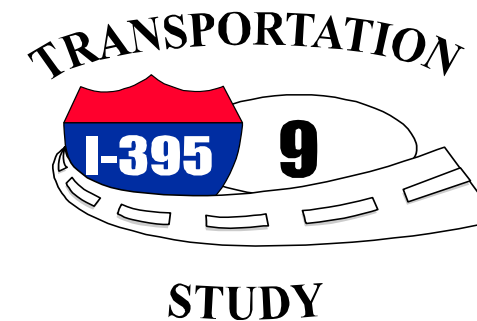


Summary of Preliminary Impacts and Feasibility of the Range of Reasonable Alternatives Retained for Continued Screening June 2002

Purpose and Needs			Physical and Biological Environment												
Alternative	Satisfy Purpose (yes/no)	Satisfy Needs (yes/no)	NWJ & Hydric Soils (acres)	NWJ / Hydric Soils (acres)	# of Wetlands (each/acres ¹)	Water Crossings (No./ Fish)	Undeveloped Wildlife Habitat	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													
1-4B-1	no	no	37.5	2.9/37.0	4/37.5	8/0	165	2.8	244	0.0	0.8	5	10.4	42.2	0
2B ^{2,3}	yes	yes	27.8	4.1/24.4	5/27.8	6/2	93	0.0	120	0.0	10.5	0	17.1	23.3	0
2BEF	yes	yes	65.6	10.8/62.2	11/65.6	11/2	175	0.0	219	0.0	16.0	0	20.1	37.8	0
2BE3K	yes	yes	53.9	9.3/51.2	11/53.9	11/1	170	0.0	209	0.0	15.1	0	8.8	39.3	0
3EIK	yes	yes	46.8	4.5/45.5	8/46.8	7/0	211	3.2	226	0.0	7.4	0	4.1	20.5	0
3EIK-1	yes	yes	48.0	5/42.4	7/48.0	8/0	205	13.9	224	0.0	15.6	0	7.9	22.7	0
3A-3EIK-1	yes	yes	50.0	5.6/48.2	5/ 50.0	8/1	182	12.5	205	0.0	22.8	0	9.3	22.2	0
4B	yes	yes	44.4	3.2/43.5	3/44.4	10/0	253	1.8	276	0.0	0.8	0	6.9	18.6	0
5A2EF	yes	yes	79.9	18.6/76.1	24/79.9	9/0	193	0.0	252	0.0	5.9	0	32.9	45.6	0
5A2E3K	yes	yes	68.6	19.6/65.0	24/68.6	9/0	195	0.0	249	0.0	6.7	0	31.7	49.9	0
5B2EF	yes	yes	80.2	15.6/73.5	18/80.2	11/1	179	4.6	250	0.0	11.6	0	15.9	46.0	0
5B2E3K	yes	yes	66.7	15.3/60.3	18/66.7	10/2	179	4.6	243	0.0	11.5	0	15.0	49.0	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 ⁴	Commercial Displacements	Number of Buildings in Proximity ^{5,6}	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)	Length of Local Roads Created (miles) ⁶	Cut (millions of cubic yards)	Fill (millions of cubic yards)	Net Earthwork (millions of cubic yards)	Deepest Cut (feet)	Deepest Fill (feet)	Roadway Crossings	Average Grade	Average Curvature
No-build													no												
1-4B-1	11.2	28.7	10.4	165	29.5	244	15	6 ⁷	165	0			no	10.2	6/2,572	4.9	—	—	—	—	—	13	—	0.50	
2B ^{2,3}	0.0	4.9	17.1	93	5.5	120	3	0	200 ⁸	0			no	5.8	7/4,354	0	0.89	0.91	-0.03	37	29	4	1.13	0.58	
2BEF	0.0	15.0	20.1	175	8.6	219	7	0	120	1			yes	10.2	10/3,820	0	1.72	1.82	-0.10	47	27	7	0.87	0.52	
2BE3K	0.0	10.9	8.8	170	18.6	209	8	0	73	1			yes	10.1	8/3,021	0	1.59	1.58	0.01	47	27	6	1.10	0.67	
3EIK	1.5	2.5	4.1	211	6.4	226	2	0	22	0			yes	10.4	10/3,948	0	1.90	2.19	-0.29	66	37	4	1.54	0.55	
3EIK-1	1.0	4.1	7.7	205	6.9	224	4	1	21	0			yes	10.2	7/2,797	0	2.19	2.18	0.01	75	56	4	1.45	0.78	
3A-3EIK-1	0.0	7.9	10.9	182	4.6	205	8	0	41	0			yes	9.2	7/2,809	0	2.11	2.10	0.01	75	62	3	1.36	0.75	
4B	1.0	9.3	6.9	253	6.2	276	4	1 ⁷	31	0			yes	11.0	11/3,486	0	4.08	3.84	0.24	82	64	9	2.03	0.54	
5A2EF	0.0	13.6	32.9	193	13.0	252	5	0	131	1			yes	11.0	11/4,074	0	2.55	2.75	-0.20	66	44	7	0.90	0.63	
5A2E3K	0.0	9.3	31.7	195	12.8	249	5	0	84	1			yes	10.9	9/3,286	0	2.48	2.61	-0.13	64	44	5	1.03	0.77	
5B2EF	2.0	18.8	15.9	179	34.8	250	10	1	126	1			yes	11.4	11/4,281	0	2.33	2.19	0.14	47	49	9	0.86	0.46	
5B2E3K	2.0	14.6	15.0	179	32.5	243	12	1	79	1			yes	11.3	9/3,492	0	2.18	2.00	0.18	47	49	7	0.93	0.59	

Notes:

- ¹ Hydric soils were considered to be wetland areas.
- ² Connects to Route 9 between Davis Road and Chemo Road
- ³ Impacts from alternative include impacts along its entire length of Route 9 to the east of East Eddington providing for equal comparison between alternatives
- ⁴ A residence was considered displaced if it was directly impacted by an alternative
- ⁵ Proximity is defined as within 500 ft. on either side of a proposed alternative.
- ⁶ New column added in June 2002
- ⁷ Results in operational impacts to the Boy Scouts of America, Camp Roosevelt
- ⁸ 47 houses and businesses in proximity along portion of alternative on new alignment between I-395 and Route 9. 153 houses and businesses in proximity along Route 9 between portion on new alignment and where other alternatives join Route 9 to the east of the village of East Eddington