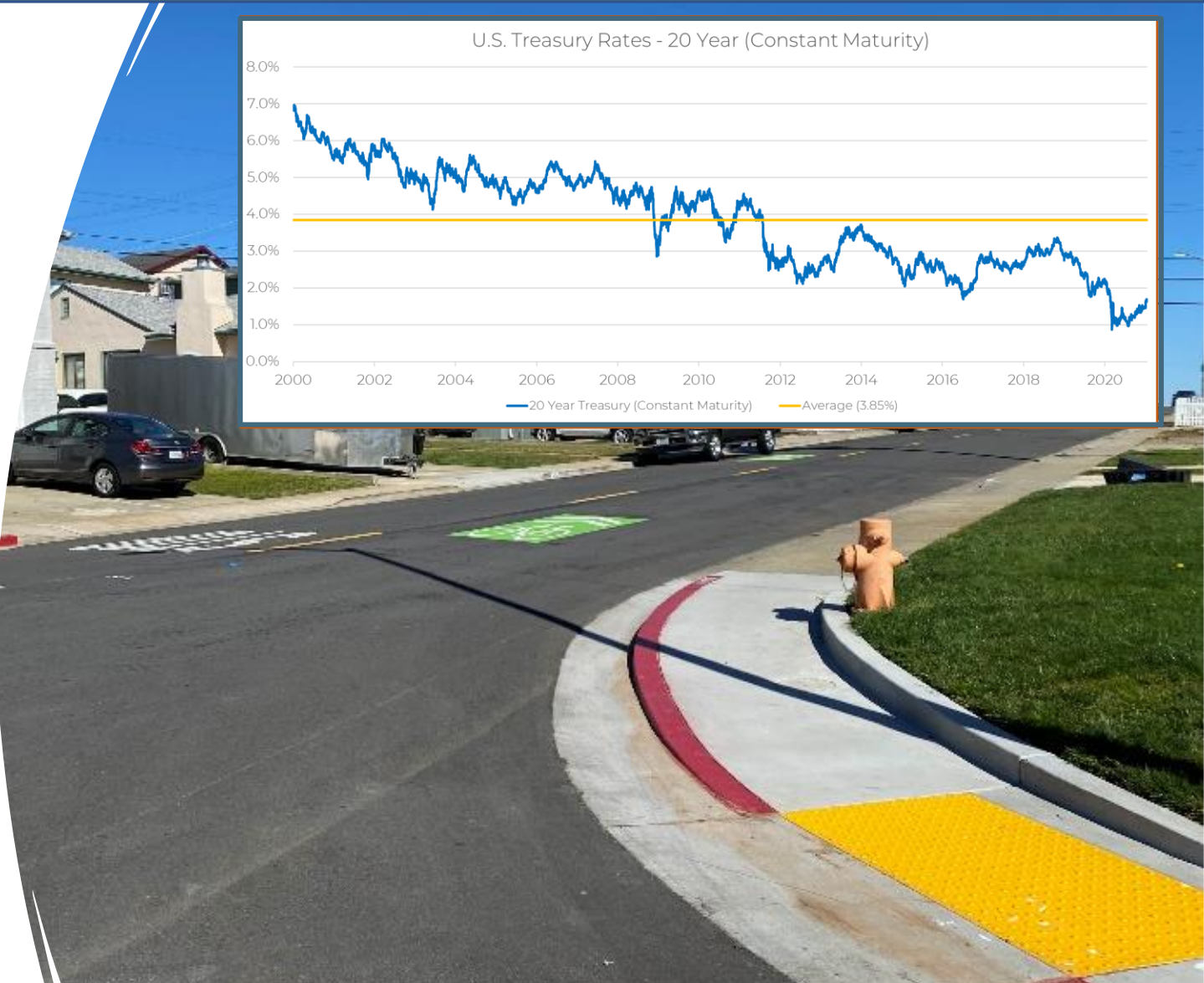
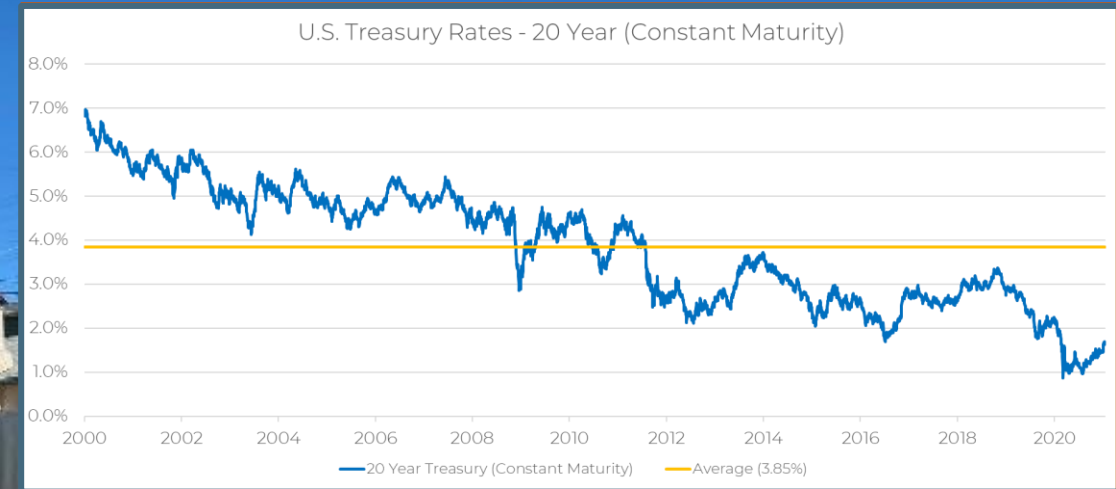




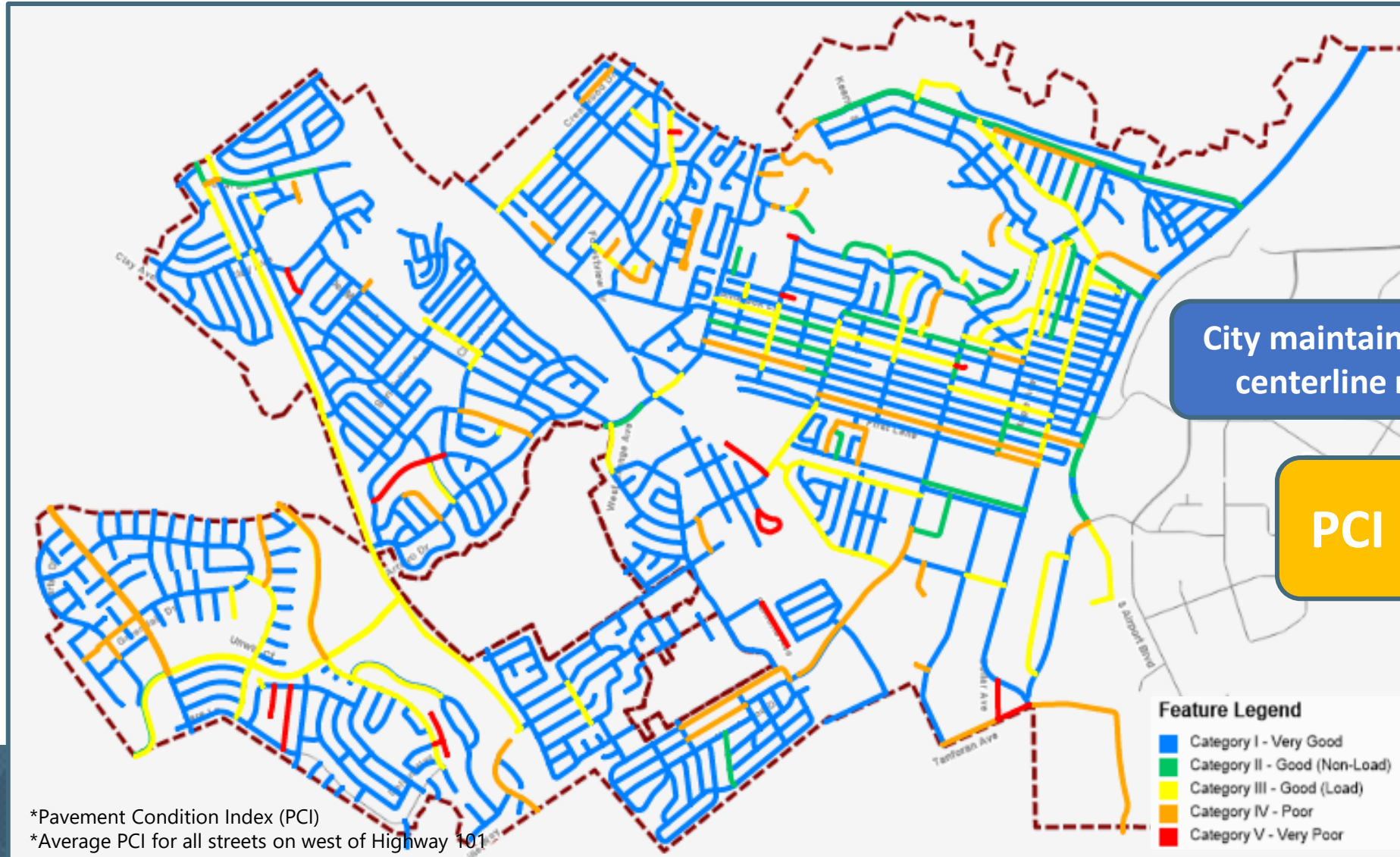
2022 West of 101 Pavement Rehabilitation Project

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

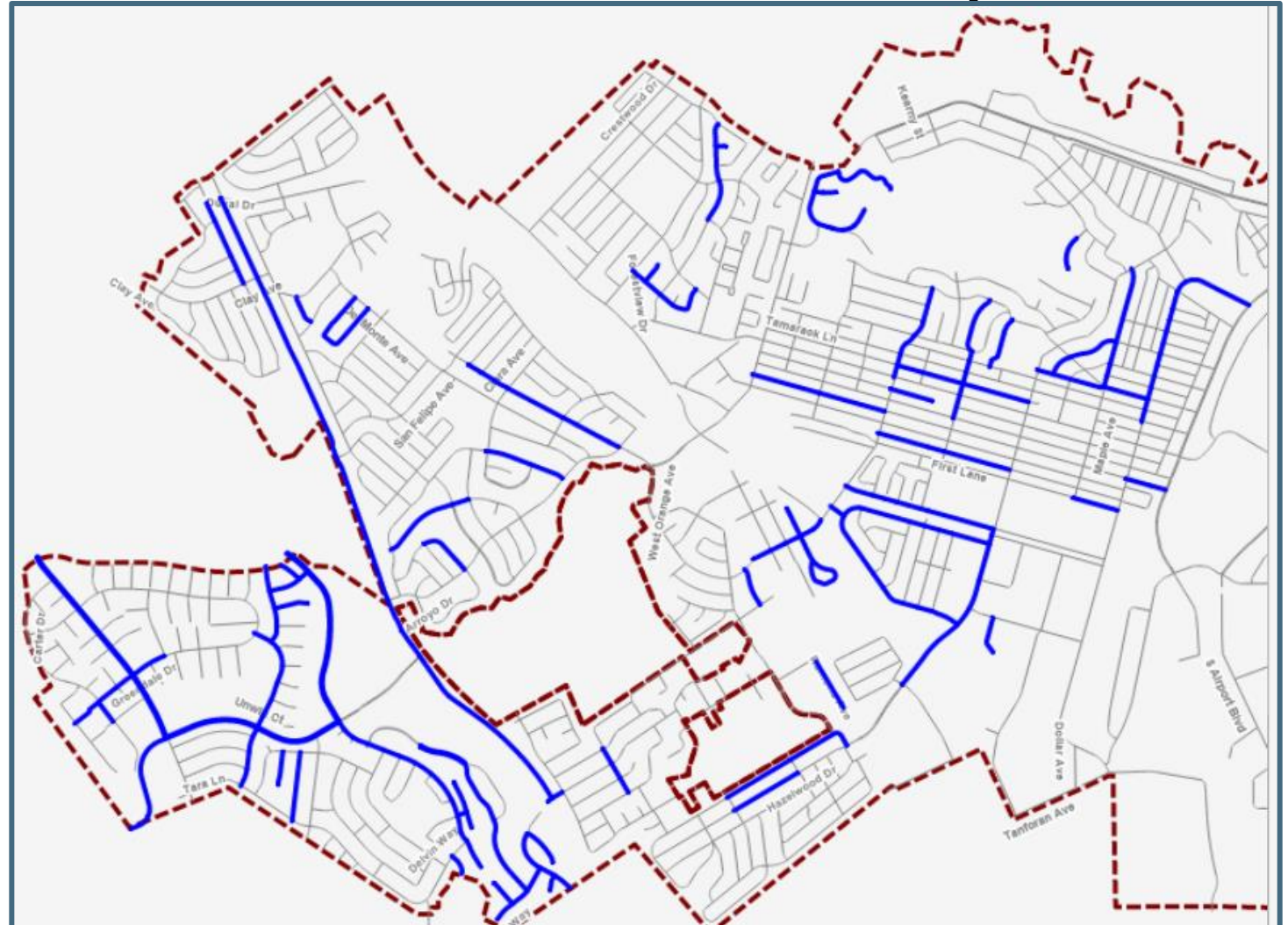
2022 West of 101 Rehabilitation Project

Total Construction Cost
\$19.7 M

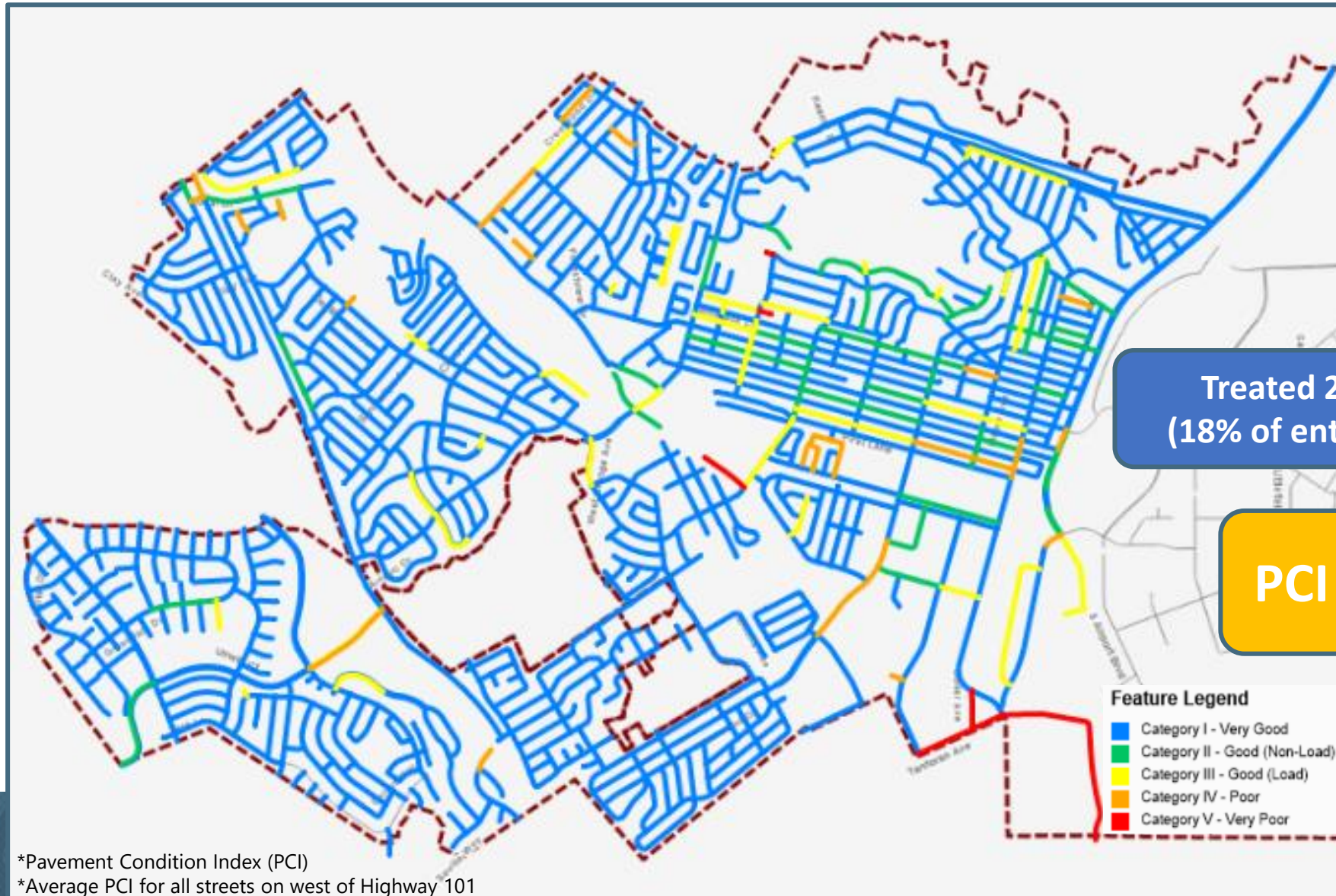
Focus on Streets with
Poor/Failed Condition

Treat 21.0 CL miles
(18% of entire network)

Improve Network PCI from
76 to 81



Pavement Condition After Construction



Recycling Technology

- Cold-In-Place Pavement Recycling
- Eliminated 2,600 Truck Trips
- Recycled 27,000 TONS (13,500 CY) of Asphalt Material in Place
- Minimized Disruption to Community
- 20-30% Cost Savings Compared to Conventional Treatments



Cold-in-place Recycling (CIR) Process

Rubberized Hot-Mix Asphalt

Extend

Extends pavement longevity

Cost

Future maintenance cost savings

Reduce

Reduce noise and CO₂ emissions

Improve

Improve vehicle fuel economy

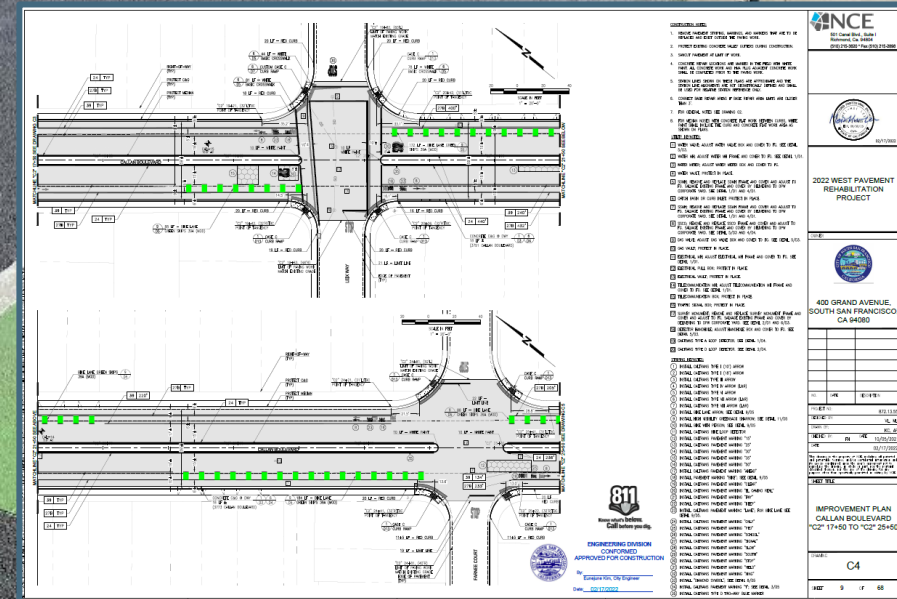
Reuse

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

