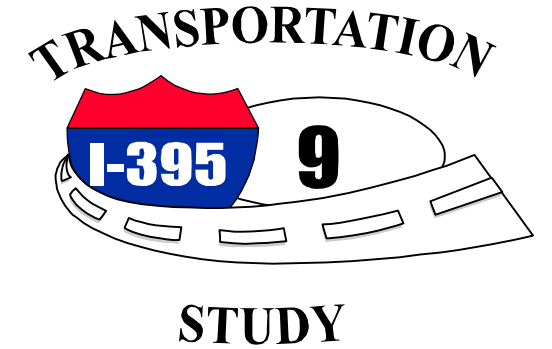


# Summary of Preliminary Impacts and Feasibility of Alternatives Considered April 2003



## 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 <sup>1</sup> )	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
3A-3EIK-1 <sup>4</sup>	yes	yes	48.0	5.6/46.4	7/47.9	9/1	190	12	208	0	23.7	0	8.8	23.2	0
3EIK-2	yes	yes	43.2	6.8/37.9	10/43.2	6/0	215	0.7	232	0	9.6	0	6.2	20.5	0

## Land Use

## Cultural Resources

## Engineering Feasibility

Alternative	Commercial Land (acres)	Residential Land (acres)	Agricultural (acres)	Undeveloped Land (acres)	Other Land (acres)	Total Land (acres)	Residential Displacements <sup>2</sup>	Commercial Displacements	Number of Buildings within 500 feet <sup>3</sup>	Number of Buildings within 1000 feet <sup>3</sup>	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	61	118	0				yes	10.7	7/2,232	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	54	93	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	63	89	0				yes	9.3	8/2,469	1.93	1.94	-0.01	77	50	6	1.2	0.7
3A-3EIK-1 <sup>4</sup>	0	3.5	8.8	190	5.3	208	8	0	12	46	0				yes	9.5	6/1,774	2.11	2.13	-0.02	75	62	5	1.4	0.8
3EIK-2	1	2.8	6.2	215	6.7	232	4	0	12	46	0				yes	10.6	6/1,948	2.12	2.13	-0.01	63	42	6	1.5	1.0

**Notes:**

<sup>1</sup> Hydric soils were considered to be wetland areas.

<sup>2</sup> A residence was considered displaced if it was directly impacted by an alternative.

<sup>3</sup> Measured from the limit of disturbance on either side of a proposed alternative.

<sup>4</sup> 3A-3EIK-1 revised to avoid the mobile home park since January 2003 meeting.