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



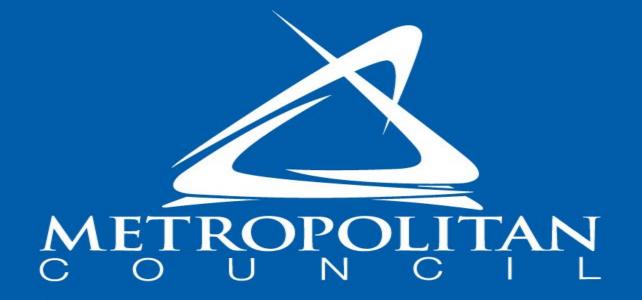
Federal Performance Measures

- 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

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



David Burns Senior Highway Planner – MTS David.Burns@metc.state.mn.us