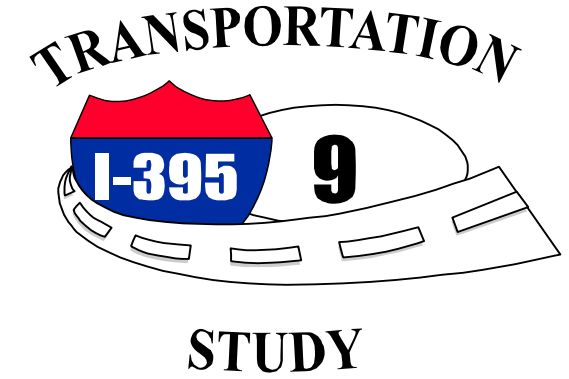


Summary of Preliminary Impacts and Feasibility of the Range of Reasonable Alternatives Retained for Continued Screening January 2003



Purpose and Needs			Physical and Biological Environment												
Alternative	Satisfy Purpose (yes/no)	Satisfy Needs (yes/no)	NWI & Hydric Soils (acres)	NWI / Hydric Soils (acres)	# of Wetlands (each/acres) ¹	Water Crossings (No./ Fish)	Undeveloped Wildlife Habitat (acres)	Notable Wildlife Habitat (acres)	Aquifers: Surface Area Impacted (acres)	High Yield Aquifers (acres)	Floodplains (acres)	Community Wells Directly Impacted (each)	Active Farmland (acres)	Prime Farmland Soils (acres)	Farmland Soils of Statewide Importance (acres)
No-build	no	no													
2B-1	yes	yes	35.4	5.9/34.5	9/35.4	5/2	186	0	222	0	10.7	0	18.8	37.0	0
2C-1/2B-1	yes	yes	37.5	9.0/32.6	12/37.5	9/1	189	0	225	0	10.6	0	16.7	43.0	0
2C-1	yes	yes	34.8	13.6/31.9	12/34.8	5/1	165	0	204	0	11.6	0	19.5	47.6	0
2C-2	yes	yes	35.2	12.9/32.7	12/35.2	5/1	152	0	202	0	14.3	0	32.4	45.8	0
3A-3EIK-1	yes	yes	50.0	5.6/48.2	5/ 50.0	8/1	182	12.5	205	0	22.8	0	9.3	22.2	0

Alternative	Land Use										Cultural Resources			Engineering Feasibility										
	Commercial Land (acres)	Residential Land (acres)	Agricultural (acres)	Undeveloped Land (acres)	Other Land (acres)	Total Land (acres)	Residential Displacements ²	Commercial Displacements	Number of Buildings in Proximity ^{3,4}	Env. Risk Sites	Archaeological Areas (each)	Recorded Archaeological Sites (each)	Historic Properties (each)	Satisfy Design Criteria (yes/no)	Length of New Roadway (miles)	Bridge (No./Length in feet)	Cut (millions of cubic yards)	Fill (millions of cubic yards)	Net Earthwork (millions of cubic yards)	Deepest Cut (feet)	Deepest Fill (feet)	Roadway/Railway Crossings	Average Grade (percent)	Average Curvature (degrees)
No-build													no											
2B-1	0	10.0	18.8	186	6.9	222	9	0	60	0			yes	10.7	8/2,232	1.74	1.75	-0.01	56	50	5	1.1	0.7	
2C-1/2B-1	0	9.6	16.7	189	9.9	225	10	0	56	0			yes	10.7	7/2,232	1.94	1.91	0.03	75	50	5	1.1	0.7	
2C-1	0	11.1	19.5	165	8.7	204	8	0	65	0			yes	9.3	9/2,469	1.93	1.94	-0.01	77	50	6	1.2	0.7	
2C-2	0	11.4	32.4	152	6.3	202	8	0	65	0			yes	9.2	9/2,469	1.90	1.89	0.01	69	50	6	1.2	0.7	
3A-3EIK-1	0	7.9	10.9	182	4.6	205	8	0	41	0			yes	9.2	7/1,774	2.11	2.10	0.01	75	62	5	1.4	0.8	

Notes:

- ¹ Hydric soils were considered to be wetland areas.
- ² A residence was considered displaced if it was directly impacted by an alternative
- ³ Proximity is defined as within 500 ft. on either side of a proposed alternative.
- ⁴ New column added in June 2002