

Draft Evaluation Criteria – Long Beach-East Los Angeles Corridor

Categories	Evaluation Performance Metrics	Type
Air Quality Benefits	AQ1: Reduce Emissions (NOx, PM2.5)	Quantitative
	AQ2: Facilitates clean technologies & lower emissions vehicles	Qualitative
	AQ3: Mode Shift to cleaner modes	Quantitative
Community Benefits (including Health)	CH1: Reduce Emissions (Health Effects metrics: Diesel Particulate Matter, PM2.5)	Quantitative
	CH2: Reduce exposure at receptors (HVAC/HEPA, near-roadway vegetation)	Qualitative
	CH3: Mode Shift to active transportation, transit	Quantitative
	CH4: Improve the User Experience (may be different metrics for different modes)	Qualitative/Quantitative
	CH5: Bike/Ped Access to parks, recreational areas, or open spaces	Qualitative
Mobility Benefits	MB1: Ridership	Quantitative
	MB2: Speeds / Travel Times (people, goods)	Quantitative
	MB3: Reduce Congestion (hours of delay for people & goods)	Quantitative
	MB4: Modal Accessibility (by zone)	Quantitative
	MB5: Reliability (transit, roadway, goods movement)	Quantitative
	MB6: Gap Closures	Quantitative
	MB7: Increase in travel options	Qualitative
Safety Benefits	SF1: Protections for Bike / Users (bike class)	Qualitative
	SF2: Traffic Protections (bike/ped)	Qualitative
	SF3: Personal Security	Qualitative
	SF4: Includes Safety Features	Qualitative
	SF5: Reducing conflict points (vehicle safety)	Qualitative
	SF6: Traffic Calming Features	Qualitative
	SF7: Improves/Preserves / rehabilitates existing infrastructure	Qualitative
Environment Benefits	EN1: Improved Environment from Mode Shifts	Qualitative
	EN2: GHG Reduction Potential	Qualitative/Quantitative
	EN3: Protects natural habitat (Greening Features)	Qualitative
	EN4: Water Quality, Water Capture , Drainage, and Flood Management features	Qualitative
	EN5: Reducing energy use	Qualitative
	EN6: Reduce Heat Island Effect; Provide Cooling Features for Users	Qualitative
	EN7: Potential for Noise Reduction	Qualitative/ Quantitative
	EN8: Supports transportation efficient land use principles	Qualitative

Categories	Evaluation Performance Metrics	Type
Opportunity/Prosperity Benefits	OP1: Access to jobs	Quantitative
	OP2: Accessibility (improving mobility challenges for all ages and abilities)	Qualitative
	OP3: Increases Regional Competitiveness	Qualitative
	OP4: Work Force Development	Qualitative
	OP5: Potential Targeted Hire, New Construction Jobs	Qualitative
	OP6: Access to QoL amenities (grocery stores, healthcare services, schools)	Quantitative
	OP7: Access to open space, recreation and parks, LA river, etc.	Quantitative
Equity	AQ1: Reduce Emissions (NOx, PM2.5)	Quantitative – EFC
	AQ3: Mode Shift to cleaner modes	Quantitative – EFC
	CH1: Reduce Emissions (Health Effects metrics: Diesel Particulate Matter, PM2.5)	Quantitative – EFC
	EQ-CH2: Reduces exposure to air pollution in communities facing high pollution burden and asthma rates	Qualitative – EQ
	CH3: Mode Shift to active transportation, transit	Quantitative – EFC
	EQ-CH5: Increases access to high quality recreational facilities in areas lacking active transportation infrastructure and parks	Qualitative – EQ
	MB1: Ridership	Quantitative – EFC
	MB2: Speeds / Travel Times (people, goods)	Quantitative – EFC
	MB3: Reduce Congestion (hours of delay for people & goods)	Quantitative – EFC
	MB4: Modal Accessibility (by zone)	Quantitative – EFC
	MB5: Reliability (Transit, Roadway, Goods Movement)	Quantitative – EFC
	MB6: Gap Closures	Quantitative – EFC
	EQ-MB7: Increases reliable and accessible transportation options for those who cannot or prefer not to drive	Qualitative – EQ
	EQ-SF1: Improves physical safety for people, walking, biking, and rolling	Qualitative – EQ
	EQ-SF3: Improves perceptions of personal security for people walking, biking, rolling, and taking transit	Qualitative – EQ
	EQ-EN3: Contributes to remediation of environmental damage or loss of natural features	Qualitative – EQ
	EQ-EN6: Includes urban greening and cooling for areas of low tree canopy and high heat island burden	Qualitative – EQ
	EN7: Potential for Noise Reduction	Quantitative – EFC
OP1: Access to jobs	Quantitative – EFC	

Categories	Evaluation Performance Metrics	Type
	OP6: Access to Quality-of-Life amenities (grocery stores, healthcare services, schools)	Quantitative – EFC
	OP7: Access to open space, recreation and parks, LA river, etc.	Quantitative – EFC
	EQ-OP8: Increases quantity and quality of employment opportunities for underemployed and low-income workforce	Qualitative – EQ
	EQ-OP9: Reduces housing or transportation costs for low-income households	Qualitative – EQ
	EQ-OP10: Reduces residential or commercial displacement risk	Qualitative – EQ
Sustainability	SA1: Provides infrastructure, <u>services</u> , and/or technology to reduce reliance on polluting and energy-intensive modes of travel and goods movement	Qualitative
	SA2: Provides infrastructure to promote physical activity and health through active transportation and recreation	Qualitative
	SA3: Improves climate resilience through infrastructure that mitigates the impacts of flooding and increased heat	Qualitative
	SA4: Supports job creation in, and workforce transitions to green technology and infrastructure sectors	Qualitative/Quantitative
	SA5: Improves cargo efficiencies to minimize trip volumes and emissions from goods movement activity	Qualitative/Quantitative
Concerns	Potential for Displacements	Qualitative
	Potential for Physical Impacts (ROW)	Qualitative
	Potential for Increased Commute Times	Quantitative/Qualitative
	Potential for Traffic Diversion / Emission Shifting	Quantitative
	Potential for New Hot Spots (Congestion, AQ, Ped/Bike Safety)	Quantitative/Qualitative
	Potential Construction Impacts	Qualitative
	Potential for VMT Increases	Quantitative

Project Considerations

Flags	Community Input Considerations (Flags)	Qualitative
	Equity Considerations (Flags)	Qualitative

