

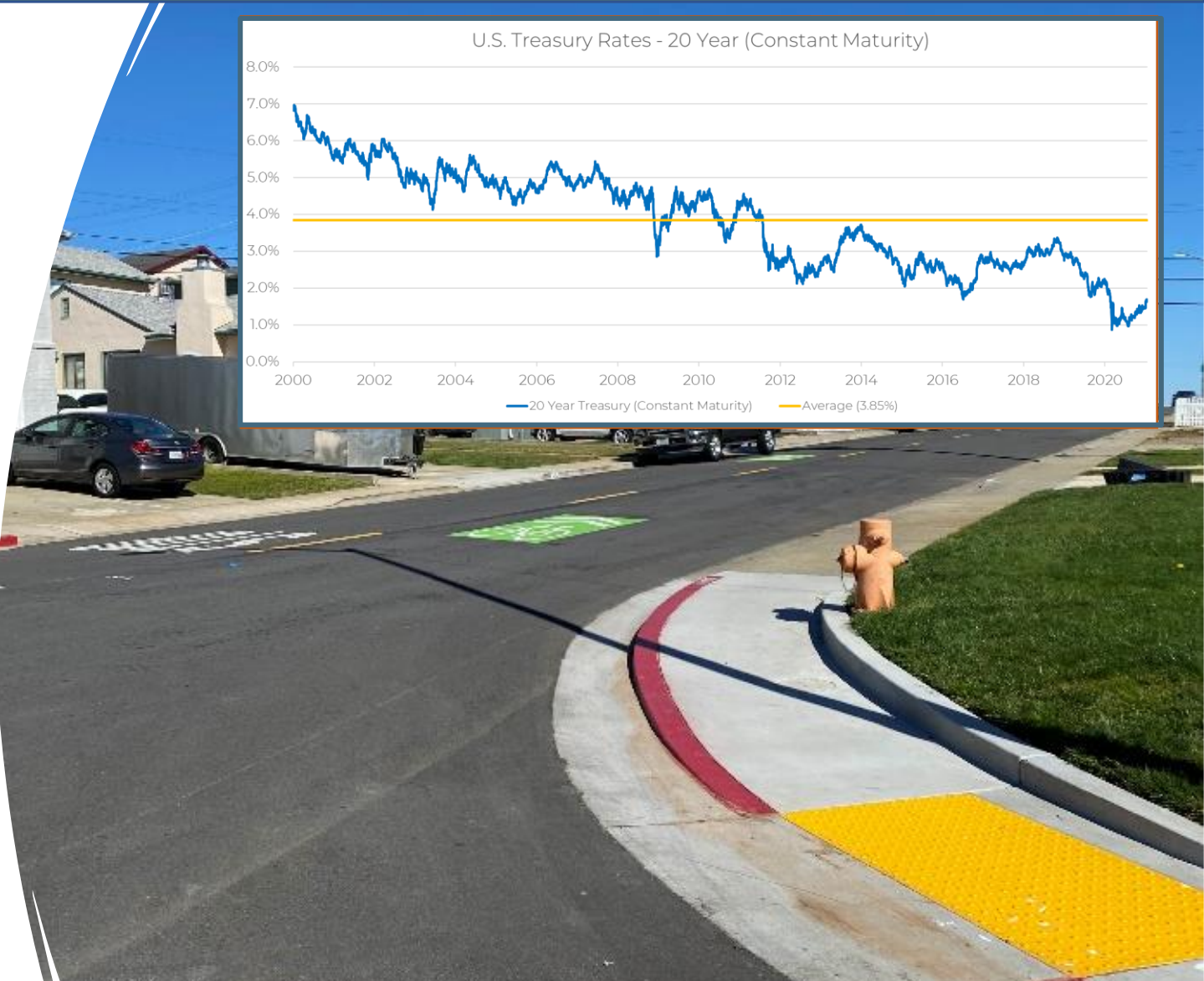
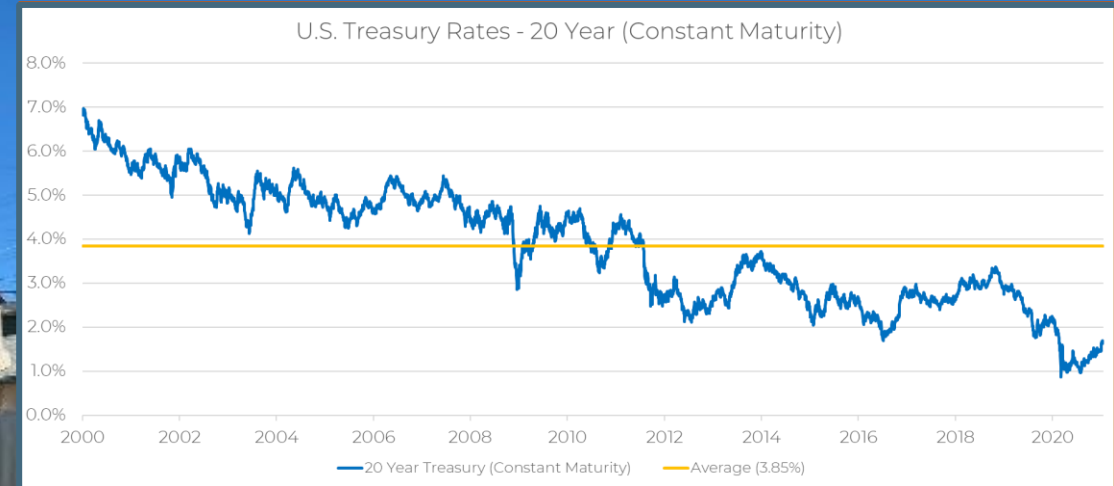


# 2022 West of 101 Pavement Rehabilitation Project

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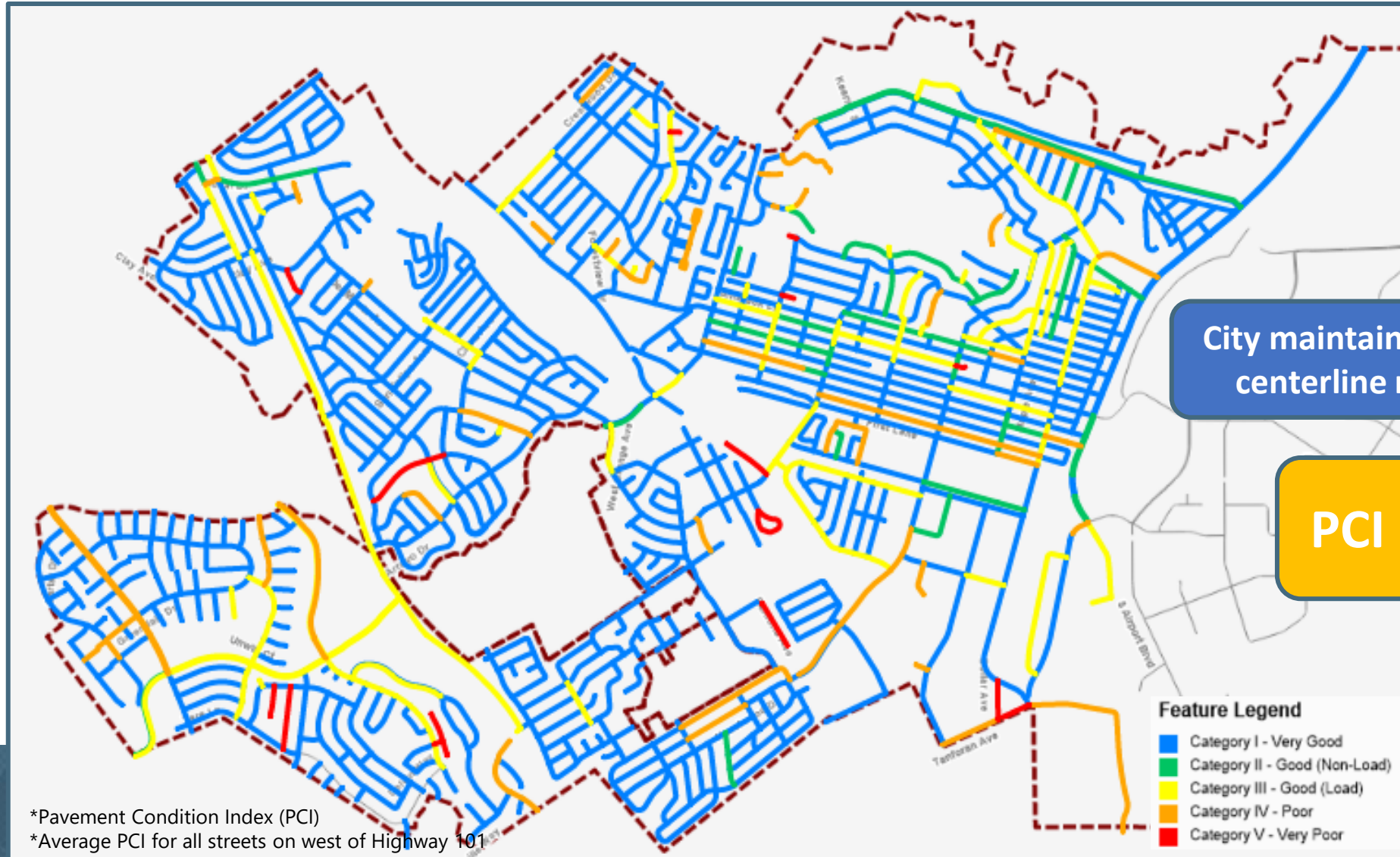
# Innovative Maintenance Approach

- Measure W and Lease Revenue Bonds
- Able to take advantage of historically low interest rates
- Front loaded funds
- Focus on overlay streets
- Maximize economy of paving scale
- >\$2 million per year savings in future maintenance
- Significant roadway improvements to the public throughout the City





# Pavement Condition Prior to Construction



\*Pavement Condition Index (PCI)  
\*Average PCI for all streets on west of Highway 101

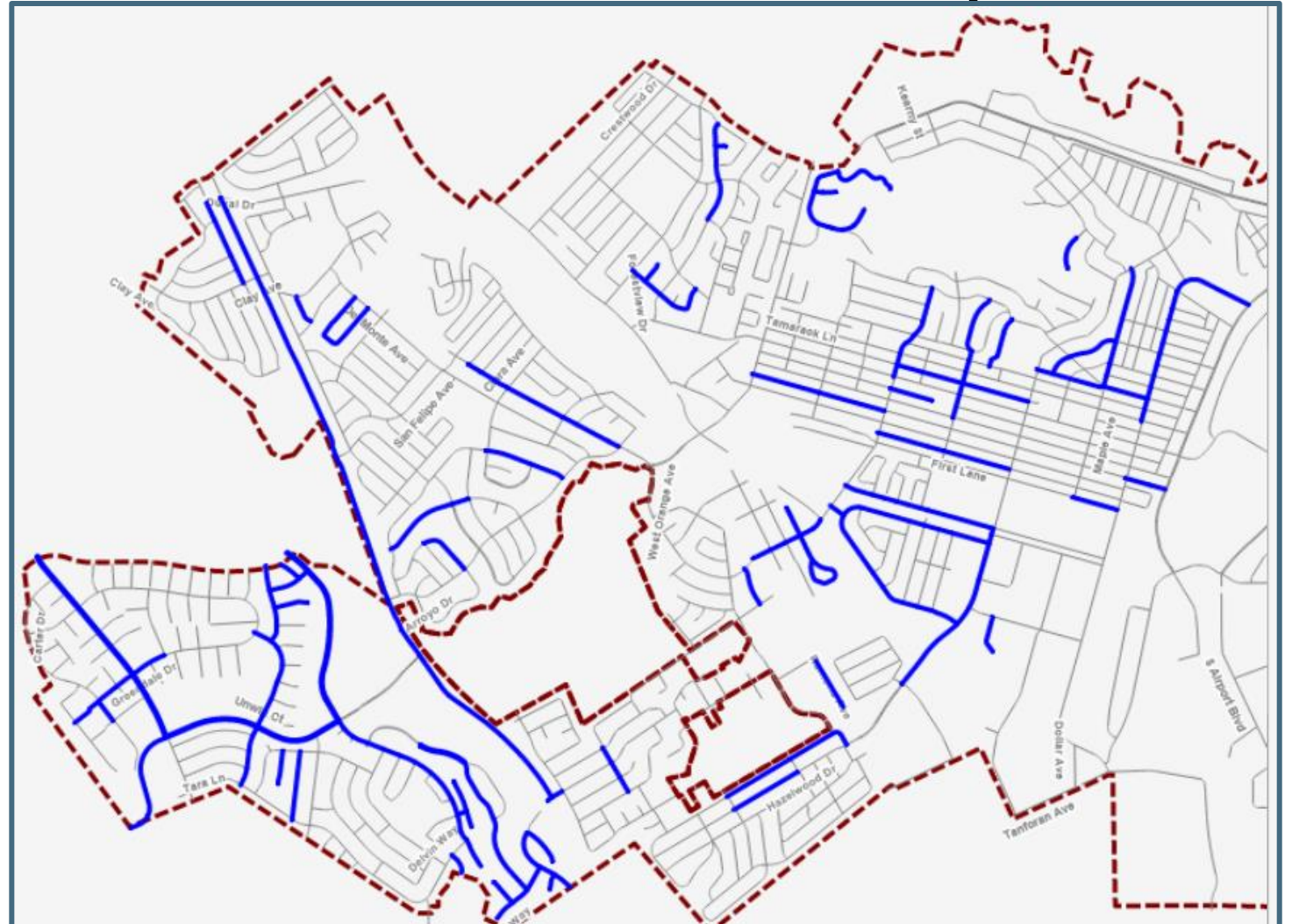
# 2022 West of 101 Rehabilitation Project

Total Construction Cost  
\$19.7 M

Focus on Streets with  
Poor/Failed Condition

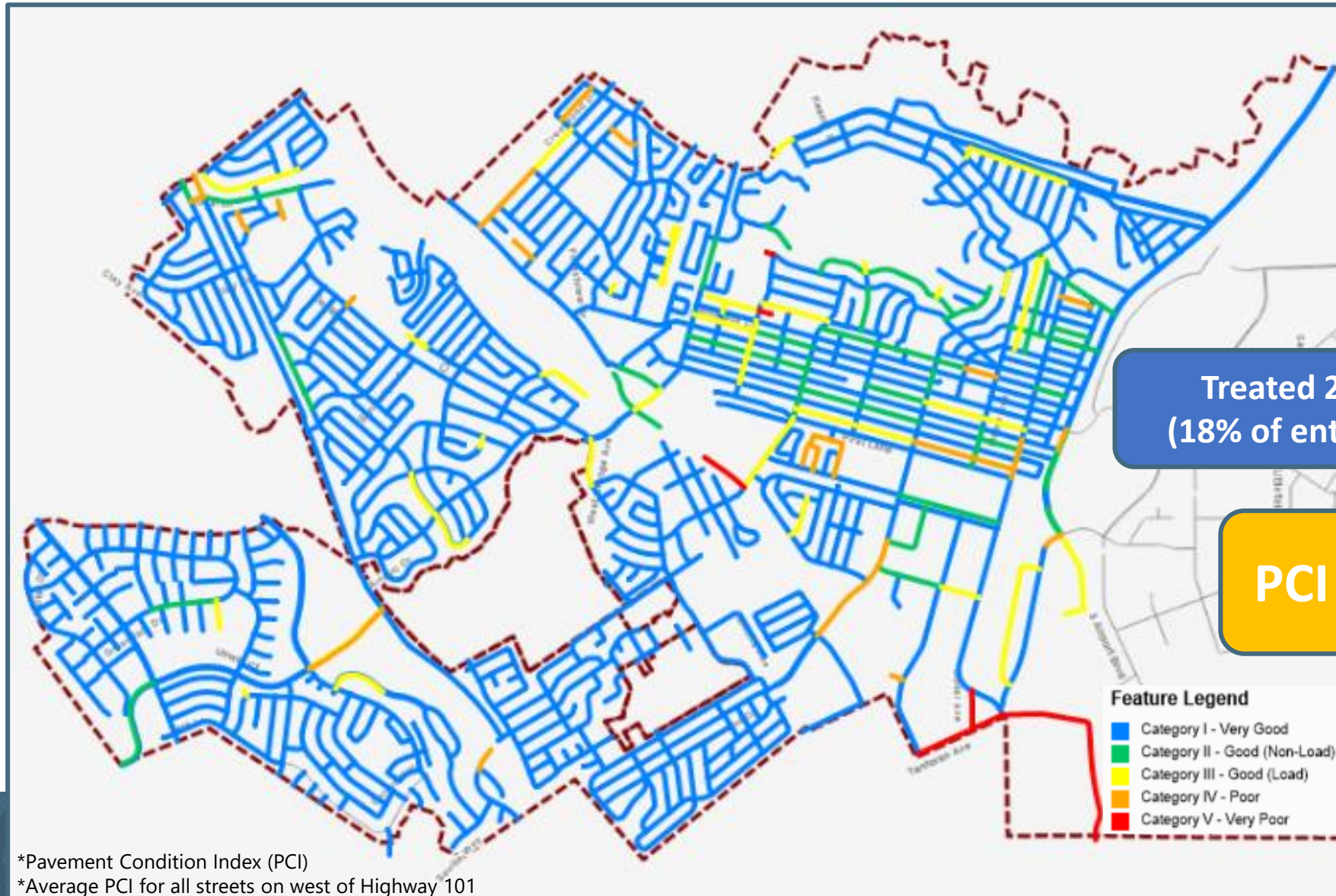
Treat 21.0 CL miles  
(18% of entire network)

Improve Network PCI from  
76 to 81





# Pavement Condition After Construction









# Rubberized Hot-Mix Asphalt

## Extend

Extends pavement longevity

## Cost

Future maintenance cost savings

## Reduce

Reduce noise and CO<sub>2</sub> emissions

## Improve

Improve vehicle fuel economy

## Reuse

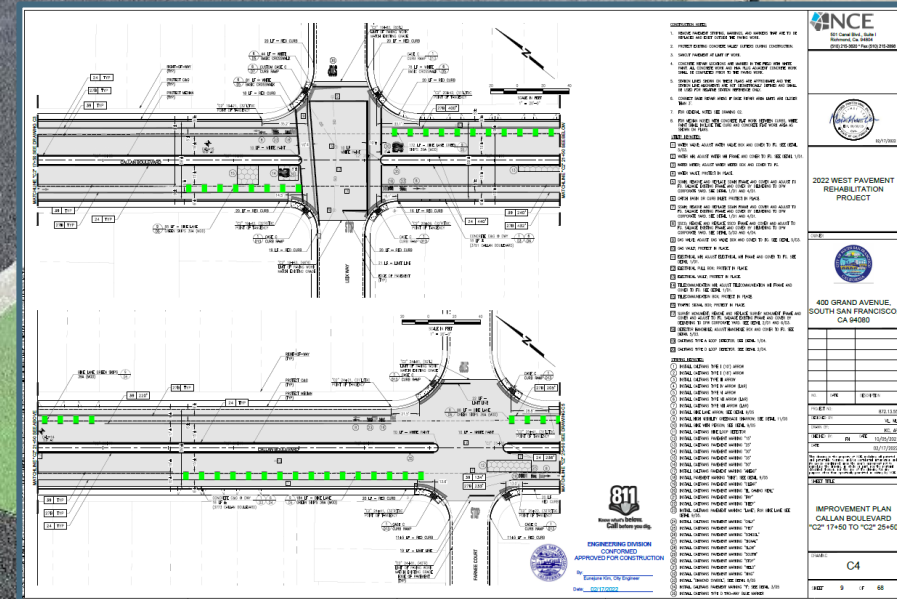
Reuse of scrap tire rubber and diverted over 44,000 tires from landfill disposal





# Bike Lane Improvements

- Added 3.6 miles of Class II bike lanes & 2.3 miles of Class III shared roadway bike routes.
- Bicycle amenity improvements increase bike lane visibility and rider comfort and safety.
- New bike lane corridor allows bike traffic connectivity throughout the neighborhood.





# Ramp Design Challenges and Incorporation of Green Infrastructure

- Ramps constructed to comply with ADA standards within existing challenging site constraints
- Completed 259 ADA compliant curb ramps throughout SSF
- Project incorporated Green Infrastructure elements to improve drainage

*Bulb-out to provide bi-directional crossing and improve pedestrian safety*





# Future Maintenance – Surface Seal By Zone

Innovative Program Allows for Surface Seal by Zone to Reduce Future Maintenance Costs

