



# **CAPITAL IMPROVEMENT PROJECTS AUGUST 1, 2019**

**RAJA SETHURAMAN, PUBLIC SERVICES DIRECTOR  
BALTAZAR MEJIA, CITY ENGINEER  
JENNIFER ROSALES, TRANSPORTATION SERVICES MANAGER  
BRUCE LINDEMANN, MAINTENANCE SERVICES MANAGER**



**PUBLIC SERVICES DEPARTMENT  
(714) 754-5343**



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# ADAMS AVENUE MULTIPURPOSE TRAIL



## PROJECT HIGHLIGHTS

- Adams Avenue Improvements Project from Harbor Boulevard to Santa Ana River.
- Improve vehicular, bicycle and pedestrian safety with the proposed raised center median and Class I multi-use path with landscaped buffer.

## PROJECT OVERVIEW

Project scope includes reconstruction of roadway; replacing damaged curbs, cross gutter, spandrel, sidewalk, driveway and driveway approaches; construction of new landscaped medians with drought tolerant shrubs and irrigation; ADA access improvements; buffered bicycle lanes; landscaped parkways; and traffic signal modifications.

## PROJECT FUNDING

<b>Capital Improvement Funds (Design Only)</b>	<b>\$325,000</b>
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## PROJECT SCHEDULE

**Project Status: Design Underway**



# BEAR STREET IMPROVEMENT PROJECT



## PROJECT HIGHLIGHTS

- Provide major rehabilitation to bear street from I-405 to Baker Street.
- Maintain an average citywide pavement condition index (PCI) of 85.

## PROJECT OVERVIEW

The Bear street improvements project includes removal and reconstruction of damaged pavement sections, and overlay with new rubberized asphalt, replacement of traffic markings and signal loops, complete striping and complete parkway improvements.

## PROJECT FUNDING

<b>Gas Tax (RMRA)</b>	<b>\$715,000</b>
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## PROJECT SCHEDULE

**Project Status: Under Design**



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# BEAR STREET TRAFFIC SIGNAL SYNCHRONIZATION PROJECT

COSTA MESA PROJECT UPDATES



## CONTACT INFORMATION

### PROJECT CONTACT:

**SHIRJEEL MUHAMMAD**

SENIOR ENGINEER

(714) 754-5298

SHIRJEEL.MUHAMMAD@COSTAMESACA.GOV

### FUNDING:

MEASURE M2 CTFP FUNDS

### BUDGET:

\$602,252

### STATUS:

IN DESIGN

### ANTICIPATED COMPLETION:

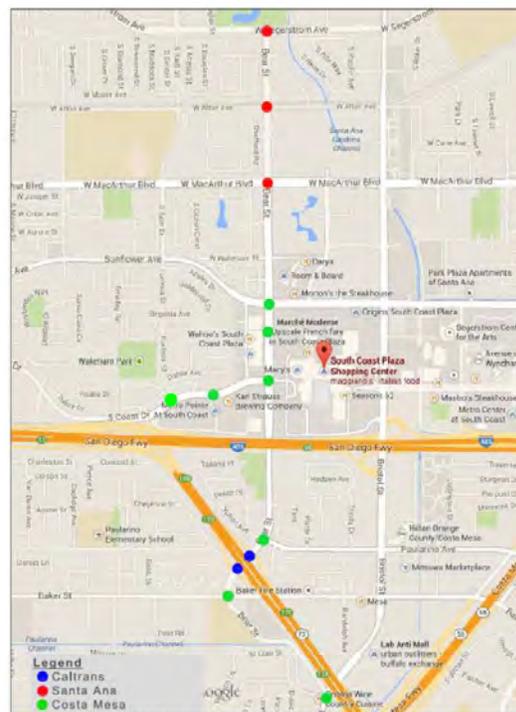
IMPLEMENTATION (DECEMBER 2019)

## PROJECT DESCRIPTION

The Bear Street Traffic Signal Synchronization Project will synchronize the traffic signals on Bear Street from Segerstrom Avenue in the City of Santa Ana to Bristol Street in the City of Costa Mesa. The project includes all 14 signalized intersections along Bear Street within the Cities of Santa Ana and Costa Mesa. The project scope includes signal timing improvements and Closed-Circuit Television cameras (CCTV's). Controllers and cabinet replacements at various locations throughout the project corridor are also included. The Bear Street Corridor Traffic Signal Coordination Project will coordinate traffic signal timing and provide necessary upgrades to traffic signal infrastructure including necessary integration and technical improvements to monitor these signals in the City's Traffic Management system.



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# BICYCLE RACKS CITYWIDE

COSTA MESA PROJECT UPDATES

## CONTACT INFORMATION

### PROJECT CONTACT:

#### JENNIFER ROSALES

TRANSPORTATION SERVICES MANAGER

(714) 754-5343

JENNIFER.ROSALES@COSTAMESACA.GOV

### FUNDING:

CITY FUNDS (FY 18/19-19/20)

### BUDGET:

\$50,000

### STATUS:

COORDINATING WITH BIKEWAY AND  
WALKABILITY COMMITTEE



## PROJECT DESCRIPTION

This project includes installation of new custom designed bicycle racks at various facilities within Costa Mesa.

In FY 2017-18, the project procured sixteen custom made, single-sided bike racks that include a Costa Mesa logo built into the frame to provide a more aesthetically attractive style that is designed for easy use without damaging the bicycles. The bike racks were installed at thirteen parks which follow:

1. Heller Park (2 bike rack locations)
2. Wilson Park (2 bike rack locations)
3. Tanager Park
4. Mesa Verde Park
5. Mesa Verde Library (2 bike rack locations)
6. Canyon Community Park
7. Canyon Park
8. Marina View Park
9. Vista Park
10. Harper Park
11. Pinkley Park
12. Brentwood Park
13. Moon Park

City staff are coordinating the project with the Bikeway and Walkability Committee. The project will procure additional bike racks for installation citywide.



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# BICYCLE RACKS AT CITY FACILITIES

COSTA MESA PROJECT UPDATES

## CONTACT INFORMATION

### PROJECT CONTACT:

**SHIRJEEL MUHAMMAD**

SENIOR ENGINEER

(714) 754-5298

SHIRJEEL.MUHAMMAD@COSTAMESACA.GOV

### FUNDING:

CALTRANS/OCTA BCIP GRANT

### BUDGET:

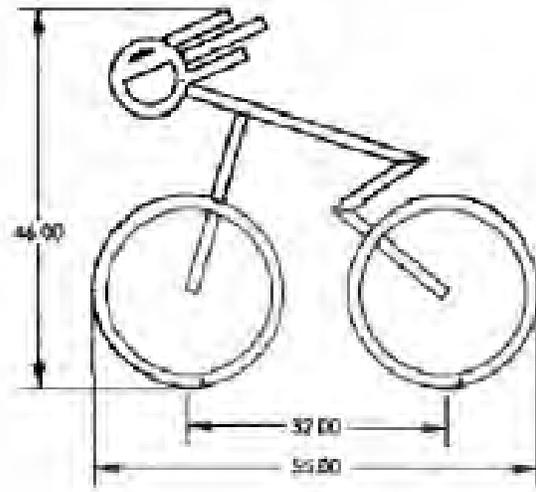
\$34,000

### STATUS:

COORDINATING WITH BIKEWAY AND WALKABILITY COMMITTEE

### ANTICIPATED COMPLETION:

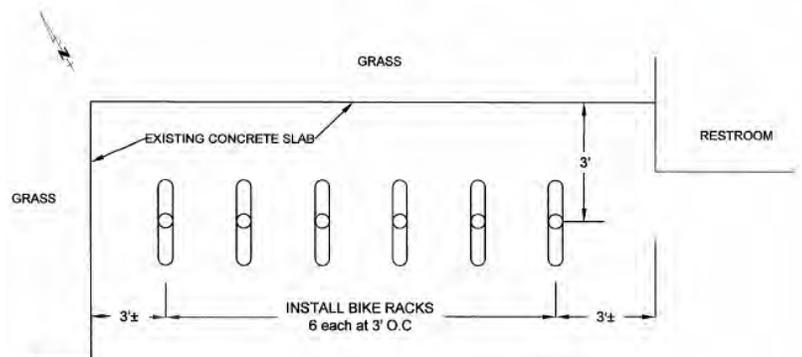
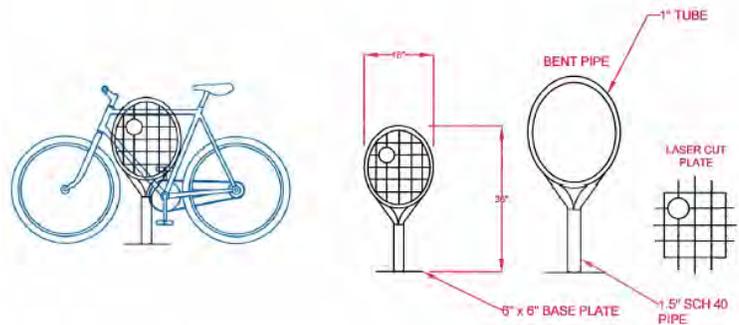
AUGUST 2019



## PROJECT DESCRIPTION

This project includes the installation of new bicycle racks at several City facilities including: Costa Mesa Tennis Center/Volcom Skate Park, the Farm Sports Complex, Neighborhood Community Center, Newport Boulevard Frontage Road, and Vehicle Parking Districts #1 and #2. Additional locations need to be approved by Caltrans.

City staff are coordinating the project with the Bikeway and Walkability Committee. The project will procure additional bike racks for installation at various public facilities citywide.



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# CITY HALL ELEVATOR MODERNIZATION



## PROJECT COMPONENTS



## PROJECT HIGHLIGHTS

- The elevators located in City Hall were originally built and installed by Montgomery Elevators in 1967, with upgrades to the control microprocessor systems completed in 1995. The elevator modernization project will replace the gear boxes, traction machines, motor drives, control systems, governor safeties, door operators. Virtually all the internal operating systems will be updated. The project will also include aesthetic upgrades to cab interior, floor, buttons, lights and panels.

## PROJECT STATUS

- Project design completed with HKA
- Construction expected to begin in Winter 2019 and could take one year for completion.
- Approved in the FY 2019/20 with a budget of \$700,000

## PROJECT SCHEDULE

- |                |          |      |
|----------------|----------|------|
| • Design       | Complete |      |
| • Construction | Winter   | 2019 |
| • Completion   | Spring   | 2021 |



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# CITYWIDE ALLEY IMPROVEMENTS



## PROJECT HIGHLIGHTS

- City owns and maintains 129 alleyways
- City Council approved priority list on November 20, 2007
- 40 alleys remain to be rehabilitated citywide
- 2018-2019 project addresses five of those alleyways
- Replacing 55,000 SF of existing asphalt with concrete

## PROJECT OVERVIEW

The \$500,000 budget includes design and construction of the following alleys:

- Alley No. 18 (Bernard Street, from 19th Street to 19th Street)
- Alley No. 37 (Mace Avenue, from Nutmeg Place to Caraway Drive)
- Alley No. 59 (Santa Ana Ave, from 16th Street to south end)
- Alley No. 83 (Broadway, from Fullerton Ave to Alley No. 82)
- Alley No. 112 (Costa Mesa Street, from Fullerton Ave to Orange Avenue).

## PROJECT FUNDING

This project has funding allocations from Gas Tax and Capital Improvement fund providing \$500,000 for the design and construction.

Gas Tax	\$400,000
Capital Improvement Fund	\$100,000

**Total Project Cost** **\$500,000**

## PROJECT SCHEDULE

Design	Summer 2018 to Winter 2018
Construction	Spring 2019 to Fall 2019



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# CITYWIDE PARKWAY MAINTENANCE PROGRAM



## PROJECT HIGHLIGHTS

- Removal and reconstruction of damaged curb & gutter, sidewalk, driveway approaches, cross gutters, spandrels, and installation of access ramps.
- Maintains safe pedestrian path of travel
- Improves citywide drainage

## PROJECT OVERVIEW

The City's Parkway Concrete Repair Program is designed to repair damaged areas throughout the City, eliminate potential liability associated with aging parkways and maintain safe pedestrian path of travel. Specific locations include maintenance zones 2 and 5, the Westside and Area 5 neighborhoods, and other various locations citywide.

## PROJECT FUNDING

Measure M	\$2,500,000
Gas Tax	\$636,442
<b>Total Budget:</b>	<b>\$3,136,442</b>

## PROJECT SCHEDULE

**Project Construction**                      **Completion Fall 2019**

**Project Status: Under Construction**



# CITYWIDE STREET IMPROVEMENTS PROJECT



## PROJECT OVERVIEW

The overall scope of the Street Maintenance Project includes the removal and reconstruction of damaged pavement sections, milling and overlaying with new asphalt, and reconstruction of damaged parkway improvements over the project limits. Additional improvements include the application of a Type II slurry seal pavement coating, and the replacement of traffic markings, striping, and traffic control. Specific locations include:

- **South Coast Drive** ( Harbor Blvd. to 650' west of Harbor Blvd)
- **Mac Arthur Blvd.**( Santa Ana River to Harbor Blvd.)
- **Scenic Avenue** ( Cadillac Ave. to Hyland Ave.)
- **California Street** (Iowa St. to Minnesota Ave.)
- **Utah Circle** ( California St. to Cul De Sac)
- **Anaheim Avenue** – Bay Street to 19th Street
- **Avocado Street** – College Avenue to Fairview Road
- **Bay Street** – Meyer Place to Maple Avenue
- **Meyer Place** – Hamilton Street to 19th Street
- **Monrovia Ave** – 19th Street to 18th Street
- **Park Avenue** – 19th Street to 18th Street
- **Parsons Street** – Bay Street to Bernard Street
- **Pomona Avenue** – Victoria Street to 19th Street
- **Raleigh Avenue** – Hamilton Street to the Northerly Cul de Sac
- **Santa Isabel Avenue** – Santa Ana Avenue to Tustin Avenue

## PROJECT HIGHLIGHTS

- Provide major rehabilitation to City streets which are in immediate need for improvement.
- Maintain an average citywide pavement condition index (PCI) of 85.



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## PROJECT FUNDING

<i>Measure M</i>	\$2,200,000
<i>Gas Tax</i>	\$500,750
<i>RMRA</i>	\$356,788

**Total Budget: \$3,067,538**

## PROJECT SCHEDULE

**Project Construction: May 2019 to August 2019**

# CLASS II AND III BICYCLE PROJECTS

COSTA MESA PROJECT UPDATES

## CONTACT INFORMATION

### PROJECT CONTACT:

**JENNIFER ROSALES**

TRANSPORTATION SERVICES MANAGER

(714) 754-5343

JENNIFER.ROSALES@COSTAMESACA.GOV

### FUNDING:

CITY FUNDS (FY 2018-2019)

### BUDGET:

\$100,000

### STATUS:

BIKEWAY AND WALKABILITY COMMITTEE  
PRIORITIZED LIST OF CLASS III  
FACILITIES. DESIGN AND  
IMPLEMENTATION TO BE INITIATED IN  
FALL 2019.



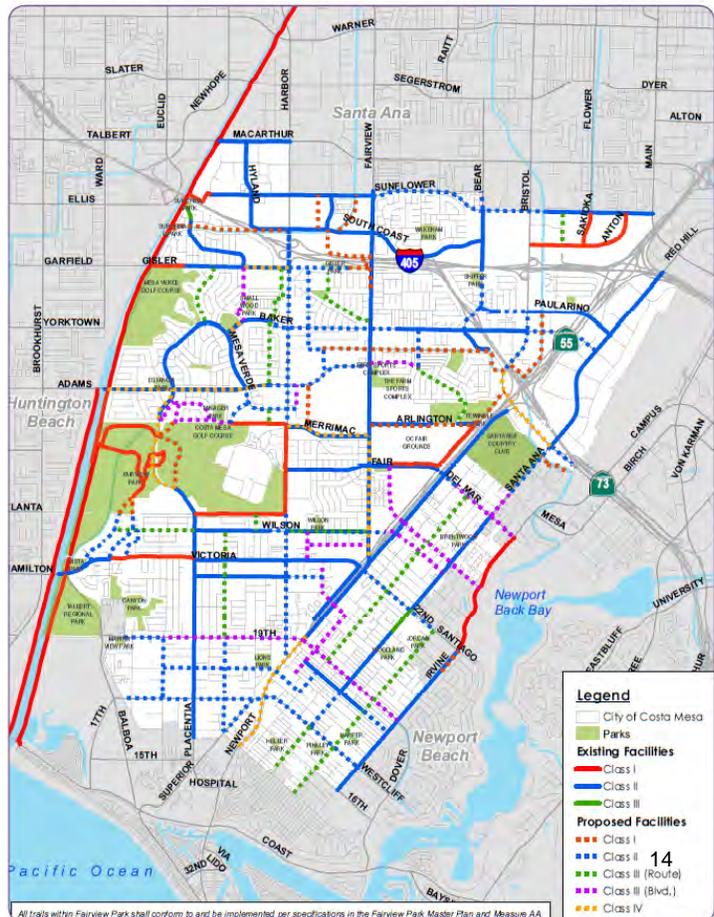
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## PROJECT DESCRIPTION

This project includes implementation of new Class II and Class III bicycle facilities through the City. Class II facilities are on-street bicycle lanes that are typically implemented by restriping lanes and providing a separate lane for bicylists. Class III bicycle facility is achieved by enhanced signing and markings on roadways. There are no separate bike lanes for Class III routes. The enhanced signing and markings are implemented to inform motorists of usage of the street as an active bicycle route.

City staff are coordinating the project with the Bikeway and Walkability Committee.



# CONNECTOR PIPE SCREEN INSTALLATION PROJECT



## PROJECT HIGHLIGHTS

- Connector Pipe Screens are installed at priority catch basin locations for stormwater trash capture
- Drainage areas screened by anticipated trash loads and tributary land use for maximum water quality benefit
- Addresses stormwater pollution and urban runoff by removing debris and suspended solids from stormwater discharges.

## PROJECT OVERVIEW

The Connector Pipe Screen Installation program funds the construction of trash capture inserts throughout the City's extensive network of approximately 1,200 catch basins. Connector pipe screens consist of a perforated metal sheet that filters debris and suspended solids from stormwater. By removing pollutants from the urban environment, this program benefits the City's water quality compliance efforts and advances the City's reputation as stewards of the environment.

## PROJECT FUNDING

- Drainage Fee Fund: \$50,000

## PROJECT SCHEDULE

2019 Installation Cycle

- 130 Connector Pipe Screens to be installed from June to August



# COSTA MESA BRIDGE SHELTER



## PROJECT DESCRIPTION/STATUS

This project provides complete design and construction of a long-term bridge shelter to provide individuals with a fresh start so they may effectively pursue permanent housing opportunities.

- City Council awarded design services contract to Robert Border & Associates on July 2, 2019
- Design services initiated in early July, 2019
- Staff/designer to coordinate with all utilities to expedite the process
- CEQA Mitigated Negative Declaration document is currently out for public review period
- Planning Commission review/approval tentatively scheduled for August 12, 2019
- Airport Land Use Commission review scheduled for August 15, 2019
- Project construction anticipated to start in late-Fall 2019
- City Council approval tentatively Scheduled for September 2019

## PROJECT FUNDING

- Funding for this project comes from both Capital Improvements Fund and the CDBG fund.



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# ELECTRIC VEHICLE CHARGING STATIONS



## PROJECT HIGHLIGHTS

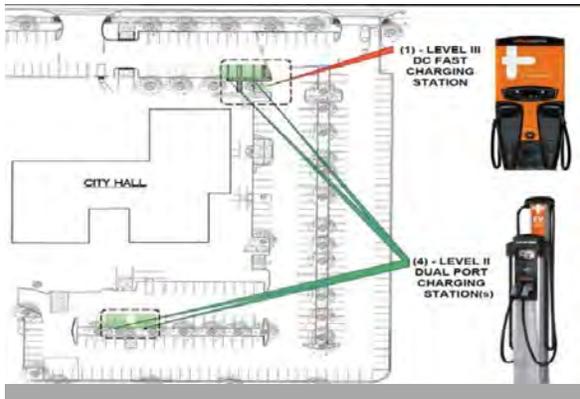
- Aims to facilitate electric vehicle ownership for the Costa Mesa Community
- Supports the City's greenhouse gas reduction and sustainability goals

## PROJECT OVERVIEW

This project includes installation of up to five electric vehicle station equipment (EVSE) or charging stations at City Hall. This includes a combination of Level II and Level III stations with a majority providing dual filling capabilities. The public charging stations will be available to residents and visitors and be charged with City fleet as well as meeting all applicable ADA requirements.

## PROJECT FUNDING

Funding for this project was budgeted in FY 19-20 from a combination of Capital Improvement and AQMD Funds.



# FAIRVIEW PARK

- FAIRVIEW PARK STORM DRAIN
- PACIFIC AVENUE TURNAROUND



## PROJECT HIGHLIGHTS

- Alleviate flooding along the south edge of Fairview Park and the bordering neighborhood.
- Turnaround improvements at the end of Pacific Avenue.

## PROJECT OVERVIEW

The Fairview Park Storm Drain has been identified as a priority in the Master Plan of Drainage as well as the Fairview Park Master Plan. Design and construction of an underground storm drain system along the southern border of Fairview Park near Pacific Avenue will alleviate flooding in the park and the bordering neighborhood. The design of these improvements takes into account biological and archeological resources that exist in the vicinity of the project site.

The end of Pacific Avenue is currently an unimproved dead end. Residents have raised concerns about public safety. The design of the improvement is taking into account biological and archeological resources that exist in the vicinity of the project site and is being revised to reduce the foot print of the proposed improvements to the minimum possible.

## PROJECT SCHEDULE

- Fairview Park Storm drain design is currently being finalized and is 100% complete.
- Pacific Avenue Turnaround design is 80% complete.



# FAIRVIEW ROAD IMPROVEMENT PROJECT



## PROJECT HIGHLIGHTS

- Provide major rehabilitation to Fairview Road from I-405 to Adams Avenue.
- Maintain an average citywide pavement condition index (PCI) of 85.

## PROJECT OVERVIEW

The Fairview Road improvements project includes removal and reconstruction of damaged pavement sections, and overlaying with new rubberized asphalt, replacement of traffic markings and signal loops, complete stripping and complete parkway improvements.

## PROJECT FUNDING

<b>Gas Tax (RMRA)</b>	<b>\$1,178,820</b>
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## PROJECT SCHEDULE

**Project Status: Under Design**



# FAIRVIEW ROAD SAFETY IMPROVEMENTS PROJECT

COSTA MESA PROJECT UPDATES



## CONTACT INFORMATION

### PROJECT CONTACT:

#### JENNIFER ROSALES

TRANSPORTATION SERVICES MANAGER

(714) 754-5343

JENNIFER.ROSALES@COSTAMESACA.GOV

### FUNDING:

HIGHWAY SAFETY IMPROVEMENT FUNDS

### BUDGET:

\$630,540

### PROJECT STATUS:

PROJECT IN DESIGN PHASE

### PROJECT SCHEDULE:

CONSTRUCTION ANTICIPATED TO START  
IN EARLY 2020

## PROJECT DESCRIPTION

This project provides for improved traffic operation on Fairview Road between Baker Street and Adams Avenue by restricting turning movements at various driveways and a new traffic signal at the intersection of Fairview Road and Village Way. This will also enhance the overall pedestrian and bicycle accessibility of this segment of Fairview Road.

The project improvements include a new traffic signal at the Fairview Road and Village Way intersection; new directional medians at the Stater Brother's driveway; new Class II bike lanes, enhance pedestrian crosswalks and bike lane striping; new access ramps, sidewalk replacement and a newly paved roadway.

A Federal Highway Safety Improvement Program Grant in the amount of \$630,540 has been awarded to the City towards the design and construction of the project. City funds are required to fund the match share. The design is complete and the construction is expected to be completed Fiscal Year 2019-20.



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# FAIRVIEW ROAD TRAFFIC SIGNAL SYNCHRONIZATION PROJECT

COSTA MESA PROJECT UPDATES

## CONTACT INFORMATION

### PROJECT CONTACT:

**JENNIFER ROSALES**  
TRANSPORTATION SERVICES MANAGER  
(714) 754-5343  
JENNIFER.ROSALES@COSTAMESACA.GOV

**FUNDING:**  
OCTA MEASURE M2 FUNDS

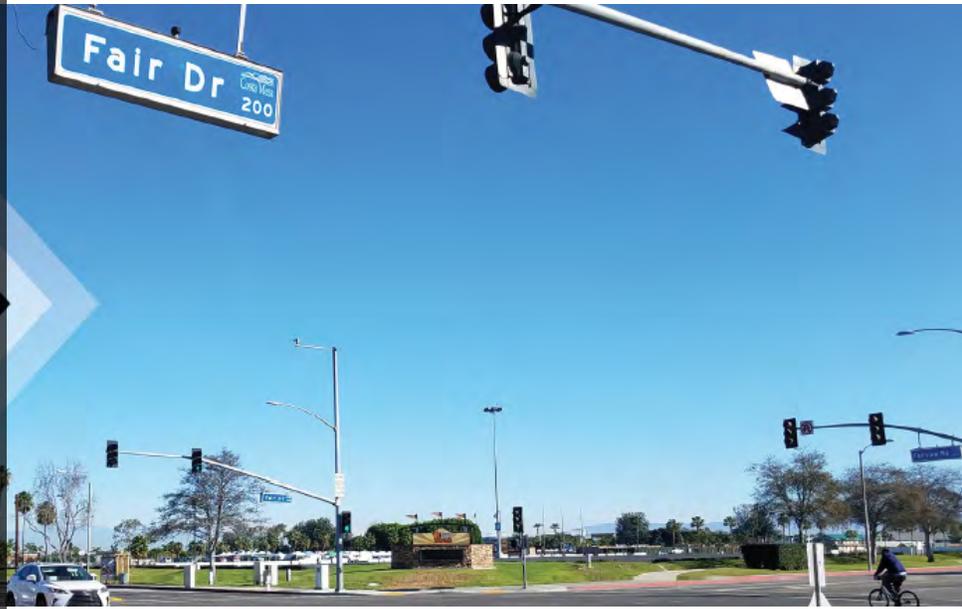
**BUDGET:**  
\$2,118,938

**STATUS:**  
IN DESIGN

**ANTICIPATED COMPLETION:**  
IMPLEMENTATION (DECEMBER 2019)



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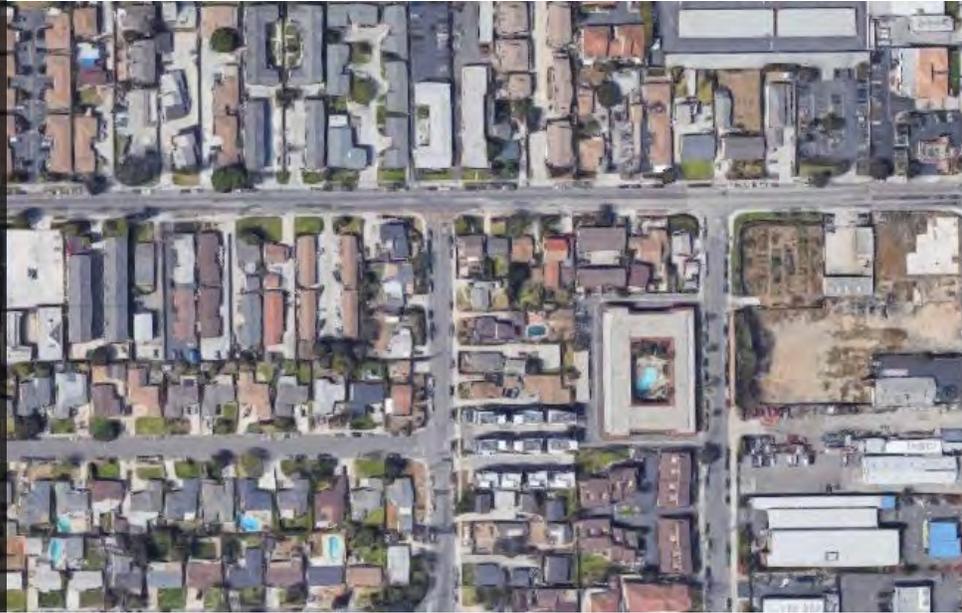
## PROJECT DESCRIPTION

The Fairview Road Traffic Signal Synchronization Project will result in a comprehensive review of traffic signal coordination along the entire length of the corridor from Garden Grove Boulevard in the City of Santa Ana to Southbound Newport Boulevard in the City of Costa Mesa. The project includes 13 signalized intersections in the City of Costa Mesa to be improved and coordinated as part of this project. The scope of work for this project includes:

- Development of optimized traffic signal synchronization timing plans;
- Installation of traffic signal upgrades;
- Communication upgrades;
- Implementation of timing plans;
- Preparation of “before and after” studies; and
- Two years of signal timing maintenance.



# HAMILTON STREET PAVEMENT PROJECT



## PROJECT HIGHLIGHTS

- Provide major rehabilitation to Hamilton Street from Pomona Avenue To Harbor Boulevard.
- Remove and reconstruct damaged curb & gutters, sidewalks, driveway/driveway approaches, cross gutters, spandrels.
- Installation of access ramps to provide safe pedestrian path of travel

## PROJECT OVERVIEW

The Hamilton Street improvement project includes removal and reconstruction of damaged pavement sections with new rubberized asphalt, sidewalk and curb/gutter improvements, replacement of traffic markings and signal loops, signing and striping, and parkway improvements.

## PROJECT FUNDING

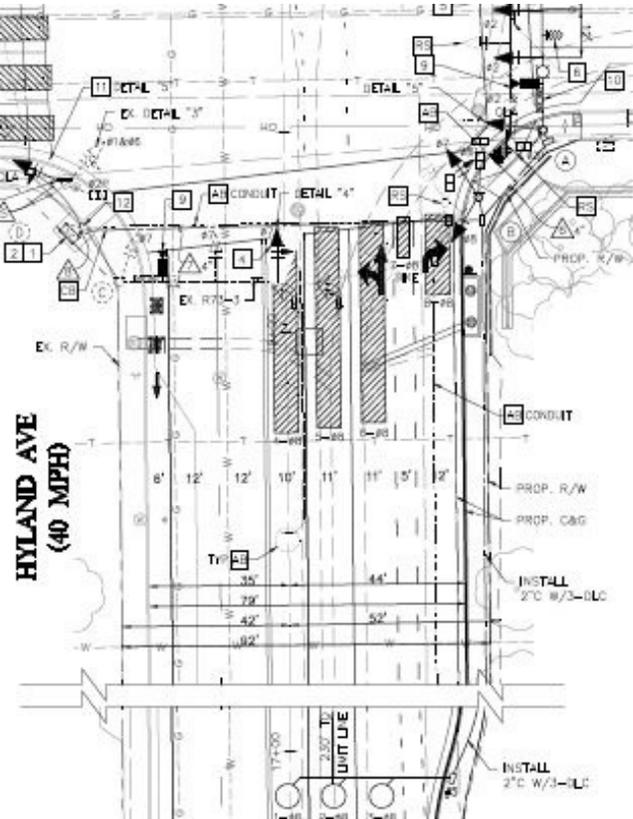
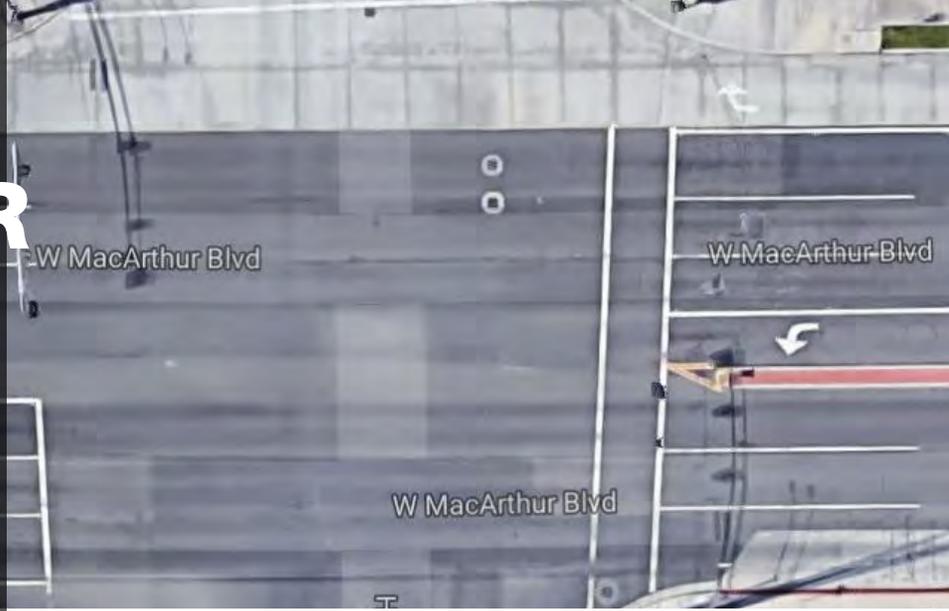
Gas Tax	\$669,261
Measure M	\$430,739
<b>Project Total</b>	<b>\$1,100,000</b>

## PROJECT SCHEDULE

**Project status: Under design**  
**Construction scheduled for Fall 2019**



# HYLAND / MACARTHUR INTERSECTION IMPROVEMENTS



## PROJECT HIGHLIGHTS

- City of Costa Mesa and Santa Ana Joint Effort
- SARX Mitigation (Gisler Avenue Bridge)
- Easement from Segerstrom Property
- New dedicated right turn lane on NB Hyland Ave
- 175 tons of new pavement
- 30 feet of storm drain modifications
- Traffic signal modifications

## PROJECT OVERVIEW

The project will provide a dedicated right turn lane along northbound Hyland Avenue approaching MacArthur Boulevard. Associated traffic signal, pavement, and utility modifications are included in the design.

Thereafter, City of Santa Ana will be responsible for maintaining the intersection per the 1997 Traffic Signal Maintenance Cost Sharing Agreement.

## PROJECT FUNDING

This project has funding allocations from a Measure M2 Grant and Traffic Impact Fees providing for the design and construction.

Measure M2	\$400,000
Traffic Impact Fees	\$200,000

**Total Project Cost                      \$600,000**

## PROJECT SCHEDULE

Design	Completed Winter 2018
Construction	Spring 2019 to Fall 2019



# I-405 IMPROVEMENT PROJECT

COSTA MESA PROJECT UPDATES

PHOTO BY OCTA | WWW.OCTA.NET/405IMPROVEMENT

## CONTACT INFORMATION

### OCTA PROJECT CONTACT:

**CHRIS BOUCLY**

PUBLIC OUTREACH DEPARTMENT  
MANAGER  
(888) 400-8994  
405PROJECT@OCTA.NET

**NICOLETTE LA PIANA**

COMMUNITY RELATIONS SPECIALIST  
(888) 400-8994  
405PROJECT@OCTA.NET

### CITY OF COSTA MESA CONTACT:

**JENNIFER ROSALES**

TRANSPORTATION SERVICES MANAGER  
(714) 754-5343

### STATUS:

**CONSTRUCTION UNDERWAY**

**COMPLETION OF FAIRVIEW BRIDGE  
BY DECEMBER 2020**

## PROJECT UPDATE

Orange County Transportation Authority (OCTA), in cooperation with the State of California Department of Transportation (Caltrans), is implementing improvements to the I-405 Freeway between the SR-73 and I-605 Freeways. The project includes the addition of one (1) mixed-flow lane and one (1) express lane, and the conversion of the existing High Occupancy Vehicle (HOV) lane to an express lane.

In the City of Costa Mesa, major elements of the project include the direct connector ramps between the SR-73 and I-405 Freeways; reconstruction of the Fairview Bridge; realignment of the southbound I-405 onramp from Harbor Boulevard; and sound walls. The significant component of the project in Costa Mesa is the re-design and reconstruction of the Fairview Road/I-405 Interchange and approaches to Fairview Road. There will be multiple traffic detour plans for various phases of the project.

Median removal work began on Fairview Road in January 2019 in preparation for the bridge work which began in February 2019. The median removal work on Fairview Road has been completed.

City staff are providing project coordination with the OC405 design build team which includes weekly team meetings, design and traffic control plan reviews, permitting, construction inspection, and public outreach.

OCTA has conducted public outreach meetings and meetings with South Coast Plaza, Orange County Fairgrounds, and Newport Mesa Unified School District to discuss the construction schedule.



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# JACK HAMMETT SPORTS FIELDS IMPROVEMENTS INCLUDING ADA

Jack R. Hammett  
Sports Complex



## PROJECT HIGHLIGHTS

- Addition Of Five New Garage Type Storage Structures
- Additional Parking
- ADA Improvements
- New Sign And Monument
- New Roundabout

## PROJECT OVERVIEW

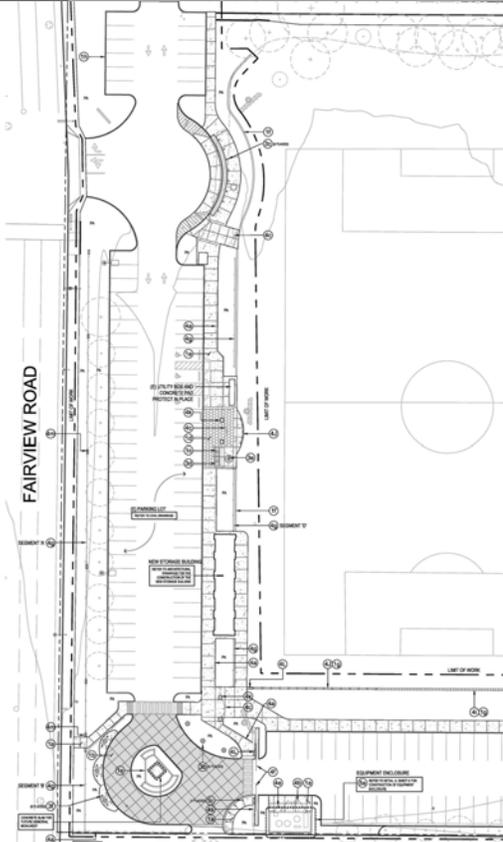
Located at 2750 Fairview Road, Jack Hammett Sports Complex is a 14.5-acre park with six lit utility fields, a restroom building, picnic benches, and on-site parking. This park has continued to be popular among local sports teams and is shared locally with residents and youth sports groups via the FUAP. In 2017 Jack Hammett Sports Complex became the official training camp location for the NFL team the Los Angeles Chargers. The improvements proposed at this site include: the addition of five new garage type storage structures; additional parking; ADA improvements; a new sign and monument; and a roundabout to ease traffic flow.

## PROJECT FUNDING

Funding was budgeted in FY 15-16 and FY 16-17 from a combination of Capital Improvement and Park Development funds. This budget provides funding for both the design and construction.

## PROJECT SCHEDULE

David Volz Design is working to complete the design of the improvements. Construction will begin in Fall 2019. Construction needs to be completed in Spring 2020 for use by the Los Angeles Chargers Training Camp.



# LIONS PARK PLAYGROUND IMPROVEMENTS



## PROJECT RENDERINGS



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## PROJECT HIGHLIGHTS

- Grumman F9F-2 Panther Jet remains integral part of project
- New play equipment
- Improved landscaping and irrigation
- Enhanced supporting facilities
- Improved lighting and concrete pathways
- First Community Meeting held January 12, 2019

## PROJECT OVERVIEW

In anticipation of the exciting improvements at Lions park, including the new library and neighborhood community center, improvements will take place to the playground area south of the new library. The playground's main feature is a Grumman F9F-2 Panther jet flown by the U.S. Navy in the 1950s. The plane was installed in 1960 and will remain as part of the improved playground. This project will provide new play equipment, enhanced play area, landscaping, irrigation, supporting facilities, lighting and concrete pathways.

## PROJECT FUNDING

The approved budget of \$2,045,000 includes funding from the Park Development Fund to cover design and construction.

Park Development Fund	\$2,045,000
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<b>Total Project Cost</b>	<b>\$2,045,000</b>
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## PROJECT SCHEDULE

Design	January 2019 to December 2019
Construction	January 2020 to December 2020

# THE LIONS PARK PROJECTS



## CONSTRUCTION PROGRESS



## PROJECT HIGHLIGHTS

- Demolition of existing 20,000 sq. ft. Neighborhood Community Center
- New approximately 23,000 sq. ft., two-story LEED Gold Certified Library
- Lions Park Improvements adding 1 acre park/event lawn
- New surface parking lot
- Renovation of the existing Donald Dungan Library into a repurposed 9,300 sq. ft. LEED Silver Certified Neighborhood Community Center

## PROJECT STATUS

- Library Grand Opening May 24, 2019.
- Mechanical and Electrical LEED Commissioning underway.
- The new parking lot behind the Historical Society is complete.
- The underground storm water retention basin is complete.
- The new one-acre park is complete.
- Street improvements along Park Ave are complete.
- The new NCC is under renovation.
- Hazardous materials have been abated.
- Select demolition is nearly complete.
- Underground utility construction has begun.



**PUBLIC SERVICES DEPARTMENT**  
[www.lionsparkprojects.com](http://www.lionsparkprojects.com)  
**(714) 754-5323**

## PROJECT SCHEDULE

### Project Construction

**August 2017 to Summer 2020**

Phase 1 (Library)

Opened May 24, 2019

Phase 2 (NCC Renovation)

May 2019 to Summer 2020

# MERRIMAC WAY SIDEWALK & BIKEWAY IMPROVEMENTS PROJECT

COSTA MESA PROJECT UPDATES



## CONTACT INFORMATION

### PROJECT CONTACT:

**SHIRJEEL MUHAMMAD**

SENIOR ENGINEER

(714) 754-5298

SHIRJEEL.MUHAMMAD@COSTAMESACA.GOV

### FUNDING:

CITY CIP FUNDS

### BUDGET (DESIGN):

**\$194,953**

### STATUS:

IN DESIGN

### ANTICIPATED COMPLETION:

DESIGN (WINTER 2019)

## PROJECT DESCRIPTION

The Merrimac Way Street, Sidewalk, and Bicycle Facility Project will design improvements that include multi-use paths and cycle tracks on Merrimac Way between Harbor Boulevard and Fairview Road. Pedestrian improvements will be designed to provide continuous sidewalks on Merrimac Way as part of this project. The proposed multi-use paths will provide on and off-street bicycle facilities, separated from adjacent vehicular traffic. The project design scope also includes plans for rehabilitation of the street including new pavement, curb/gutter, median realignment, landscape, and Americans with Disability Act (ADA) improvements.

The City is currently finalizing the design phase of the project.



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(714) 754-5323

# NEWPORT BLVD WIDENING PROJECT

COSTA MESA PROJECT UPDATES



## CONTACT INFORMATION

### PROJECT CONTACT:

#### JENNIFER ROSALES

TRANSPORTATION SERVICES MANAGER

(714) 754-5343

JENNIFER.ROSALES@COSTAMESACA.GOV

### FUNDING:

M2 FUNDS

### BUDGET:

\$375,000

### PROJECT STATUS:

DESIGN INITIATED

### PROJECT SCHEDULE:

EXPECTED TO BE COMPLETED BY SUMMER  
2020

## PROJECT DESCRIPTION

This project will widen southbound Newport Blvd between 19th Street and Superior Avenue to address operational deficiencies and accommodate current and projected traffic volumes. This segment of Newport Blvd is within Caltrans jurisdiction and will be upgraded to comply with current capacity and geometric standards.

As widening Newport Boulevard would require significant right-of-way acquisition, the needs and design the project will be identified to implement the project in a manner which will accommodate planned traffic volumes as well as minimize right-of-way impacts.

The design will consider various alignment alternatives for widening Newport Boulevard including alternative intersection operations at Superior Avenue.

Regional M2 funds for design has been allocated for this project to improve traffic flow and reduce congestion along the corridor.

Public outreach will begin in September 2019 to solicit public input into the project.



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# NEW SIDEWALK MISSING LINK PROGRAM



## PROJECT HIGHLIGHTS

- Installation of new sidewalks, driveway approaches and access ramps to comply with Americans with Disabilities Act standards.
- Provides a continuous path of travel for pedestrians
- Promotes public health and safety for public use of City pathways

## PROJECT OVERVIEW

The project improves pedestrian access by providing a continuous sidewalk/path of travel throughout the City Streets. New sidewalks will be constructed in the highest priority areas such as schools, hospitals, convalescent homes, public facilities, bus routes, and arterial highways. Specific location included in this project is Mesa Drive from Newport Frontage to Santa Ana Avenue.

## PROJECT FUNDING

Gas Tax \$50,000

**Total Budget: \$50,000**

## PROJECT SCHEDULE

**Project Construction January 2020 - April 2020**

**Project Status: Under Design**



# NEIGHBORHOOD TRAFFIC IMPROVEMENTS

COSTA MESA PROJECT UPDATES

## CONTACT INFORMATION

### PROJECT CONTACT:

**JENNIFER ROSALES**

TRANSPORTATION SERVICES MANAGER

(714) 754-5343

JENNIFER.ROSALES@COSTAMESACA.GOV

### FUNDING:

CITY FUNDS (FY 18/19-19/20)

### BUDGET:

\$100,000

### STATUS:

UNDERWAY



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(714) 754-5323



## PROJECT DESCRIPTION

This project includes implementation of neighborhood traffic improvements including signs, approved speed humps, and design of entry monument signs and minor landscape improvements, to enhance the neighborhood character.



# PARK ACCESSIBILITY PROGRAM



## PROJECT HIGHLIGHTS

- Improvements include new sidewalk and sidewalk reconstruction to improve park accessibility
- Upgrades facilities to ADA Standards
- Improves community accessibility and safety and reduces City's liability exposure

## PROJECT OVERVIEW

The Americans with Disabilities Act (ADA) requires that owners of buildings that are considered to be places of public accommodations remove those architectural barriers and communications barriers that are considered readily achievable in accordance with the resources available to building ownership to allow use of the facility by the disabled. As the City implements upgrades and maintenance to existing facilities, accessibility barriers to the facility need to be mitigated. This program addresses these deficiencies as funds become available

## PROJECT FUNDING

Funding from this program consists of \$50,000 annually towards high priority concrete repairs. Work orders range in size and scope depending on the observation of conditions to be addressed under this program.

## PROJECT SCHEDULE

The schedule for this project is dictated by the occurrence and observation of park accessibility issues.



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[www.costamesaca.gov/CIP](http://www.costamesaca.gov/CIP)  
**(714) 754-5323**

# PAULARINO CHANNEL TRAIL PROJECT

COSTA MESA PROJECT UPDATES



## CONTACT INFORMATION

### PROJECT CONTACT:

#### JENNIFER ROSALES

TRANSPORTATION SERVICES MANAGER

(714) 754-5343

JENNIFER.ROSALES@COSTAMESACA.GOV

### FUNDING:

CITY FUNDS (FY 2017-2018)

### BUDGET (PUBLIC OUTREACH AND DESIGN):

\$150,000

### SCHEDULE:

COMPLETE CONCEPTUAL DESIGN PHASE BY SUMMER 2020.

## PROJECT DESCRIPTION

This project provides for the design and public outreach for a new bicycle and pedestrian multi-use trail connecting Fairview Road and Bristol Street along the Paularino Channel. The project will include structural improvements to the channel to allow for a maintenance path for flood control as well as a bicycle and pedestrian trail connection.

The project will provide improved bicycle and pedestrian access to nearby businesses and residential neighborhoods while providing one segment of a desirable off street east-west Santa Ana River Trail/Newport Back Bay Trail System connection through central Costa Mesa.

Project design and public outreach anticipated to begin in September 2019.

## PROJECT TIMELINE

### September 2019

Initial Public Meeting

### October 2019

Bikeway and Walkability Meeting

### November 2019

Second Public Meeting

### February 2020

Third Public Meeting

### March 2020

Bikeway and Walkability Meeting

### April 2020

City Council Meeting



PUBLIC SERVICES DEPARTMENT  
(714) 754-5323

# POLICE DEPARTMENT SECURITY WALL



## PROJECT HIGHLIGHTS

- Provide added security to the main facility and rear lot
- Install wrought iron curved spade gates to match wall height

## PROJECT OVERVIEW

The project aim is to have the perimeter wall around the Police facility raised for safety purposes. This includes wrought iron gates with curved spades for both pedestrians and vehicles. The new wall will eliminate the vulnerability and exposure of trespassers to police facilities

## PROJECT FUNDING

Capital Imp. Funds	\$126,000
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## PROJECT SCHEDULE

Project Construction	Summer 2019
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# POLICE DEPARTMENT RANGE REMODEL

## Costa Mesa Police Department

### PROJECT HIGHLIGHTS

- Ensure the department can meet its firearms training mandates and proficiency.
- Provide adequate and protected lighting, protective baffling and sound proofing
- Protect the main weapon and ammo storage from damage
- Upgrade the aesthetics of the range.

### PROJECT OVERVIEW

The project is to replace an obsolete City facility and improve it for better utilization, it will ensure POST firearms training mandates and allow the department to meet these mandates and needs in the most effective and efficient manner, without jeopardizing training standards or requiring staff to travel out of area.

The remodel would allow the city to have an up to date range and would result in reduced operating costs and better service.

### PROJECT FUNDING

Capital Imp. Funds	\$377,000
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### PROJECT SCHEDULE

Project Construction	Future Project
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Project Status: Under Design



# PRIORITY SIDEWALK REPAIR



## PROJECT HIGHLIGHTS

- Work items include repair of sidewalk, curb and gutter, ADA compliant wheelchair ramps and related work

## PROJECT OVERVIEW

This project is intended to address high priority parkway concrete repairs and related improvements. The work items addressed under this program include repair and reconstruction of curb & gutter, sidewalk, ADA compliant wheelchair ramps and related work.

## PROJECT FUNDING

Funding from this project consists of \$50,000 annually towards high priority concrete repairs. Work orders range in size and scope depending on site conditions.

## PROJECT SCHEDULE

- The schedule for this project is dictated by the occurrence and observation of priority sidewalk and related issues in the public right of way. The most recent construction included two wheelchair ramps and reconstruction of a park drive access in January 2019.
- Upcoming construction scheduled under this program includes parkway improvements at Mesa Drive and Santa Ana Avenue, as well as ADA improvements at Salinas Ave and Smalley Rd.



# SHALIMAR PARK IMPROVEMENTS



## EXISTING CONDITIONS



## PROJECT HIGHLIGHTS

- New playground area
- Rubberized play surfaces
- Viewing area/benches
- Landscape improvements
- Expansion of Park area

## PROJECT STATUS

- In FY 2018-19, \$50,000 was approved for Shalimar Park design.
- In FY 2019-20, \$200,000 was approved for the Shalimar Park Project
- Community outreach is scheduled for Fall 2019.
- Additional funding will be requested following the outreach meeting and design to implement the project.

## PROJECT SCHEDULE

Community Outreach	September 2019
Design	Winter 2019/Spring 2020
Construction	2020

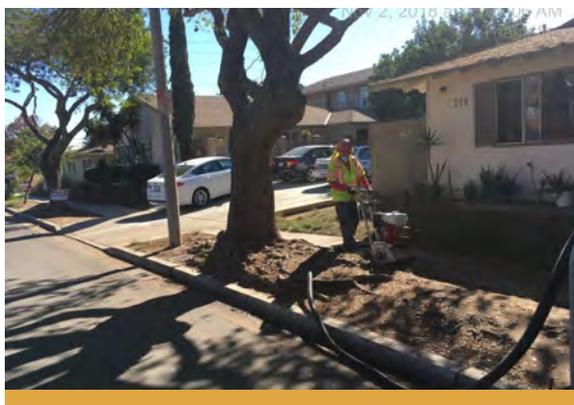


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**(714) 754-5123**

# SIDEWALK GRINDING MAINTENANCE



## CITYWIDE ANNUAL MAINTENANCE



## PROJECT HIGHLIGHTS

- The City contracts with the Penhall Company for sidewalk grinding for Costa Mesa.
- City Maintenance staff will focus on sidewalk grinding in City parks, facilities, and other requests for services. This hybrid approach of both in-house maintenance staff and outside contractors working simultaneously at separate locations throughout the City is anticipated to improve over 2,500 sections of raised sidewalks annually.
- The goal of this preventative maintenance program is to improve the City's walkability and reduce the City's liability due to displaced or raised sidewalks.

## PROJECT STATUS

- This project is a continuous citywide maintenance project.



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(714) 754-5123

# SUNFLOWER AVENUE TRAFFIC SIGNAL SYNCHRONIZATION PROJECT

COSTA MESA PROJECT UPDATES



## CONTACT INFORMATION

### PROJECT CONTACT:

**SHIRJEEL MUHAMMAD**

SENIOR ENGINEER

(714) 754-5298

SHIRJEEL.MUHAMMAD@COSTAMESACA.GOV

### FUNDING:

**MEASURE M2 CTFP FUNDS**

### BUDGET:

**\$772,450**

### STATUS:

**IN CONSTRUCTION**

### ANTICIPATED COMPLETION:

**IMPLEMENTATION (FALL 2019)**



**PUBLIC SERVICES DEPARTMENT**

**(714) 754-5323**

## PROJECT DESCRIPTION

The Sunflower Avenue Traffic Signal Synchronization Project will develop traffic signal infrastructure and coordination improvements for the Sunflower Avenue Corridor from Main Street to Hyland Avenue, with 14 signals within the City of Costa Mesa. The project will synchronize traffic signal timing and provide necessary upgrades to traffic signal infrastructure including integration and technical improvements to monitor these signals in the City's Traffic Management system. Traffic signal equipment and communication infrastructure are also included in this project.

The proposed traffic signal infrastructure and coordination improvements for the project corridor are funded in part by Orange County Transportation Authority's (OCTA) Project P grant funds.



**LEGEND:**  
Sunflower Ave Corridor  
City of Costa Mesa Traffic Signal

# TEWINKLE PARK

## SKATE PARK EXPANSION



### PROJECT HIGHLIGHTS

- Expansion of existing Tewinkle Park Skate Park
- Addition of new skateable elements
- Increased user capacity

### PROJECT OVERVIEW

The City of Costa Mesa's skate park currently has 15,000 square feet of skateable space featuring a combination of street elements, bowls and transition areas. This facility receives a high volume of patrons daily.

### PROJECT FUNDING

Funding for the design of this project has been allocated from the Capital Improvement Fund in FY's 15-16, and 16-17 in the amount of \$70,000.00

Funding for the construction of this project is planned for in the five-year FY 19-20 in the amount of \$750,000.00.

### PROJECT SCHEDULE

- Stantec Inc. has prepared preliminary designs for the Tewinkle Park skate park expansion.
- Outreach for community input will be scheduled in early 2020.



# TRAFFIC SIGNAL PROJECTS BAKER @ RANDOLPH COOLIDGE BABB

COSTA MESA PROJECT UPDATES



## CONTACT INFORMATION

### PROJECT CONTACT:

**SHIRJEEL MUHAMMAD**

SENIOR ENGINEER

(714) 754-5298

SHIRJEEL.MUHAMMAD@COSTAMESACA.GOV

### FUNDING:

**CAPITAL IMPROVEMENT PROGRAM  
FUNDS (FY 2016-17)**

### BUDGET:

**\$300,000**

### STATUS:

**IN DESIGN**

### CONSTRUCTION ANTICIPATED TO BEGIN:

**FALL 2019**

## PROJECT DESCRIPTION

This project provides for the design and construction of a one new installation of traffic signal at Baker Street/Randolph Avenue intersection and two traffic signal modifications of existing traffic signals at Baker Street/Babb Street and Baker Street/Coolidge Avenue intersections.

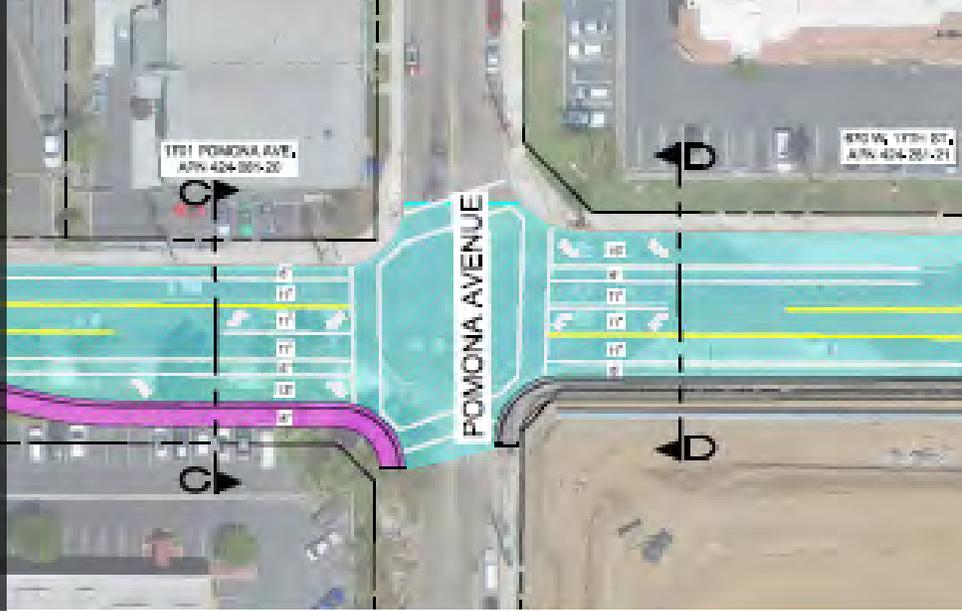
Traffic congestion during the AM and PM peak periods along Baker Street has made turning movements at these intersections increasingly difficult. This project would improve traffic operations along Baker Street. The project would mitigate current operational issues along Baker Street by introducing a new signal as well as improving traffic signal operations at the other two intersections.



**PUBLIC SERVICES DEPARTMENT  
(714) 754-5323**

# W 17TH STREET IMPROVEMENTS PROJECT

COSTA MESA PROJECT UPDATES



## CONTACT INFORMATION

### PROJECT CONTACT:

**SHIRJEEL MUHAMMAD**  
SENIOR ENGINEER  
(714) 754-5298  
SHIRJEEL.MUHAMMAD@COSTAMESACA.GOV

### FUNDING:

MEASURE M2 CTFP FUNDS

### BUDGET:

\$295,416

### PROJECT STATUS:

FINAL DESIGN PHASE

### PROJECT SCHEDULE:

DESIGN COMPLETE BY SUMMER 2019

## PROJECT DESCRIPTION

This project provides for improved traffic operation on West 17th Street between Placentia Avenue and Superior Avenue by introducing bike lanes and adding capacity improvements at the intersections within the project limits. The intersection improvements include a new traffic signal at the intersection of W 17th Street and Pomona Avenue along with intersection improvements at W 17th Street and Placentia Avenue. The project will also enhance the overall pedestrian and bicycle accessibility for this segment of W 17th Street.

Four design alternatives were developed for the project. These design concepts were presented to a neighborhood public meeting in December 2018 and presented to the Bikeway and Walkability Committee in August 2018.



PUBLIC SERVICES DEPARTMENT  
(714) 754-5323

# W. 19TH STREET BICYCLE PROJECT

COSTA MESA PROJECT UPDATES



## CONTACT INFORMATION

### PROJECT CONTACT:

**JENNIFER ROSALES**  
TRANSPORTATION SERVICES MANAGER  
(714) 754-5343  
JENNIFER.ROSALES@COSTAMESACA.GOV

### FUNDING:

CITY CIP FUNDS

### BUDGET:

\$75,000

### STATUS:

IN DESIGN

### ANTICIPATED COMPLETION:

DESIGN (AUGUST 2019)  
CONSTRUCTION (NOVEMBER 2019)

## PROJECT DESCRIPTION

This project provides for improved bicycle connectivity along W. 19th Street between Placentia Avenue and Marina View Park by adding Class II bike lanes, high-visibility bike lane markings, share-the-road pavement legends and pedestrian crossings. This will improve multi-modal accessibility along this segment of W. 19th Street.

This project is locally funded and has a budget of \$75,000. The design is nearly complete and the construction is expected to be completed Fiscal Year 2019-20.



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**(714) 754-5343**