



Alternatives Screening Process



ALTERNATIVES ANALYSIS

We Are Here

SCREEN LEVEL	SCREEN 1 (UNIVERSE OF ALTERNATIVES)	SCREEN 2 (LONG LIST OF ALTERNATIVES)	SCREEN 3 (SHORT LIST OF ALTERNATIVES)
PURPOSE	<ul style="list-style-type: none"> Wide range along numerous paths All transit modes/technologies 	<ul style="list-style-type: none"> Compare alignments and modes Drop poor performers from further consideration 	<ul style="list-style-type: none"> Compare alignments and modes No-Build (Existing + Committed) Enhanced Bus Service
EVALUATION MEASURES	<ul style="list-style-type: none"> Deficient and constrained roads Average right-of-way Environmental constraints Mode compatibility 	<ul style="list-style-type: none"> Constructability Activity centers served Transit supportive density Developable land Potential impacts (environmental, property) Ridership (relative terms) Transit & roadway performance (speed, travel time, level of service) Capital cost (relative) Public opinion 	<ul style="list-style-type: none"> Cost Effectiveness TOD Opportunities (vacant or underutilized land, land use plans, targeted areas for redevelopment) Station area densities (population, employment) Ridership (Total, New) Transit & roadway performance (speed, travel times, level of service) Environmental impacts (natural, cultural, man-made) Public opinion
OUTCOME	<ul style="list-style-type: none"> “Full List of Alternatives” map to 10 alignments 	<ul style="list-style-type: none"> Reduce set of alignments for detailed study Reduction in mode / technology 	<ul style="list-style-type: none"> Locally Preferred Alternative