References By Activity



# Street Lightning & Traffic Signal Systems





#### PARK & STREET LIGHTING

### WILMINGTON WATER PROMENADE AND BUILDING DEMOLITION

LOCATION ► 100 East Water Street, Los Angeles, CA 90744

#### **CUSTOMER** > Port of Los Angeles

**PROJECT SCOPE:** Installation of Department of Water And Power (LA) Electrical transmission vaults and conduit back bone duct bank to include the transformer vaults and switch gear for project site.

Street lighting conduit along with new street lighting poles along New Waterfront street. Within the proposed promenade (park) Belco installed a communication duct bank and pull boxes. Pedestrian walk lights along with conduit and pull boxes. In the subfloor of the new dock installed conduit and lights.

#### **CHARACTERISTICS** ►

▶ 5 miles of utility conduit installed for the LADWP electrical transmission duct bank, providing a robust power backbone for the site.

▶ 4 miles of electrical conduit installed to energize both street and park lighting systems, ensuring reliable illumination throughout the area.

► Switchgear and panel boards installed to distribute power efficiently across the park's electrical infrastructure.

▶ 29 high-definition security cameras strategically placed throughout the park to enhance safety and surveillance.

▶ 104 lighting and security poles installed, providing ample illumination and security coverage across both street and park areas.

**START DATE** ► January 2021

FINISH DATE ► May 2024





# STREET LIGHTNING SYSTEM EXTERIOR LED LIGHTING CONVERSION AT VARIOUS CITY FACILITIES

**LOCATION** > Carson (California)

**PROJECT SCOPE:** This project consists of removing over 1,300 existing light fixtures and installing new LED light fixtures at various City of Carson facilities such as parks, city yards, community centers, parking lots, and city hall.

**CHARACTERISTICS** ► Belco provided crews for the removals, installation, coordination, and tech support for the LED conversion. The project was awarded the Silver Level Beacon Award by the Institute of Local Government.





## STREET LIGHTNING SYSTEM IN-FILL LIGHTING ON EAST COLORADO BLVD

### LOCATION ► City of Pasadena (California)

**PROJECT SCOPE:** Installation of street light standards and fixtures, conduit, foundations, conductors, pull boxes, and miscellaneous appurtenant work. The work also includes the installation of bicycle racks, bus benches, and trash receptacles.

**CHARACTERISTICS** > This project consists of the installation of new pedestrian post-top street lights as in-fill lighting, equipped with light emitting diodes (LED) as a light source on East Colorado Blvd, from Hill Ave, to Allen Ave. in the City of Pasadena. By utilizing LEDs, an energy-efficient lamp that will decrease maintenance demand and provide longer lasting operation, the project complies with the City's Environmental Goals and Green City Action Plan. The in-fill lighting will provide additional lighting for pedestrians along the sidewalk areas enhancing visibility and pedestrian safety. The project also includes amenities at public transit stops and for bicyclists.





## STREET LIGHTNING SYSTEM WESTSIDE UNIT 2 SERIES TO MULTIPLE HIGH VOLTAGE CONVERSION FY 2016-17

LOCATION ► Los Angeles, California

**CUSTOMER** ► City of Los Angeles

**PROJECT SCOPE:** Convert approximately 406 existing street lights from high voltage series street lighting circuit to low voltage multiple circuit in the West Los Angeles area.

**CHARACTERISTICS** ► Installed 47,500 feet of new conduit/wire, 521 pull boxes and 406 new LED light fixtures.

**START DATE** ► October 2017

FINISH DATE ► June 2021





# STREET LIGHTNING SYSTEM STREET LIGHTING MODERNIZATION PROGRAM

LOCATION ► Santa Monica, California

**CUSTOMER** ► City of Santa Monica

**PROJECT SCOPE** Conversion of high voltage 5KV series street lighting systems to modern 120V street lighting systems with LED fixtures within the area bounded by Pico Blvd., Lincoln Blvd., Ocean Park Blvd., and 16th St.

CHARACTERISTICS ► Installed 29,000 feet of new conduit/wire, 95 pull boxes and 268 new LED light fixtures.

START DATE ► April 2018

**FINISH DATE** ► February 2019





#### STREET LIGHTNING SYSTEM

WILSHIRE BLVD. - CURSON AVE. TO COCHRAN AVE. AND MANSFIELD AVE. TO WILTON PLACE (VISION ZERO)

LOCATION ► Los Angeles, California

**CUSTOMER** ► City of Los Angeles

**PROJECT SCOPE:** Convert existing series street lighting system to low voltage lighting system and replace light fixtures to LED.

## **CHARACTERISTICS** ►

Installed 22,000 feet of new conduit/wire, 183 pull boxes, and 326 new LED light fixtures.

**START DATE** ► February 2020

**FINISH DATE** ► September 2021





# TRAFFIC SIGNAL SYSTEM N. VERDUGO RD. TRAFFIC SIGNAL IMPROVEMENTS

LOCATION ► Glendale, California CUSTOMER ► City of Glendale

**PROJECT SCOPE:** Modification of five traffic signals, construction of PCC ADA curb ramps, installation of striping, and installation of dynamic/variable speed warning signs.

CHARACTERISTICS ► Project included installation of Rectangular Rapid Flashing Beacons (RRFB), remote communications modules and servers.

START DATE ► August 2020
FINISH DATE ► May 2021





# TRAFFIC SIGNAL SYSTEM MIDTOWN COMMERCIAL TRAFFIC SIGNAL

LOCATION > Burbank, California

**CUSTOMER** ► City of Burbank

**PROJECT SCOPE:** Modification of 29 traffic signals, construction of PCC ADA curb ramps, installation of striping and installation of fiber optic system.

# **CHARACTERISTICS** ►

Improvements to traffic signals and roadways were completed to ensure expansion of various facilities around Universal Studios.

START DATE ► June 2020

FINISH DATE ► May 2021





# TRAFFIC SIGNAL SYSTEM **PRAIRIE AVE. TRAFFIC SIGNAL UPGRADE**

LOCATION ► Hawthorne, California

**CUSTOMER** ► City of Hawthorne

**PROJECT SCOPE:** Traffic signal upgrades, trenching and installation of conduits, construction of curb and gutter, sidewalk and ADA ramps, striping, and speed feedback signs.

**CHARACTERISTICS** ► Modified ten existing traffic signal intersections.

**START DATE** ► November 2018

**FINISH DATE** ► February 2020

