

CR 455 EXTENSION PD&E STUDY - ALTERNATIVE ALIGNMENTS EVALUATION MATRIX

Evaluation Factors	Purple	Green	Yellow	Blue	Pink	No-Build
RIGHT-OF-WAY IMPACTS						
# of Residential Parcels Impacted	5	5	10	15	10	0
# of Business Parcels Impacted	6	4	2	2	2	0
# of Utility and Governmental Parcels Impacted	7	7	7	3	7	0
# of Vacant Parcels Impacted	6	6	8	6	8	0
# of Parcels Impacted (Total)	24	22	27	26	27	0
Right-of-Way Required for Roadway (acres)	72.18	78.61	78.09	67.88	78.64	0.00
Right-of-Way Required for Ponds (acres)	21.29	20.66	19.29	21.69	19.29	0
Total Right-of-Way Required (acres)	93.46	99.27	97.37	89.57	97.93	0.00
Splits a Community?	No	No	Yes	Yes	Yes	No
Conserv II Impacts (acres)	17.03	17.03	17.03	21.26	17.03	0
RELOCATION IMPACTS						
# of Potential Residential Relocations	1*	3	0	0	0	0
# of Potential Business Relocations	0	0	0	0	0	0
ENVIRONMENTAL IMPACTS						
Natural Environment						
Wetland Impacts (acres)	2.47	2.47	3.48	2.29	3.49	0
Floodplain Impacts (acres)	5.85	5.85	10.54	10.85	10.13	0
Wildlife/Habitat Impacts	Med	Med	High	Low	High	None
Cultural Environment						
Cultural Impacts	Low	Low	Low	Low	Low	None
Physical Environment						
Potential Contamination Sites Impacted	0	0	0	0	0	0
TOTAL CONSTRUCTION COST ONLY (in millions)	\$55.1	\$58	\$67.1	\$47.2	\$66.4	\$0

*Can be zero if typical section footprint is reduced during design.