

PERFORMANCE MEASURES: ROADWAY SAFETY AND TRANSIT ASSET MANAGEMENT

Regional Transportation Council

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North Central Texas Council of Governments

Action Item

December 14, 2017

Background

Federal legislation specifies quantitative performance measures that must be tracked and reported annually

Today's presentation requests action for two performance areas:

- Highway Safety Improvement Program (PM1)

- Transit Asset Management

Two additional performance areas will be presented in Spring 2018:

- Infrastructure Condition (PM2)

- System Performance/Freight/Congestion Mitigation and Air Quality (PM3)

Proposed targets were prepared in coordination with the State and regional partners

NCTCOG Safety Target Recommendations

Safety Performance Targets	TxDOT 2018 Targets	NCTCOG 2018 Targets
No. of Fatalities	3,704	665
Fatality Rate	1.432	0.96
No. of Serious Injuries	17,565	3,612
Serious Injury Rate	6.74	5.18
No. of Non-motorized Fatalities and Serious Injuries	2,151	560

Targets are based on five-year averages and will be revisited annually.

Two percent reduction achieved by the year 2022.

Regional Safety Position: Even one death on the transportation system is unacceptable. Staff will work with our partners to develop projects, programs, and policies that assist in eliminating serious injuries and fatalities across all modes of travel.

NCTCOG Safety Projects and SHSP Emphasis Areas

NCTCOG Programs and Projects	TxDOT Strategic Highway Safety Plan Emphasis Areas						
	Distracted Driving	Impaired Driving	Inter. Safety	Older Road Users	Bike/Ped Safety	Rdwy. & Lane Depart.	Speeding
Driver Behavior Social Marketing Campaign	X	X		X	X		X
Inter. Safety Imp. Plan (ISIP)			X	X	X		
Traffic Signal Retiming Prog.			X				
Traffic Signal/Intersection Improvement Prog.			X				
WWD Mitigation Prog.		X	X	X		X	
Traffic Signal Cloud Data	X	X	X	X			
Look Out Texans					X		
Reg. Pedestrian Safety Plan					X		
Technical Training/Workshops	X		X		X	X	
Safety Spot Improvement Prog.					X		
Trans. Alternative Funding					X		
Emerging Technology Investment Prog.	X		X			X	
Freeway Management and HOV Enforcement Prog.	X	X				X	X

Transit Asset Management



Proposed Regional Targets for 2018



Asset Category	Target	Metric
Rolling Stock (transit vehicles)	0%	Vehicles that meet or exceed the industry standard, defined as the Federal Transit Administration's Default Useful Life Benchmark
Infrastructure (rail track)	0%	Rail track segments with performance restrictions
Equipment (transit support vehicles)	0%	Vehicles that meet or exceed the industry standard, defined as the Federal Transit Administration's Default Useful Life Benchmark
Facilities (buildings, stations, park and rides)	0%	Transit facilities rated below "Adequate" (3.0) on the industry standard Transit Economic Requirements Model (TERM) scale.

Timeline

Action	Date
STTC Information	October 27, 2017
RTC Information	November 9, 2017
Public Meetings	November 2017
STTC Action	December 8, 2017
RTC Action	December 14, 2017
Target-Setting Deadline: Transit Asset Management	December 27, 2017
Target-Setting Deadline: Roadway Safety	February 27, 2018

Requested Action

Approval of regional targets for roadway safety and transit asset management as shown.

Direction to continue coordination with transit providers to standardize regional transit asset management approach.

Approval of aspirational goals for roadway safety.

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