

Federal Performance Measure Adoption

Transportation Committee
March 22, 2021



Overview

- MAP-21 established federal performance measure program for state DOTs and MPOs
- Initial PM2/PM3 measures adopted in 2018
- MnDOT set statewide targets October 1, 2020
- Council must adopt targets no later than March 30, 2021

Federal Performance Measures

- Pavement and Bridge Condition measures (PM2)
 - % NHS bridges in good/poor condition
 - % Interstate pavement in good/poor condition
 - % Non-Interstate NHS pavement in good/poor condition
- System Reliability (PM3)
 - % reliable person-miles travelled on Interstate
 - % reliable person-miles travelled on non-Interstate NHS
 - Truck travel time reliability index
- CMAQ (jointly set by MnDOT and Council)
 - On-road open source emissions
 - % of travel by non single-occupancy vehicles
 - Peak hour excessive delay (annual hours of delay per capita)

Proposed Targets

Measure		Existing Metro Area Performance	MnDOT Adopted Target	Proposed Target
Pavement/Bridge Condition	Bridge:			
	% NHS bridges by deck area in good condition	32.7%	35%	35%
	% NHS bridges by deck area in poor condition	4.8%	4%	4%
	Pavement:			
	% interstate pavement in good condition	58.5%	55%	55%
	% interstate pavement in poor condition	1.6%	2%	2%
System Reliability	% non-interstate NHS in good condition	56%	50%	53%
	% non-interstate NHS in poor condition	1%	4%	3%
	% reliable person-miles travelled on interstate	69.5%	>80%	>70%
CMAQ*	% reliable person-miles travelled on non-interstate NHS	79.6%	>90%	>80%
	Truck travel time reliability index	2.32	<1.5	<2.2
CMAQ*	On-road mobile source emissions	2,648	2,647	2,647
	% of travel by non-SOV	23.9%	25%	25%
	Peak-hour excessive delay (annual hours of excessive delay per capita)	8.5	8.5	8.5

*must be same targets as adopted MnDOT targets



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