Table 4 of Appendix D to Part 213

Track Class 6 through 9 Amplitude Parameters (in inches) for MCAT Simulations on Tangent Track

		Gage 56.5"			
		Class 6	Class 7	Class 8	Class 9
Max. Operating Speed (mph)		[illegible]	[illegible]	[illegible]	[illegible]
Max. Sum of Speed (mph)		[illegible]	[illegible]	[illegible]	[illegible]
MCAT Segments	Parameter	Segment Description			
Running	θ_1	[illegible]			
Gage Narrowing	θ_2	[illegible]			
Gage Widening	θ_3	[illegible]			
Inputs of Surface	θ_4	[illegible]			
Expansion Alignment	θ_5	[illegible]			
Single Surface	θ_6	[illegible]			
Single Alignment	θ_7, θ_8	[illegible]			
Short Wave	θ_9				
Combined Perturbation	θ_{10}, θ_{11}, θ_{12}				[illegible]
		Amplitude Parameters (inches)			
Wavelength λ = 11ft	θ_1	0.250	0.250	0.250	0.250
Wavelength λ = 23ft	θ_2				
Wavelength λ = 31ft	θ_3	0.570	0.570	0.570	0.570
	θ_4	0.750	0.600	0.600	0.600
	θ_5	0.375	0.375	0.375	0.375
	θ_6	0.570	0.570	0.570	0.570
	θ_7	0.000	0.000	0.000	0.000
	θ_8				0.000
	θ_9				0.000
	θ_{10}	0.750	0.750	0.900	0.875
	θ_{11}	1.000	1.000	0.750	0.500
	θ_{12}	0.070	0.070	0.070	0.000
	θ_{13}				0.000
Wavelength λ = 62ft	θ_1	0.570	0.570	0.570	0.570
	θ_2	0.750	0.600	0.600	0.600
	θ_3	0.375	0.375	0.375	0.375
	θ_4	0.750	0.750	0.750	0.500
	θ_5	0.070	0.070	0.070	0.000
	θ_6				0.000
	θ_7				0.000
	θ_8	0.750	0.750	0.750	0.500
	θ_9	1.000	1.000	1.000	0.000
	θ_{10}	0.070	0.070	0.070	0.000
	θ_{11}				0.000
Wavelength λ = 124ft	θ_1	0.570	0.570	0.570	0.570
	θ_2	0.750	0.750	0.750	0.750
	θ_3	1.000	0.875	0.600	0.500
	θ_4	1.000	1.250	1.000	0.000
	θ_5	0.750	0.600	0.250	0.000
	θ_6				0.000
	θ_7				0.000
	θ_8	1.250	1.000	0.875	0.500
	θ_9	1.750	1.500	1.000	1.000
	θ_{10}	0.070	0.070	0.070	0.000
	θ_{11}				0.000