

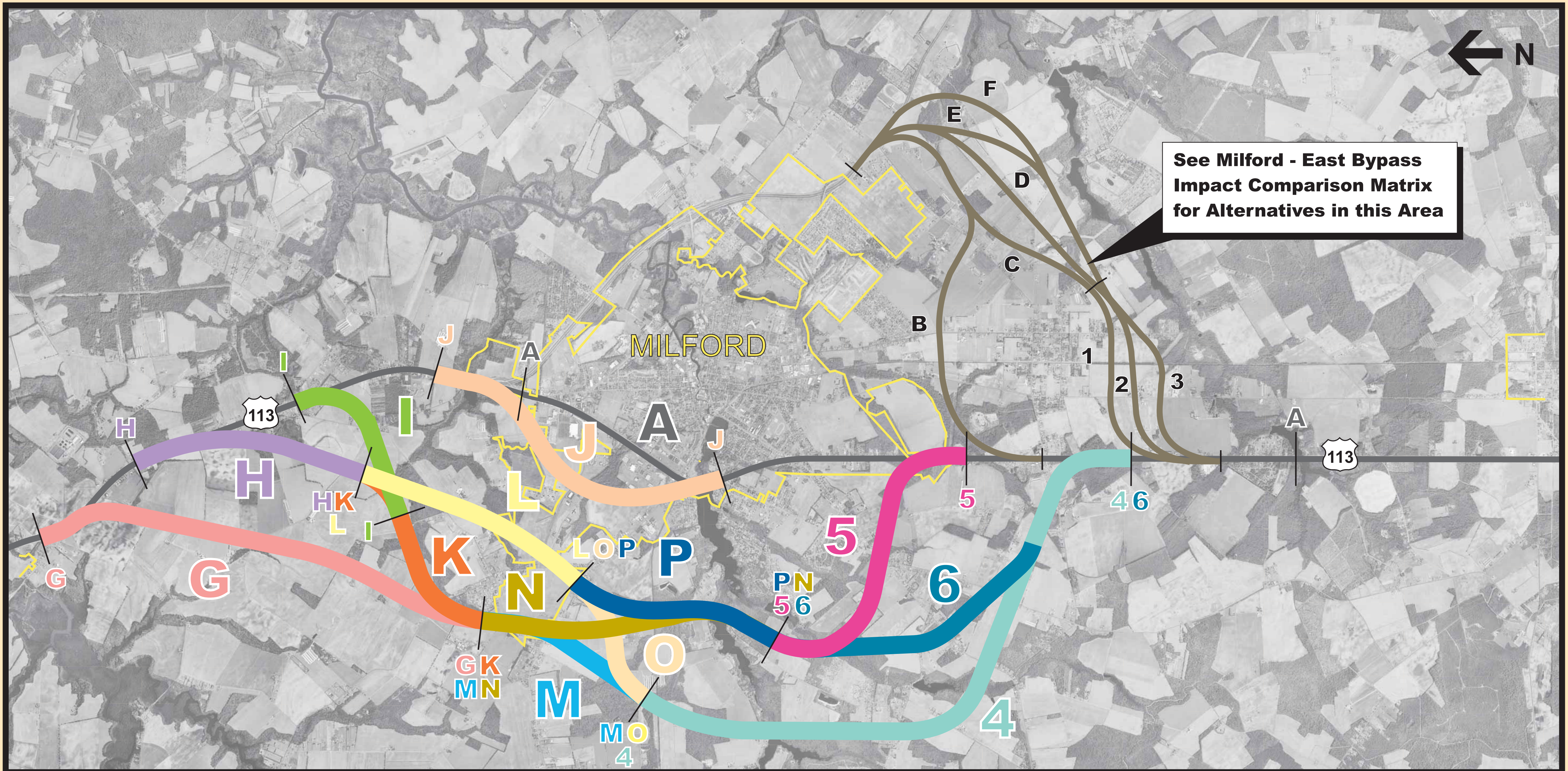


US 113 North / South Study



MILFORD - WEST BYPASS

IMPACT COMPARISON OF PRELIMINARY ALTERNATIVES



ALTERNATIVES IMPACTS COMPARISON MATRIX - MILFORD

	No Build	On Alignment Alternatives		WEST BYPASS ALTERNATIVES																
		1 A	2 A	GM 4	GN 5	GN 6	HKM 4	HKN 6	HKN 5	HLO 4	HLP 6	HLP 5	IKM 4	IKN 6	IKN 5	ILO 4	ILP 6	ILP 5	J	
Length of Proposed Improvements																				
Existing SR 1 length (miles)	4.0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Existing US 113 length (miles)	7.2	7.2	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Existing SR 1 or US 113 to be retained (miles)	11.2	11.2	11.2	1.42	2.79	1.42	1.42	1.42	2.79	1.42	1.42	2.79	1.42	1.42	2.79	1.42	1.42	2.79	1.42	4.83
Proposed US 113 off-alignment length (miles)	0.0	0	0	11.45	9.56	10.54	11.14	10.23	9.25	11.08	9.78	8.8	10.14	9.24	8.28	10.04	8.74	8.28	3.13	
Total length of alternative (miles)	11.2	11.2	11.2	12.87	12.35	11.96	13.7	12.79	13.18	12.79	13.64	12.73	14.54	13.64	14.05	14.44	13.14	13.54	11.75	
Existing US 113 converted to service roads (miles)	0.0	3.33	3.33	0	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	6	6	4	8	11	4	11	8	4	11	8	4	11	8	4	11	8	6	
Area of Potential Wetland/Waters of the US Impacts																				
Total Wetlands (acres)	0	1	1	12	7	8	16	12	11	19	17	15	16	12	10	18	16	15	2	
Hydric Soils (acres)	TBD	TBD	TBD	27	19	21	52	46	43	58	51	48	30	24	21	36	29	26	4	
(1) Waters of the US Impacts (linear feet)	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	1393	
Potential Agricultural Impacts																				
Agricultural Districts (acres)	0	0	0	31	31	41	2	12	2	2	12	2	0	10	0	0	10	0	0	
Agricultural Development Rights (acres)	0	14	14	3	0	3	2	2	2	2	2	2	0	0	0	0	0	0	0	
Prime Farmlands (acres)	TBD	TBD	TBD	73	6	69	69	66	51	71	82	68	69	66	51	71	82	68	6	
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	0	
Number of NPDES Locations	0	0	0	0	4	4	0	4	4	4	0	0	0	4	4	4	0	0	0	
Potential Cultural Resources Impacts																				
Number of NRHP Buildings, Structures and Objects	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	
Number of NRHP Archeological Sites	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Number of NRHP Districts	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Number of CRS Buildings, Structures and Objects	0	1	1	21	17	19	24	22	20	23	22	20	35	33	31	34	33	31	7	
Number of CRS Archeological Sites	0	1	1	2	0	1	2	1	0	2	1	0	3	2	1	3	2	1	0	
Number of CRS Areas/Districts	0	42	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Number of Cemeteries	0	8	7	1	0	1	1	1	0	1	1	0	1	1	0	1	1	0	0	
(2) Predictive Model: PreHistoric Sensitivity - High & Moderate (acres)	0	0	0	43	37	36	50	42	43	60	67	69	50	42	43	60	67	69	11	
(2) Predictive Model: Early Historic Sensitivity - High & Moderate (acres)	0	0	0	4	9	7	31	33	35	39	46	49	7	10	12	15	23	25	18	
(2) Predictive Model: Sites of Historic Sensitivity - High & Moderate (no.)	0	0	0	N/A	N/A	N/A	N/A		69	51	65	62	57	75	72	54	68	65	21	
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	0	0	0	
(3) State Resource Areas (acres)	0	3	3	15	11	13	15	13	11	15	13	11	15	13	11	15	13	11	3	
Forestland: 2002 Land Use (acres)	0	14	10	78	57	68	94	84	72	104	100	89	87	77	66	98	94	83	10	
State Forest (acres)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
(4) Rare, Threatened and Endangered Species	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	
(3) Parks and Recreation Areas (acres)	0	0	0	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	88	82	75	91	73	80	97	91	96	78	66	72	88	83	89	52	
Properties affected (total acres)	0	93	91	3641	2996	2968	3512	2839	2867	3493	2655	2682	3334	2662	2689	3315	2477	2504	348	
Access Rights (numbers of affected properties)																				
Denial of Access (numbers of)	N/A	21	32	27	39	26	32	31	44	42	42	55	23	22	35	33	33	46	27	
Residential		5	9	17	31	19	16	18	30	22	25	37	16	18	30	22	25	37	20	
Agricultural		3	3	5	3	2	8	5	6	9	6	7	3	3	1	4	1	2		
Commercial		13	20	5	5	5	3	3	3	6	6	6	4	4	4	7	7	7	5	
Industrial		0	0				5	5	5	5	5	5							2	
Modified Access (numbers of)	N/A	331	330																	
Residential		231	231																	
Agricultural		13	13																	
Commercial		72	72																	
Industrial		15,00	14,00											0	0	13	0	0	4	

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.