

# Draft Evaluation Criteria



General Evaluation Criteria Grouping	Criteria Sub-Group	Evaluation Criteria	Prelim. Screen.	Primary Eval.	Measurement Method	
<b>Effectiveness</b> - Addresses stated transportation issues in the corridor	Coverage	Service to Population, Employment, and Other Destinations	✓	✓	Tabulate population, employment, key destinations, and similar, served by option	
		Transit Connectivity	✓	✓	Access to other transit services (existing and planned)	
	Operations	Running-way Configuration(s)			✓	Quantify amount of runningway that is dedicated and amount that is mixed flow
		Corridor Length			✓	Measured length of the corridor (mi or feet)
		Capacity			✓	Potential corridor capacity (hourly) based on mode technology, headways, and other conditions
		Interoperability	✓	✓	✓	Identification of whether the chosen runningway configuration and transit mode technology are compatible with regionally planned systems
		Avoidance of Congestion			✓	Number and locations of LOS E/F intersections avoided
		Intersection Priority			✓	Percent of intersections where TSP is needed and can be implemented successfully - notation of where it cannot be implemented successfully
		Ridership			✓	Forecast number of riders
	Alignment	Geometrics	✓	✓	✓	Geometric quality of alignment
		Runningway Status			✓	Percent of corridor to be located on new or realigned roadway
	Phasing	Phasing			✓	Identification of ability to phase operations and implementation
<b>Impacts</b> - Extent to which economics, environment, community, transportation are affected	Economic	Development Incentive			✓	Perceived value of transit mode technologies with regard to development potential
	Natural Environmental	Natural Environment			✓	Summary of key environmental conditions affected (wetlands, floodplains, T&E, streams, and similar)
		Parks and Open Space			✓	Summary of parks and/or open spaces affected
	Neighborhood and Community	Property	✓	✓	✓	Number, use type, and quantity of properties impacted with anticipated level of impact (ROW only, partial take, total take)
		Community Resources			✓	Identify number and location of historical, cultural, community, archaeological resources affected
		Demographics			✓	Identification of impacts to special populations
		Noise and Vibration			✓	Summarize relative noise and vibration impacts of different mode types and corridor configurations
	Transportation	Vehicular Capacity	✓	✓	✓	Effect of transit implementation on vehicular capacity of corridor
		Traffic Signals			✓	Number of existing signalized intersections affected by transit, identification of need for new signal phases, and number/location of new traffic signals needed to accommodate transit
		Multimodal Accommodation			✓	Impacts to, and ability to accommodate bicycles and pedestrians
Parking				✓	Impacts to parking	
<b>Cost Effectiveness</b> - Extent to which the costs are commensurate with their benefits	Cost	Capital cost			✓	Order of magnitude capital cost for corridor (stations, runningway, etc.)
		Operating cost			✓	Order of magnitude operating cost
		Cost Per Rider			✓	Order of magnitude cost per rider
<b>Financial Feasibility</b> - Cost of system/concept is in alignment with available funding	Funding	Funding			✓	Availability to specific funding sources
		Private Capital Incentive			✓	Judgment as to whether the concept has the potential to attract private capital investment and innovative procurement