

**PERFORMANCE MEASURES TARGET SETTING:  
ROADWAY SAFETY AND  
TRANSIT ASSET MANAGEMENT**

**Regional Transportation Council**

**Sonya Landrum and Shannon Stevenson  
North Central Texas Council of Governments**

**Action Item**

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# Background

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

2018 Performance Targets approved by RTC in December 2017

Highway Safety Improvement Program (PM1)

Transit Asset Management

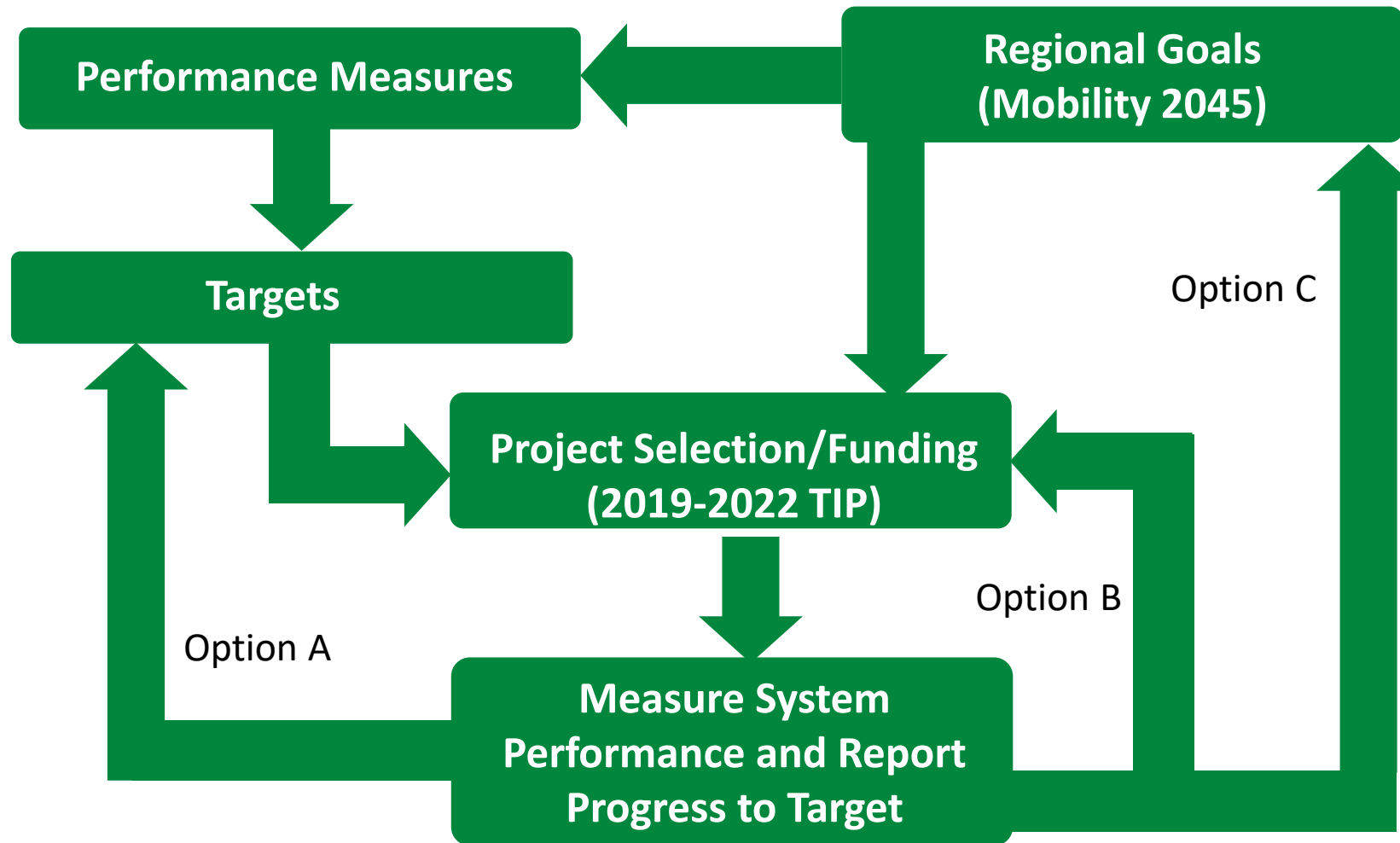
Established Regional Safety Position:

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.

Re-emphasized focus on safety-related improvements and funding.

RTC approved funding for future Safety project implementations.

# Performance Based Planning



# TxDOT Safety Performance Targets and Reduction Schedule

Safety Performance Targets	2018 TxDOT Targets	2018 NCTCOG Targets	2019 TxDOT Targets	2019 NCTCOG Targets	2020 Targets	2021 Targets	2022 Targets
	0.4% Reduction		0.8% Reduction		1.2% Reduction	1.6% Reduction	2.0% Reduction
<b>No. of Fatalities</b>	3,703.08	665.2	3,791.0	599.2	-	-	-
<b>Fatality Rate</b>	1.432	0.960	1.414	0.838	-	-	-
<b>No. of Serious Injuries</b>	17,565.4	3,647.8	17,751.0	3999.6	-	-	-
<b>Serious Injury Rate</b>	6.740	5.180	6.550	5.568	-	-	-
<b>No. of Non-motorized Fatalities and Serious Injuries</b>	2,150.6	560.0	2,237.6	582.4	-	-	-

Two percent reduction by Target Year 2022.

Targets are based on a five-year rolling average (2014 – 2018) for 2019.

Proposed reduction from original trend line projections.

# Recommended RTC Safety Performance Targets Resolution Components

Affirm Support for TxDOT Safety Performance Targets for 2018 – 2022.

Affirm Regional Safety Position with Aspirational Goal:

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.



Transmittal of RTC Support for TxDOT Safety Targets to TxDOT.

# Transit Asset Management (TAM)



Images: DART, DCTA, FFTA, and NCTCOG

# Transit Asset Management Regional Targets Adopted: Propose to Maintain

	Asset Category	Target	Metric
 Emphasis Area #1	Rolling Stock (transit vehicles)	0%	Vehicles that meet or exceed the industry standard, defined as the Federal Transit Administration's Default Useful Life Benchmark
 Emphasis Area #2	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

# Rolling Stock Performance Compared to Targets

Asset Type	Fiscal Year 2017 Observed	Fiscal Year 2018 Target	Fiscal Year 2018 Observed
Bus*	6%	0%	?
Small Bus*	3%	0%	?
Light Rail Vehicle*	0%	0%	?
Commuter Rail Locomotive*	0%	0%	?
Commuter Rail Passenger Car*	0%	0%	?
Articulated Bus	0%	0%	?
Commuter Rail Passenger Coach**	35%	0%	?

\*RTC Policy Emphasis Area

\*\*Includes a number of assets that were rebuilt near the end of their useful life. The analysis above assumes a minimum extension of 10 years of useful life, which may be too conservative (i.e., vehicles may be in better condition than expected based on completed rebuild activities).



# Transit Asset Management Next Steps

Continue to Coordinate with Transit Providers

Consistent Transit Asset Management Definitions

Consistent Transit Asset Management Targets

Potential Enhanced Performance Measures for the Region's  
Transit System

Observe Data and Adjust Actions Based on Performance

# Recommended RTC Action\*

Reaffirm support for TxDOT Safety Performance Targets for 2018 and agree to support TxDOT targets for 2019 – 2022.

Reaffirm 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.

Reaffirm Transit Asset Management Regional Targets for 2018 and approve targets for 2019 – 2022.

\* STTC Recommended RTC Adoption of Proposed Targets

# Contacts

## Roadway Safety

Sonya J. Landrum  
Principal Transportation Planner  
817-695-9273  
[slandrum@nctcog.org](mailto:slandrum@nctcog.org)

## Transit Asset Management

Shannon Stevenson  
Program Manager  
817-608-2304  
[sstevenson@nctcog.org](mailto:sstevenson@nctcog.org)