

M-59 Noise Barrier Rating Form (DRAFT VERSION Jan 9, 10)

Location: _____ Total Score: _____ -

Total Possible Points 1 - 10: 145

	Score Range	Rater Score	Weight	Total Points
1 Predicted peak noise levels w/o barrier (per updated MDOT report) 73 to 77 dBA 68 to 72 dbA less than 68 dBA	5	-	5	-
	4			
	3			
2 Number of attenuated units (per updated MDOT report) greater than 40 26 to 40 11 to 25 less than 11	5	-	5	-
	4			
	3			
	2			
3 Public areas within 500 ft of M59 (multi count possible, max 10) School or Daycare Church Clubhouse Swimming Pool Common Area / Park/ Pavillion / Event Center Tennis Courts Walking / Bike trails	1	-	3	-
	1			
	1			
	1			
	1			
	1			
	1			
	1			
4 Elevation difference between first homes and M-59 M-59 is typically lower than home ground elevations by 6 feet M-59 is typically within 6 feet of home ground elevations M-59 is typically higher than home ground elevations by 6 feet	5	-	2	-
	3			
	1			
5 Number of first floor homes within 500 feet of M-59 that will, in some way, be impacted/influenced 50 or greater 40 to 49 30 to 39 20 to 29 less than 20	5	-	5	-
	4			
	3			
	2			
	1			
6 Does the wall location provide suitable maintenance access Good - road access from both sides Fair - easy access from M59, but no road access behind Poor - difficult from both sides	5	-	2	-
	3			
	0			
7 Cost per benefitting unit (per updated MDOT study) less than \$45,000 \$45,001 - \$60,000 \$60,001 - \$75,000 \$75,001 - \$90,000 greater than \$90,000	5	-	5	-
	4			
	3			
	2			
	1			
8 Is a berm or other alternative feasible? Yes - full berm Yes - partial berm No	5	-	2	-
	3			
	0			
9 Other considerations: Potential safety issues Potential aesthetic issues Reflection of approved noise barrier on opposite side	1	-	0	-
	1			
	1			

Maximum	Max %	Proposed %
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25	17.24%	17.50%
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25	17.24%	17.50%
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15	10.34%	10.00%
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10	6.90%	10.00%
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25	17.24%	17.50%
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10	6.90%	5.00%
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25	17.24%	17.50%
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10	6.90%	5.00%
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0	0.00%	0.00%
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145	100.00%	100.00%
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Criteria 1 thru 8 have been accepted, in general. Criteria 9 is still up for consideration. We'll discuss numbers at the next meeting.

