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MEMORANDUM

SUBJECT: Transit Safety Performance Measures & Targets

TO: Technical Advisory Committee

FROM: MPO Staff

DATE: February 12, 2024

BACKGROUND

On March 6, 2019, the MPO Council adopted certain Transit Asset Management (TAM) Performance Measures as promulgated and adopted by Delaware Transit Corporation (DTC), as required by the Federal Transit Administration (FTA). In addition to the TAM Performance Measures, MPOs are also required to establish Transit Safety Performance Targets that have been adopted by Public Transit Providers such as DTC. There is a total of seven (7) required Transit Safety Performance Targets that include:

- Number of Fatalities: The total number of reportable fatalities by mode
- Rate of Fatalities: The rate of reportable fatalities per 100K VMT by mode
- Number of Injuries: The total number of reportable injuries by mode
- Rate of Injuries: The rate of reportable injuries per 100K VMT by mode
- Number of Safety Events: The total number of reportable safety events by mode
- Rate of Safety Events: The rate of reportable safety events per 100K VMT by mode
- System Reliability: Mean Distance between Major Mechanical Failures (MMF)

Since Dover Kent MPO is not a Public Transportation Provider it is preferred that for purposes of the Federal requirements, we adopt the Transit Safety Performance Targets enacted by DTC, rather than establishing our own.

Dover Kent MPO has been provided information pertaining to the Transit Safety Performance Management Targets established by DTC (see table below) and seeks to have these adopted by the MPO Council as soon as possible.

Transit Safety Performance Management

2022 Delaware Transit Corporation (DTC) Safety Performance Targets

**MDBF: Mean Distance Between Major Mechanical Failures (in miles)*

Mode of Service	Three-Year Average System Results for DTC		Performance Target
	FIXED ROUTE	PARATRANSIT	
Vehicle Miles (VRM)	8,518,626	6,544,790	
Fatalities			
Total	0	0	Maintain at 0%
Rate per 100K VRM	0	0	
Injuries			
Total	59	16	Reduce by 10%
Rate per 100K VRM	0.69	0.19	
Safety Events			
Total	26	9	Reduce by 10%
Rate per 100K VRM	0.31	0.11	
System Reliability			
Total MMFs	1,742	221	
VRM/MMF*	4,894	29,614	Increase by 10%

RECOMMENDATION:

It is recommended that Dover Kent MPO adopt the 2022 Transit Safety Performance Targets as set forth by the Delaware Transit Corporation. Should the Technical Advisory Committee wish to proceed with this recommendation, the following Motion is offered for consideration:

MOTION: I move to recommend that the Dover Kent Metropolitan Planning Organization Council adopt the 2022 Transit Safety Performance Targets as promulgated by the Delaware Transit Corporation.

This matter will be discussed during the TAC Meeting scheduled for Tuesday, February 13, 2024 at 10AM. In the meantime, should you have any questions, or concerns please feel free to contact the MPO Office.

Thank you.