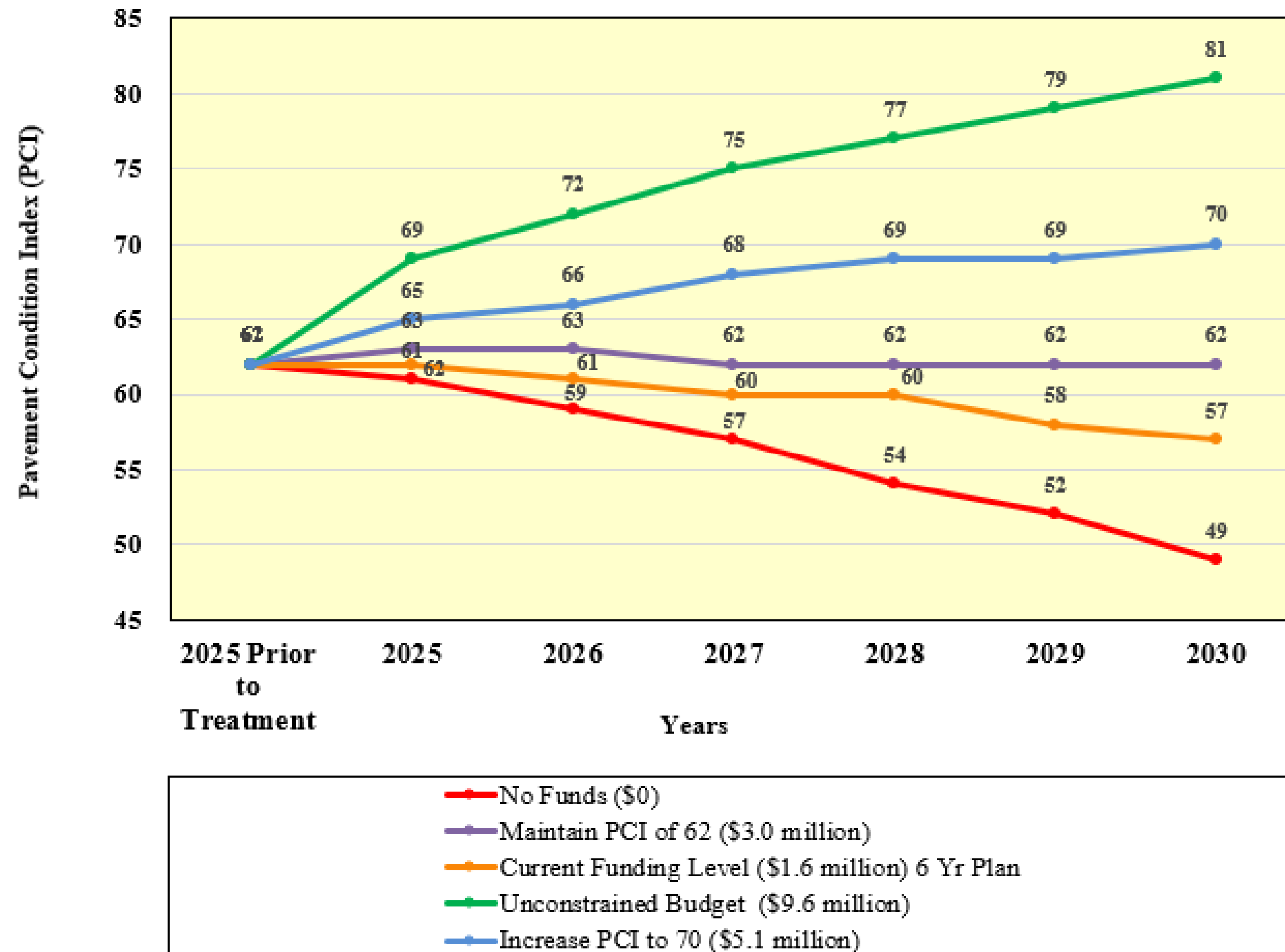


Agency's Maintenance Treatments By Condition Category

Condition	PCI Range	Treatment Category	Typical Maintenance Treatment
Excellent	90-100		Do Nothing.
Good	70-89	Crack Treatment	Seal Cracks
		Light Maintenance	•Slurry Seal •Microsurfacing
Fair	60-69	Heavy Maintenance	•Slurry Seal •Microsurfacing
	50-59	Light Rehab	•Slurry Seal+Digouts •2" Overlay w/o Digouts •Mill & Fill
Poor	25-49	Heavy Rehabilitation	•3-Layer System •HMA Overlay
Failed	0-24	Reconstruct	Full Depth AC Reconstruction

MAINTENANCE SCENARIOS

PCI Chart



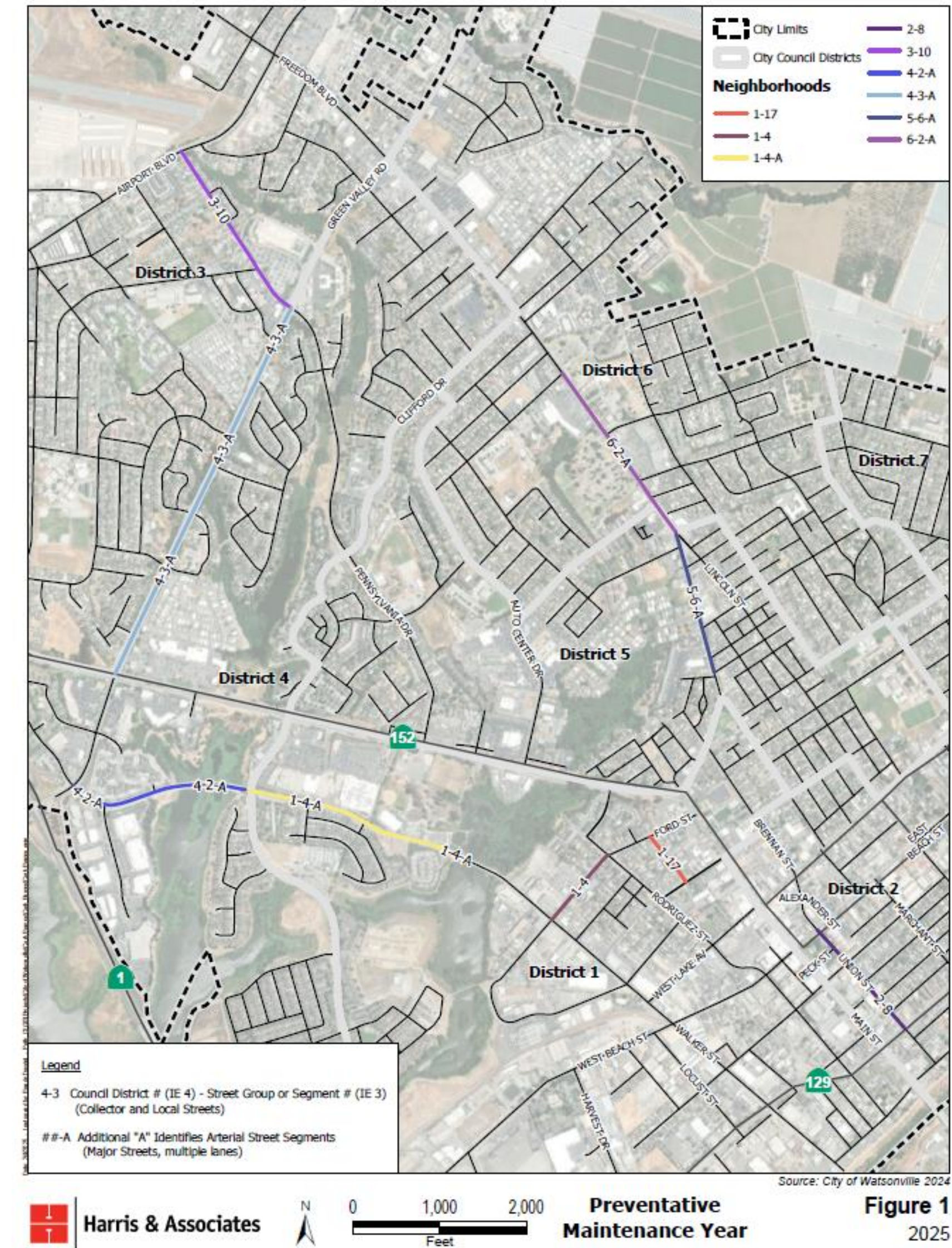


PROPOSED 6 YEAR PROGRAM – YEAR 1

Planned Work - Priority Streets + Preventative Maintenance

Year 1 - 2025

- Green Valley Rd: Main St to Pennsylvania Dr
- Bridge: Blackburn to Beck
- Freedom Blvd: Alta Vista Ave to Broadis St
- Harkins Slough Rd: Green Valley Rd to N/S PCC Bridge
- Union St: East Beach St. to Riverside Dr.
- Loma Prieta Av: Green Valley Rd to Airport Blvd
- Kilburn St: Ford St. to W Fifth St
- Ford St: Rodriguez Wy to Walker St

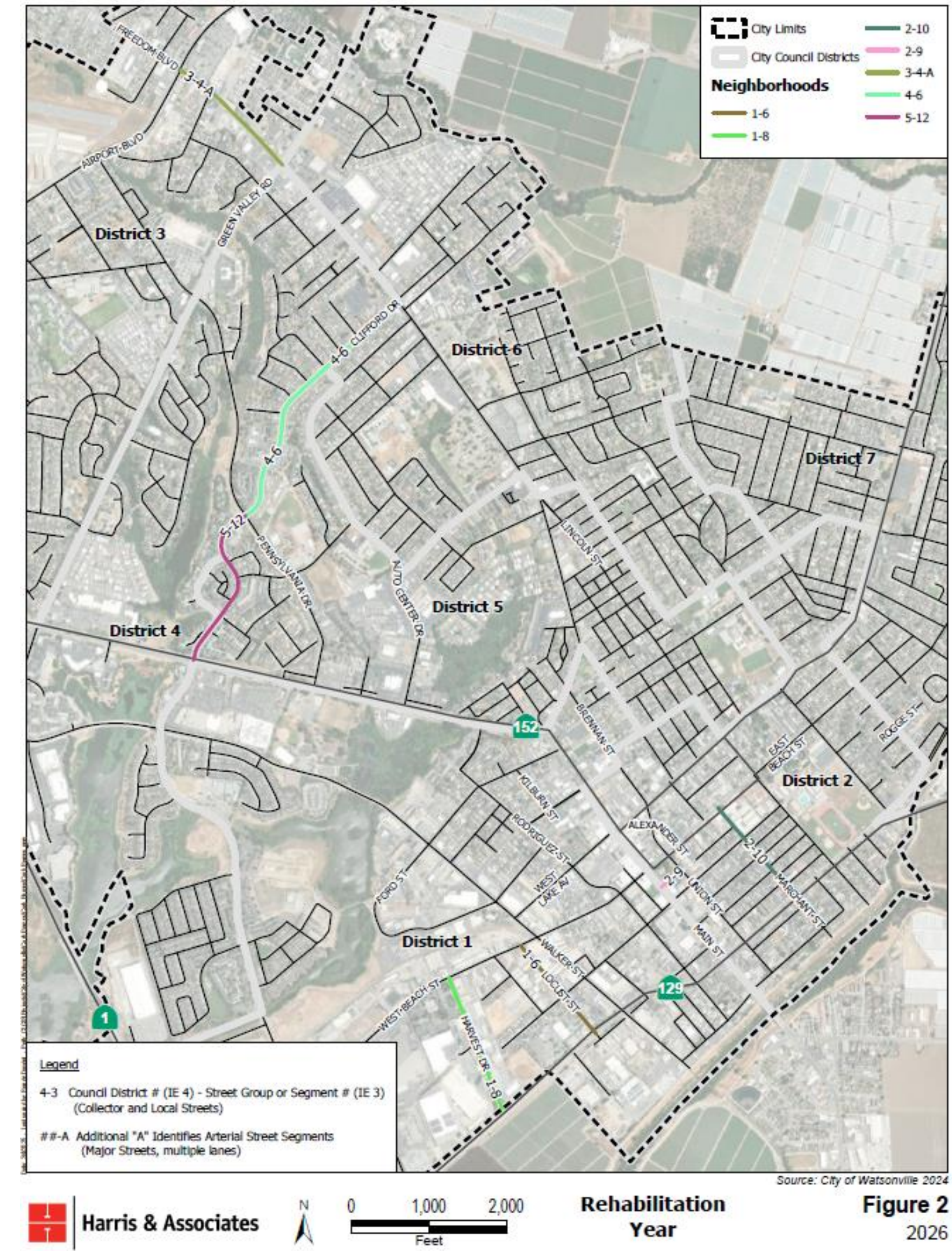


PROPOSED 6 YEAR PROGRAM – YEAR 2

Planned Work - Priority Streets + Rehabilitation

Year 2 – 2026

- Freedom Blvd: Airport to Green Valley Rd
- Clifford Dr: Freedom Blvd to Main St
- Locust St: West Beach St to Riverside Dr
- Marchant St: East Beach to Riverside Dr
- Peck St: Main St to Union St
- Harvest St: West Beach St to Riverside Dr



PROPOSED 6 YEAR PROGRAM –

YEAR 3



Planned Work - Preventative Maintenance (Year 3 – 2027)

District 4:

- La Hacienda St.
- La Jolla St.
- La Salle St.
- Las Flores St.
- Lighthouse Dr.
- Loma Vista Dr.
- Paseo Dr.
- Pima St.
- Quinta Vista St.
- Via Serra St.
- Villa St.
- Vista Verde Cir.
- Bent Tree Ct.
- Crossroads Sq.
- Egret Ln.
- Heron Ct.
- Kingfisher Dr.
- Pelican Dr.
- Quiet Meadow Dr.
- Silverleaf Dr.
- Westridge Dr.
- Yarrow Ct.

District 5:

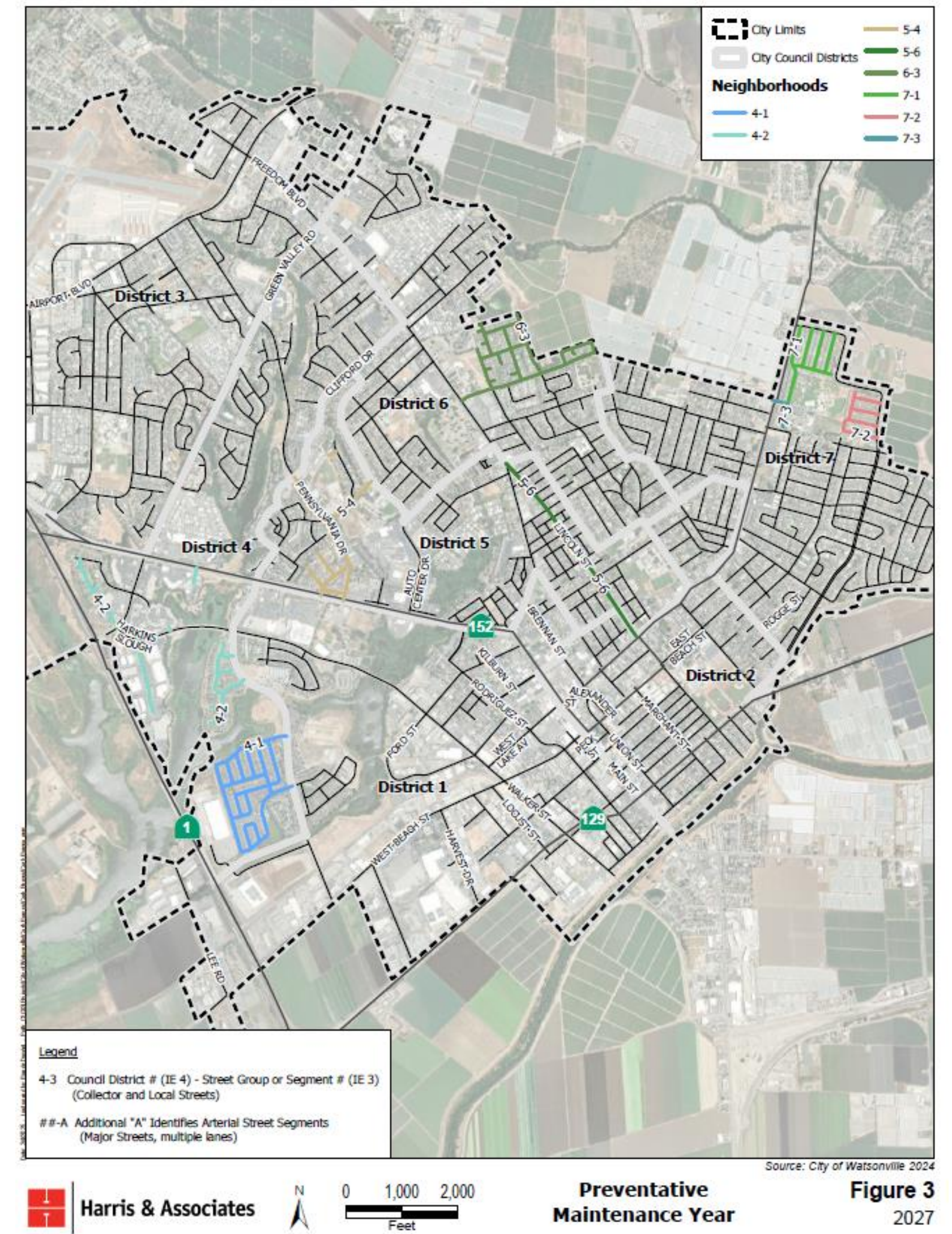
- Diamond Dr.
- Hammer Dr.
- Longview Dr.
- Pennsylvania Dr.
- Progress Dr.
- St. Francis Dr.
- Lincoln St.

District 6:

- Berryknoll Ct.
- Brewington Av.
- Broadview Dr.
- Brookhaven Ln.
- Brookshire Dr.
- Camellia Ct.
- Crestview Dr.
- Jasmine Ln.
- June Ct.
- Kirsten Ct.
- Madison St.
- Meghann Ct.
- Michelle Ct.
- Natalie Ln.
- Paloma Way
- Pepper Place
- Sunbird Dr.

District 7:

- Acre St.
- Cipres St.
- Franich Dr.
- Roble St.
- Vista Montana Dr.
- Cereze St.
- Cirvelo St.
- Manzana St.
- Marcela Dr.
- Secoya St.
- Vista Montana Dr.
- Wagner St.

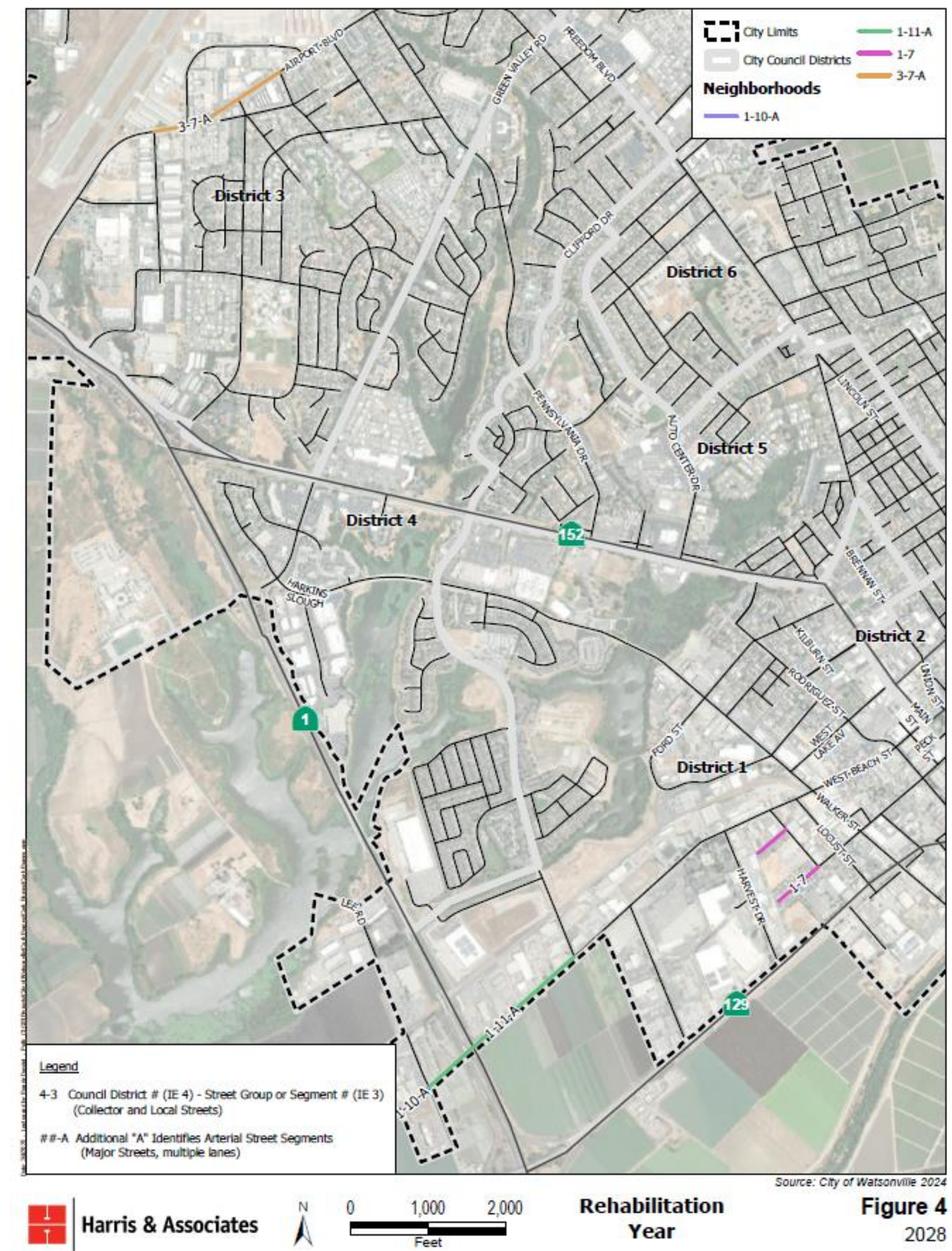


PROPOSED 6 YEAR PROGRAM – YEAR 4

Planned Work - Rehabilitation

Year 4 – 2028

- Watson St: Pine St to End
- Second St: Pine St to End
- West Beach St: Ohlone Pkwy to City Boundary
- Airport Blvd: Hangar Wy to Ross Ave



PROPOSED 6 YEAR PROGRAM – YEAR 5

District 1:

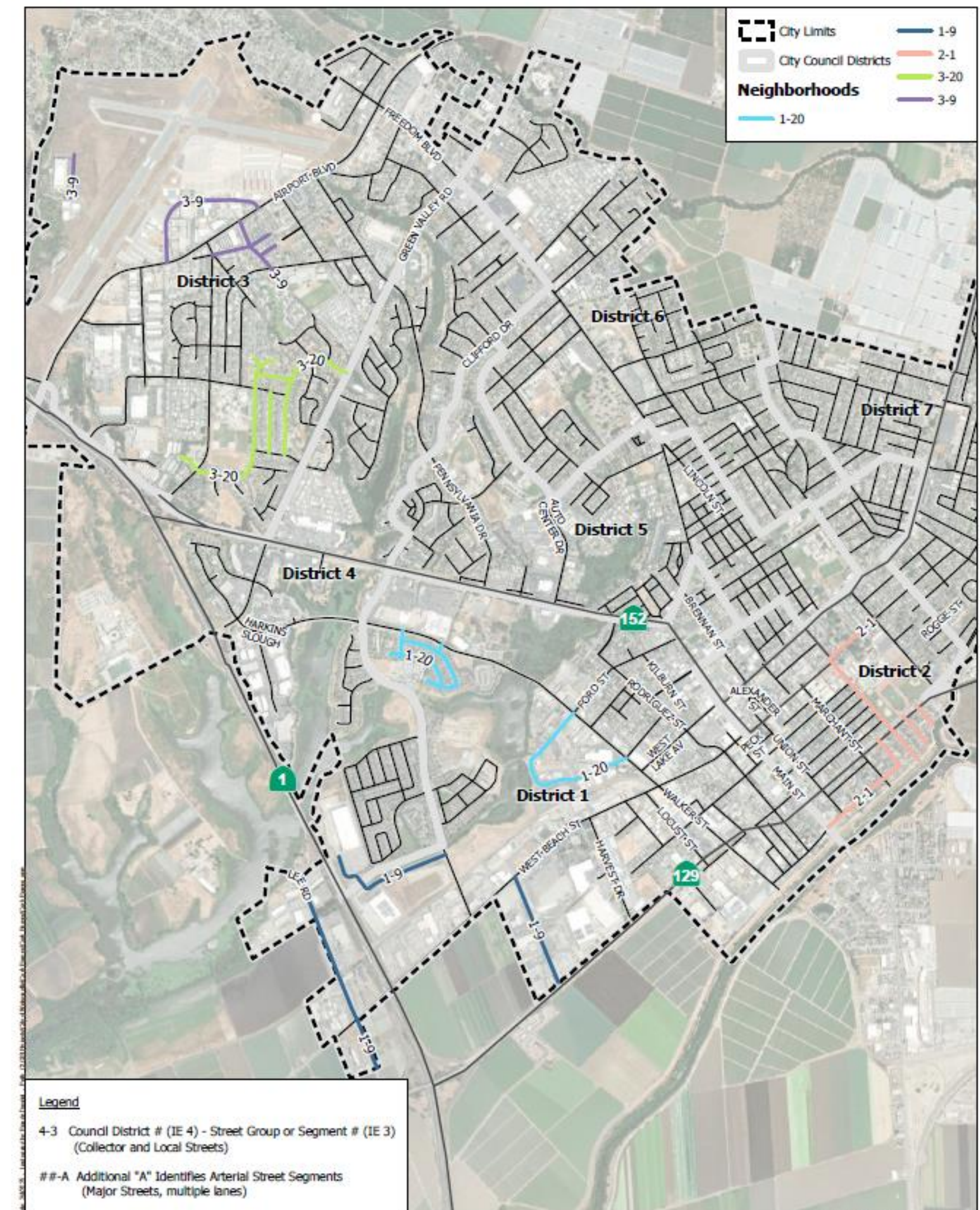
- Bayview Dr.
- Ford St.
- Kearney St.
- Monterey Vista Ct.
- Sunset Vista Dr.
- Vista Del Mar Dr.
- Vista Del Mar Ln.
- Vista Pointe Dr.
- Industrial Rd.
- Lee Rd.
- Manabe Ow Rd.

District 2:

- Coolidge Av.
- Dawson St.
- East Beach St.
- East Front St.
- Lincoln St.
- Loughhead St.
- White St.

District 3:

- Herman Av/Ct.
- Lawrence Av.
- Meadow Ter.
- Sunny Hills Dr.
- William Av.
- Aviation Wy.
- Chappell Rd.
- Ginos Ct.
- Jennings Dr.
- Ross Av./Rd.



City Annual Budget Approximately
\$1.6 Million/ Year

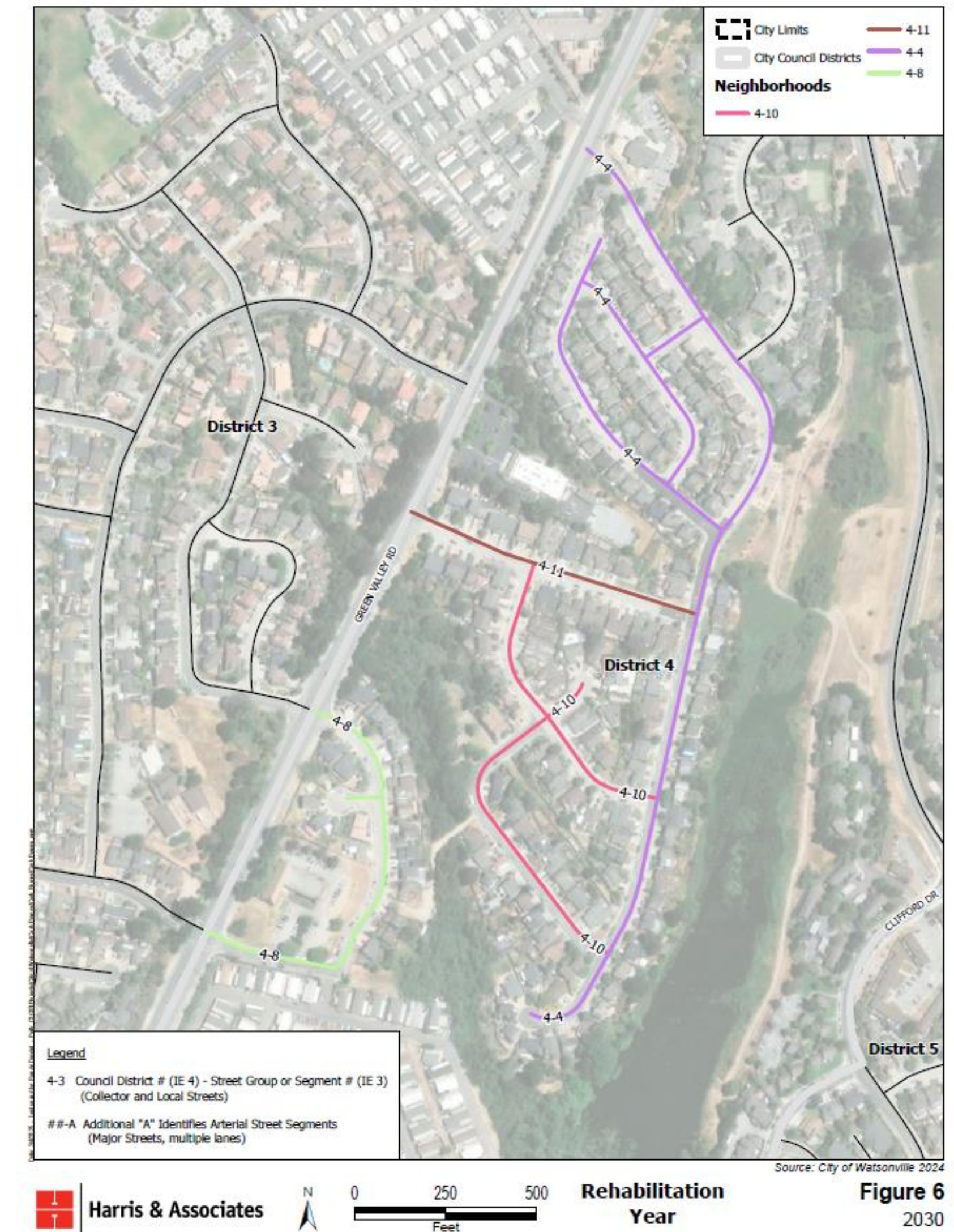
PROPOSED 6 YEAR PROGRAM – YEAR 6

Planned Work – Rehabilitation

Year 6 – 2030

District 4:

- Firethorn Wy: Hope Dr to E End
- Hope Dr: Green Valley Rd to End
- Knollwood Ln: Peppertree Ln to Hope Dr
- Peppertree Ln: Firethorn Way (N) to Firethorn Way (S)
- Kralj Dr: Green Valley Rd to Oakridge St
- Oakridge Ct: Oakridge St to W End
- Oakridge St: Green Valley Rd to Kralj Dr
- Faith Dr: Maranatha Dr to Hope Dr
- Peace Ct: Faith Dr to End
- Peace Dr: Hope Dr to Faith Dr
- Maranatha Dr: Green Valley Rd to Hope Dr



STAFFING & FUNDING

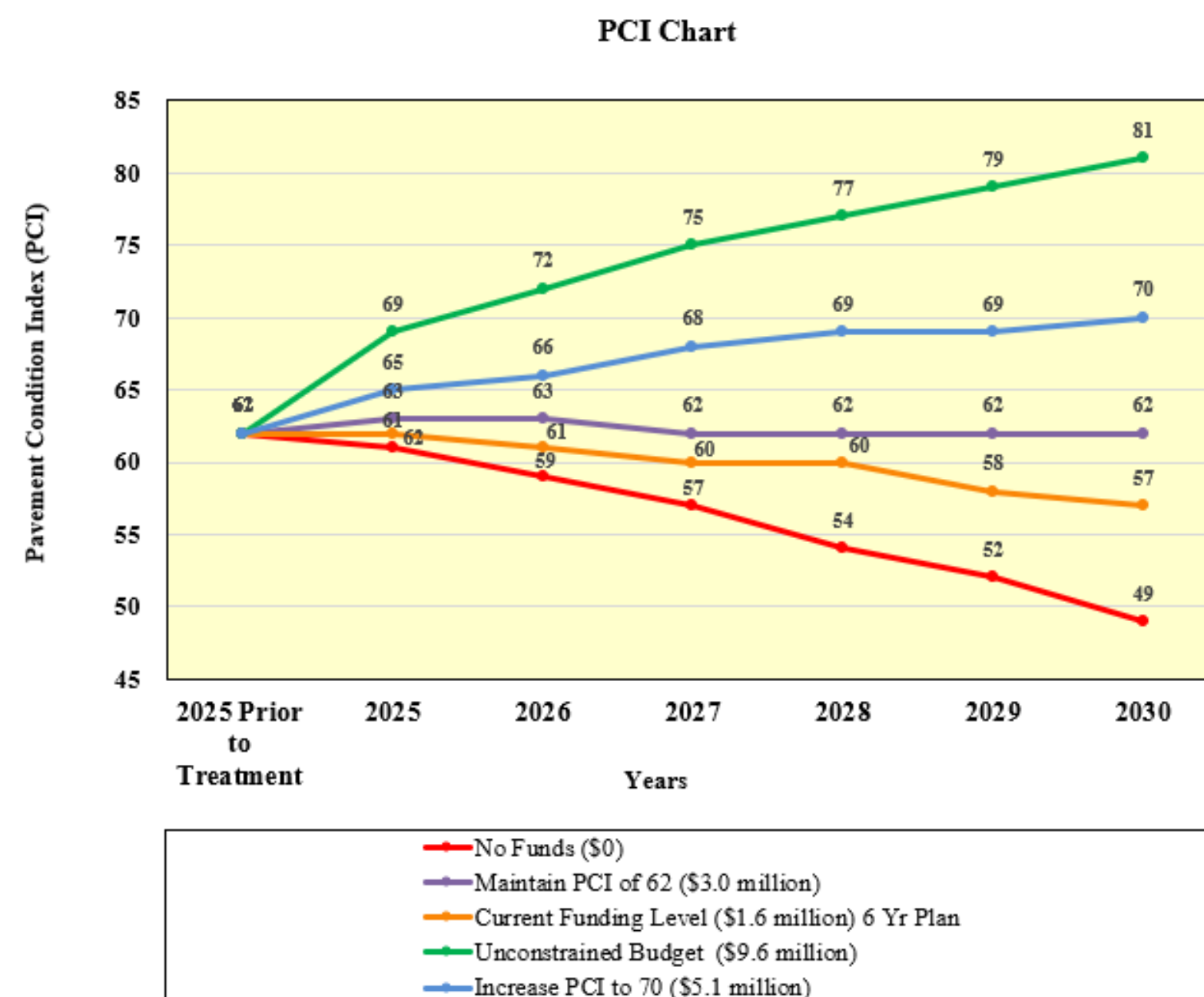
STAFFING

Pavement Program Manager - City currently has three-year contract with Harris & Associates for a Pavement Program Manager to assist with implementation of the Pavement Management Plan & provide design services. Contract cost is \$425,00 per year.

FUNDING

Road funding is drawn from Gas Tax, Measure D and SB 1. In FY23/24, Watsonville was allocated the following:

Gas Tax	\$1.1M
Measure D	\$1.2M
SB 1	<u>\$1.1M</u>
Total	\$3.4M



These funds are used for staff salary, bicycle, pedestrian & traffic safety, consultant services & road construction. \$1.6M is set aside for road construction annually.

<u>Annual Road Funding</u>	<u>PCI after 6 years</u>
\$1.6M	57
\$3.1M to \$5.1M	62 - 70

NEXT STEPS – ACCEPT REPORT

Staff recommends that the City Council receive a presentation on the Pavement Management Plan prepared by city staff with the assistance of Harris and Associates, Inc.

City of Watsonville 2024 Pavement Management Program Update Report

January 24, 2025



Prepared by:



Harris & Associates.