

US 92 (SR 600)

From East of I-4 to East of County Line Road
Project Development and Environment (PD&E) Study Re-evaluation
Work Program Item Segment No. 435749-1

US 92 EVALUATION MATRIX

FROM I-4 TO COUNTY LINE ROAD

Evaluation Criteria		Segment 1	Segment 1 Segment 2		Segment 3	Segment 3 Segment 4		Segment 5 Segment 6		Segment 7 Segment 8				Segment 9	Segment 10	Segment 11		
	1994 PD&E Preferred	From east of I-4 (Garden Lane to west of CR 579	(Garden Lane to from west of CR 579 to east CR 579		from east of CR 579 to North Parsons Avenue	II WILL INVITED FOR SUME AVEINGE TO COST OF		from east of Crow Wing Drive to Castlewood Road	Gallagher Road		Callaghau Daad ta		from Lynn Oaks Circle east of Bethlehem Road		from east of Bethlehem Road to Mobley Street	from Mobley Street to Park Road	from Park Road to just east of County Line Road	
	Alignment	Original PD&E Study Alignment North - South	North	Centered (Original PD&E Study Alignment)	South	Original PD&E Study Alignment - South	North (Original PD&E Study Alignment)	South	Original PD&E Study Alignment - North	North (Original PD&E Study Alignment)	South	Original PD&E Study Alignment - South	North	Centered (Original PD&E Study Alignment)	South	Original PD&E Study Alignment South - North	No-Build (Original PD&E Study Alignment)	
Business Impacts																		
Number of Businesses Relocations	50	26	5	4	5	9	1	1	1	2	4	1	2	2	0	36	0	25
Residential Impacts												PT-						
Number of Residential Relocations	91	8	2	2	2	0	19	9	5	3	3	7	11	10	23	22	0	44
Potential Environmental Effects																		
Archaeological/Historical Sites	o	0	0	0	o	0	0	0	0	0	0	0	0	0	0	0	0	1
Noise ¹	244	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	0	TBD
Wetlands (acres)	21.98	0.68	0	0	0	0	1.28	1.38	0.14	1.28	0.28	0	2.19	2.09	1.5	6.7	0	0.16
Floodplains (acre feet)	5.41	1.29	0	0	0	0		0	15.69	1.42	1.42	0.72	6.52	6.52	6.52	31.63	0	0
Threatened and Endangered Species	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	0	Low
Contamination Sites (high/medium)	43	10	1	2	2	3	0	1	0	2	3	0	0	1	1	6	0	14
Right-of-Way Needs																		
Right-of-Way to be Acquired for Roadway Improvements (ac.)	137.5	15.1	5.1	4.5	5.4	4.6	10.3	10.4	9.6	9	8.5	11.1	14	13.6	13.1	32.1	0	33.8
Right-of-Way to be Acquired for Stormwater Facilities (ac.)		15.4	0	0	0	1.2	1.7	1.7	8.66	4.8	4.8	1.5	1.8	1.8	1.8	13.4	0	7.3
Right-of-Way to be Acquired for Floodplain Compensation (ac.)		1.4	0	0	0	0	0	0	15.7	1.4	1.4	0.7	6.5	6.5	6.5	31.6	0	0
Estimated Total Project Costs (2015 Cost)																		
Design ²	\$2,410,000	\$1,645,000	\$546,000	\$546,000	\$546,000	\$504,000	\$987,000	\$987,000	\$648,000	\$619,000	\$619,000	\$864,000	\$1,037,000	\$1,037,000	\$1,037,000	\$4,491,000	\$0	\$2,534,000
Wetland Mitigation ³	N/A	\$102,000	\$0	\$0	\$0	\$0	\$192,000	\$207,000	\$21,000	\$192,000	\$42,000	\$0	\$329,000	\$314,000	\$225,000	\$1,005,000	\$0	\$24,000
Road Right of Way	\$52,740,000	\$28,906,000	\$10,118,000	\$11,217,000	\$8,817,000	\$6,969,000	\$10,781,000	\$10,786,000	\$3,163,000	\$8,964,000	\$8,863,000	\$11,207,000	\$16,295,000	\$17,495,000	\$16,129,000	\$41,954,000	\$0	\$41,193,000
SMF and FPC Right of Way		\$5,612,000	\$2,586,000	\$2,586,000	\$2,586,000	\$493,000	\$1,066,000	\$1,066,000	\$8,218,000	\$1,610,000	\$1,610,000	\$1,597,000	\$4,477,000	\$4,477,000	\$4,477,000	\$19,351,000	\$0	\$5,230,000
Roadway Construction	\$23,990,000	\$16,450,000	\$5,460,000	\$5,460,000	\$5,460,000	\$5,040,000	\$9,870,000	\$9,870,000	\$6,480,000	\$6,192,000	\$6,192,000	\$8,640,000	\$10,368,000	\$10,368,000	\$10,368,000	\$44,910,000	\$0	\$25,344,000
Construction Engineering & Inspection ⁴	\$2,410,000	\$1,645,000	\$546,000	\$546,000	\$546,000	\$504,000	\$987,000	\$987,000	\$648,000	\$619,000	\$619,000	\$864,000	\$1,037,000	\$1,037,000	\$1,037,000	\$4,491,000	\$0	\$2,534,000
Preliminary Estimate of Total Project Cost (2015 Cost)	\$81,550,000	\$54,360,000	\$19,256,000	\$20,355,000	\$17,955,000	\$13,510,000	\$23,883,000	\$23,903,000	\$19,178,000	\$18,196,000	\$17,945,000	\$23,172,000	\$33,543,000	\$34,728,000	\$33,273,000	\$116,202,000	\$0	\$76,859,000
umber of noise sensitive sites that meet or exceed FHWA NAC. esign cost is esitamted at 10% of the total construction cost. litigation Costs are estimated based on \$150,000 per acre of impacted wetlands. Final mitigation costs will be rmined through consultation with environmental agencies. onstruction Engineering & Inspection Costs are estimated at 10% of the total construction cost.			Recommen	ded Build Alter	native													