



# CIP STATUS REPORT

JUNE 2018



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# Traffic Improvements

## Protected-Permissive Left-Turn Phasing

### Project Description

- Modification of five existing signalized intersections to install a protected-permissive left-turn operation.
- Locations: Culver/Florence, Irvine Center Drive/Odyssey, Irvine Center Drive/Tesla, Rockfield/Oldfield, and Sand Canyon/Towngate.

### Delivery Schedule

- Construction Start: August 2018
- Construction Completion: February 2019



### Funding:

- Project Budget: \$2,500,000
- Construction Contract Amount: \$875,693

## University Drive Widening — Campus Drive to MacArthur Avenue

### Project Description

- Add a third travel lane in each direction, between Campus and MacArthur.
- Installation of new pavement, curb and gutter, ADA-accessible sidewalk and access ramps, and construction of retaining walls.

### Delivery Schedule

- Construction Start: March 2018
- Construction Completion: May 2019



### Funding:

- Project Budget: \$20,796,000
- Construction Contract Amount: \$11,472,300



# Traffic Improvements

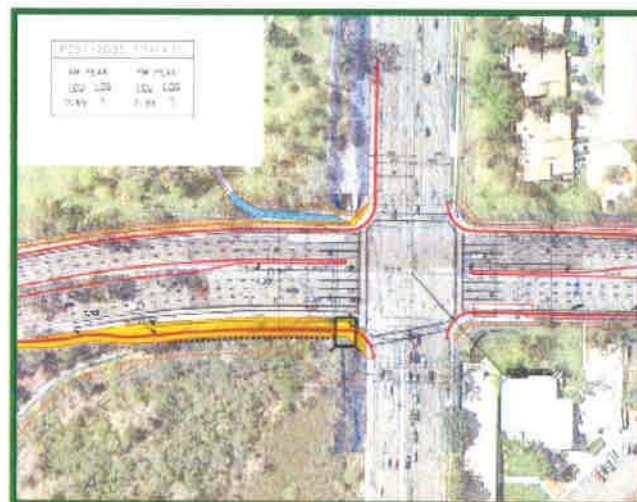
## Culver Drive/University Drive Intersection Improvements

### Project Description

- Add two new northbound right-turn lanes and a new northbound through lane on Culver.

### Delivery Schedule

- Construction Start: September 2018\*
- Construction Completion: September 2019



### Funding:

- Project Budget: \$5,158,600
- Construction Contract Amount: \$3,549,300

\*Construction to begin after bird nesting season

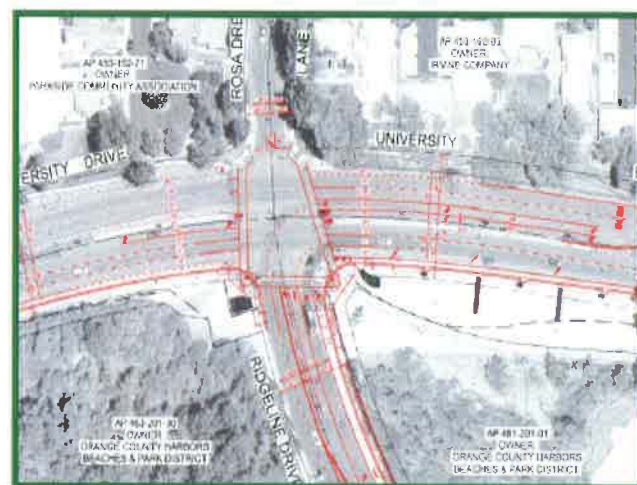
## University Drive/Ridgeline Drive Intersection Improvements

### Project Description

- Add a third eastbound through lane on University and a second northbound right-turn lane on Ridgeline.
- Lengthen the westbound dual left-turn lanes on University.

### Delivery Schedule

- Design Completion: August 2018
- Right-of-Way Completion: December 2018
- Construction Start: March 2019
- Construction Completion: June 2020



### Funding:

- Project Budget: \$3,528,800
- Engineer's Estimate for Construction: \$2,043,000

# Traffic Improvements

## Jamboree Road/Barranca Parkway Intersection

### Project Description

- Add a fifth northbound through lane on Jamboree.
- Convert the existing free right-turn lane to a standard turn lane on Jamboree.

### Delivery Schedule

- Right-of-Way Completion: December 2018
- Construction Start: June 2019
- Construction Completion: November 2020



### Funding:

- Project Budget: \$6,570,000
- Engineer's Estimate for Construction: \$3,740,000

## Jamboree Pedestrian Bridge at Michelson Drive

### Project Description

- Construction of a new pedestrian bridge over Jamboree, north of the intersection with Michelson.

### Delivery Schedule

- Design Completion: February 2019
- Right-of-Way Completion: May 2019
- Construction Start: August 2019
- Construction Completion: May 2020



### Funding:

- Project Budget: \$20 million
- Engineer's Estimate for Construction: \$7 to 10 million

# Traffic Improvements

## Jeffrey Road/Alton Parkway Intersection Improvements

### Project Description

- Add a new third westbound left-turn lane on Alton.
- Convert existing free right-turn lane to standard turn lane.

### Delivery Schedule

- Design Completion: May 2019
- Right-of-Way Completion: May 2019
- Construction Start: October 2019
- Construction Completion: July 2020



### Funding:

- Project Budget: \$2,931,000
- Engineer's Estimate for Construction: \$2,000,000

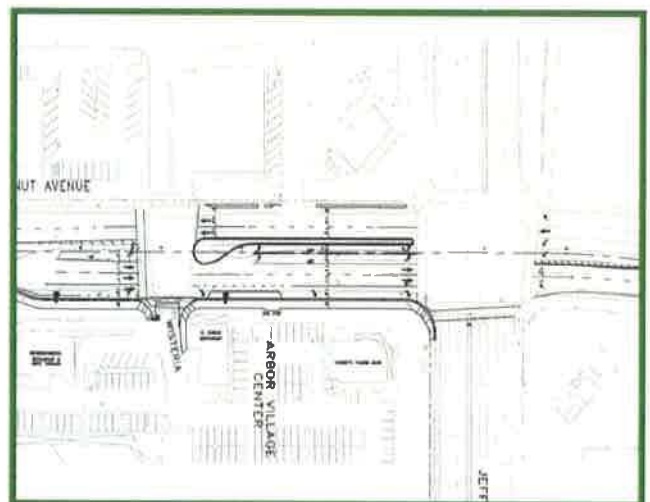
## Jeffrey Road/Walnut Avenue Intersection

### Project Description

- Widening of eastbound Walnut, west of Jeffrey, to accommodate two left-turn lanes, one through lane, a through/right-turn lane, and a dedicated right-turn lane.

### Delivery Schedule

- Right-of-Way Completion: September 2018
- Construction Start: November 2018
- Construction Completion: August 2019



### Funding:

- Project Budget: \$3,010,300
- Engineer's Estimate for Construction: \$1,717,000



# Traffic Improvements

## Jeffrey Road/Irvine Center Drive Intersection Improvements

### Project Description

- Add a new fourth northbound and southbound through lane on Jeffrey.
- Extend left-turn lanes from southbound Jeffrey to eastbound Irvine Center Drive.

### Delivery Schedule

- Preliminary Design Completion: January 2019
- Design Completion: January 2020
- Construction Start: May 2020
- Construction Completion: June 2021



### Funding:

- Project Budget: \$1,007,000\*
- Engineer's Estimate for Construction: TBD

\*Design Phase Only

## University Drive Widening — Ridgeline Drive to I-405 On-Ramp

### Project Description

- Add northbound third through lane from Ridgeline to the southbound I-405 on-ramp.
- Maintain on-street bike lane.
- Maintain off-street class 1 pedestrian and bike trail.

### Delivery Schedule

- Design Completion: January 2019
- Right-of-Way Completion: May 2019
- Construction Start: August 2019
- Construction Completion: July 2020



### Funding:

- Project Budget: \$977,200\*
- Engineer's Estimate for Construction: TBD

\*Design Phase Only

# Traffic Improvements

## Irvine Business Center Sidewalk Improvements

### Project Description

- Installation of new sidewalk to fill existing gaps along portions of Millikan, Armstrong, Hale, Gates, Noyes, and DuBridge.
- Installation of ADA-compliant curb access ramps and driveways.

### Delivery Schedule

- Right-of-Way Completion: September 2018
- Construction Start: February 2019
- Construction Completion: September 2019



### Funding:

- Project Budget: \$2,710,660
- Engineer's Estimate for Construction: \$1,400,650

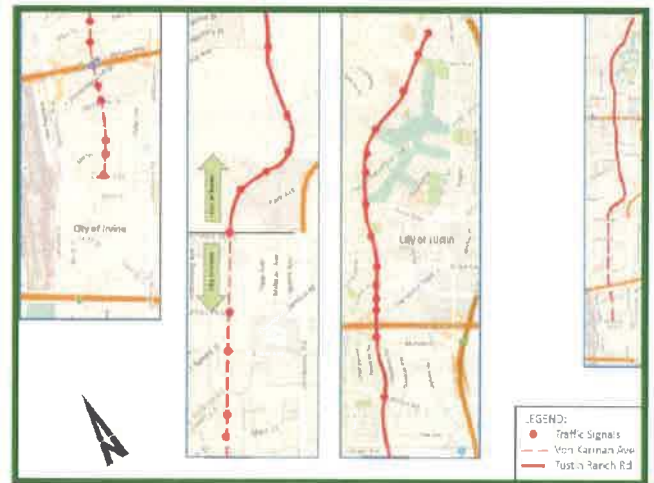
## Von Karman Avenue/Tustin Ranch Road Signal Synchronization

### Project Description

- Update existing traffic signal synchronization plans, software, and control equipment along Von Karman/Tustin Ranch Road, from Campus to Pioneer.
- Coordination of signal timing with the City of Tustin and Caltrans.

### Delivery Schedule

- Construction Start: September 2018
- Construction Completion: March 2019



### Funding:

- Project Budget: \$1,800,000
- Engineer's Estimate for Construction: \$1,075,000



# Traffic Improvements

## Irvine Center Drive/Edinger Avenue Signal Synchronization

### Project Description

- Update existing traffic signal synchronization plans, software, and control equipment along Irvine Center Drive/Edinger, from Newport to Protocol.
- Coordination of signal timing with the City of Tustin and Caltrans.

### Delivery Schedule

- Construction Start: September 2018
- Construction Completion: February 2019



### Funding:

- Project Budget: \$2,280,000
- Engineer's Estimate for Construction: \$1,438,650

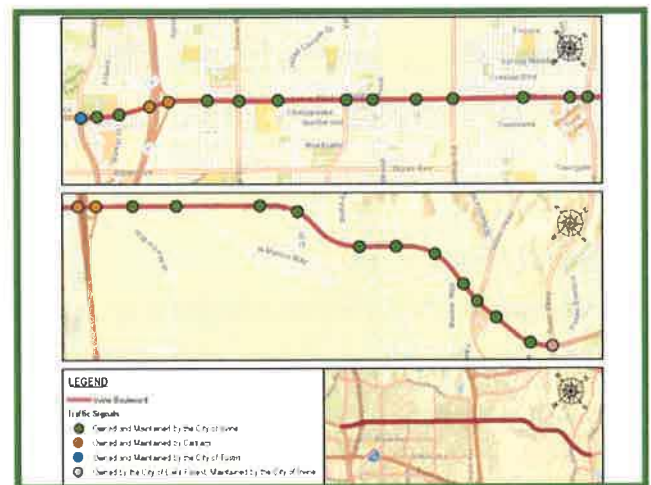
## Irvine Boulevard Signal Synchronization

### Project Description

- Update existing traffic signal synchronization plans, software, and controller equipment along Irvine Boulevard, from Jamboree to Bake.
- Coordination of signal timing with the cities of Tustin and Lake Forest, and Caltrans.

### Delivery Schedule

- Construction Start: February 2018
- Construction Completion: October 2018



### Funding:

- Project Budget: \$473,000
- Construction Contract Amount: \$363,310

## Traffic Improvements

### Trabuco Road/Remington Traffic Signal

#### Project Description

- Add a new traffic signal and modify the existing flood control channel.

#### Delivery Schedule

- Design Completion: June 2019
- Right-of-Way Completion: June 2019
- Construction Start: July 2019
- Construction Completion: July 2020



#### Funding:

- Project Budget: \$2,875,000
- Engineer's Estimate for Construction: TBD

### Traffic Signal Vehicle and Bicycle Detection Systems Installation

#### Project Description

- Installation of new video detection systems at Main and MacArthur, Culver at Warner, and Trabuco at Yale.

#### Delivery Schedule

- Design Completion: August 2018
- Construction Start: October 2018
- Construction Completion: April 2019



#### Funding:

- Project Budget: \$520,000
- Engineer's Estimate for Construction: \$400,000

# Traffic Improvements

## Main Street Signal Synchronization

### Project Description

- OCTA is the lead agency for design and construction.
- Installation of video detection systems, CCTV cameras and central traffic control system.
- Update existing traffic signal synchronization plans, software, and controller equipment along Main, from Culver to Taft.
- Coordination of signal synchronization with the cities of Santa Ana and Orange, and Caltrans.

### Delivery Schedule

- Construction Start: TBD by OCTA
- Construction Completion: TBD by OCTA



### Funding:

- Project Budget: \$256,000 (20% City Match)
- Engineer's Estimate for Construction: TBD by OCTA

## Culver Drive/Bonita Canyon Drive Signal Synchronization

### Project Description

- Improvements and upgrades to traffic signal control and systems.
- Update existing traffic signal synchronization plans, software, and controller equipment along Culver/Bonita Canyon, from Portola to Jamboree.
- Coordination of signal synchronization with the City of Newport Beach and Caltrans.

### Delivery Schedule

- Construction Start: June 2019
- Construction Completion: June 2020



### Funding:

- Project Budget: \$1,424,660
- Engineer's Estimate for Construction: \$996,000



# Traffic Improvements

## Adaptive Traffic Signal Control System

### Project Description

- To explore an adaptive traffic signal system that will monitor traffic conditions and automatically adjust signal timing.

### Delivery Schedule

- Construction Start: December 2018
- Construction Completion: June 2019



### Funding:

- Project Budget: \$500,000
- Engineer's Estimate for Construction: \$345,000

## Traffic Signal Controller Module Upgrade

### Project Description

- Installation of modules to existing signal controllers to enable intersection management for the central traffic control system.

### Delivery Schedule

- Construction Start: December 2018
- Construction Completion: June 2019



### Funding:

- Project Budget: \$125,000
- Engineer's Estimate for Construction: \$120,000

# Traffic Improvements

## Traffic Monitoring Cameras and System

### Project Description

- Installation of new cameras and system for monitoring traffic throughout the City.

### Delivery Schedule

- Construction Start: December 2018
- Construction Completion: December 2019



### Funding:

- Project Budget: \$300,000
- Engineer's Estimate for Construction: \$240,000

# Street Rehabilitation

## Annual Street Rehabilitation and Slurry Seal

### Project Description

- Pavement rehabilitation and/or slurry seal of various streets within the neighborhoods of University Park, Rancho San Joaquin, and Woodbridge.

### Delivery Schedule

- Construction Start: November 2017
- Construction Completion: July 2018



### Funding:

- Project Budget: \$7,299,000
- Construction Contract Amount: \$7,041,039

## Jamboree Road Pavement Rehabilitation

### Project Description

- Pavement rehabilitation from Michelle to the railroad bridge.
- Repair damaged curb and gutter.

### Delivery Schedule

- Design Completion: March 2019
- Construction Start: July 2019
- Construction Completion: December 2019



### Funding:

- Project Budget: \$2,255,700
- Engineer's Estimate for Construction: \$2,000,000



# Street Rehabilitation

## Alton Parkway Pavement Rehabilitation

### Project Description

- Pavement rehabilitation from I-5 to Technology East.
- Construct ADA-compliant access ramps, reconstruct the damaged curb, gutter, and sidewalk.
- Installation of video detection cameras.

### Delivery Schedule

- Design Completion: November 2018
- Construction Start: February 2019
- Construction Completion: November 2019



### Funding:

- Project Budget: \$2,737,750
- Engineer's Estimate for Construction: \$1,989,000

# Facility Improvements

## City Council Chamber Upgrades

### Project Description

- City Council Chamber audiovisual and broadcast system upgrades.
- City Council Chamber facility improvements.

### Delivery Schedule

- Construction Start: July 2018
- Construction Completion: November 2018



### Funding:

- Project Budget: \$3,852,000
- Construction Contract Amount:  
Audiovisual/Broadcast System – \$1,802,964  
Facility Improvement – \$970,000

## Turtle Rock Community Park Accessibility Improvements

### Project Description

- Construction of accessibility related improvements at Turtle Rock Community Center and the Nature Center.
- Proposed improvements include: upgrading public service counters at each building, installing new chair lifts for interior/exterior performance stages, and upgrading restrooms and door hardware throughout both buildings.

### Delivery Schedule

- Design Completion: July 2018
- Construction Start: October 2018
- Construction Completion: March 2019



### Funding:

- Project Budget: \$648,450
- Engineer's Estimate for Construction:  
\$550,000

# Facility Improvements

## Animal Care Center Improvements and Expansion

### Project Description

- Renovation and expansion of the Animal Care Center.
- Construction of three new dog parks.

### Delivery Schedule

- Initiate Final Design: October 2018
- Construction Start: TBD
- Construction Completion: TBD



### Funding:

- Project Budget: \$25,900,000
- Engineer's Estimate for Construction: \$20 million

## Peters Canyon Wash Trail Lighting Improvements — Walnut Avenue to the Railroad

### Project Description

- Installation of 29 new trail lights on the existing off-street trail along Peters Canyon Wash.

### Delivery Schedule

- Construction Start: January 2019\*
- Construction Completion: June 2019



### Funding:

- Project Budget: \$878,000
- Engineer's Estimate for Construction: \$592,880

\*Pending Caltrans grant approval



## Facility Improvements

### Woollett Aquatics Locker Room Rehabilitation

#### Project Description

- Replace existing showers with new individually partitioned showers and changing stalls.

#### Delivery Schedule

- Design Completion: July 2018
- Construction Start: October 2018
- Construction Completion: December 2018



#### Funding:

- Project Budget: \$360,000
- Engineer's Estimate for Construction: \$300,000

### Train Station Elevator Rehabilitation

#### Project Description

- Rehabilitate and modernize the two elevators to the pedestrian bridge at the Irvine Station.

#### Delivery Schedule

- Design Completion: November 2018
- Construction Start: February 2019\*
- Construction Completion: August 2019



#### Funding:

- Project Budget: \$210,000
- Engineer's Estimate for Construction: TBD

\*Pending permits from OCTA, Amtrak and Metrolink

# Great Park Improvements

## Orange County Great Park Western Sector Roadway Project

### Project Description

- Construction of new streets and utility infrastructure in the Orange County Great Park Western Sector.

### Delivery Schedule

- Construction Start: May 2018
- Construction Completion: March 2019\*

\*Access to Phantom to be completed prior to Ice Facility opening.



### Funding:

- Project Budget: \$11,115,000
- Construction Contract Amount: \$7,253,860

## Orange County Great Park Western Sector Restrooms

### Project Description

- Construction of new restroom building in the Western Sector of the Great Park.

### Delivery Schedule

- Design Completion: November 2018
- Construction Start: March 2019
- Construction Completion: July 2019



### Funding:

- Project Budget: \$690,000
- Engineer's Estimate for Construction: \$520,000

# Great Park Improvements

## Marine Way Landscape

### Project Description

- Landscape improvements between Ridge Valley and the Sports Park parking lot along Marine Way.

### Delivery Schedule

- Construction Start: July 2018
- Construction Completion: September 2018



### Funding:

- Project Budget: \$750,000
- Construction Contract Amount: \$466,163

## Cultural Terrace Parking Lot

### Project Description

- Construction of a new 1,200-space parking lot.

### Delivery Schedule

- Design Completion: October 2018
- Construction Start: January 2019
- Construction Completion: September 2019



### Funding:

- Project Budget: \$500,000\*
- Engineer's Estimate for Construction: \$11.5 million

\*Design Phase Only