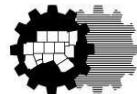


Performance Measures Target Setting

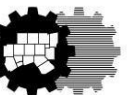
Regional Transportation Council

November 8, 2018



Federal Measures Target Status

Complete	Rulemaking	Number of Measures	MPO Target Setting Deadline	Reporting Period	Reporting Schedule
✓	Transit Asset Management	4	12/27/2017	Annually	Annually
✓	Safety Performance	5	2/27/2018	Annually	Annually
	Pavement and Bridge	6	11/15/2018	Four-Year Performance Periods	Biennially
	System Performance	6	11/15/2018	Four-Year Performance Periods	Biennially



Proposed Policy Action Statements

General agreement with TxDOT on statewide targets

Special emphasis on:

- Improving off-system arterial pavement conditions

- Replacing bridges in poor condition

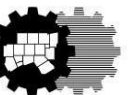
Continue to:

- Improve reliability on freeways/tollways

- Reduce congestion on freeways/tollways

- Increase non-automobile modeshares

- Improve air quality



Federal Performance Measures

Pavement and Bridge

Interstate Pavement – Good

Interstate Pavement – Poor

Non-Interstate Pavement – Good

Non-Interstate Pavement – Poor

Bridge Condition – Good

Bridge Condition – Poor

System Performance

Interstate Reliability

Non-Interstate NHS Reliability

Truck Travel Time Reliability Index

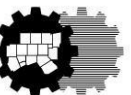
Peak Hour Excessive Delay

Percent Non-SOV Mode Share

On-Road Mobile Source Emissions Reduction

Nitrogen Oxide (NO_x)

Volatile Organic Compound (VOC)



Proposed RTC Position on Pavement Condition Targets

Good

NCTCOG Supports TxDOT Statewide 2022 “Good Pavement Condition” Targets for National Highway System Facilities

Poor

NCTCOG Supports TxDOT Statewide 2022 “Poor Pavement Condition” Targets for National Highway System Facilities

Collaboration with TxDOT to Plan and Program Projects Contributing Toward Accomplishment of Pavement Goals will also Include the Following Action: NCTCOG will Work with Local Governments to Focus on Improvement of National Highway System Off-System Arterials in Poor Condition



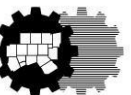
Roadway Pavement Condition Targets

Roadway Categories	Total Network	2018 Baseline	2022 Target
STATE of TEXAS			
Good Pavement Condition			
Interstate National Highway System (NHS)	19.19%	66.80%	66.40%
Non-Interstate National Highway System (NHS)	80.81%	54.40%	52.30%
Poor Pavement Condition			
Interstate National Highway System (NHS)	19.19%	0.30%	0.30%
Non-Interstate National Highway System (NHS)	80.81%	13.80%	14.30%
North Central Texas Region			
Interstates (on-system) ¹	25.90% ²	5.81% ³	7.99% ³
Non-Interstate Freeway (on-system) ¹	13.40% ²	6.76% ³	8.93% ³
Toll Roads (off-system)	6.70% ²	8.43% ³	9.32% ³
Arterials (on-system) ¹	30.30% ²	18.52% ³	18.39% ³
Arterials (off-system)	23.80% ²	73.66% ³	69.82% ³

¹ On-system refers to the TxDOT System

² Mobility 2045 Plan – 2018 Baseline Network Lane-Miles

³ Based on 5-year moving average



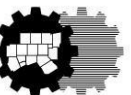
Proposed RTC Bridge Condition Targets

NCTCOG Supports TxDOT Statewide 2022 “Good/Poor Condition” Targets for National Highway System Bridges

Collaboration with TxDOT to Plan and Program Projects Contributing Toward Accomplishment of Bridge Goals will also Include the Following Action: NCTCOG will Focus on Expedited Programming to Improve National Highway System Bridges in Poor Condition

State of Texas		
Bridges*	2018 Baseline	2022 Target
Good Bridge Condition		
All National Highway System Facilities	50.63%	50.42%
Poor Bridge Condition		
All National Highway System Facilities	0.88%	0.80%

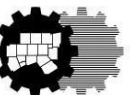
*Based on total deck area



Proposed RTC System Performance Targets

Performance Measure		Historical Trend	Baseline (2016/2017)	2020 Target	2022 Target	Target Strategy
Interstate Reliability (% Person Miles Travelled)		Improving	77.3%	78.6%	79.5%	Targets Set to Improve Over Trend
Non-Interstate NHS Reliability (% Person Miles Travelled)		Worsening	71.1%	N/A	71.1%	
Truck Travel Time Reliability Index		Improving	1.74	1.71	1.66	
Peak Hour Excessive Delay (Hours per Capita)*		Worsening	15.5	N/A	15.0 16.0	
Percent Non-SOV Mode Share (% Commuter Trips)*		Improving	19.5%	19.9%	20.2%	
On-Road Mobile Source Emissions Reductions (Cumulative)	NOx (kg/day)	Improving	2,410.80	2,892.96	5,062.68	
	VOC (kg/day)	Improving	499.72	599.67	1,079.40	

*Regional Transportation Council and TxDOT must agree on a single regional target concurrence from TxDOT agreeing to NCTCOG proposed targets has been received



Recommended RTC Action*

Agree to Support TxDOT Statewide Targets for National Highway System Pavement and Bridge Conditions with Focus on:

The Improvement of Regional National Highway System Off-System Arterial Pavements
National Highway System Bridges in Poor Condition

Adopt Regional Targets as Presented for:

Interstate Reliability

Non-Interstate Reliability

Truck Travel Time Reliability Index

Peak Hour Excessive Delay

Percent Non-SOV Mode Share

Emissions Reductions

***STTC Recommended RTC Adoption of Proposed Targets**

