



# City of Monterey

## MEASURE X PROJECTS

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# Quick Monterey Traffic Facts



## Where did we go to work in 2017:



## Who uses our roadways?



## City of Monterey Bicycle Facilities



**5.8** miles of Class I Facilities, Bike Path

**15.9** miles of Class II Facilities, Bike Lanes



**1.4** miles of Class III Facilities, Bike Route

**1.1** miles of Class IV Facilities, Protected Bike Lanes



The Monterey Peninsula Recreational Trail is so popular, **200+ bicyclists** used it during the lunch time hour!

## Did You Know?

During the 2018 Labor Day Holiday, over 1,400 pedestrians used Recreation Trail Crossing at the Municipal Wharf Parking Lot and Washington Street in one day!

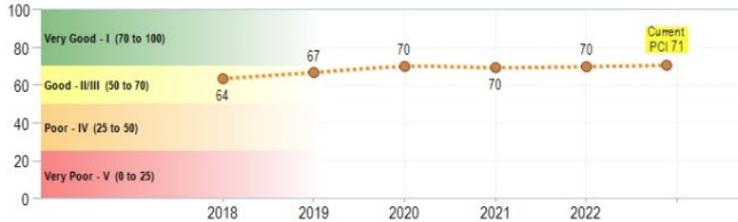


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# City of Monterey Pavement Condition (PCI)

Run Date: 10/31/2023

\*Historical Pavement Condition Trends



\*Current PCI



Network Inventory

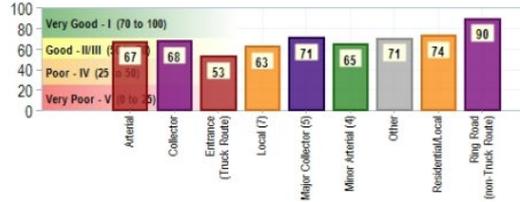
Pavement Area: **0.61**  
*(square miles)*

Miles: **102.92**

Lane Miles: **222.54**

Sections: **1240**

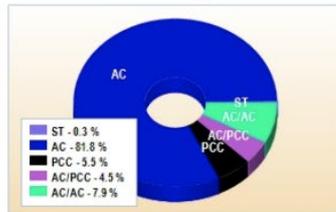
\*Current PCI by Functional Class



Remaining Service Life (years)



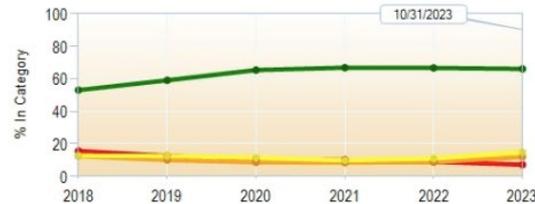
Surface Type



From 12/31/2022



Historical Network Condition Trends



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# The City of Monterey uses Measure X funds in the following CIP Projects:

- Critical Maintenance
- Identified Safety Projects
- Operational Improvements to Transportation System
- Citywide Adaptive Signal System



# Critical Maintenance

- Munras/Webster Conduit & Undergrounding

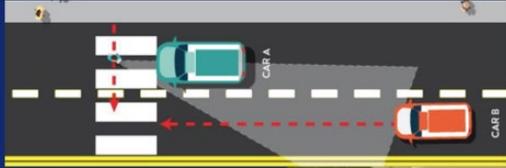


# Identified Safety Projects

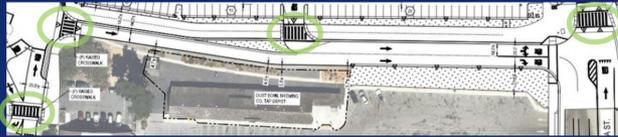
- **Grant Applications, Preliminary Engineering & Design**
  - RSTP Grant Application – Del Monte/Washington, Quick Build
  - ATP Grant Application – Del Monte/Washington, Mark Thomas/Garden/Sloat
  - Design – North Fremont Gap Closure
- **Infrastructure Improvements**
  - Marina Parking Lot Improvements – Recreation Trail Improvements Only



# Identified Safety Projects



Visibility Issues  
Multi-lane threat



## Raised Rec Trail crossings

Raised crosswalks  
can reduce  
pedestrian  
crashes by

**45%**



### FEATURES:

- Elevated crossing makes the pedestrian more prominent in the driver's field of vision, and allows pedestrians to cross at grade with the sidewalk
- Approach ramps may reduce vehicle speeds and improve motorist yielding



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# Operational Improvements to Transportation System

- **Traffic Signal Operations**

- Protected Left Turn Installation at Del Monte/Figueroa & Soledad/Pacific

- **Speed Limit**

- Speed Radar Trailer for Monterey PD
- Engineering & Traffic Survey for Speed Limit

- **Traffic Sign**

- Citywide Wayfinding Sign Program
- Post and Median Alerts

- **Pedestrian & Bike Improvements**

- Rectangular Rapid Flashing Beacons (RRFB)
- Recreational Trail Bike & Ped Counters



# Operational Improvements to Transportation System



Wayfinding sign foundation construction



Virgin Avenue Traffic Circle at Grant, Before Post Alerts 2017



Virgin Avenue Traffic Circle at Grant, After Post Alerts (Daytime) 2023



Example of signs installed during Phase 1

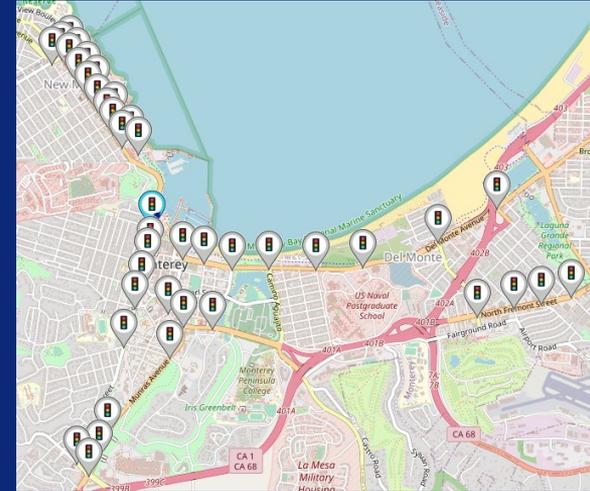


Installation of the Bicycle Counters at Location 2, 2023



# Citywide Adaptive Traffic Signal System

- The City's Adaptive Traffic Signal System is active on 6 of the City's 7 arterial corridors.
  - Completed: Lighthouse, Del Monte, N Fremont, Foam, Munras, Pacific
  - In Progress: Franklin
- 41 intersections on the system currently
- 51 of the 56 intersections will be on the system at the end

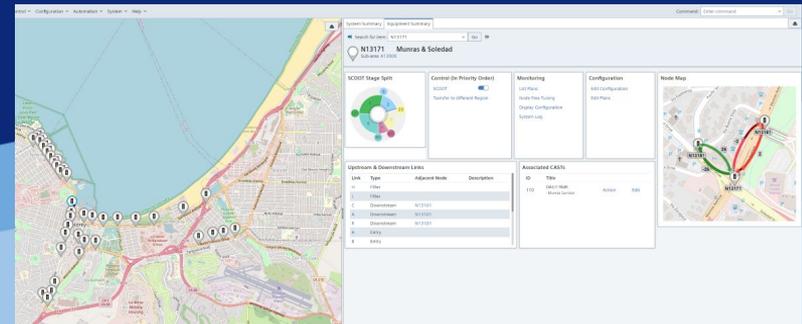


# Citywide Adaptive Traffic Signal System

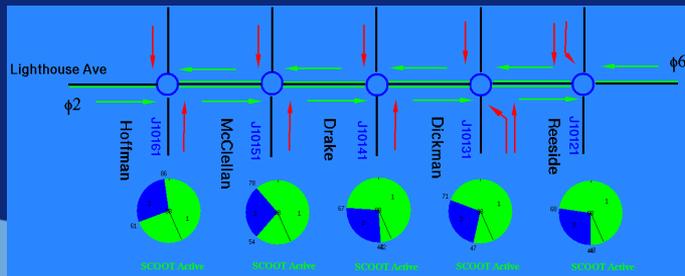
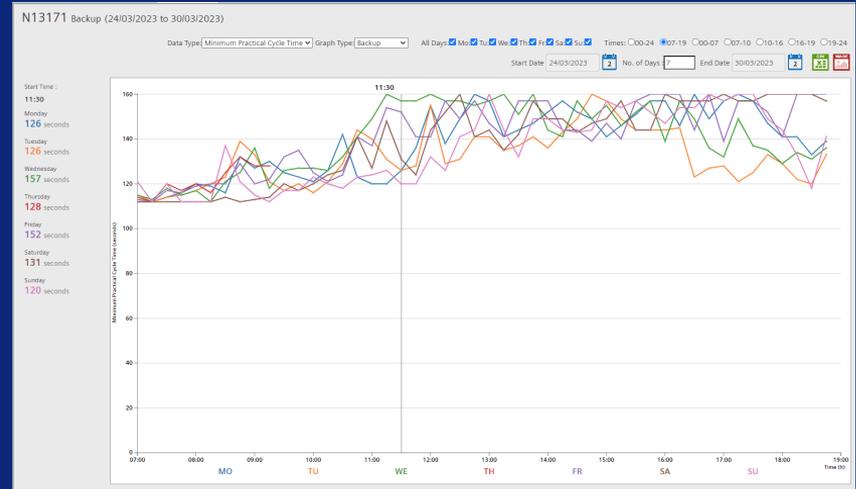
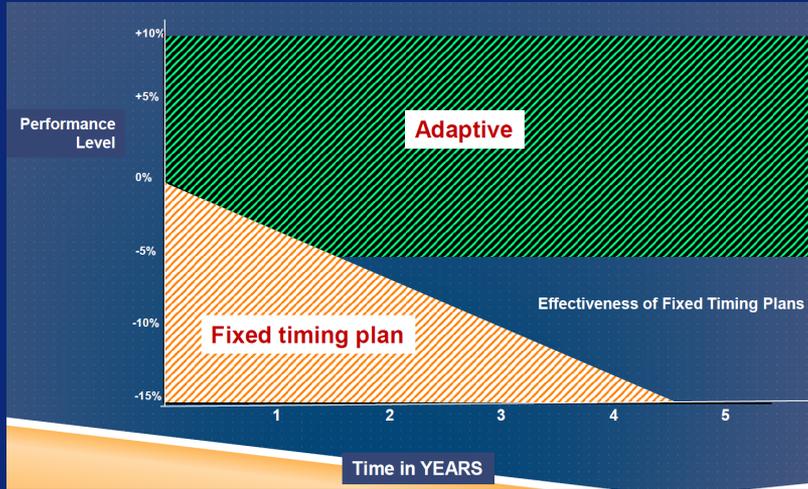
- How does the Adaptive Traffic Signal Work?



- With this information the traffic signal changes the cycle time, splits, and offsets between signals to manage the flow of vehicles as efficiently
- The signal system can change these every 2-3 minutes

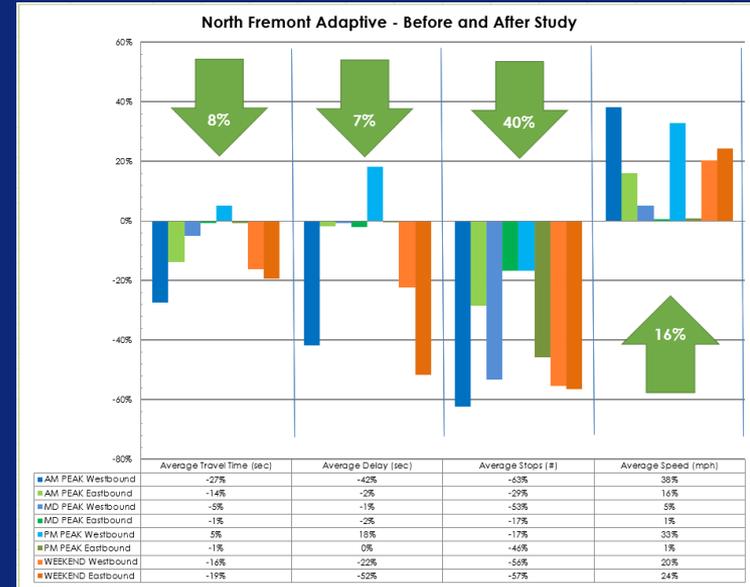
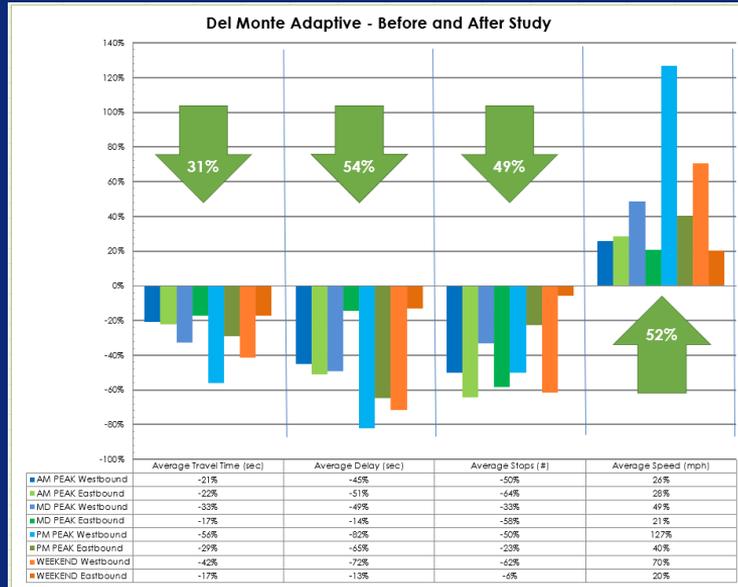


# Citywide Adaptive Traffic Signal System



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# Citywide Adaptive Traffic Signal System



# Upcoming Measure X Efforts

- **Installing Adaptive Traffic Signal System in Downtown Del Monte & Franklin**
- **Installing Rectangular Rapid Flashing Beacons**
- **Local Road Safety Plan (matching grant funds)**
- **ATP Grant Applications for:**
  - Construction of the North Fremont Gap Project
  - Design & Construction of Mark Thomas – Garden – Sloat Bicycle Facilities

