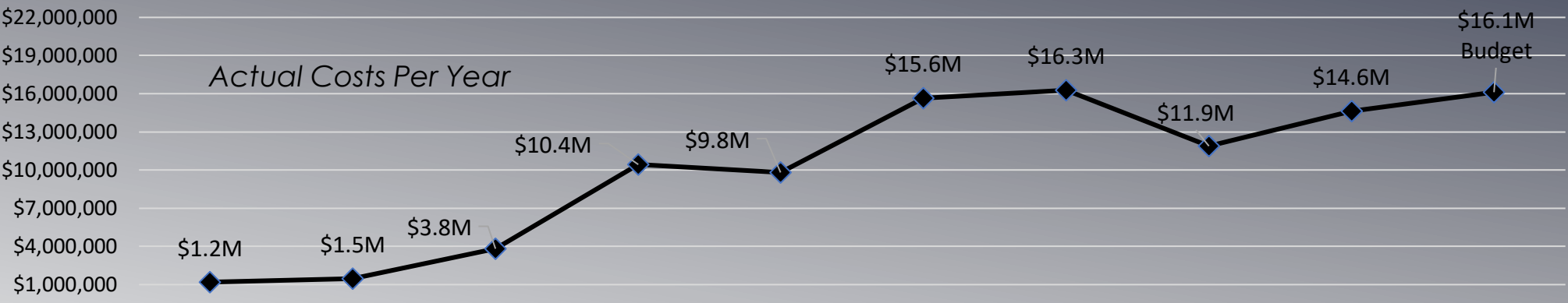




# Road Program – 10-Year Historical Trend



**Total Costs: \$101.2M**

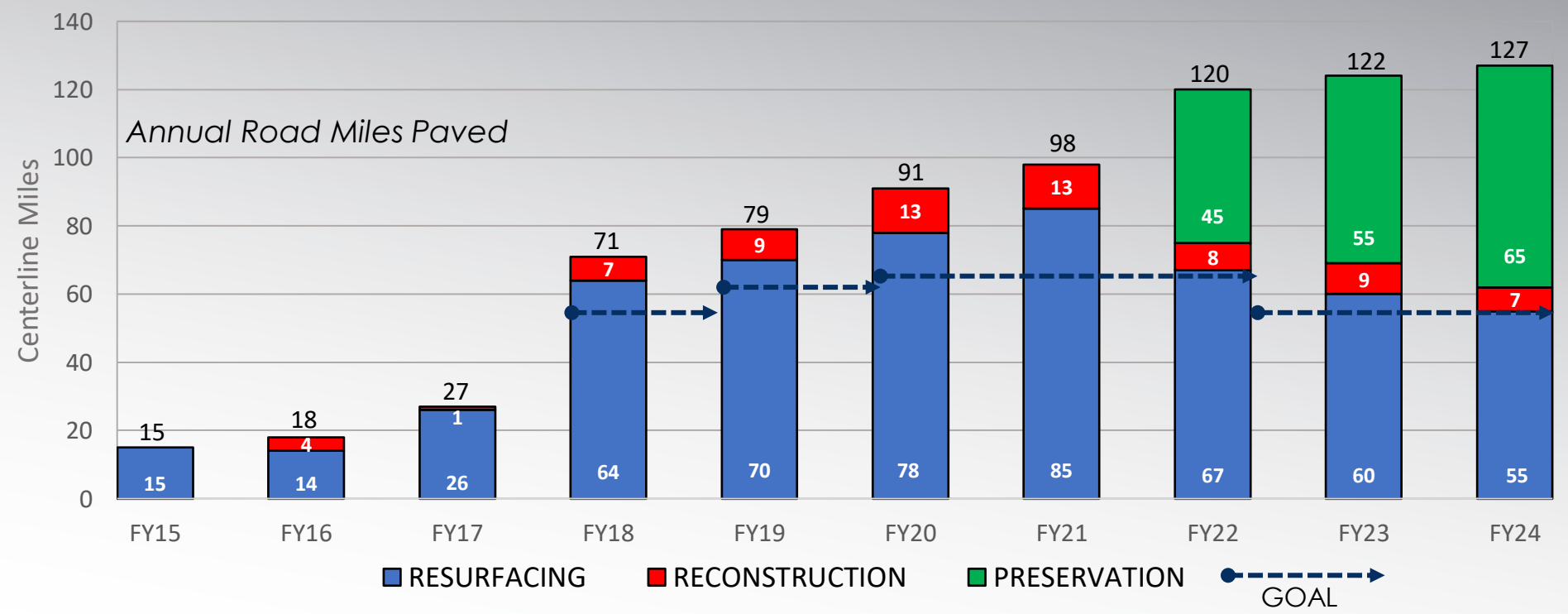
- FY15-FY17 Actual \$6.5M
- FY18-FY23 Actual \$78.6M
- FY24 In-Progress \$16.1M

**Total Miles Treated (770)**

- 534 Miles of Resurfacing
- 71 Miles of Reconstruction
- 165 Miles of Preservation

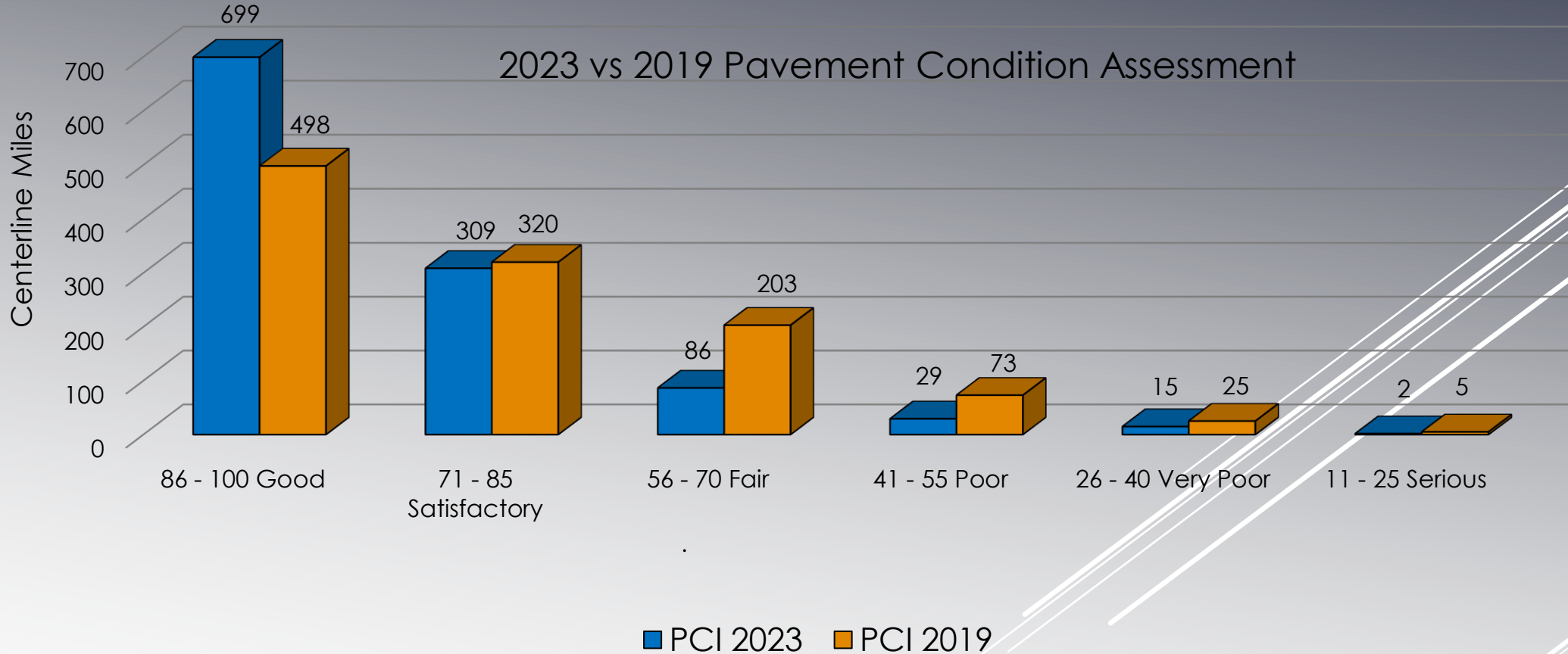
**Annual Paving Goals**  
Exceeded Every Year & Within Budget

**Preservation (Pilot)**  
Road Program Shifted in 2022 to Include Preventative Maintenance to Extend Road Life Expectancy, save \$\$, keep road surface in good condition throughout life cycle



■ RESURFACING   
 ■ RECONSTRUCTION   
 ■ PRESERVATION   
 ●---GOAL→

# Road Infrastructure Pavement Condition Assessment



- 1144 Centerline Miles of County Maintained Roads (2023)
- 1126 Centerline Miles (2019)

▪ Avg. 4.8 Miles of New Roads Added to Inventory Each Year (Release of Maintenance Bond) FY18-FY24

- 2023 Average Pavement Condition (PCI) Index Score Countywide = **85**/100
- 2019 Avg. PCI 79/100
- 2011 Avg. PCI 66/100

# Road Infrastructure Backlog Miles

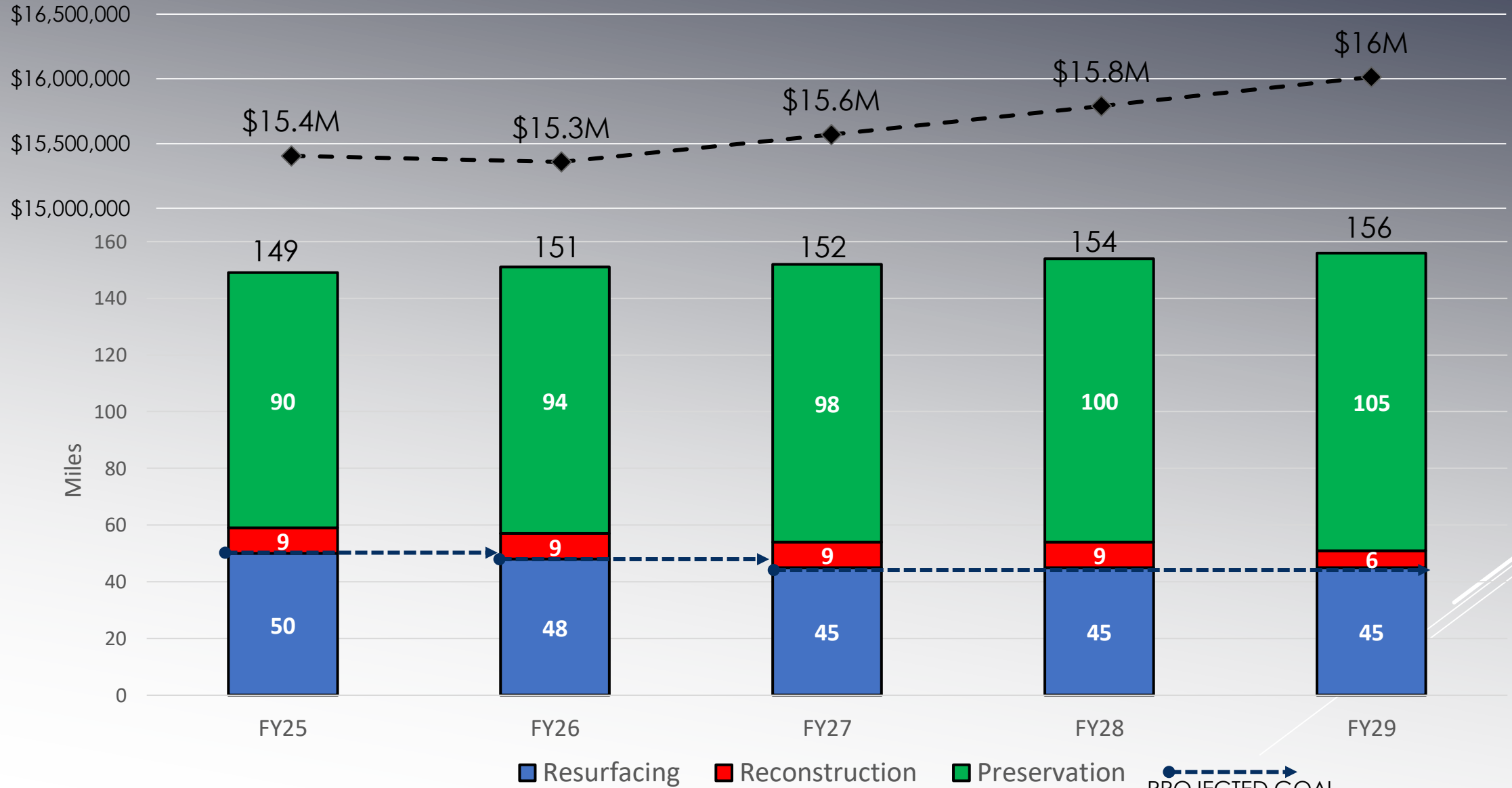


- 218 Backlog Miles in 2019 (PCA)
  - **101 Miles At Risk**
  
- 95 Backlog Miles in 2023 (PCA)
  - **42 Miles at Risk**

# Road Program – 5 Year Plan

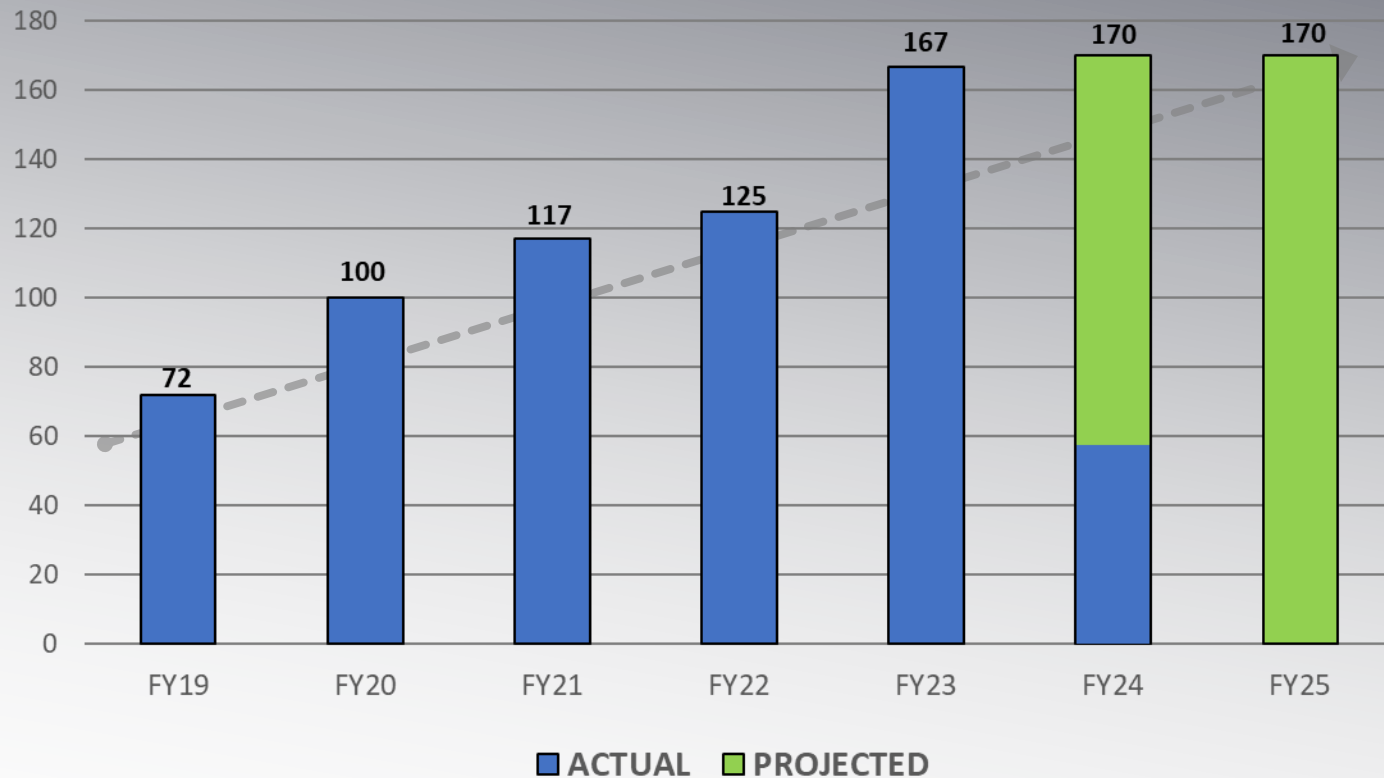


## ANNUAL BUDGET





# Drainage Program – 7-Year Trend



## Where we started.....

2017: 1 Dedicated Countywide Drainage Crew

- 3 FTE @ \$179.2K (Annual S&B)
- Equipment @ \$713K
- Avg. 25 miles per year

Moving From Reactive Approach



.....To Proactive Approach

2024: 3 Dedicated Countywide Drainage Crews

- 9 FTEs @ \$539K (Annual S&B)
- Equipment \$1.96M
- Avg. 80-90 miles per year

# Bridge Program – 5 Year Plan

District 1

James Jay Clark  
Pedestrian Bridge  
Re-Coating  
Awarded 2023

District 2

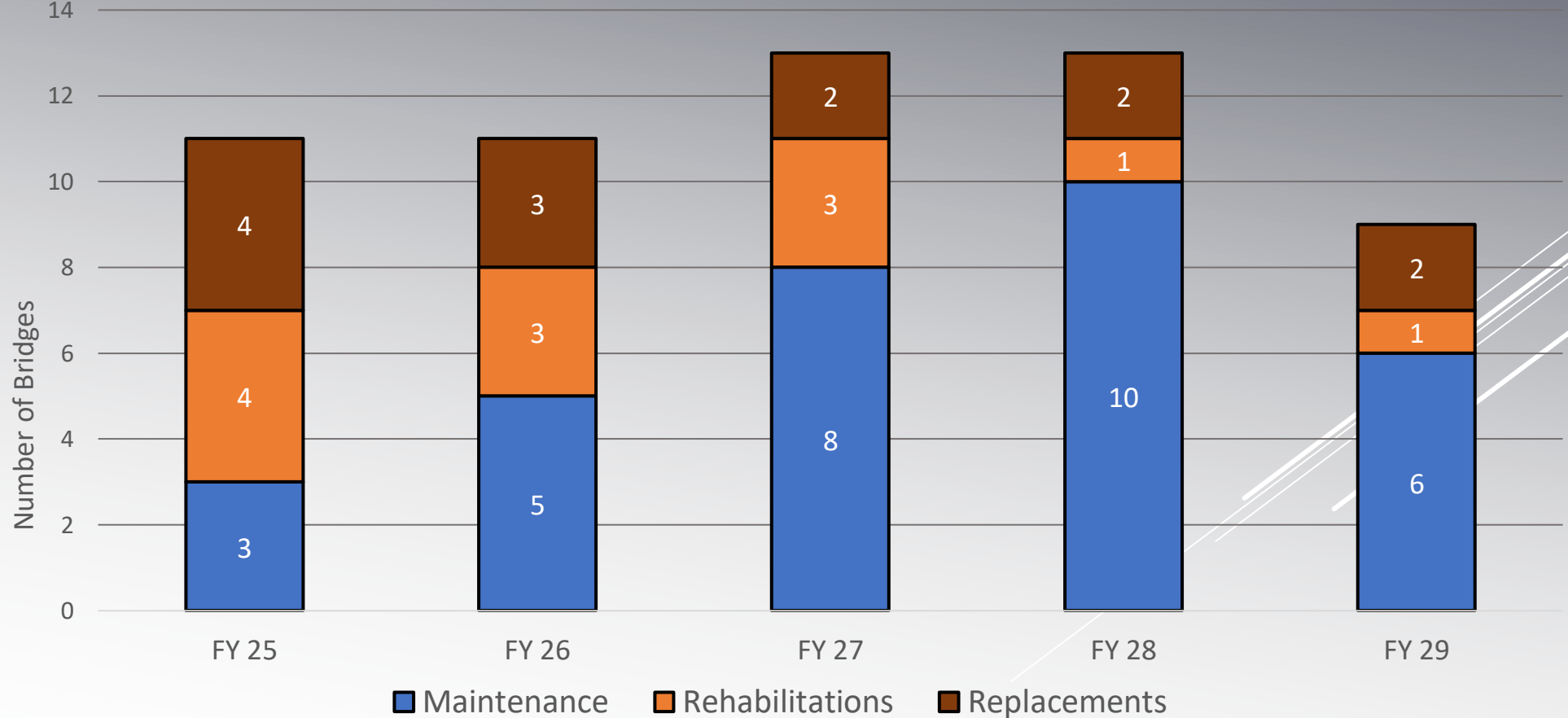
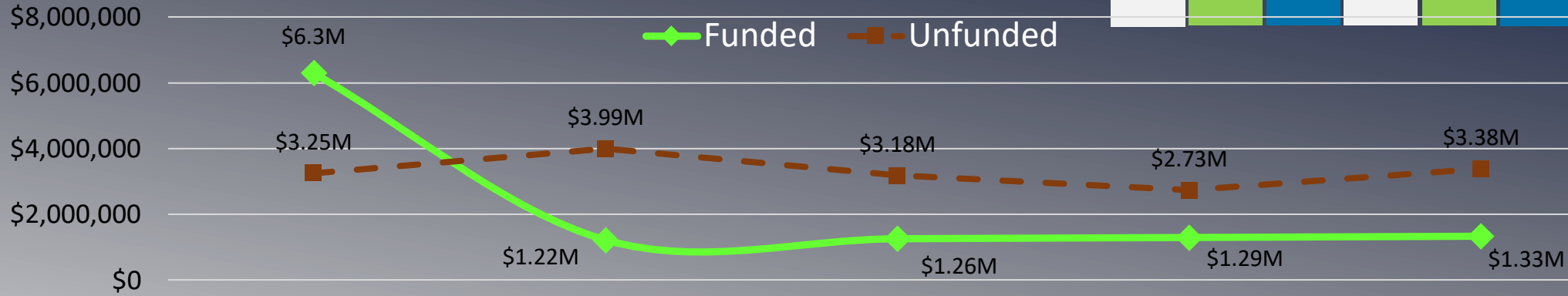
Sea Ray Bridge  
Bid In Progress  
Reconstruction  
2024/2025

District 2

Merritt Island  
Central Ave.  
Bridge Design  
Award In Progress  
2024

District 3

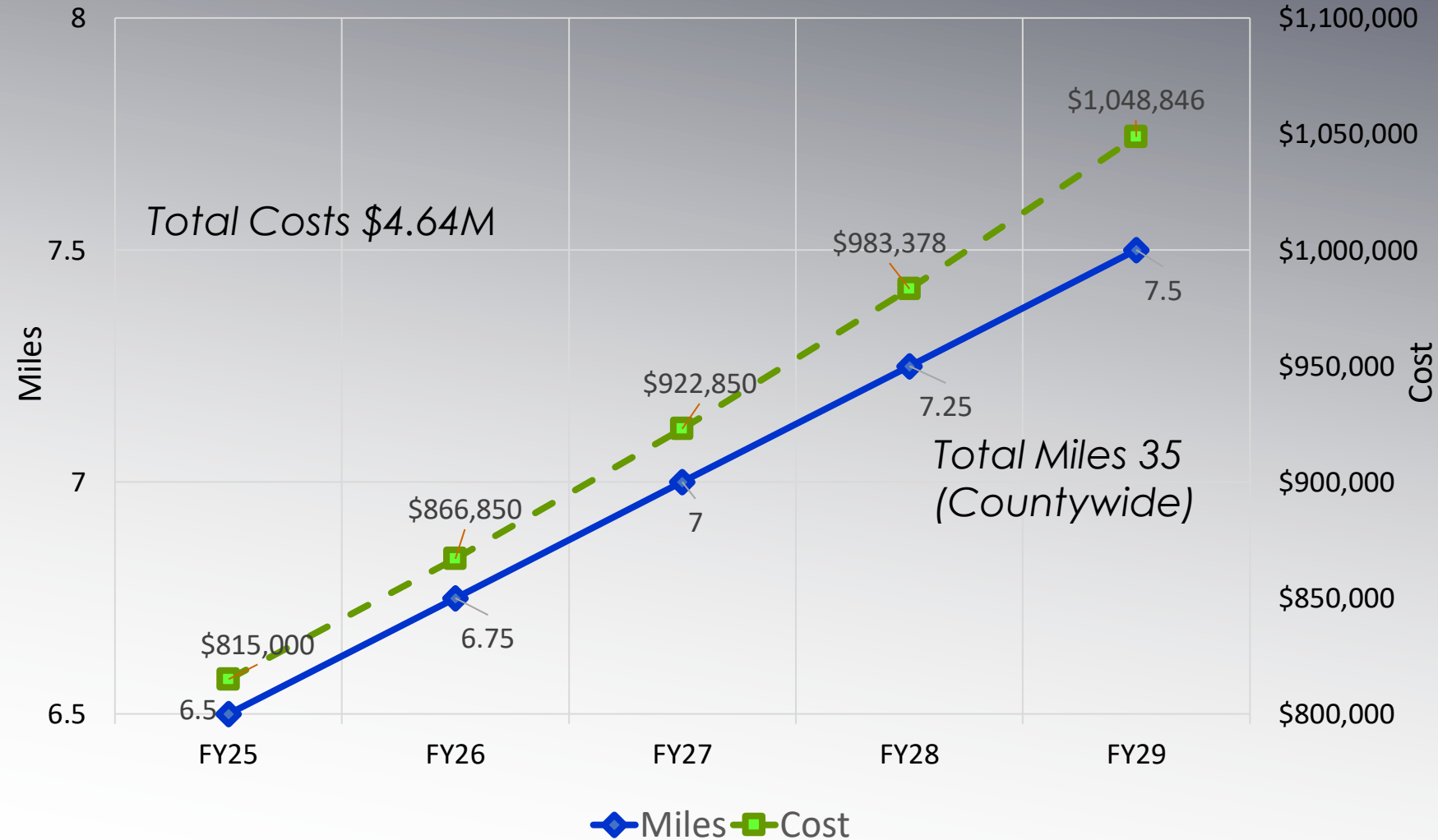
Micco Bridge  
Reconstruction  
Awarded 2023



# Sidewalk Program – 5 Year Plan



5-Year Maintenance and Rehabilitation Plan



- 720 Miles of County-Maintained Sidewalks
- Mileage Increasing Each Year
- District 2 and District 4 Highest #Miles
- Estimate about 30% of Total inventory Needs Repair-Replacement (216 miles)



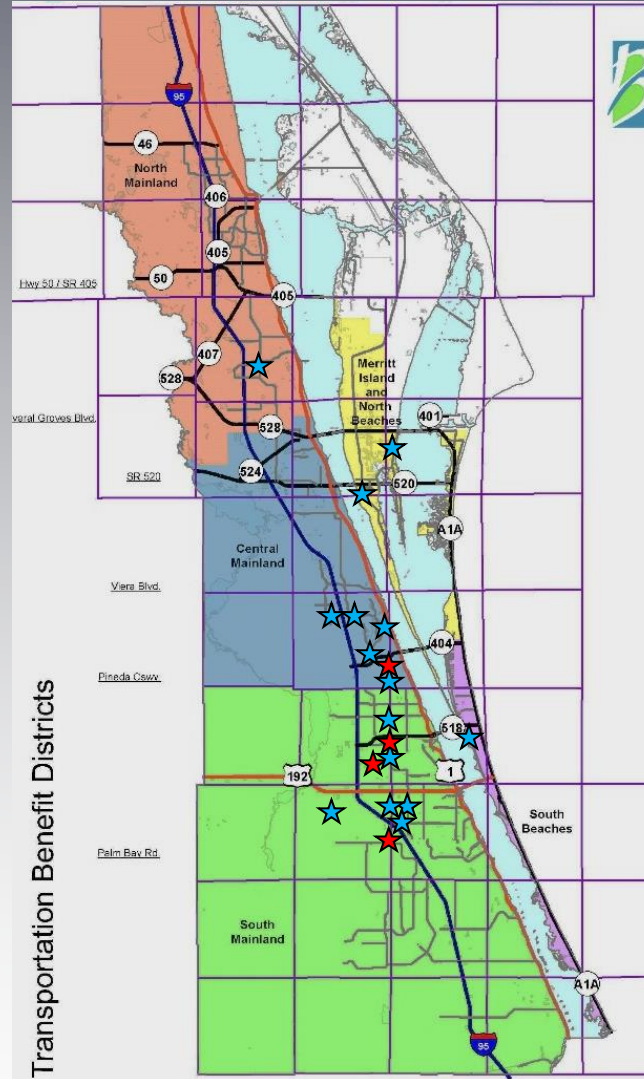


## Central Mainland TIF Benefit District

- Barnes Blvd (1.4 miles)
- Wickham Rd (0.5 miles)
- Wickham Rd (2.5 miles)
- Suntree Blvd (0.4 miles)
- Pineda Cswy (2.7 miles)

## South Mainland TIF Benefit District

- Wickham (2.3 miles)
- Wickham Rd (2.8 miles)
- Ellis Road (1.7 miles)
- Hollywood Blvd (3.1 miles)
- Minton Rd (0.24 miles)
- Minton Rd (2.3 miles)
- Palm Bay Rd (1.5 miles)
- St Johns Heritage Pkwy (3.0 miles)



## North Mainland TIF Benefit District

- Grissom Parkway (0.5 mile)

## Merritt Island & North Beaches TIF BD

- N. Banana River Drive (1.2 miles)
- S. Courtenay Pkwy (0.5 mile)

## South Beaches TIF Benefit District

- Riverside Drive (1.4 miles)

Over-Capacity

Nearing Capacity

Recently Added

- Intelligent Transportation System (ITS):
  - Continuous technology upgrades countywide
  - Remote Monitoring and Operating Capabilities
- Transportation Management Center (TMC):
  - Construction is fully funded (50% grant)
  - Collocated with the Space Coast TPO
- Traffic Congestion Management Study
  - Causes of Congestion (i.e. traffic signal bottleneck)
  - Mitigation Strategies
    - Low-cost technology measures in combination with High Benefit, Intersection Capacity/Efficiency Improvements
- Revenue Generating Options for Capacity and Maintenance February 2022



**The technology used in ITS is constantly evolving**



## Questions?

