

Capital Programming Update Project Descriptions

Raymond Avenue Grade Separation

The project was completed May 14, 2018, and includes construction of a vehicular underpass on Raymond Avenue at the Burlington Northern and Santa Fe railroad crossing, between Walnut Avenue and Ash Avenue in the City of Fullerton. The project lowered Raymond Avenue under Valencia Drive. Two bridge structures were constructed, one for the railroad and one for vehicular traffic. The project includes connector roads on the west side of Raymond Avenue to provide access to Valencia Drive and Truslow Avenue.

Video Surveillance Systems (VSS)

The Orange County Transportation Authority (OCTA) has VSS at various facilities in the cities of Anaheim, Garden Grove, Irvine, Laguna Niguel/Mission Viejo, Orange, and Santa Ana. The VSS are currently outdated and have surpassed their useful life. Proposition 1B Transit System Safety, Security, and Disaster Response Account funding was used to replace these systems, but due to funding expiration dates, a total of \$0.373 million will be transferred off the project.

Transit Security and Operations Center (TSOC)

This project includes rebuilding the TSOC due to the seismic conditions of the current facility, which cannot be retrofitted to achieve the continuous operations standards required of essential facilities in California. TSOC houses the OCTA transit police, operations support, and central communications systems, and provides disaster response transportation to move people, goods, emergency personnel, and equipment in the aftermath of a disaster.

San Juan Creek Bridge Replacement

This project will replace the existing 100-year old railroad bridge over San Juan Creek in San Juan Capistrano. The existing bridge foundation does not meet current design standards and the bridge itself does not meet current railroad design load standards. The new bridge will improve the load and storm capacity, increase safety, and reduce maintenance needs. The new bridge will be built on the western side of the existing bridge to minimize interruption to passenger and freight train services.

Replace Backup Generators and Ventilation Upgrade at OCTA Bases

This project is for the replacement of the existing emergency power standby generators at the Anaheim and Irvine Ranch Construction Circle (IRCC) bus bases. The existing 300KW generator unit at the Anaheim base is 30-plus years old, beyond its useful life, broken, and in need of replacement. The existing 150KW generator at IRCC base is old and undersized. The work includes installation of new, energy efficient standby back-up power generators and switchgear and related work in compliance with Southern California Air Quality Management District.

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Replace Light Poles at the Goldenwest Transportation Center

This project is for the replacement of safety lighting poles and luminaires with new units at the Goldenwest Transportation Center. The existing light poles are deteriorated and exhibit significant rusting and corrosion, which has compromised the integrity of the materials. They are beyond their useful life and need to be replaced. The work includes replacing the light poles and installing new energy efficient light emitting diode luminaires and related work. The work would also include a required phasing of work and traffic control as shown on the plans and in the specifications.