

#### 8.4.6 Clean Truck Infrastructure [LB-ELA\_0023] (Bundled with LB-ELA\_0004)

<b>Project/Program name</b>	Clean Truck Infrastructure [LB-ELA_0023]
<b>Project/Program description</b>	The Clean Truck Infrastructure project (0023) would install charging infrastructure for ZE trucks.
<b>Project/Program lead</b>	Metro/Caltrans/Ports
<b>Metro role</b>	Partner
<b>Location</b>	Study Area Wide
<b>Top scoring goals/principles</b>	Air Quality; Opportunity; Environment
<b>Flags</b>	Equity Flag: Moderate <i>See related implementation requirements/guidance below to address equity issues</i>
<b>Modes</b>	Goods Movement only
<b>Phase</b>	Implementation
<b>Implementation requirements/guidance</b>	<p><b>Displacements and Physical Impacts:</b> Siting of ZE truck infrastructure should avoid displacements or right-of-way impacts. Assess potential for roadway reconfiguration to impact existing truck routes, and how changes may reroute truck traffic to impact neighboring streets. Wherever these impacts are under consideration, Metro and jurisdictions should proactively engage residents, businesses, and property owners to understand site-specific conditions and discuss opportunities for relocation assistance and other community benefits.</p> <p><b>Construction Impacts:</b> Noise pollution, dust emissions, traffic delays/diversion, and business interruptions should be carefully assessed and planned with mitigation strategies in place.</p> <p><b>Flooding and Water Quality Impacts:</b> Facilities that require the expansion or addition of paved areas should incorporate materials and designs that maintain or increase pervious cover, and/or landscaping elements that allow for sufficient stormwater runoff.</p>
<b>Potential for packaging</b>	Combined with 0004
<b>Estimated cost</b>	TBD
<b>Potential funding sources</b>	PIDP, RTEPF, and CFI
<b>Grant matching fund requirements</b>	<p>Minimum local match:</p> <p>10% – Charging and Fueling Infrastructure (CFI) Program;</p> <p>20% – Port Infrastructure Development Program (PIDP), Reduction of Truck Emissions at Port Facilities</p>
<b>Recommended Measure R/M investment</b>	<p>\$50 million *</p> <p>*Already committed by Metro board (shared with LB-ELA_0004)</p>

#### 8.4.15 I-710 Particulate Matter (PM) Reduction Pilot Project [LB-ELA\_0157]

<b>Project/Program name</b>	I-710 Particulate Matter (PM) Reduction Pilot Project (LB-ELA_0157)
<b>Project/Program description</b>	<p>Implement a pilot project on I-710 to deploy and evaluate measures to reduce exposure of nearby populations to particulate matter, specifically localized sources of entrained/fugitive dust, tire wear, and brake wear associated with traffic on the freeway. These measures may include roadside vegetation barriers within available Caltrans’ right-of-way, air filters for nearby schools or community facilities, pavement materials, frequent street-sweeping, and deployment of air quality monitoring systems, among others.</p> <p>In addition, include options to examine the effectiveness of “cool pavement” applications to reduce heat island effects. As part of the work plan, the pilot project would include a study element to assess and document the efficacy of the various measures</p>
<b>Project/Program lead</b>	Metro
<b>Metro role</b>	Partner/Fund
<b>Top scoring goals/principles</b>	Community and Sustainability Principle
<b>Flags</b>	Equity Flag: None CIC Flag: None
<b>Modes</b>	Freeway Safety and Interchange Improvements, Goods Movement
<b>Phase</b>	Development Define and conduct a study of the efficacy of various methods to reduce particulate matter emissions from the I-710 freeway, especially from non-tailpipe emissions. Also included in the study is determining the heat island reduction effects of “cool pavement.”
<b>Implementation requirements/guidance</b>	N/A
<b>Potential for packaging</b>	The findings of this study may lead to projects that can be implemented by other programs and projects in the Investment Plan.
<b>Estimated cost</b>	\$2 million feasibility study and launch of pilot program
<b>Potential funding sources</b>	CMAQ
<b>Grant matching fund requirements</b>	Minimum local match: 11.5% – CMAQ
<b>Recommended Measure R/M investment</b>	\$2 million