Build Alternatives Evaluation Table

Operational Configurations Improvement Effectiveness Index	Improve Operational Efficiency				Provide an opportunity for reliable travel times; Create a dependable and consistent route for transit; Facilitate reliable emergency response			Potential for Environmental Impacts		
	Reduce Congestion Delay	Optimize Corridor Utilization	Maximize Travel Time Savings	Serve All Roadway Users	Provide Opportunity for Reliable Travel Time for All Users			Air Quality	Other Resources	ROW acquisitions
	Corridor Annual Vehicles Hours of Delay Savings	Corridor Daily increase in Throughput (vehicle-miles-traveled) vs. No-Build	AM Travel Time in minute (GP, Alt. Lane)	PM Travel Time in minutes (GP, Alt. Lane)	Travel Time Savings for General Purpose Lane Users Compared to No-Build (AM, PM)	95th Percentile AM Travel Time Buffer in minutes (NB GP, Alt. Lane)	95th Percentile PM Travel Time Buffer in minutes (SB GP, Alt. Lane)	Congestion contributes to poor air quality near facility	Resources with regulatory protection (species, Waters of the US, parks, cultural)	Number of impacted property owners
No-Build	0	0	20	22	0, 0	21, n/a	24, n/a	no change	no change	0
Express Lanes	460,000	117,000	16, 8	17, 8	4, 5	12, 3	13, 3	reduces congestion	Minimal Impact	0
HOV	260,000	52,000	18, 8	19, 7	2, 3	17, 3	19, 3	reduces congestion	Minimal Impact	0
Transit Only	20,000	Minimal Impact	20, 8	22, 8	0, 0	21, n/a	24, n/a	reduces congestion	Minimal Impact	0

AM: 7 - 9 a.m. PM: 4 - 6:30 p.m. **Little/no change** Better Best