

Figure 7-1 EN TRIPS System Evaluation Framework

Goal	Evaluation Criteria	Metric
Integration and Access		
Safety	Minimize number/severity of collisions	Does project address collisions hot spot identified in SWITRS data? (Yes/No) Does project design reduce 85th percentile motor vehicle speeds to 25 mph or below?
	Enhance perception of safety	Qualitative assessment
Circulation	Reduce total person delay	Modeled person-hours of delay from optimized corridor travel time
	Reduce transit delay	Modeled transit delay
	Improve transit reliability	Modeled transit reliability
	Improve reliability of motor vehicle average travel time	Modeled travel-time consistency
Multimodal network completeness	Provide complete streets (According to coordinated network typology)	Network analysis/Qualitative assessment of according to coordinated network typology
	Optimize network connectivity (All modes have complete networks)	Network analysis/Qualitative assessment
Land use coordination	Support movement of people to, from, and within existing and planned population centers	Qualitative assessment of existing and project population densities.
Community		
Quality of public realm	Adhere to Better Streets plan goals, guidelines, and typology	Qualitative assessment using Better Streets Plan guidelines
Community aspirations	Respond to needs expressed through community participation	Qualitative assessment
	Supports community goals expressed through Eastern Neighborhoods community planning process	Qualitative assessment
Economy		
Economic Development	Supports economic development criteria as adopted in EN plans	Qualitative assessment
	Supports movement of goods to, from, and within existing and planned commercial and PDR centers	Qualitative assessment of existing and projected commercial corridors and job centers.
Environment		
Climate/Air Quality	VMT reduction/local air quality improvement	Modeled change in per capita VMT
Project Deliverability		
Scale	Project is appropriately scaled for EN TRIPS analysis	Project is appropriately scaled for EN TRIPS analysis
Timeliness	Project leverage	Opportunity to coordinate with other planned projects.
	Project readiness and timeline	Estimated implementation time frame in years
Funding	Implementation cost/benefit	Estimated implementation budget in dollars/priority rank in this evaluation
	Design/environmental review cost	Estimated percentage of EN TRIPS design and analysis budget
	Funding opportunities	Meets criteria for known funding source (y/n)

Note: criteria are not listed in ranked order of importance