



Ohio Division Office

Tappan Lake

Transportation Performance Management Overview

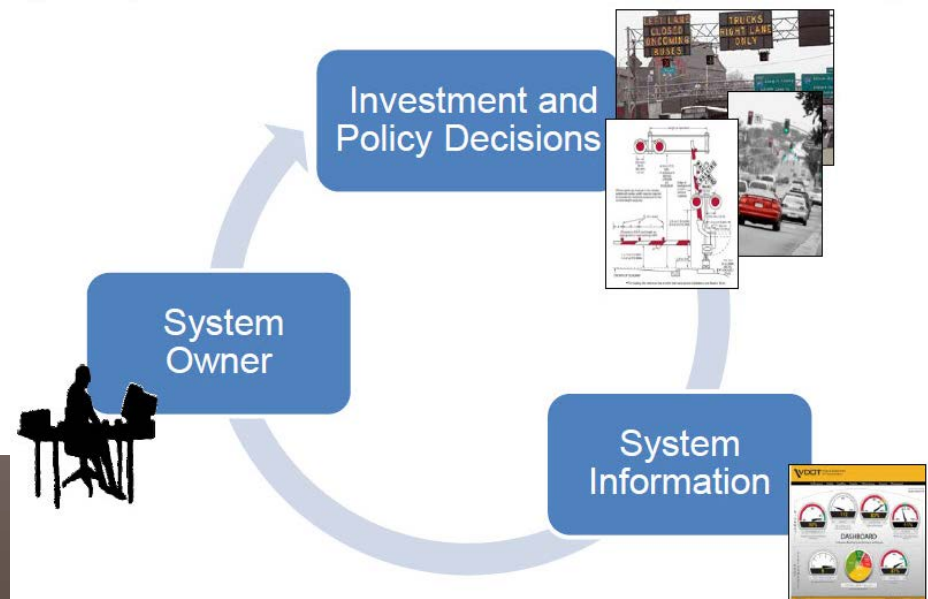


NOACA Board Meeting
1/19/2018



What is Transportation Performance Management (TPM)?

- Strategic approach
- Uses system information to make decisions
- Achieves national performance goals



Why TPM?

- Improves investment and policy decision-making
- Provides efficient investment
- Increases accountability and transparency
- Improves communication with traveling public



What Federal Agencies are Involved?

- FHWA
 - Information in this presentation
- FTA
 - Contact FTA Region 5



TPM Definitions

		Established by:		
FHWA			State DOTs & MPOs	
MEASURE An expression used to establish targets and to assess progress toward achieving the established target			TARGET A quantifiable level of performance or condition, as a value for a measure, to be achieved within a time period required by FHWA	
Percent of trucks with reliable arrival times		Example	Target: 80.0% On Time Actual: 83.7% On Time ✓ Target Achieved	



What is Your Role?

- MPO Board will approve MPO targets
- Consider targets when proposing projects for funding
- Share information with public



TPM Process



TPM Implementation Timeline

Final Rule	Effective Date	States Set Targets By	MPOs Set Targets By	LRSTP, MTP, STIP, and TIP Inclusion
Safety Performance Measures (PM1)	April 14, 2016	August 31, 2017	February 27, 2018	Updates or amendments on or after May 27, 2018
Pavement/Bridge Performance Measures (PM2)	May 20, 2017	May 20, 2018	No later than 180 days after the State(s) set targets	Updates or amendments on or after May 20, 2019
Reliability, Freight, and CMAQ Measures (PM3)	May 20, 2017	May 20, 2018	No later than 180 days after the State(s) set targets	Updates or amendments on or after May 20, 2019



MPO Target Establishment

- MPOs establish targets by either
 - Agreeing to plan and program projects so that they contribute toward the accomplishment of the State DOT target(s)
 - Committing to a quantifiable target(s) for their metropolitan planning area



Safety Measures

- Number of fatalities
- Number of serious injuries
- Rate of fatalities
- Rate of serious injuries
- Number of non-motorized fatalities and non-motorized serious injuries



Pavement Measures

- Percentage of Interstate pavements in Good condition
- Percentage of Interstate pavements in Poor condition
- Percentage of non-Interstate NHS pavements in Good condition
- Percentage of non-Interstate NHS pavements in Poor condition



Bridge Measures

- Percent of NHS bridges in Good condition
- Percent of NHS bridges in Poor condition



Reliability Measures

- Percent of person-miles traveled on the interstate that are reliable
- Percent of person-miles traveled on the non-interstate NHS that are reliable



Freight Movement Measure

- Truck Travel Time Reliability (TTTR) index.



CMAQ Emissions Measure

- Total emissions reductions for
 - VOCs (ozone precursor)
 - NO_x (ozone and PM_{2.5} precursor)
 - PM_{2.5}

Ozone (2008) – maintenance

PM_{2.5} (2006) – maintenance

PM_{2.5} (2012) – non-attainment

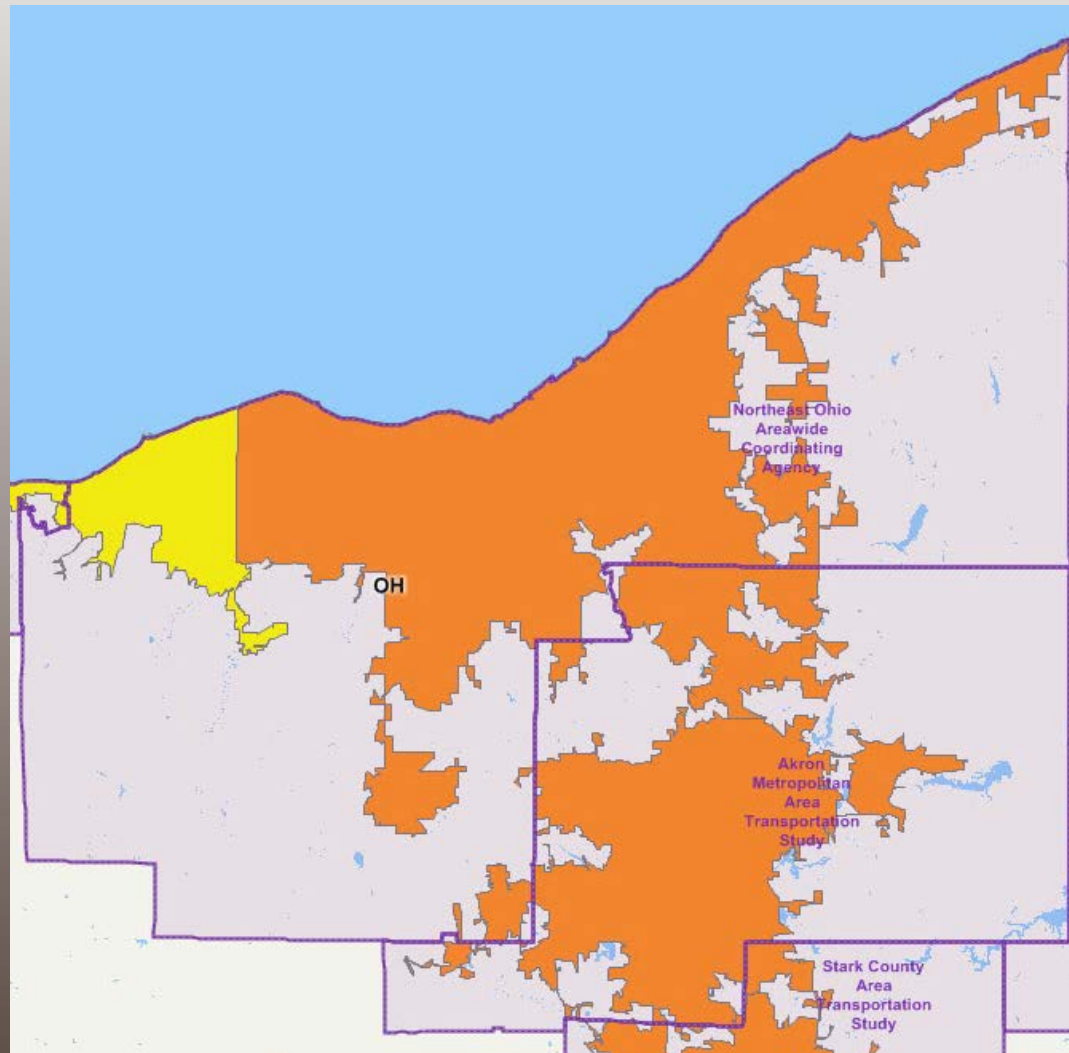


CMAQ Traffic Congestion Measures

- Annual hours of peak hour excessive delay (PHED) per capita
- Percent of Non-Single Occupancy Vehicle (SOV) travel in each urbanized area



CMAQ Traffic Congestion Measures



CMAQ Traffic Congestion Measure Applicability

Urbanized Area	Coordinating SDOTs	Coordinating MPOs	Performance Period
Cincinnati	ODOT, KYTC	OKI	1
Cleveland	ODOT	NOACA, AMATS	1
Columbus	ODOT	MORPC, LCATS	1
Akron	ODOT	AMATS, NOACA, SCATS	2
Canton	ODOT	SCATS, AMATS	2
Dayton	ODOT	MVRPC, CCSTCC, OKI	2
Huntington	ODOT, WVDOT, KYTC	KYOVA, RIC	2
Toledo	ODOT, MDOT	TMACOG, SEMCOG	2
Youngstown	ODOT, PennDOT	Eastgate, SVTC, SPC	2



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