








**710S PROJECT LIST**

-  Planning Phase
-  Environmental Phase
-  Design Phase
-  Construction Phase
-  SB1 Project

August 24, 2022

**LEGEND:**  SHOPP Project(s)  SHOPP Candidate  Non-SHOPP Project(s)  Maintenance Project(s)  Emergency Project(s)

**1 Post Mile 4.9 / 12.9 : EARLY ACTION SOUNDWALL PACKAGE 3 (NON-SHOPP)**

Project 0717000084 (EA 07-29803)

 **Location and Limits:** IN THE CITY OF LONG BEACH, BETWEEN OCEAN BLVD AND SR-91

**Type of Work:** The project will construct new or improve the existing soundwalls in the Cities of Long Beach, Lynwood and Paramount. In addition, the project will aesthetically treat approximately three miles of existing soundwalls located within the project limits.

**Benefits:** Noise abatement from the traffic.

**Status:** Presently in design phase.

Construction Begins: Spring 2023


Construction Ends: Spring 2024

**Project Cost:** \$30.01 Million

**3 Post Mile 5 / 9.5 : Rehabilitate and install new Transportation Management System (TMS) elements and upgrade communication systems. (SHOPP)**

Project 0718000065 (EA 07-34510)

 **Location and Limits:** IN LOS ANGELES COUNTY ON LA-710 PM 5.0/9.5, LA-2 PM R18.7 (LARTMC), LA-10 HUB PM 18.3, LA-1HUB PM R2.0

 **Type of Work:** This project proposes to upgrade the existing five Closed-Circuit Television (CCTV) cameras, two existing Changeable Message Signs (CMS), four existing Vehicle Detection Stations (VDS), four existing Ramp Metering Systems (RMS) and one Census Station. This project also proposes to install eight Maintenance Pullouts (MVPs), four new CCTV cameras, nine new Ramp Metering System (RMS) and one VDS. Lastly, upgrade communication equipment at the Los Angeles Regional Transportation Management Center (LARTMC) (Route 2 at Postmile [PM] R18.7) and Communication Hubs (Route 10 at PM 18.3 and Route 105 at PM R2.0) as well as install 5,300 linear feet of new conduit in roadway and approximately 2,000 linear feet of new conduit on Bridge structures. The existing communication systems will be upgraded to an all fiber optic digital system. The elements will be connected to the system via the Internet Protocol (IP) ready network.

**Benefits:** The purpose of this TMS upgrade project is to improve the operational and communication efficiency of the freeway system, reduce maintenance needs/costs, and sustain the existing TMS performance for all TMS elements along the project corridor

**Status:** In design phase.

Construction Begins: Winter 2023/2024

Construction Ends: Fall 2025

**Project Cost:** \$23.7 Million

**4** Post Mile 5.8 / 5.8 : TIE-BACK RETAINING WALL AND RAMP MODIFICATION (NON-SHOPP)  
Project 0720000156 (EA 07-37210)

 **Location and Limits:** \$820 MILLION PIER B ON-DOCK RAIL FACILITY PROJECT, PORT OF LB TO BUILD RETAINING TIE-BACK WALL W/IN

**Type of Work:** Under an encroachment permit with the department the Port of Long Beach will be constructing a Tie-Back Wall along SR710 at approximately PM 5.8 and will be Modifying SR 710 Pico On/Off Ramp.

**Benefits:** Improve roadway traffic flow to enhance motorist and rail safety by eliminating the existing railroad crossing at the 9th Street and Pico Avenue intersection.

**Status:** In design phase.

Construction Begins: Fall 2023

Construction Ends: Summer 2025

**Project Cost:** \$3.3 Million

**5** Post Mile 6 / 6.4 : REPLACE BRIDGE \*O/S (NON-SHOPP)  
Project 0700021122 (EA 07-27300)

 **Location and Limits:** IN LOS ANGELES COUNTY IN LONG BEACH FROM BROADWAY TO SHOEMAKER BRIDGE

**Type of Work:** The scope of work includes bicycle and pedestrian observation platform/vista point along the south side of the new bridge and also provides improvements along associated roadway connectors to downtown Long Beach, West Shoreline Drive from State Route 710 (SR-710), and portions of 3rd Street, 6th Street and West Broadway from Cesar E. Chavez Park to Magnolia Avenue. The **proposed improvements will include additional street lighting, restriping, turn lanes, bicycle, pedestrian, and streetscape improvements.** The Roundabout design is proposed for this project.

**Benefits:** To provide connectivity from the downtown area to surrounding communities and adjacent recreational use areas, and improve safety and operations for all modes of transportation.


**Status:** In design phase.

Construction Begins: Summer 2025

Construction Ends: Spring 2028

**Project Cost:** \$476 Million

**7** Post Mile 6 / 14.1 : Enhance highway worker safety by constructing Maintenance Vehicle Pullouts (MVPs), upgrading guardrail and end treatments, paving beyond the gore, installing erosion control, and replacing pull boxes. (SHOPP)

 Project 0718000167 (EA 07-34990)

**Location and Limits:** In Long Beach and Compton, from Shoreline Drive to north of Alondra Boulevard.

**Benefits:** The purpose of this project is to **improve the safety of State workers during routine roadside maintenance activities.**


**Status:** In design phase.

Construction Begins: Spring 2024

Construction Ends: Winter 2025/2026

**Project Cost:** \$9.476 Million

**8** Post Mile 6.2 / 7.2 : LA-710 Highway Planting Restoration (MINOR)  
Project 0722000186 (EA 07-4V420)

 **Location and Limits:** In LA County, Rte 710 PM 6/7.2, in city of Long Beach from W. Shoreline Dr. to Pacific Coast Hwy

**Type of Work:** The Project proposes highway planting restoration on Route 710 in city of Long Beach.

**Benefits:** The improvements would provide source control solutions **minimizing sediments from Caltrans right-of-way ultimately discharging to Los Angeles River.**

**Status:** In design phase.

Construction Begins: Summer 2023

Construction Ends: Summer 2024

**Project Cost:** \$1.74 Million

9

**Post Mile 6.4 / 6.4 : Remove and replace existing sign structures and panels** (EMERGENCY)

Project 0721000159 (EA 07-1XU20)



**Location and Limits:** On various routes in LA County SB LA-710 PM 6.38

**Type of Work:** Remove the existing sign structures and replace the sign structures to current standards and install Left Exit plaques to left exit guide signs.

**Benefits:** The Department committed to NTSB to **remove and replace the existing sign structure with a new sign structure that meet FHWA requirements.**

**Status:** In construction.

Construction Begins: Spring 2022

Construction Ends: Winter 2022/2023

**Project Cost:** \$3.565 Million

10

**Post Mile 6.9 / 17.3 : RAMPS, SLABS, GORE - CPOL DIGOUTS SLURRY. FROM 1/170 SEP TO LOS ANGELES RIVER.** (HM)

Project 0721000031 (EA 07-0W070)



**Location and Limits:** RAMPS, SLABS, GORE - CPOL DIGOUTS SLURRY. FROM 1/170 SEP TO LOS ANGELES RIVER.

**Type of Work:** Cold plane Overlay and dig out and slurry seal approximately 40 ramps, replace approximately 50 damaged slabs on mainline, and cold plane overlay gore areas.

**Benefits:** Increase the life of the pavement and provide a smooth ride.

**Status:** In construction.

Construction Begins: Fall 2022

Construction Ends: Summer 2024

**Project Cost:** \$3.3 Million

11

**Post Mile 6.9 / 26.5: Installation of Broadband Network** (BMMN)

Project 0722000105 (EA 07-38320)



**Location and Limits:** Installation of Broadband Middle-Mile Network (BMMN) in Los Angeles County on Route 710 for 19.6 Miles from PCH to I-10: Standalone BMMN Project

**Type of Work:** The work involves installing broadband conduit and fiber on Route 710 (PM 6.9/26.5) as a part of the BMMN identified as 15C in the Interagency Agreement (IAA) between the CDT and Caltrans.

**Benefits:** The installed broadband will enhance access to, and increase the affordability of, high-speed internet to all Californians.

**Status:** In environmental phase.

Construction Begins: Winter 2023/2024

Construction Ends: Summer 2025

**Project Cost:** \$15.868 Million

12

**Post Mile 7.9 / 7.9: LA-710, Repair bridge abutment** (EMERGENCY)

Project 0723000015 (EA 07-1XX00)



**Location and Limits:** LA-710, PM R7.88 Repair bridge abutment

**Type of Work:** 1. Partner and allow access to social service partners, in a COVID-19 safe manner, to offer unsheltered individuals assistance. 2. Repair the damaged slope. 3. Place hardscape to prevent digging.

**Benefits:** Repair State's damaged assets.

**Status:** Presently in construction.

Construction Begins: Summer 2022

Construction Ends: Fall 2022

**Project Cost:** \$0.37 Million



**Post Mile 7.9 / 7.9: Unsheltered Encampments Related (EMERGENCY)**

Project 0723000015 (EA 07-2XA80)



**Location and Limits:** LA 710 - PM 7.89 Unsheltered Encampments Related

**Type of Work:** 1.) Fill the voids with slurry behind and under the abutments. 2.) Repair the damaged slopes. 3.) Place hardscape to prevent future digging.

**Benefits:** Repair severe damages to State assets.

**Status:** Presently in planning.

Construction Begins: Fall 2026

Construction Ends: Winter 2028/2029

**Project Cost:** \$1.96 Million



**Post Mile 9.6 / 32.1T : DRAINAGE SYSTEM RESTORATION (SHOPP)**

Project 0718000092 (EA 07-34700)



**Location and Limits:** IN LOS ANGELES COUNTY, IN LONG BEACH AND PASADENA, AT VARIOUS LOCATIONS



**Benefits:** The purpose of this project is to improve the reliability, efficiency, and pumping capacity at four pump plant locations.

**Status:** In design phase.

Construction Begins: Summer 2023

Construction Ends: Summer 2025

**Project Cost:** \$10.392 Million



**Post Mile 10.6 / 32.5: Deck methacrylate, spall repair, joint seals (HM)**

Project 0721000223 (EA 07-0W270)



**Location and Limits:** IN LOS ANGELES COUNTY AT VARIOUS LOCATIONS ON ROUTE 710 FROM COMPTON CREEK TO UNION STREET UNDERCROSSING

**Type of Work:** This project will preserve 9 bridges on Route 710 in Los Angeles county. The work involves applying methacrylate on deck, replacing joint seals and spall repair.

**Benefits:** This project will improve bridge health, improve safety, enhance ride-quality, extend the service life of the structures, and limit operational restrictions.

**Status:** Presently in design phase.

Construction Begins: Summer 2023

Construction Ends: Fall 2025

**Project Cost:** \$2.505 Million



**Post Mile 12.9 / 24.9 : EARLY ACTION SOUNDWALL PACKAGE 2 (NON-SHOPP)**

Project 0717000079 (EA 07-29802)



**Location and Limits:** IN LOS ANGELES COUNTY, IN VARIOUS CITIES BETWEEN SR-91 AND SR-60

**Type of Work:** The project will construct new or improve existing soundwalls at various locations along Interstate 710 (I-710) in the southbound direction and along the northbound direction between I-710 and Atlantic Avenue in the Cities of Long Beach, Compton, Lynwood, South Gate, Bells, Bells Gardens and Los Angeles. In addition, the project proposes to aesthetically treat approximately 7.1 miles of existing soundwalls located within the project limits. The estimated project cost, including right of way and construction is approximately \$8M and will be funded by the Los Angeles County Metropolitan Transportation Authority (LACMTA) through Measure R funds.

**Benefits:** Noise abatement from the traffic.

**Status:** Presently in design phase.

Construction Begins: Summer 2023

Construction Ends: Summer 2024

**Project Cost:** \$60 Million

**17** **Post Mile 13 / 24.6** (NON-SHOPP) Integrate the freeway management system and local arterial management systems to coordinate traffic operations during non-recurring conditions  
Project 0721000056 (EA 07-37510)

**Location and Limits:**

**Type of Work:** The project will **integrate the freeway management system and local arterial management systems to coordinate traffic operations during non-recurring conditions**. The project will upgrade or install (as necessary) at a minimum, traffic control systems, traffic controllers, cabinets, detection, communications, closed circuit television (CCTV) cameras, arterial signage. In addition, the project will consider integrating with other systems of transit providers, Regional Integration of Intelligent Transportation Systems (RIITS), Port of Los Angeles (POLA), Long Beach (POLB), and Southern California 511 for data sharing and dissemination. Overall, the project will develop an Integrated Corridor Management (ICM) system that would consist of a data hub and decision support system (DSS) that would ingest all the data from the freeway system, arterial system, and other sources, and provide response plans to manage congestion uniformly through the corridor.

**Benefits:** The **integration of freeway and arterial systems, along with data sharing and dissemination, will address the congestion and operational deficiencies experienced by non-recurring conditions (i.e. incidents and events) and accommodate projected growth in the area.**

**Status:** Presently in environmental phase.

Construction Begins: Summer 2024

Construction Ends: Fall 2026

**Project Cost:** \$37.5 Million

**18** **Post Mile 13.8 / 21. : LA-710,Clean CA Beautification** (CLEAN CA)  
Project 0722000163 (EA 07-38580)

**Location and Limits:** In Los Angeles County in Compton and Paramount on Route 710 from 0.10 Mile South of Alondra Blvd OC to 0.30 Mile North Rosecrans Avenue OC

**Type of Work:** The I-710 Compton and Paramount Beautification Project enhances 1.5 miles of roadside with landscaping, trees, shrubs, ground cover, and artwork reflecting each city's historical values. This project also upgrades the irrigation system to conserve water.

**Benefits:** Clean California makes significant investments to **advance equity for underserved communities by implementing beautification projects on the State Highway system, improving public spaces.**

**Status:** Presently in design phase.

Construction Begins: Winter 2022/2023

Construction Ends: Summer 2026

**Project Cost:** \$3.383 Million

**19** **Post Mile 15.1R / 21.9 : Improve Worker Safety by Paving Narrow Area, MVP, Access Gate, and RICS** (SHOPP)

Project 0716000214 (EA 07-33050)

**Location and Limits:** IN THE CITIES OF SOUTH GATE, BELL GARDENS AND COMMERCE, FROM 800 FEET NORTH OF ROSECRANS AVENUE TO ATLANTIC BOULEVARD

**Type of Work:** Relocate appurtenances; Add slope/gore and narrow area paving; Maintenance Vehicle Pullouts (MVPs); access gates; access roads; and upgrade irrigation system to Remote Irrigation Control System (RICS). The performance measure for this project will enhance worker safety at 36 locations within State right-of-way by replacing difficult-to-access existing landscape with paving, extending paving beyond gore areas, installing access gates, providing maintenance vehicle pullouts and aggregate base access roads, paving narrow areas, planting graffiti deterrent tall hedges or shrubs, and placing security fences around rail road bridge.

**Benefits:** This project proposes to **reduce the frequency and duration of highway workers exposure to traffic as well as decrease graffiti and vandalism.**

**Status:** Presently in design phase.

Construction Begins: Fall 2022

Construction Ends: Winter 2023/2024

**Project Cost:** \$6.734 Million

**20** Post Mile 18 / 18.5 : RECONSTRUCTION OF ONRAMP (NON-SHOPP)

Project 0714000239 (EA 07-30830)



**Location and Limits:** IN LA, RECONSTRUCTION OF SOUTHBOUND ONRAMP, NR FIRESTONE BLVD

**Type of Work:** Reconstructing the Interstate 710 (I-710) southbound on-ramp from eastbound Firestone Boulevard to southbound I-710 and minor widening on the east and west bound Firestone Boulevard. Easements from both the Los Angeles County Flood Control District (LACFCD) and the Los Angeles Department of Water and Power (LADWP) will be required for the project. City of Southgate is pursuing a new design to reduce the capital cost by eliminating the need for the retaining wall.

**Benefits:** The purpose for re-constructing the southbound on-ramp will be to eliminate the undesirable design features and to bring them to Caltrans standards.

**Status:** Presently in environmental phase.

Construction Begins: Winter 2023/2024

Construction Ends: Fall 2026

**Project Cost:** \$8.45 Million

**21** Post Mile 18.7 / 19.6 : Replace/Upgrade outdated pumps and controllers at South Gate PP and Florence PP. Supply additional storage capacity to South Gate and Florence. Provide additional electrical capacity at Ardis PP. (SHOPP)

Project 0721000032 (EA 07-37390)



**Location and Limits:** In Los Angeles County, various locations on LA-105 and LA-710.

**Type of Work:** This project proposes to upgrade three existing Pump Plants (PP): 1) Ardis Avenue PP (LA-105, Postmile [PM] 16.48), 2) Florence Avenue PP (LA-710, PM 18.7), and 3) South Gate PP (LA-710, PM 19.55). The scope of work includes installing new pumps (South Gate PP and Florence PP only), electrical control panels and service pedestals.

**Benefits:** The purpose of the project is to **extend the service life of three pump plants; reduce maintenance and repair costs; increase reliability, sustainability, and efficiency; and enable the pump plants to operate at design capacities.**

**Status:** Presently in environmental phase.

Construction Begins: Spring 2026

Construction Ends: Summer 2027

**Project Cost:** \$9.57 Million

**22** Post Mile 19.7 / 19.7: Install Pedestrian and Bicyclist Regulatory/Warning Signs, pavement markings, Pedestrian Crosswalk Systems, Crosswalk Illuminator, upgrade curb ramps and sidewalks to current ADA Standards, upgrade bridge fence, and restripe ramp lane configuration. (SHOPP - CANDIDATE)

Project 0722000123 (EA 07-38410)



**Location and Limits:** In Los Angeles County, in the City of Bell. Pedestrian and Bicyclist safety improvements on Florence Ave, at the I-710 Interchange.

**Type of Work:** Install Pedestrian and Bicyclist Regulatory and Warning Signs, pavement markings, Pedestrian Crosswalk Systems (install Illuminator, flashing LED signs with push button, voice message and visual confirmation), Crosswalk Illuminator, upgrade curb ramps and sidewalks to current ADA Standards, upgrade bridge fence, and restripe ramp lane configurations.

**Benefits:** **Bike and Pedestrian safety improvements.**

**Status:** Presently in planning phase.

Construction Begins: Spring 2025

Construction Ends: Summer 2026

**Project Cost:** \$4.48 Million

 **Post Mile 22.2 / 22.2 : Rehabilitate, clean, and paint bridge.** (SHOPP)

Project 0718000355 (EA 07-35470)



**Location and Limits:** In Commerce and Vernon, at Hobart Rail Yard Overhead No. 53-0840.



**Type of Work:** This project proposes to paint all existing structural steel members of Hobart Yard OH (Bridge #53-0840). Spot blast, clean and paint all steel members of Hobart Yard OH. Estimated that 5% of the surface area will need spot preparation due to rust.

**Benefits:** **The purpose of this public is to improve public safety.**

**Status:** **Presently in design phase.**

Construction Begins: Spring 2025

Construction Ends: Fall 2028

**Project Cost:** \$24.34 Million

 **Post Mile 23.3 / 25.6 : STABILIZE SOIL AND EROSION CONTROL** (SHOPP)

Project 0714000061 (EA 07-30440)



**Location and Limits:** IN LOS ANGELES COUNTY IN LOS ANGELES AND MONTEREY PARK ON ROUTE 60 FROM EASTERN AV OC TO MEDNICK AV OC AND RTE 710 FROM OLYMPIC BLVD UC TO 0.4 MILE NORTH OF FLORAL DR UC

**Type of Work:** The work involves filling slopes and bare areas with ground covers that included, shrubs and trees to improve soil water holding capacity. Erodible areas, where plants cannot be maintained, will be paved. Irrigation systems will be modified or repaired.

**Benefits:** The project will focus on the prevention of erosion while allowing storm water to infiltrate, thereby **reducing storm water runoff as well as preserving soil, waterways and unimproved roadways.**

**Status:** **Presently in construction. 89% complete.**

Construction Began: Summer 2019

Construction Ends: Fall 2023

**Project Cost:** \$6.5 Million

 **Post Mile 24.9 / 25.1: Install chain link railing.** (MINOR)

Project 0722000133 (EA 07-1Q000)



**Location and Limits:** On Route 710 Cesar Chavez Avenue Overcrossing Bridge No. 51-1154.

**Type of Work:** This project proposes to improve traffic safety and operation by installing chain link railing on both sides of the Cesar Chavez Avenue Overcrossing.

**Benefits:** The newly installed chain link railing will **enhance traffic safety by reducing the risk of objects being dropped or thrown onto the freeway below. In addition, the installation of the chain link railing will also enhance the safety of pedestrians walking across the bridge.**

**Status:** **Presently in design phase.**

Construction Begins: Winter 2023/2024

Construction Ends: Fall 2024

**Project Cost:** \$0.53 Million