

SOUTH MAIN STREET Corridor Improvements



South Main St Improvements

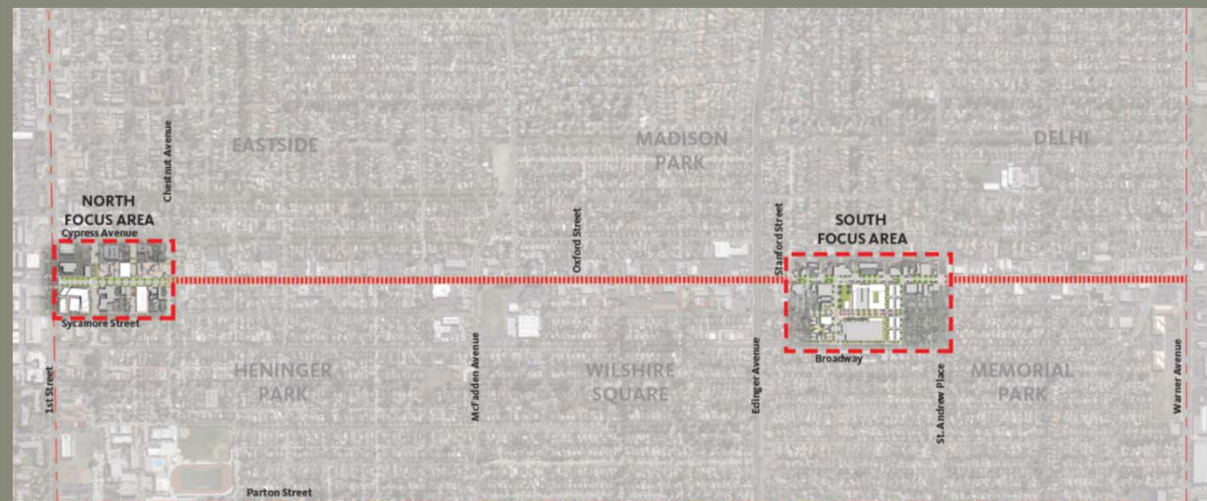
- South Main Vision Plan Implementation
 - SA PWA led
 - Intra Agency Team: Planning Division, Community Development Agency, PRCSA
- Traffic Signal Synchronization
 - OCTA Led; SA PWA Coordination

South Main Vision Plan

- FORMAL PLAN ADOPTED JUNE 2016
- REVITALIZE SOUTH MAIN BUSINESS DISTRICT
 - “Placemaking”
 - Increase Walkability
 - Traffic Calming
- PLANNING TEAM:
 - CSA Elected Officials
 - CSA Staff (CMO, CDA – Lead Agency, PBA, PWA)
 - Community Members
 - Consulting Team: Gensler, UCI
- COMMUNITY OUTREACH
 - Community Survey (paper & web)
 - Outreach Event – SOMOS
 - Outreach Events (2) –Community Open House

Project Area

- **FIRST STREET to WARNER AVE.**
- **TWO FOCUS AREAS**
 - North Focus Area:
 - 1st Street – Chestnut Ave
 - South Focus Area:
 - Stanford Street – St. Andrew



Six Components

SIDEWALK LIGHTING & FURNITURE

VEHICULAR CIRCULATION & PARKING



PEDESTRIAN SAFETY



CULTURE & IDENTITY

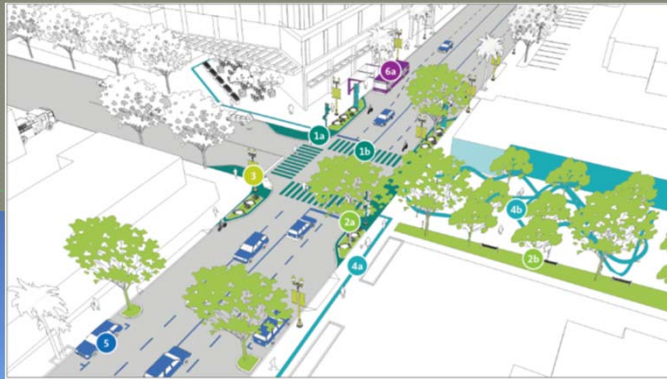


LANDSCAPE & OPEN SPACE

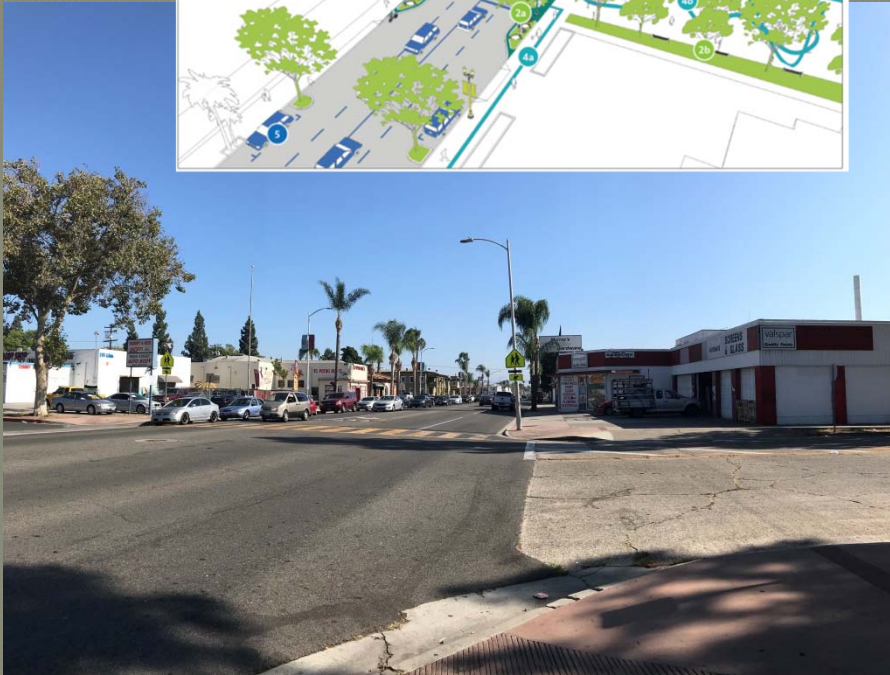


**BICYCLE & TRANSIT
IMPROVEMENTS**

Focus Areas



- Sidewalk extensions/bulb-outs
- Enhanced Crosswalks
- ADA Curb ramps
- Pedestrian Level Street Lighting
- Parking Spaces
- Pavement Rehab



- Street Trees
- ROW Landscaping
- Benches, Trash
- Trail Markers
- Art
- Monuments



Overall Corridor



- Sidewalk Lighting
- Site Furniture
- Street Trees and ROW Landscaping
- Parallel Parking delineation
- Pavement Rehabilitation
- Bus Shelters (Completed)

Status

● Completed:

- Traffic Study
- Collision Reports
- Warrant Studies
- Aerial and Ground Survey
- Geotechnical Study
- Record Research
- Tree Survey
- Street Improvement Plans 50% complete
- Bus Shelters completed December 2017

Schedule

- Complete Contract Documents: March 2019
- Bid Advertisement: April –May 2019
- Contract Award: July 2019
- Construction August 2019 – March 2020

MAIN STREET

Traffic Signal Synchronization Project (TSSP)



- Improve Traffic Flow during Peak Hours
- Relieve Traffic Gridlock during Peak Hours
- Traffic Signal and Intelligent Transportation System (ITS) Improvements to support optimized timing
- Before and After Performance Study
- 2 years Ongoing Maintenance & Operation

MAIN ST TSSP Project Area



- Taft Ave in City of Orange to Culver Dr in City of Irvine

- 4 Agencies

- Orange
- Caltrans
- Santa Ana
- Irvine

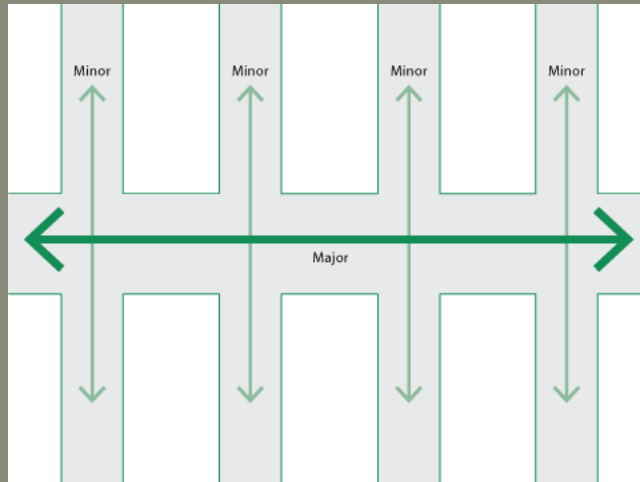
- 12 miles

- 67 Traffic Signal

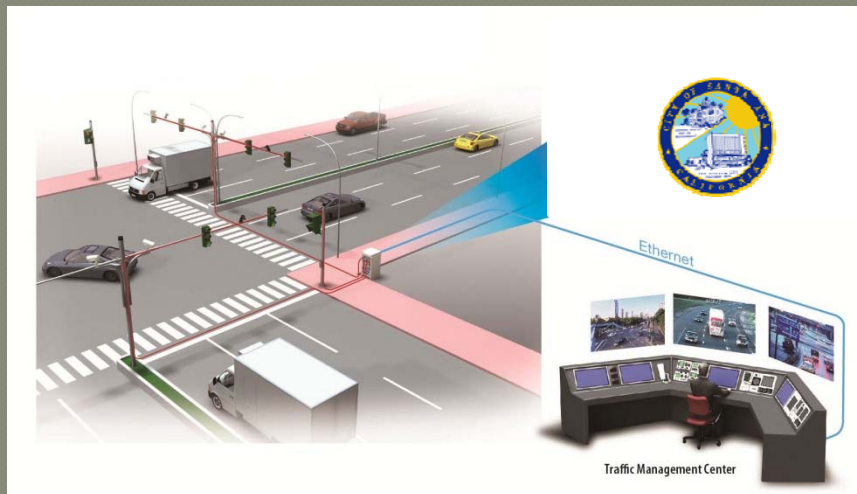
- OCTA - Measure M2 Grant Funding

MAIN ST TSSP

South Main Segment- TSSP Improvements



- Signal Timing Optimization
 - Increase Pedestrian Crossing Timing
 - Shorter Cycle Length – Reduce wait time
 - Bicycle Timing
 - Optimized Timing for slower speeds
 - Adjust timing for off peak volumes – Midday and Weekends
- Countdown Pedestrian Signals and ADA Push Buttons
- Speed Feedback Signs – discourage speeding
- Fiber Optics – Signal Status and Data Collection
- Advance Traffic Controllers – Enhanced Signal Phasing
- CCTV Cameras – Live Traffic Monitoring



MAIN ST TSSP Schedule

- Cooperative Agreements: Jan 2019
- Before Study: May 2019
- Design: May 2019 – October 2019
- Construction: November 2019 – March 2020
- After Study: May 2020

