



US 113 North / South Study



MILLSBORO-SOUTH - BYPASS IMPACT COMPARISON OF PRELIMINARY ALTERNATIVES



ALTERNATIVES IMPACTS COMPARISON MATRIX - MILLSBORO

	No. Build	On Alignment Alternatives		East Bypass Alternatives			Millsboro West Bypass Alternatives						Dagsboro West Bypass Alternatives		Frankford West Bypass Alternatives		Selbyville West Bypass Alternatives	
		A 1	A 2	B 1	B 2	B 3	C 4	C 5	C 6	C 7	D 4	D 8	E	F	G	H	I 6	I 7
Length of Proposed Improvements																		
Existing US 113 length (miles)	14.5	14.5	14.5	14.5	14.5	14.5	5.5	5.5	5.5	8.2	5.5	5.5	1.4	1.4	1.6	1.6	2.2	2.2
Existing SR 1 or US 113 to be retained (miles)	14.5	14.5	14.5	7.2	3.4	3.0	0	0	0	1.1	1.1	0.1	0.1	0.2	0	0.5	0	0.3
Proposed US 113 off-alignment length (miles)	0	0	0	8.0	11.4	12.1	6.2	6.4	6.0	9	5.3	5.1	1.5	1.3	1.7	1.0	2.4	2.1
Total length of alternative (miles)	14.5	14.5	14.5	15.2	14.8	15.0	6.2	6.4	6.0	9.3	6.4	6.2	1.5	1.5	1.7	1.6	2.4	2.4
Existing US 113 converted to service roads (miles)	0	4.2	4.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Area of Potential Floodplain Impacts - FEMA (acres)																		
100-Year	0	13	14	28	41	38	18	19	16	12	17	14	0	0	0	0	10	11
Area of Potential Wetland/Waters of the US Impacts																		
Total Wetlands (acres)	0	11	12	57	15	22	24	24	18	23	19	13	3	4	0	0	3	3
Hydric Soils (acres)	0	146	146	65	122	126	1	1	16	1	1	1	6	5	7	4	5	6
(1) Waters of the US Impacts (linear feet)	0	27,044	43,823	4,589	18,316	25,558	4,800	4,200	4,600	29,400	4,100	4,000	9,300	7,600	5,200	3,700	7,200	5,700
Potential Agricultural Impacts																		
Agricultural Districts (acres)	0	0	0	0	0	2	0	0	0	15	0	0	0	0	0	0	0	0
Agricultural Development Rights (acres)	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Prime Farmlands (acres)	0	176	162	106	179	166	4	5	4	22	4	5	7	5	7	4	6	7
Potential Hazardous Waste Impacts																		
Number of EPA Sites	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of NPDES Locations	0	0	0	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0
Potential Cultural Resources Impacts																		
Number of NRHP Buildings, Structures and Objects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of NRHP Archeological Sites	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0
Number of NRHP Districts	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Number of CRS Buildings, Structures and Objects	0	30	30	12	31	27	1	3	2	2	1	2	1	0	1	3	3	2
Number of CRS Archeological Sites	0	1	0	15	14	14	1	1	1	2	0	0	0	0	0	0	0	0
Number of CRS Areas/Districts	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0
Number of Cemeteries	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
(2) Predictive Model: Pre-Historic Sensitivity - High & Moderate (acres)	0	22	24	41	54	57	93	85	81	77	63	50	0	0	0	0	9	9
(2) Predictive Model: Early Historic Sensitivity - High & Moderate (acres)	0	11	14	8	14	14	33	26	29	14	26	24	0	0	0	0	0	0
(2) Predictive Model: Sites of Historic Sensitivity - High & Moderate (no.)	0	86	86	45	84	84	84	77	75	67	54	45	0	1	1	0	5	5
Potential Natural Resource Impacts (acres, square feet)																		
Natural Areas (acres)	0	0	0	12	12	12	0	0	0	0	0	0	0	0	0	0	0	0
(3) State Resource Areas (acres)	0	0	0	12	12	12	1	0	1	0	3	3	0	0	0	0	0	0
Forestland: 2002 Land Use (acres)	0	28	26	70	100	119	64	61	65	68	22	22	2	5	6	0	5	5
State Forest (acres)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rare, Threatened and Endangered Species	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
(4) Parks and Recreation Areas (acres)	0	0	0	0	0	0	5	0	5	0	5	5	0	0	0	0	0	0
Properties (numbers of, total acres)																		
Properties affected (numbers of)	0	368	373	55	111	110	88	79	76	91	81	65	34	27	31	25	59	79
Properties affected (total acres)	0	2548	2671	4365	5143	3165	256	253	249	405	216	210	78	63	83	41	67	72
Access Rights (numbers of affected properties)																		
Denial of Access (numbers of)	0	144	164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential		103	117															
Agricultural		8	8															
Commercial		32	38															
Industrial		1	1															
Modified Access (numbers of)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential		TBD	TBD															
Agricultural		TBD	TBD															
Commercial		TBD	TBD															
Industrial		TBD	TBD															

Note 1: Includes streams and ditches. Only linear feet have been calculated until determination is made on ditch or stream.
 Note 2: Predictive models do not cover entire area of alignment alternatives.
 Note 3: State Resource Areas include State Parks and Forests and those properties under active consideration as additions to State Parks and Forests.
 Note 4: Based on DNREC's Outdoor Recreation Inventory. Contains some state forest and state resource areas.
 Note 5: Impacts DO NOT include the portions of alternatives 16 and 17 in Maryland.

Impacts for west bypass options include only the length of the bypass, not on-alignment improvements at either end.