

auxiliary lane project concepts on the project list. Each project concept will be studied as part of a segment alongside other concepts related to and, in some cases, dependent on the other concept. In addition, these interchange projects are directly related to projects and potential improvements on the intersecting roadways. Many projects on the MSPP list could be connected to the improvements on I-710, including several independent bridge upgrade projects, Complete Street Corridor projects, and transit enhancement projects that cross many interchanges. Additionally, the Investment Plan will invest \$17 million in several non-traditional freeway projects and programs, including studying the concept of adding additional greenspace in the freeway right of way, improving traffic controls at interchanges, and testing methods to reduce the impact of particulate matter emissions from non-tailpipe sources.

The initial investment will conduct an Alternatives Analysis for the 12 interchanges and two auxiliary lane project concepts that will include community engagement, safety and operational assessments, data collection, modeling, and other considerations to allow Metro to identify four to six project concepts, or packages of project concepts, to move into a preliminary engineering and environmental documentation (PA&ED) phase. The selected project concepts will provide the most safety and operational benefits to the mainline freeway and overall transportation system while minimizing the community impacts. After PA&ED, under the condition they meet certain criteria, the projects will move forward into additional phases of implementation. Metro will ensure that freeway projects that move forward for implementation consideration complete the appropriate CEQA/NEPA process.

8.6.3.2 Freeway Safety and Interchange Improvements Modal Program

The projects and programs listed in **Table 8-8** are not part of the initial list of projects for initial funding. These projects and programs will be further refined, developed, and/or made ready for implementation through the Freeway Safety and Interchange Improvements Modal Program.

Table 8-8. Freeway Safety and Interchange Improvements Modal Program

Project ID	Project Name	Jurisdiction(s)	Tier	Phase
LB-ELA_0153		Multiple Jurisdictions	1	Development
LB-ELA_0046*	I-405 Roadway Improvements Long Beach, Signal Hill, Los Angeles, and Carson (SHOPP)	Multiple Jurisdictions	1	Implementation
LB-ELA_0182	Express Lanes Strategic Initiative	Multiple Jurisdictions	1	Development
LB-ELA_0154		Multiple Jurisdictions	2	Development
LB-ELA_0188	Freeway Landscaping/Maintenance	Study Area Wide	2	Implementation
LB-ELA_0183		Multiple Jurisdictions	2	Development
LB-ELA_0039*	I-710 Highway Worker Safety Improvements Long Beach/Compton	Long Beach/Compton	2	Implementation
LB-ELA_0180	I-710 Truck Bypass Lanes	Long Beach	2	Pre-implementation
LB-ELA_0045*	Route 91 Bridge No. 53-2143F Rehabilitation Long Beach (SHOPP)	Long Beach	2	Implementation

Project ID	Project Name	Jurisdiction(s)	Tier	Phase
LB-ELA_0043*	Hobart Railyard Bridge Rehabilitation Commerce/Vernon	Commerce/Vernon	2	Implementation
LB-ELA_0137	Freeway Soundwalls	Multiple Jurisdictions	2	Implementation
LB-ELA_0155	Drought Tolerant Landscaping, Hardscaping and Aesthetic Features along I-710	Multiple Jurisdictions	2	Implementation
LB-ELA_0050*	Route 91 Upgrades Carson, Compton, Long Beach, and Bellflower (SHOPP)	Multiple Jurisdictions	2	Implementation
LB-ELA_0048*	Garfield Avenue Pump Station Upgrades (SHOPP)	Paramount	2	Pre-implementation
LB-ELA_0052*	Route 47 at I-710 Roadway Upgrades Wilmington (SHOPP)	Wilmington	2	Implementation
LB-ELA_0054*	Humphrey Maintenance Station Upgrades East Los Angeles (SHOPP)	East Los Angeles	2	Implementation
LB-ELA_0053*	Pacific Place Maintenance Station Building Replacement Long Beach (SHOPP)	Long Beach	2	Pre-implementation
LB-ELA_0049*	South Gate Pump Plant and Florence Avenue Pump Plant Upgrades South Gate/ Bell Gardens/Downey (SHOPP)	South Gate/Bell Gardens/Downey	2	Implementation
NA – New	ICM Phase 2: Freeway Corridor Enhancements	Multiple Jurisdictions	NA/New	

Notes:

*Project is part of Caltrans State Highway Operation and Protection Program (SHOPP)
 Projects deemed to be fully funded were removed from list (see Appendix 8-A)

8.6.4 Goods Movement

The Goods Movement modal category includes projects and programs that impact the trucks and trains moving goods through the LB-ELA Corridor, particularly those accessing or leaving the Port of Los Angeles (POLA) and the Port of Long Beach (POLB). The Investment Plan prioritizes several projects supporting goods movement in alignment with the Investment Plan’s Vision and Goals, including the accelerated adoption of zero-emission (ZE) heavy-duty trucks, ZE truck infrastructure, a freight rail ZE study, and the goods movement freight rail study. Many prioritized goods movement projects identified through this process will be led and advanced by POLA and POLB without direct investment from the Investment Plan due to limitations on using Measure R/M funds. Through this effort and the Investment Plan development process, Metro is committed to supporting our partner agencies to advance projects that support the vision and goals of the LB-ELA Corridor Mobility Investment Plan. Metro must also continue to engage the freight industry as a whole to develop solutions that help facilitate the movement of goods and services in a multimodal manner—while at the same time addressing the air quality, health, and safety issues facing the region and impacting local communities in the LB-ELA Corridor. Goods Movement investment is summarized in **Table 8-9**.