

Greater Cleveland Regional Transit Authority



Public Transportation Agency Safety Plan (PTASP)

2021 Update for the Audit, Safety Compliance
and Real Estate Committee

February 2, 2021



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A new requirement in 2020 per 49 CFR 673

Risk and Performance Based

Requires Board of Trustees approval annually

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Describes all required processes and activities, for example, having an Employee Hazard Reporting System

Identifies Performance Targets as outlined in the requirements

Contains methods of Safety Promotion to communicate and prioritize safety

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Key Updates:

1. Training Requirements
2. New Performance Targets

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Describes minimum training requirements for Safety Oversight Personnel:

1. Director of Safety and Manager of Safety certified by FTA in 2020
2. Remaining staff have certification in progress
3. Refresher training defined with a schedule

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Fatalities: Death excluding that resulting from illness or other natural causes and criminal homicides that are not related to collisions with a rail transit vehicle. Includes suicides on rail property.

2020 Actual = 0

2021 = No more than 1

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Rail Reportable Injuries:

2020 Actual = 1 (Fall from heavy rail platform at E. 34th
Campus RTS)

2021 = No more than 2 in 2021

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Rail Safety Events: A reportable accident, incident or occurrence. Examples include grade crossing collisions, evacuations due to life safety, & derailments.

2020 Actual = 11*

2021 Target = No more than 10

* includes 6 derailments of Work Equipment

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Preventable Collision Rate:

2020 Actual = 1.30 Collisions per 100,000 Miles

2021 = No more than 1.25 Collisions per 100,000 Miles

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Occupational Injury Rate:

2020 Actual = 6.47 injuries per 200,000 hours worked

2021 = No more than 7.0 per 200,000 hours worked

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Miles Between Service Interruptions (MBSI): The mean distance between major mechanical failures.

Examples include brake failures, motor issues, a door problem, axle defects, and suspension problems.

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2020 Actual = Light Rail Trains 3,070

Heavy Rail Trains 11,836

2021 = Light Rail Trains, at least 3,377 miles

Heavy Rail Trains, at least 12,191 miles

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Recommendation: Staff requests the Audit, Safety Compliance and Real Estate Committee to recommend the 2021 Public Transportation Agency Safety Plan to the Board of Trustees for approval.

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Questions?

