

ATTACHMENT 5

PERFORMANCE MEASUREMENTS

**Vermont Agency of Transportation
Tri-State Regional Rail Upgrade Project
Consolidated Rail Infrastructure and Safety Improvements Program 2022**

I. PERFORMANCE MEASUREMENTS

The table below contains the performance measures that this Project is expected to achieve. These performance measures will enable FRA to assess Grantee's progress in achieving strategic goals and objectives. The Grantee will report on these performance measures per the frequency and duration specified in the table.

Upon Project completion, Grantee will submit reports comparing the Actual Project Performance of the new and or improved asset(s) against the Pre-Project (Baseline) Performance and Expected Post-Project Performance as described in Table 1 below. Grantee need not include any analysis in addition to the described data; however, Grantee is welcome to provide information explaining the reported data. Grantee will submit the performance measures report to the Regional Manager in accordance with Table 1 below.

Table 1: Performance Measurement Table

Performance Measure	Description of Measure	Measurement	Reporting
Track Weight Capacity	Increase track capacity from 263,000-lb railcars to 286,000-lb railcars.	Pre-Project (Baseline) Performance as of December 1, 2022: 263,000-lb railcar capacity	Actual Project Performance After Project Completion: Comparison of actual performance of asset(s) versus the baseline and expected post-project performance.
			Frequency: One Time
		Expected Post-Project Performance: 286,000-lb railcar capacity	Duration: One Time

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Performance Measure	Description of Measure	Measurement	Reporting
Rail Defects	The number of internal rail defects per mile detected by ultrasonic testing within the project area.	Pre-Project (Baseline) Performance as of December 1, 2022: <i>1.54 defects per mile</i>	Contents: Comparison of actual performance of asset(s) versus the baseline and expected post-project performance.
		Expected Post-Project Performance: <i>0.5 defects per mile</i>	Frequency: Annual Duration: For three years after the project's Project Performance Period end date.

EXAMPLE