



# SIMPSON ROAD - ALTERNATIVES MATRIX

## Comparative Analysis

EVALUATION CRITERIA	CORRIDOR ALIGNMENTS			INTERSECTION OPTIONS			
	NO BUILD	ALTERNATIVE A Bike Lane	ALTERNATIVE B Shared Use Path	FORTUNE RD		BUENAVENTURA BLVD	
				Option 1	Option 2	Option 1	Option 2
<b>NATURAL ENVIRONMENT</b>							
Wetland Impacts (acres)	0	0.7	0.7	0	0.2	0	0
Floodplain Impacts (acres)	0	0.87	0.87	0	0	0	0
Threatened & Endangered Species (high/med/low)	0	Low	Low	Low	Low	Low	Low
<b>PHYSICAL RESOURCES</b>							
Contamination Sites (high/med : number)	0/0	4/2	4/2	0/0	0/0	0/0	0/0
Noise (potential neighborhoods impacted)	0	11	11	0	0	0	0
Noise (nonresidential sensitive land uses)	0	10	10	0	0	0	0
<b>CULTURAL RESOURCES</b>							
Historical Sites (number)	0	0	0	0	0	0	0
Archaeological Sites (number)	0	0	0	0	0	0	0
Recreational Areas (number)	0	0	0	0	0	0	0
<b>TRAFFIC</b>							
Corridor Travel Time (min)	35	14	15	"-"	"-"	"-"	"-"
Average Speed (mph)	7	18	16	"-"	"-"	"-"	"-"
Intersection Delay (seconds per vehicle)	"-"	"-"	"-"	94	88	120	112
<b>RIGHT OF WAY</b>							
Right of Way (acres)	0	13.14	13.14	0	1.27	0	0.77
Number of Residential Parcels (multi/single family units)	0	3/5	3/5	0	1	0	0
Number of Business Parcels	0	14	14	0	1	0	3
Number of Institutional Use Parcels	0	3	3	0	0	0	0
Number of Community Use Parcels	0	1	1	0	1	0	0
Number of Unimproved Parcels	0	8	8	0	0	0	0
<b>COST ESTIMATE</b>							
Design/Construction	\$0	\$55,850,000	\$55,847,000	\$6,287,000	\$6,482,000	\$3,793,000	\$4,547,000
Design/Construction Engineering Inspection	\$0	\$11,170,000	\$11,169,000	\$1,257,000	\$1,296,000	\$759,000	\$909,000
Right of Way*	\$0	Not Included	Not Included	Not Included	Not Included	Not Included	Not Included
<b>TOTAL COST</b>	<b>\$0</b>	<b>\$67,020,000</b>	<b>\$67,016,000</b>	<b>\$7,544,000</b>	<b>\$7,778,000</b>	<b>\$4,552,000</b>	<b>\$5,456,000</b>

\*Right of way costs to be determined for recommended alignment/intersections