

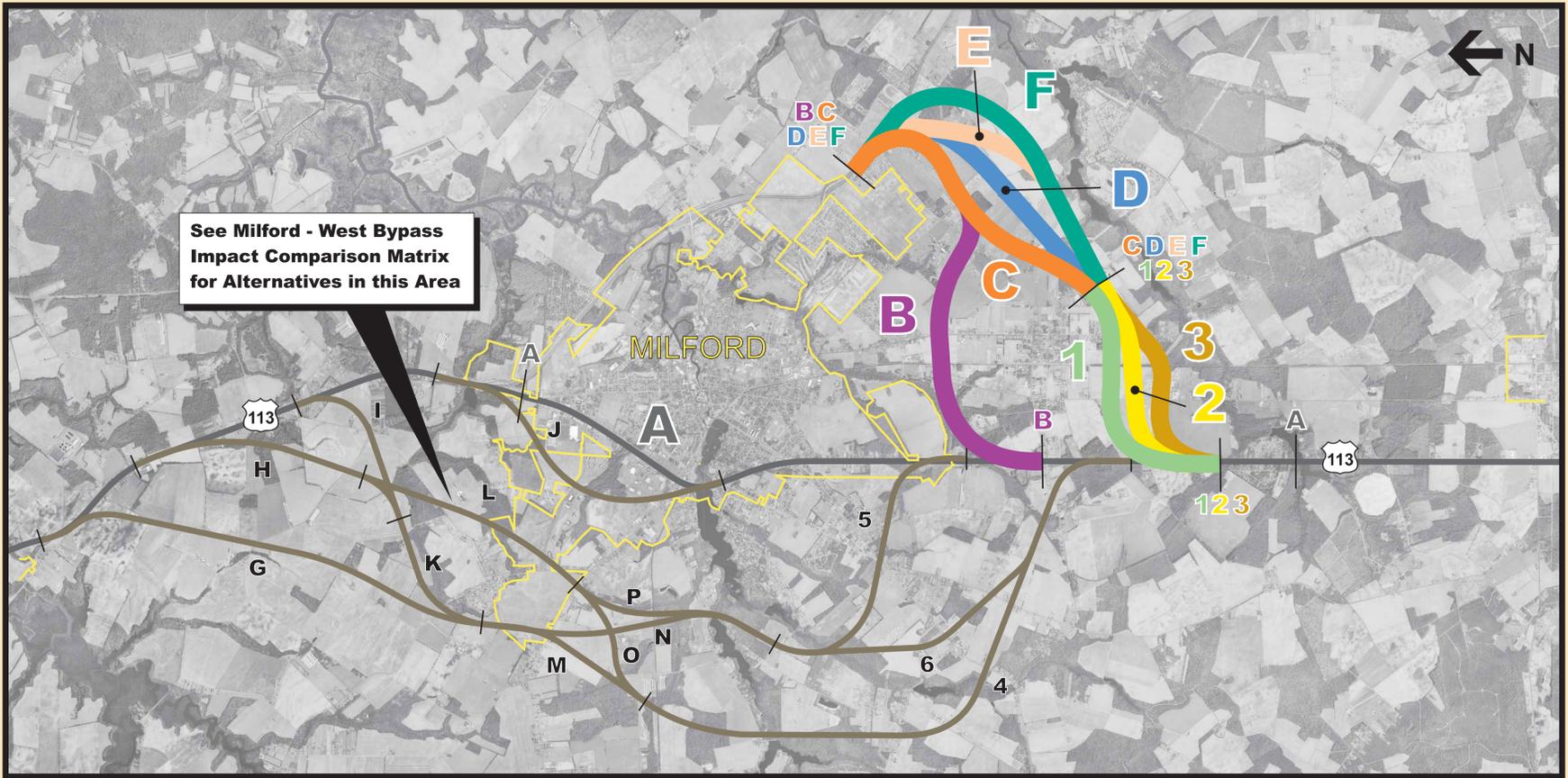


US 113 North / South Study



MILFORD - EAST BYPASS

IMPACT COMPARISON OF PRELIMINARY ALTERNATIVES



ALTERNATIVES IMPACTS COMPARISON MATRIX - MILFORD

	No Build	On Alignment Alternatives		EAST BYPASS ALTERNATIVES														
		A 1	A 2	B	C 1	C 2	C 3	D 1	D 2	D 3	E 1	E 2	E 3	F 1	F 2	F 3		
Length of Proposed Improvements																		
Existing SR 1 length (miles)	4.0	4	4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.3	8.3	8.3	8.6	8.6	8.6		
Existing US 113 length (miles)	7.2	7.2	7.2	2.4	1.1	0.9	0.8	1.1	0.9	0.8	1.1	0.9	0.8	1.1	0.9	0.8		
Existing SR 1 or US 113 to be retained (miles)	11.2	11.2	11.2	10.7	9.5	9.3	9.1	9.6	9.4	9.2	9.5	9.3	9.1	9.7	9.5	9.3		
Proposed US 113 off-alignment length (miles)	0.0	0	0	4	4.3	4.4	4.5	4.4	4.4	4.5	4.5	4.6	4.7	4.5	4.6	4.7		
Total length of alternative (miles)	11.2	11.2	11.2	14.7	13.8	13.7	13.6	13.9	13.8	13.7	14	13.8	13.8	14.2	14.1	14		
Existing US 113 converted to service roads (miles)	0.0	3.33	3.33	1.3	1.1	0.9	0.7	1.1	0.9	0.7	1.1	0.9	0.7	1.1	0.9	0.7		
Area of Potential Floodplain Impacts - FEMA (acres)																		
100-Year	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0		
Area of Potential Wetland/Waters of the US Impacts																		
Total Wetlands (acres)	0	1	1	8	4	4	4	2	2	3	4	4	4	3	3	3		
Hydric Soils (acres)	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD		
(1) Waters of the US Impacts (linear feet)	0	0	0	3,300	2,000	300	600	1,500	1,500	1,900	700	700	1,100	800	800	1,200		
Potential Agricultural Impacts																		
Agricultural Districts (acres)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Agricultural Development Rights (acres)	0	14	14	0	3	14	40	3	14	40	3	14	40	3	14	40		
Prime Farmlands (acres)	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD		
Potential Hazardous Waste Impacts																		
Number of EPA Sites	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Number of NPDES Locations	0	0	0	0	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		
Number of NRHP Archeological Sites	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Number of NRHP Districts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Number of CRS Buildings, Structures and Objects	0	3	4	2	2	4	3	1	3	2	2	3	3	2	3	3		
Number of CRS Archeological Sites	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
Number of CRS Areas/Districts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Number of Cemeteries	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
(2) Predictive Model: PreHistoric Sensitivity - High & Moderate (acres)	0	42	40	69	6	13	8	11	18	12	8	11	9	7	4	4		
(2) Predictive Model: Early Historic Sensitivity - High & Moderate (acres)	0	8	7	7	5	5	5	4	4	5	1	1	1	2	2	2		
(3) Predictive Model: Sites of Historic Sensitivity - High & Moderate (no.)	0	0	0	2	0	0	0	1	1	1	2	2	2	1	1	1		
Potential Natural Resource Impacts (acres, square feet)																		
Natural Areas (acres)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
(4, 5) State Resource Areas (acres)	0	3	3	0	0	0	0	3	3	1	5	5	5	5	5	5		
Forestland: 2002 Land Use (acres)	0	14	10	29	29	25	17	33	28	20	15	13	13	12	9	10		
State Forest (acres)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
(6) Rare, Threatened and Endangered Species	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD		
(7) Parks and Recreation Areas (acres)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Properties (numbers of, total acres)																		
Properties affected (numbers of)	0	244	261	92	78	91	104	69	81	95	79	94	103	69				
Properties affected (total acres)	0	93	91	261	262	263	268	231	232	235	245	247	251	236				
Access Rights (numbers of affected properties)																		
Denial of Access (numbers of)																		
Residential	N/A	21	32	5	1	1	1	1	1	1	1	1	1	1	1	1		
Agricultural		5	9	1	0	0	0	0	0	0	0	0	0	0	0	0		
Commercial		3	3	1	1	1	1	1	1	1	1	1	1	1	1	1		
Industrial		13	20	3	0	0	0	0	0	0	0	0	0	0	0	0		
Modified Access (numbers of)	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Residential		331	330	110	78	73	67	78	73	67	78	73	67	78	73	67		
Agricultural		231	231	100	75	71	67	75	71	67	75	71	67	75	71	67		
Commercial		13	13	6	2	1	0	2	1	0	2	1	0	2	1	0		
Industrial		72	72	4	1	1	0	1	1	0	1	1	0	1	1	0		
Total		15.00	14.00	0	0	0	0	0	0	0	0	0	0	0	0	0		

Note 2: Predictive Models do not cover entire area of alignment alternatives
 Note 3: State Resource Areas include State Parks, Forests, and properties listed as 'Proposed'. DNREC asked Project Team to consult with them on Proposed properties.
 Note 4: DNREC file Outdoor Recreation Inventory. Contains State F & W and Private Conservation
 Note 5: Impacts DO NOT include the portions of alternatives in Maryland.
 Note 6: Historic properties may be assigned both a CRS and NR point, so CRS and NR totals should not be added together. Also, some parcels have been assigned more than one CRS point; therefore, the actual number of potential historic properties affected may be fewer than represented here.