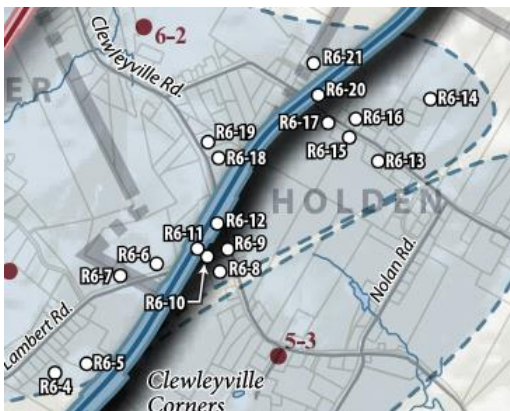
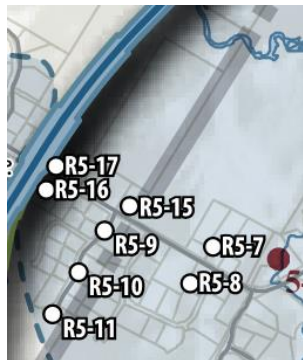
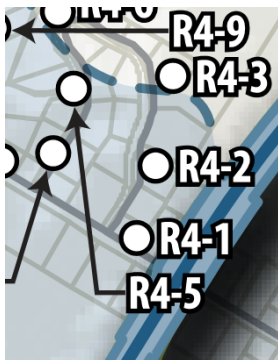


Noise levels from 2B-2 proximity effect: **“Noise barriers were determined to be feasible but not reasonable and therefore will not be constructed.”**(ROD)

Exhibit 3.28 – Summary of Predicted Noise Levels (continued)

<http://i395rtohardlook.com/wp-content/uploads/2017/01/DEIS-Chapter3-Environmental-Part-B.pdf> Pages 114 to 126

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15 families will be negatively impacted by higher noise levels when the ribbon’s cut on 2B-2 and there’s basically nothing you can do about it— thanks MaineDOT!

Site	Existing	No-Build		2B-2/the Preferred Alternative	
	Leq	Leq	IOE	Leq	IOE
Predicted Noise Levels Leq (dBA) NSA 4					
R4-1	42	43	1	57	15
R4-2	37	39	2	55	18
R4-3	34	36	2	51	17
Predicted Noise Levels Leq (dBA) NSA 5					
R5-16	45	46	1	58	14
R5-17	44	45	1	59	16
Predicted Noise Levels Leq (dBA) NSA 6					
R6-1	33	36	2		
R6-2	32	34	2		
R6-4	33	35	2	53	20
R6-5	32	34	2	58	27
R6-6	35	37	2	58	24
R6-7	35	37	2	51	17
R6-8	39	41	2	54	15
R6-9	45	47	2	56	10
R6-10	42	44	2	58	16
R6-11	34	36	2	66	32
R6-12	43	45	2	61	18
R6-13	41	42	2	45	5
R6-14	33	35	2	45	11
R6-15	45	47	2	50	5
R6-16	41	43	2	50	9
R6-17	48	49	2	53	6
R6-18	38	40	2	60	22
R6-19	41	43	2	55	14
R6-20	42	44	2	61	20
R6-21	34	36	2	64	30
R6-22	39	41	2		
R6-23	35	37	2		
R6-24	42	43	2		

Notes:
 Values calculated to tenth of a dBA and then rounded for presentation purposes.
 Leq(h) = Hourly equivalent noise level
 dBA = Decibels on the A-weighted scale
 IOE = Increase over existing
 ■ = Impacts based on noise level of 66 dBA or greater; values > 66 dBA shown for existing conditions and No-Build Alternative for informational purposes.
 ■ = Impact based on noise level exceeding existing level by 15 dBA or more.

“Noise from Alternative 2B-2 will affect 15 properties: three properties in noise sensitive area (NSA) 4, one property in NSA 5, and eleven properties in NSA 6 (DEIS exhibit 3.25). To estimate noise impacts, the Noise analysis conducted for the EIS used estimated traffic volumes for a 2035 design year. MaineDOT re-examined those EIS 2035 traffic projections and validated the traffic analysis for the design year of 2045. Given the 2035 traffic values are valid for the current design year 2045 traffic projections, the noise impacts estimated for 2035 remain valid for 2045 noise estimates. The projected noise levels at the properties range from 44 to 66 decibels using an A-weighted frequency filter (dBA); the increase over existing noise levels ranges from 3 to 32 dBA. Noise barriers were determined to be feasible but not reasonable and therefore will not be constructed.”
 Record of Decision (ROD) pages 9/10

- “No barrier evaluated was determined to be reasonable because all options considered exceeded the \$31,000 per benefited residence criteria.”