Project Evaluation Criteria - Highway Corridors

San Diego Forward: The Regional Plan Goals	No.	Criteria	Description	Proposed Calculation	Max Score	Total Percent	Policy Objectives
Innovative Mobility & Planning	1	Provides Congestion Relief	A) What is the number of daily person-hours saved from implementing the project?*	Change in daily person-hours saved	10	35	Mobility Choices
			B) What is the number of daily person-hours saved for communities of concern?	Change in daily person-hours saved for communities of concern population	5		
	2	Project Safety	How does the project compare against the statewide average for collisions?*	Project percentage of collisions measured against statewide average	5		Preservation and Safety of the Transportation System
	3	Provides Access to Evacuation Routes	How will the project provide evacuation access for regional hazard areas?	Proximity analysis of hazard areas (dam failure, earthquake, flood, landslide, liquefaction, tsunami, and wildfire), weighted by population and employment	5		Preservation and Safety of the Transportation System, Partnerships and Collaboration, Binational Collaboration with Baja California
	4	Facilitates FasTrak/Carpool/Transit, Pedestrian and Bicycle Mobility	How will the project facilitate FasTrak/carpool/Managed Lane facilities and/or regional or corridor transit services and/or pedestrian and bicycle access?	Projects will receive points if they include FasTrak/carpool/Managed Lane facility, and/or regional or corridor transit services, and/or pedestrian and bicycle facilities, which is then weighted by combined carpool person volume + transit person volume	10		Mobility Choices, Complete Communities
Healthy Environment & Communities	6	Minimizes Habitat and Residential Impacts	How will the project minimize negative habitat and residential impacts?*	Proximity analysis of preserve areas, native habitats, and housing (more than 2 dwelling units per acre)	5	30	Habitat and Open Space Preservation, Environmental Stewardship
	7	GHG and Pollutant Emissions	A) What is the reduction in CO2 emissions from implementing the project?*	Reduction in CO2 emissions	5		Environmental Stewardship, Energy and Climate Change Mitigation and Adaptation
			B) What is the reduction in smog forming pollutants from implementing the project?*	Reduction in smog-forming pollutants	5		
	8	Serves RCP Smart Growth Areas	What are the share of trips on the facility serving RCP Smart Growth Areas (Metropolitan Center, Urban Center, and Special Use Center)?*	Share of trips on facility serving existing/planned or potential Metropolitan Center, Urban Center, and Special Use Center is calculated, using select link analysis	10		Complete Communities, Regional Economic Prosperity, Habitat and Open Space Preservation
	9	Physical Activity	What is the increase in physical activity?	Increase in time engaged in moderate transportation-related physical activity	5		Mobility Choices, Complete Communities
Vibrant Economy	10	Accessibility	A) What is the improved access to jobs and schools?	Weighted average number of jobs and school enrollment accessible in 30 minutes by auto	4	35	Mobility Choices, Regional Economic Prosperity
			B) How will the project support access to recreational areas and beaches?	Acres of parkland/recreational areas and beaches within 1/4 mile of project	4		Complete Communities, Habitat and Open Space Preservation
			C) What percentage of users of the project access Indian reservations?	Select link used to determine origins and destinations served, total trips to/from Indian reservation areas	2		Mobility Choices, Partnerships and Collaboration
	11	Serves Goods Movement and Relieves Freight System Bottlenecks/Capacity Constraints	What is the improved average travel time for freight?*	Total travel time savings for medium and heavy truck classes	5		Mobility Choices, Regional Economic Prosperity, Binational Collaboration with Baja California
	12	Project Cost-Effectiveness	What is the cost-effectiveness of the project?*	Enhanced cost-effectiveness measure may incorporate the following components: - Project cost - Generalized delay costs - Fuel costs - GHG emissions - Smog-forming pollutants - Health and physical activity - Safety	20		Mobility Choices, Regional Economic Prosperity, Complete Communities, Binational Collaboration with Baja California, Preservation and Safety of the Transportation System, Environmental Stewardship, Energy and Climate Change Mitigation and Adaptation

*Note: Provides dual evaluation for both passenger vehicles and trucks

Project Evaluation Criteria - Transit Services

San Diego Forward: The Regional Plan Goals	No.	Criteria	Description	Proposed Calculation	Max Score	Total Percent	Policy Objectives
Innovative Mobility & Planning	1	Provides Time Competitive/Reliable Transit Service	What is the percentage of the route located in priority treatment?	Analysis of percentage of transit route within dedicated transit guideway; dedicated arterial lane, interrupted rail, or Managed Lane; or HOV lane or arterial spot treatment	10	35	Mobility Choices, Complete Communities
	2	Serves Daily Trips	What is the number of additional daily transit trips resulting from the project?	Change in daily transit linked trips	15		Mobility Choices, Complete Communities
	3	Provides Access to Evacuation Routes	How will the project provide evacuation access for regional hazards?	Proximity analysis of hazard areas (dam failure, earthquake, flood, landslide, liquefaction, tsunami, and wildfire), weighted by population and employment	5		Mobility Choices, Partnerships and Collaboration, Binational Collaboration with Baja California, Preservation and Safety of the Transportation System
	4	Daily System Utilization	What is the daily transit utilization?	Daily passenger miles/daily service seat miles (system wide)	5		Mobility Choices, Complete Communities
Healthy Environment & Communities	5	GHG and Pollutant Emissions	A) What is the reduction in CO2 emissions from implementing the project?	Reduction in CO2 emissions	5	30	Environmental Stewardship, Energy and Climate Change Mitigation and Adaptation
			B) What is the reduction in smog forming pollutants from implementing the project?	Reduction in smog forming pollutants	5		
	6	Serves RCP Smart Growth Areas	What are the share of trips on the transit service serving RCP Smart Growth areas?	Share of trips on transit service serving all existing/planned or potential Smart Growth Areas is calculated, using select link analysis	10		Complete Communities, Regional Economic Prosperity, Habitat and Open Space Preservation
	7	Physical Activity	What is the increase in physical activity?	Increase in time engaged in moderate transportation-related physical activity	10		Mobility Choices, Complete Communities
Vibrant Economy	8	Accessibility	A) What is the increase in job and school trips by transit?	Change in daily transit linked work and school trips	4	35	Mobility Choices, Regional Economic Prosperity
			B) How will the project support access to recreational areas and beaches?	Acres of parkland/recreational areas and beaches within 1/4 mile of project	3		Complete Communities, Habitat and Open Space Preservation
			C) What is the increase in transit trips by communities of concern?	Change in total transit trips by communities of concern population	3		Mobility Choices, Partnerships and Collaboration
			D) How will the project facilitate pedestrian and bicycle access?	Project located within 1/4 mile of pedestrian and bicycle facilities	3		Mobility Choices, Complete Communities
			E) What is the increase in transit trips to federally recognized Indian reservations?	Change in total transit trips to/from Indian reservations	2		Mobility Choices, Partnerships and Collaboration
	9	Project Cost-Effectiveness	What is the cost-effectiveness of the project?	Enhanced cost-effectiveness measure may incorporate the following components: - Project cost - Generalized delay costs - Fuel costs - GHG emissions - Smog forming pollutants - Health and physical activity - Safety	20		Mobility Choices, Regional Economic Prosperity, Binational Collaboration with Baja California, Preservation and Safety of the Transportation System, Environmental Stewardship, Energy and Climate Change Mitigation and Adaptation

Project Evaluation Criteria - Active Transportation

San Diego Forward: The Regional Plan Goals	No.	Criteria	Description	Proposed Calculation	Max Score	Total Percent	Policy Objectives
Innovative Mobility & Planning	1	Serves Daily Trips	What is the change in the number of active transportation trips?	Change in active transportation mode trips or transit accessed by active transportation mode trips	15	35	Mobility Choices
	2	Project Safety	Is the project located in an area with a high bicycle and pedestrian traffic incident rate?	Number of bicycle and pedestrian traffic incidents within 1/4 mile of project	5		Preservation and Safety of the Transportation System
	3	System Connectivity	A) Does the project provide enhanced connectivity to/from transit station/stop areas, highway project areas, or rail grade separations?	Project located within 1/4 mile of transit, highway, or rail grade separation project areas	5		Mobility Choices, Complete Communities
			B) Does the project provide multimodal connections?	Project provides direct access to other transit, highway, rail grade separation, or active transportation projects	5		
	4	Consistency with local plans	Is the improvement identified in a locally adopted plan?	Project is in a locally adopted plan	5		Partnerships and Collaboration
Healthy Environment & Communities	5	Reduced Bicycle/Pedestrian Stress Level	Does the project result in a safer facility for bicyclists and pedestrians?	Project area is currently unsafe for pedestrian and bicycle activity due to speeds, vehicular traffic volumes, conflict points such as freeway on/off-ramps, etc.	10	35	Mobility Choices, Preservation and Safety of the Transportation System
	6	GHG and Pollutant Emissions	A) What is the reduction in CO2 emissions from implementing the project?	Reduction in CO2 emissions	5		Environmental Stewardship, Energy and Climate Change Mitigation and Adaptation
			B) What is the reduction in smog forming pollutants from implementing the project?	Reduction in smog forming pollutants	5		
	7	Serves RCP Smart Growth Areas	Is the project located near population and employment?	Population and employment in all smart growth areas within 1/4 mile distance of project	5		Complete Communities, Regional Economic Prosperity, Habitat and Open Space Preservation
	8	Physical Activity	What is the increase in physical activity?	Increase in time engaged in moderate transportation-related physical activity	5		Mobility Choices, Complete Communities
	9	Range of Users/Skill Levels Served	For major arterial street, are alternative routes attractive to all riders considered, or are the arterial or alternative routes traffic calmed?	Project results in route attractive to all riders	5		Mobility Choices, Preservation and Safety of the Transportation System
Vibrant Economy	10	Accessibility	A) Does the project support access to jobs and schools?	Employment and schools within 1/4 mile of project	4	30	Mobility Choices, Regional Economic Prosperity
			B) Does the project support access to recreational areas, parks, and beaches?	Acres of parkland/recreational areas and beaches within 1/4 mile of project	3		Complete Communities, Habitat and Open Space Preservation
			C) What percentage of the project users are from communities of concern?	Communities of concern population within 1/4 mile of project	3		Mobility Choices, Partnerships and Collaboration
	11	Project Cost-Effectiveness	What is the cost-effectiveness of the project?	Enhanced cost-effectiveness measure may incorporate the following components: - Project cost - Generalized delay costs - Fuel costs - GHG emissions - Smog forming pollutants - Health and physical activity - Safety	20		Mobility Choices, Regional Economic Prosperity, Binational Collaboration with Baja California, Environmental Stewardship, Energy and Climate Change Mitigation and Adaptation, Preservation and Safety of the Transportation System

Project Evaluation Criteria - HOV Connector

San Diego Forward: The Regional Plan Goals	No.	Criteria	Description	Proposed Calculation	Max Score	Total Percent	Policy Objectives
Innovative Mobility & Planning	1	Provides Congestion Relief	What is the number of daily person-hours saved from implementing the project?	Change in daily person-hours saved	15	35	Mobility Choices
	2	Provides Access to Evacuation Routes	How will the project provide evacuation access for regional hazard areas?	Proximity analysis of hazard areas (dam failure, earthquake, flood, landslide, liquefaction, tsunami, and wildfire), weighted by population and employment	5		Preservation and Safety of the Transportation System, Partnerships and Collaboration, Binational Collaboration with Baja California
	3	Facilitates FasTrak/Carpool/Transit, Pedestrian and Bicycle Mobility	How will the project facilitate FasTrak/carpool/Managed Lane facilities and/or regional or corridor transit services and/or pedestrian and bicycle access?	Projects will receive points if they include FasTrak/carpool/Managed Lane facility, and/or regional or corridor transit services, and/or pedestrian and bicycle facilities, which is then weighted by combined carpool person volume + transit person volume	15		Mobility, Complete Communities
Healthy Environment & Communities	4	Minimizes Habitat and Residential Impacts	How will the project minimize negative habitat and residential impacts?	Proximity analysis of preserve areas, native habitats, and housing (more than 2 dwelling units per acre)	15	30	Habitat and Open Space Preservation, Environmental Stewardship
	5	GHG and Pollutant Emissions	A) What is the reduction in CO2 emissions from implementing the project?	Reduction in CO2 emissions	10		Environmental Stewardship, Energy and Climate Change Mitigation and Adaptation
			B) What is the reduction in smog forming pollutants from implementing the project?	Reduction in smog forming pollutants	5		
Vibrant Economy	6	Project Cost-Effectiveness	What is the cost-effectiveness of the project?	Enhanced cost-effectiveness measure may incorporate the following components: - Project cost - Generalized delay costs - Fuel costs - GHG emissions - Smog forming pollutants - Health and physical activity - Safety	35	35	Mobility Choices, Regional Economic Prosperity, Binational Collaboration with Baja California, Preservation and Safety of the Transportation System, Environmental Stewardship, Energy and Climate Change Mitigation and Adaptation

Project Evaluation Criteria - Freeway Connector

San Diego Forward: The Regional Plan Goals	No.	Criteria	Description	Proposed Calculation	Max Score	Total Percent	Policy Objectives
Innovative Mobility & Planning	1	Provides Congestion Relief	What is the number of daily person-hours saved from implementing the project?*	Change in daily person-hours saved	20	35	Mobility Choices
	2	Project Safety	How does the project compare against the statewide average for collisions?*	Project percentage of crash rates measured against statewide averages	5		Preservation and Safety of the Transportation System
	3	Provides Access to Evacuation Routes	How will the project provide evacuation access for regional hazard areas?	Proximity analysis of hazard areas (dam failure, earthquake, flood, landslide, liquefaction, tsunami, and wildfire), weighted by population and employment	10		Preservation and Safety of the Transportation System, Partnerships and Collaboration, Binational Collaboration with Baja California
Healthy Environment & Communities	4	Minimizes Habitat and Residential Impacts	How will the project minimize negative habitat and residential impacts?*	Proximity analysis of preserve areas, native habitats, and housing (more than 2 dwelling units per acre)	15	30	Habitat and Open Space Preservation, Environmental Stewardship
	5	GHG and Pollutant Emissions	A) What is the reduction in CO2 emissions from implementing the project?*	Reduction in CO2 emissions	10		Environmental Stewardship, Energy and Climate Change Mitigation and Adaptation
			B) What is the reduction in smog forming pollutants from implementing the project?*	Reduction in smog forming pollutants	5		
Vibrant Economy	6	Serves Goods Movement and Relieves Freight System Bottlenecks/Capacity Constraints	What is the improved average travel time for freight?*	Total travel time savings for medium and heavy truck classes	15	35	Mobility Choices, Regional Economic Prosperity, Binational Collaboration with Baja California
	7	Project Cost-Effectiveness	What is the cost-effectiveness of the project?*	Enhanced cost-effectiveness measure may incorporate the following components: - Project cost - Generalized delay costs - Fuel costs - GHG emissions - Smog forming pollutants - Health and physical activity - Safety	20		Mobility Choices, Regional Economic Prosperity, Binational Collaboration with Baja California, Preservation and Safety of the Transportation System, Environmental Stewardship, Energy and Climate Change Mitigation and Adaptation

*Note: Provides dual evaluation for both passenger vehicles and trucks

Project Evaluation Criteria - Rail Grade Separations

San Diego Forward: The Regional Plan Goals	No.	Criteria	Description	Proposed Calculation	Max Score	Total Percent	Policy Objectives
Innovative Mobility & Planning	1	Peak-Period Exposure Index (PPEI) Factor	Product of the existing high directional traffic and the total measured blocking delay during the same three hours of the day experiencing the highest congestion at the crossing	Calculation based on vehicle traffic during a selected three-hour period, total blocking delay during same period, and mathematical constant for time period	11	34	Mobility Choices
	2	Peak-Day Total Delay Exposure Index (PDEI) Factor	Product of the existing average daily traffic (ADT), the total number of trains, and an average train crossing delay time factor	Calculation based on average daily traffic, total number of trains, train crossing delay factor, and mathematical constant	11		Mobility Choices
	3	Pedestrian and Bicycle/ Communities of Concern Benefits	A) Number of pedestrians and bicyclists served in top 4 hours	Grade separation pedestrian bicycle crossing counts	4		Mobility Choices, Complete Communities
			B) What is the share of communities of concern population in the proximity of the project?	Ratio of communities of concern share of population within 1/2 mile of project compared to community of concern share of regional population			Mobility Choices, Partnerships and Collaboration
	4	Bus Operations Benefits	Number of buses served an hour, as well as proximity to transit center	Number of buses served by the grade separation	4		Mobility Choices, Complete Communities
	5	Benefit to Emergency Services	Proximity to emergency service provider and lack of nearby alternative grade-separated crossing	Proximity analysis based on emergency service providers and alternative grade separation crossing	4		Mobility Choices, Complete Communities
Healthy Environment & Communities	6	Accident History	Accident history in the past five years	Number of qualifying accidents involving vehicles, pedestrians, and bicycles with trains, not including accidents involved in attempted suicides	11	26	Mobility Choices, Preservation and Safety of the Transportation System
	7	Proximity to Noise Sensitive Receptors	Proximity to sensitive receptors	Proximity analysis based on rail crossing located within 200-500 feet of sensitive receptors	4		Complete Communities, Partnerships and Collaboration
	8	GHG Emissions	What is the reduction in CO2 emissions from implementing the project?	Reduction in CO2 emissions	4		Environmental Stewardship, Energy and Climate Change Mitigation and Adaptation
	9	Serves RCP Smart Growth Areas	Is the project located near RCP Smart Growth Areas?	Population and employment in all smart growth areas within 1/4 mile distance of project	7		Complete Communities, Regional Economic Prosperity, Habitat and Open Space Preservation
Vibrant Economy	10	Truck Freight Operations	Percentage of daily truck traffic	Percentage of daily traffic of Class 4-Class 13 (as defined by FHWA)	3	15	Mobility Choices, Regional Economic Prosperity, Binational Collaboration with Baja California
	11	Funding Request	Percentage of total project costs contributed by the local agency including funds already committed from state, federal, or other source	Percentage of local contribution	4		Partnerships and Collaboration
	12	Project Cost-Effectiveness	What is the cost-effectiveness of the project?	Enhanced cost-effectiveness measure may incorporate the following components: - Number of trains per day - AADT - Gate down time - Percent truck traffic - Safety	8		Mobility Choices, Regional Economic Prosperity, Binational Collaboration with Baja California, Environmental Stewardship, Energy and Climate Change Mitigation and Adaptation, Preservation and Safety of the Transportation System

Project Evaluation Criteria - Rail Grade Separations

Regional Housing Needs Assessment (RHNA)	13	Regional Housing Needs Assessment (RHNA) (per Board Policy No. 033 adopted January 2012)	RHNA-related criteria as described in Board Policy No. 033. Eligibility for Policy 33 points requires housing element compliance and submittal of Annual Housing Element Progress Reports to SANDAG.	Based on Board Policy No. 033 Criteria: RHNA Share Taken; Regional Share of Cumulative Total of Lower-Income Units Produced; Total Number of Affordable Housing Units; Percent of Lower Income Households	25	25	Complete Communities, Partnerships and Collaboration