



# Pavement Management Program (PMP)

Public Works Commission

July 17, 2024

# BACKGROUND

The City is required to maintain a Pavement Management Program (PMP) in accordance with the criteria established by the Orange County Transportation Authority (OCTA) Ordinance to qualify for the allocation of revenues generated from Measure M.

Funding for streets and roads is provided through the Measure M 1/2-cent sales tax and is distributed to local agencies via both a formulaic and competitive method.



# ROADWAY INFRASTRUCTURE



**168** Miles of Arterial  
Streets (HB to Ventura)



**318** Miles of Residential  
Streets (HB to Bishop)

The City's streets and roads constitute its most valuable asset, estimated at a replacement cost of \$1 billion.

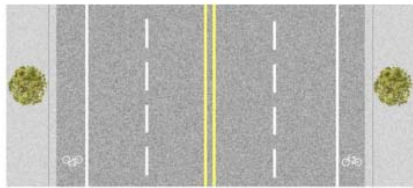
The City maintains a total pavement area of 99,273,000 square feet.



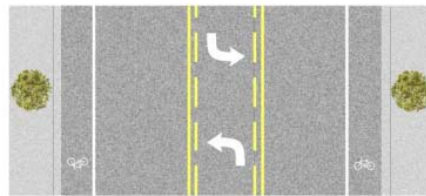
# ARTERIAL vs RESIDENTIAL STREETS

Arterial streets are major routes designed for higher-speed, high-volume traffic flow over longer distances, while residential streets are local roads within neighborhoods, prioritizing safety, accessibility for residents, and a quieter environment.

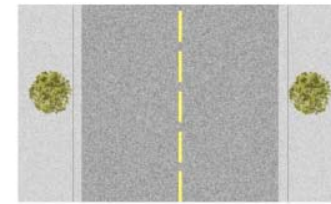
Arterial streets are incorporated into OCTA's Master Plan of Arterial Highways, residential streets are not. Arterial streets are typically more than 40' wide, residential streets are typically less than 40' wide.



Arterial



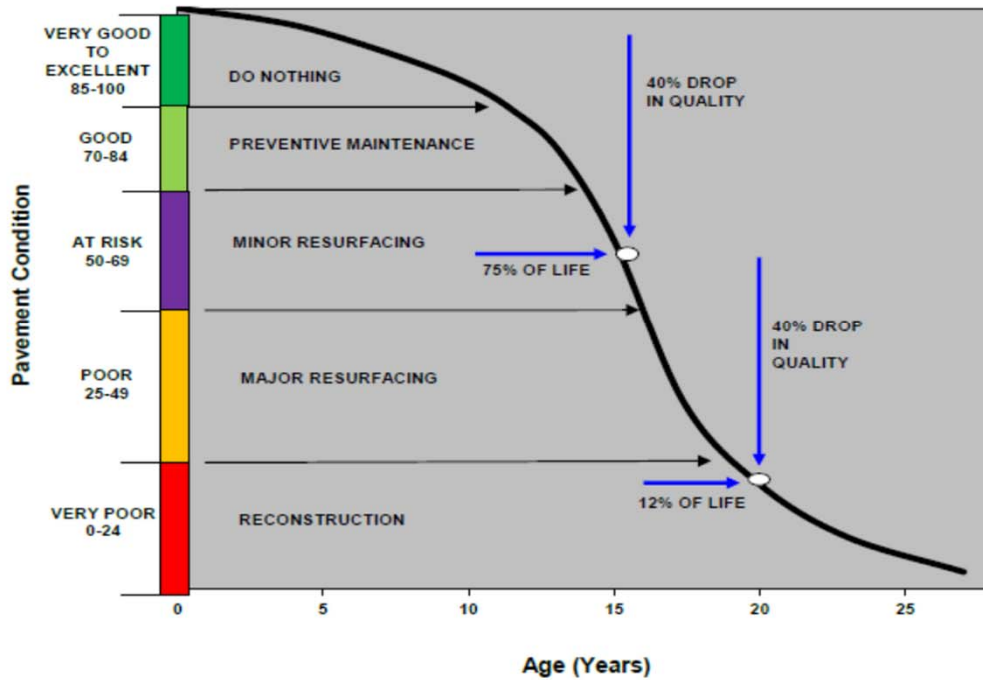
Arterial



Residential



# PAVEMENT CONDITION INDEX (PCI)



Condition	PCI Range
Very Good	(86-100)
Good	(75-85)
Fair	(60-74)
Poor	(41-59)
Very Poor	(0-40)



**PCI = 85 to 100 (Very Good to Excellent)**  
Action → Preventative/Stop Gap



**PCI = 65 to 85 (Good)**  
Action → Surface Treatment (Slurry Seal)



**PCI = 25 to 65 (Poor to At-Risk)**

Action → 2-3" Overlay



**PCI = 0 to 24 (Very Poor to Poor)**

Action → 4"- 6" Thick Overlay or Reconstruction



# HUNTINGTON BEACH STREET NETWORK 2024

- The weighted average PCI for Arterials is 80.4 (Good)
- The weighted average PCI for the Local streets is 82.4 (Good)
- The overall citywide average PCI is 81.7 (Good)





# PCI COMPARISON

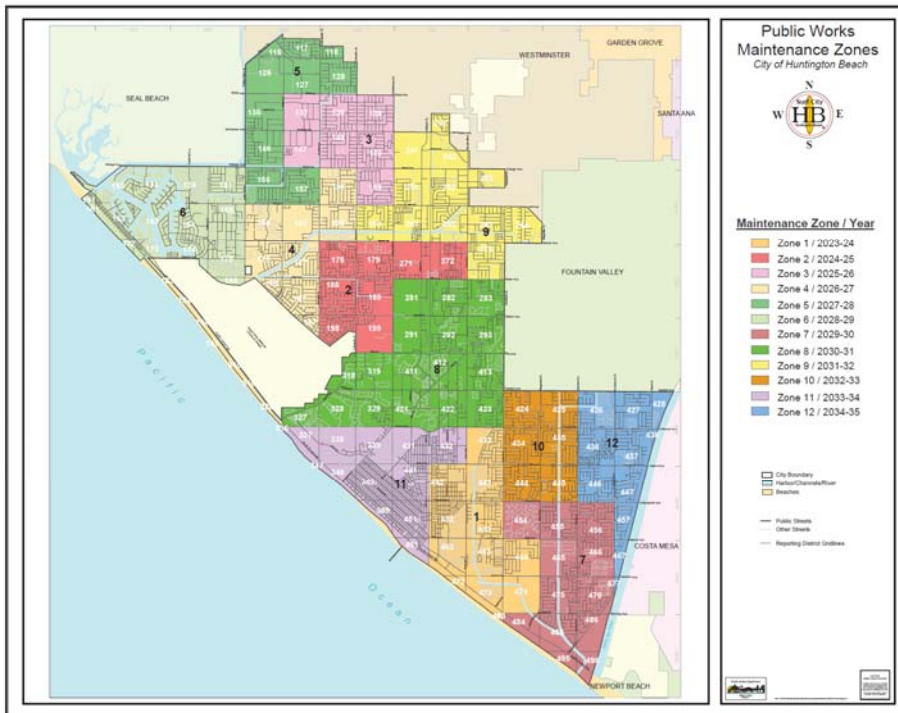
## Average Comparison PCI's

- State of California 65 (Fair)
- Orange County 79 (Good)
- Los Angeles County 67 (Fair)
- San Diego County 63 (Fair)

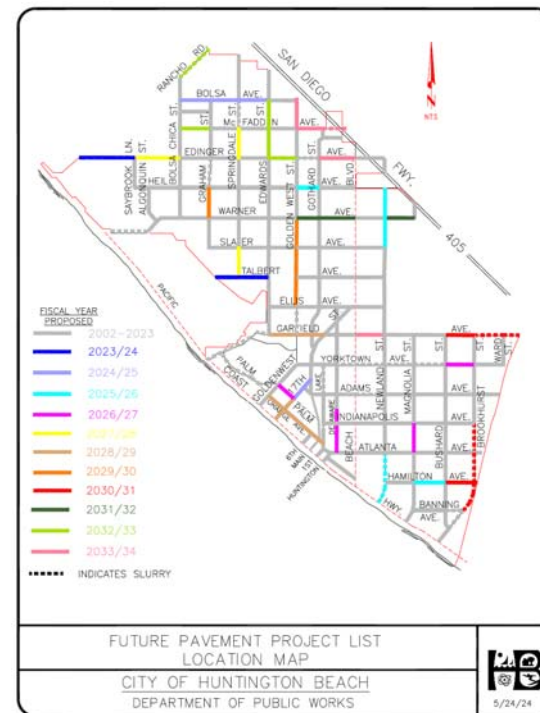


# PAVING PROGRAM

## RESIDENTIAL PROGRAM 12 ZONES



## ARTERIAL PROGRAM 7 YEAR PROGRAM



# FUNDING

## Residential Paving

- \$2M Gas Tax/ Prop 42
- \$1.5M in Measure M
- \$2.45 in Infrastructure Fund
- \$600K in Sewer/Water Fund

## Arterial Paving

- \$5.4M Road Maintenance and Rehabilitation Account (RMRA)
- \$600K Measure M



# Questions?

