Rogue Valley
Metropolitan Planning Organization
Regional Transportation Planning
*Ashland • Central Point • Eagle Point • Jacksonville • Medford • Phoenix •Talent • White City
Jackson County • Rogue Valley Transportation District • Oregon Department of Transportation*

DATE: October 10, 2018
TO: RVMPO TAC
FROM: Karl Welzenbach, Planning Program Manager
SUBJECT: Performance Measures Targets

Under the FAST Act, all MPOs must now incorporate Performance Based Planning into every aspect of their planning initiatives and planning documents including the RTP, TIP, and UPWP.

There are seven areas of interest that the Federal Government would like States and MPOs to track, measure, and set goals for improvement. These areas are:

- Pavement condition on the Interstate System and on remainder of the National Highway System (NHS)
- Performance of the Interstate System and the remainder of the NHS
- Bridge condition on the NHS
- Fatalities and serious injuries—both number and rate per vehicle mile traveled--on all public roads
- Traffic congestion
- On-road mobile source emissions (through CMAQ)
- Freight movement on the Interstate System, and
- Transit

The following is a summary of the presentation given at today's TAC meeting.

FOR PAVEMENT CONDITION AND BRIDGE CONDITION ON NHS
RECOMMENDATION: Adopt State's Targets

Table 1: FHWA Performance Management Areas, Measures, and Targets.

Pavement Condition	
Performance Measure	**2022 Performance Target**
1. Percentage of pavements of Interstate System in Good condition	35%
2. Percentage of pavements of the Interstate System in Poor condition	0.5%
3. Percentage of pavements of the non-Interstate NHS in Good condition	2-Year 50% 4-Year 50%
4. Percentage of pavements of the non-Interstate NHS in Poor condition	2-Year 10% 4-Year 10%

Bridge Condition	
Performance Measure	**2022 Performance Target**
5. Percentage of NHS bridges classified as in Good condition	10%
6. Percentage of NHS bridges classified as in Poor condition	3%

FOR NATIONAL HIGHWAY SYSTEM PERFORMANCE
RECOMMENDATION: Adopt State's Targets for Interstate System and Develop own Target for non-Interstate.

National Highway System Performance	
Performance Measure	**2022 Performance Target**
7. Percent of the person-miles traveled on the Interstate that are reliable (Interstate Travel Time Reliability measure)	78%
8. Percent of person-miles traveled on the non-Interstate NHS that are reliable (Non-Interstate Travel Time Reliability measure)	78%

TPAU Calculations

	LOTTR - Interstate	LOTTR – Non-Interstate	TTTR
Statewide	80.9%	83.7%	1.36
AAMPO	100%	97.8%	1.22
BMPO	*N/A*	87.2%	*N/A*
CAMPO	*N/A*	89.3%	*N/A*
LCOG	98.7%	90.4%	1.25
METRO	46.3%	70.9%	2.95
MRMPO	100%	67.7%	1.09
RVMPO	100%	74.3%	1.18
SKATS	100%	76.9%	1.08

FOR FREIGHT RELIABILITY
RECOMMENDATION: Adopt State's Targets

Freight Movement on Interstate System	
Performance Measure	**2022 Performance Target**
9. Truck Travel Time Reliability (TTTR) Index (Freight Reliability measure)	1.45

TPAU Calculations

	LOTTR - Interstate	LOTTR – Non-Interstate	TTTR
Statewide	80.9%	83.7%	1.36
AAMPO	100%	97.8%	1.22
BMPO	N/A	87.2%	N/A
CAMPO	N/A	89.3%	N/A
LCOG	98.7%	90.4%	1.25
METRO	46.3%	70.9%	2.95
MRMPO	100%	67.7%	1.09
RVMPO	100%	74.3%	1.18
SKATS	100%	76.9%	1.08

FOR AIR QUALITY ON-ROAD SOURCES
RECOMMENDATION: Adopt own Targets

Table 1: Baseline Emissions Values for 2014-2017[1]					
	HC (VOC) Emission Reduction (kg/day)	CO Emission Reduction (kg/day)	NOx Emission Reduction (kg/day)	PM-10 Emission Reduction (kg/day)	PM 2.5 Emission Reduction (kg/day)[2]
Metro	226.51	3438.62	313.25	-	-
Rogue Valley	-	179.82	-	105.269	-
Middle Rogue	-	0	-	0	-
Rural Cities	-	0	0	415.2	0.45
TOTAL (BASELINE)	226.51	3618.44	313.25	520.469	0.45
2020 2-Year Targets	29.49	584	71.45	363	0.12
2022 4-Year Targets	58.97	1168	142.9	726.4	0.23