



# Santa Fe Avenue Synchronization Enhancement Project

Department of Public Works - Online Community Meeting

Thursday, October 7, 2021

6:00 PM - 7:30 PM

# Welcome, Introductions, and Zoom Basics

## City of Long Beach, Department of Public Works

- Carl Hickman, P.E., T.E., City Traffic Engineer/Acting City Engineer
- Arek Harmandayan, Traffic Engineering Associate II
- Joy Contreras, Acting Community Relations Officer

## Zoom Basics

- Q&A section will be facilitated at the end of the meeting
- Please stay on mute to avoid background noise during presentation
- Language interpretation available – please click on language preference
- Raise "digital hand" to queue to ask questions for Q&A

# Project Overview

## Project Goals and Background

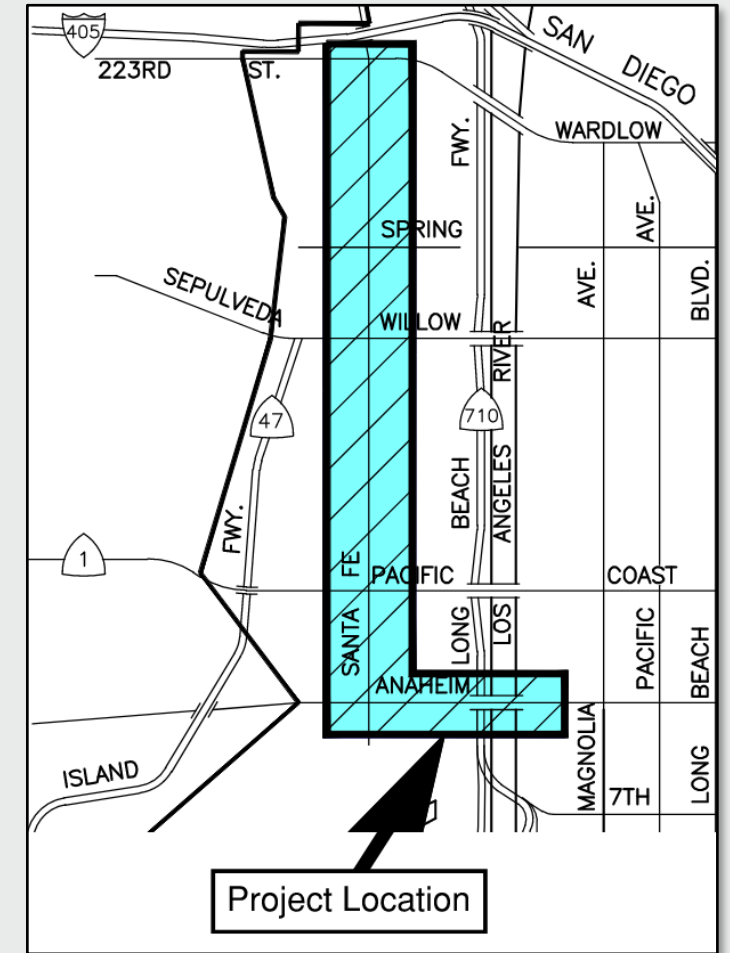
- Perform traffic signal and communication upgrades to improve traffic flow and safety for all road users
- Provide additional signage to improve awareness of bicyclists on the road
- Primary funding source: Metro Grant



# Project Overview (cont.)

## Project Location

- Along the Santa Fe Avenue Corridor between Wardlow Road and Anaheim Street (2.91 miles)
- Along the Anaheim Street Corridor between Santa Fe Avenue and Oregon Avenue (0.83 miles)
- Located in City Council Districts 1 and 7: Project spans over 3.75 miles

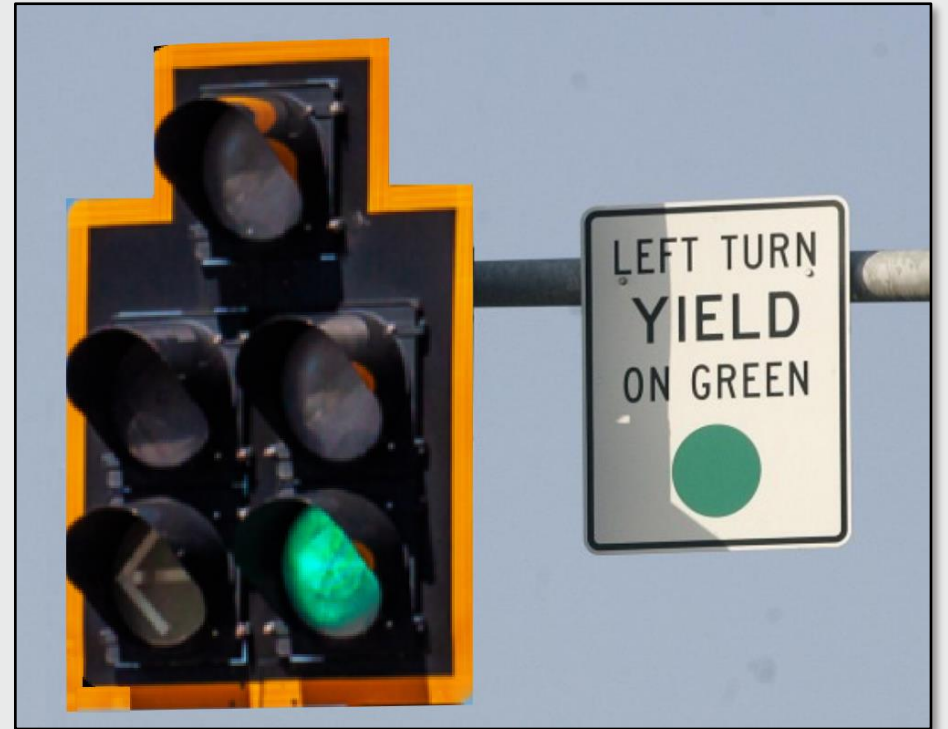




## Traffic Signal Improvements

The following upgrades will be made at 15 intersections:

- Larger signal indications
- New protected left-turn arrows and phasing
- New countdown pedestrian signals
- Upgraded signal integration with emergency vehicles
- Upgraded traffic signal poles and mast arms
- Vehicle and bicycle detection
- LED safety lighting
- Pedestrian pushbuttons
- Pedestrian curb ramps



# Project Improvements (cont.)

## Traffic Signal Communications

- Fiber optic cable upgrades will enhance traffic signal coordination
- Improve fiber optic cable communication between intersections and to City Hall's Traffic Management Center (TMC)
- Install 6 Closed-Circuit Television (CCTV) Cameras
  - This will help monitor real-time traffic conditions
- Two new hub cabinets will house communication equipment needed for the Project and future improvements/expansions of the fiber optic network around Santa Fe Ave

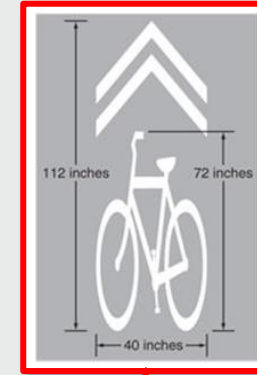


# Project Improvements (cont.)

## Shared Bikeway Upgrades

- New signs and sharrow markings on Santa Fe Avenue between Wardlow Road and PCH
  - Existing parking will not be eliminated
  - Vehicle travel lanes will not be eliminated
  - Bollards will not be installed
- Upgrades to the existing bike route will increase awareness and safety of bicyclists
- Santa Fe Ave is part of the City's Bicycle Master Plan that has an ultimate goal of installing separated bike lanes in the future

Proposed Upgrades:



# Project Schedule, Costs, and Funding

- Design 100% completed
- Anticipated start of construction: Early 2022
- Construction duration: Six - nine months
- Total estimated project cost: \$3,725,000
- Fully funded by the following sources:
  - Metro Grant
  - Gas Tax
  - Proposition C
  - Measure R
  - Traffic Mitigation Program (TMP)





# Questions & Answers

## Zoom Basics

- Please raise your digital hand to line up for questions
- Please ask your question into the Chat
- If you have any questions not covered in the presentation, please contact Joy Contreras at [joy.contreras@longbeach.gov](mailto:joy.contreras@longbeach.gov)

# Thank You!

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