

HAMPO Transportation Performance Management Targets
November 20, 2018 (updated December 12, 2019)

The use of Transportation Performance Management (TPM) provides agencies with a framework for incorporating performance data into making decisions regarding transportation investment to meet the goals and objectives established for the region. This provides accountability and added transparency to the transportation planning process.

The Fixing America’s Surface Transportation Act (FAST Act) prescribed the national goals for performance management to be included in the MPO and State Transportation Plans. These organizations are required to coordinate to develop measures and targets for transportation plans in the areas or safety, interstate and NHS pavement condition, interstate and NHS bridge condition, system reliability, freight reliability, peak hour excessive delay, total emissions reduction and transit asset management:

- PM1: Safety Performance Measures – Initial Targets Due February 27, 2018; annually thereafter
- PM2: Pavement and Bridge Condition on Interstate and non-Interstate NHS roads – Initial Targets Due November 12, 2018; every 4 years thereafter, and
- PM3: Travel Time Reliability, Peak Hour Excessive Delay, and Freight Reliability on Interstate and non-Interstate NHS roads – Initial Targets Due November 12, 2018; every 4 years thereafter
- PM1t: GDOT adopted “Group Transit Asset Management Plan” to provide performance measures and benchmarks for transit assets.

On November 8, 2018, by resolution of the HAMPO Policy Committee HAMPO adopted performance targets set forth in the “GEORGIA PERFORMANCE MANAGEMENT AGREEMENT” as attached and the “GROUP TRANSIT ASSET MANAGEMENT PLAN” and to amend these into 2040 MTP and 2018-2021 TIP.

PM1 - SAFETY PERFORMANCE TARGETS:

This measure sets the benchmark for highway safety measures, both in total and per vehicle miles traveled. The table below shows the adopted safety targets:

National Safety Performance Measures	2018 GDOT Safety Targets (2014 – 2018*)	2019 GDOT Safety Targets (2015 – 2019*)	2020 GDOT Safety Targets (2016-2020*)
Number of Fatalities	1,593	1,655	1,698
Rate of Fatalities per 100 million VMT	1.32	1.31	1.28
Number of Serious Injuries	19,643	24,324	24,094
Rate of Serious Injuries per 100 million VMT	16.3	18.9	21.80
Total Number of Non-motorized Fatalities & Serious Injuries	1,027	1,126	1,163

*5-year rolling average

PM2 – STATE OF GOOD REPAIR

This measure is for pavement and bridge condition measures on Interstates and non-Interstate National Highway System roadways. The table below shows the adopted state of good repair targets:

National Performance Measures: Pavement and Bridge Condition	Description	GDOT PM2 2-Year & 4-Year Targets
Percentage of Interstate Pavement in Good Condition	Interstate pavement rated as 'Good' will be considered for potential pavement preservation treatments to maintain the 'Good' rating.	Greater than or equal to 50% in Good Condition
Percentage of Interstate Pavement in Poor Condition	Pavement conditions are measures through field inspections. Pavements in 'Poor' condition needs work due to either the ride quality or due to a structural deficiency.	Less than or equal to 5% in Poor Condition
Percentage of non-Interstate NHS Pavement in Good Condition	Non-interstate NHS pavements in 'Good' condition will be evaluated for potential preservation treatments.	Greater than or equal to 40% in Good Condition
Percentage of non-Interstate NHS Pavement in Poor Condition	Non-interstate NHS pavements in 'Poor' condition that need major maintenance. These will be evaluated for potential projects.	Less than or equal to 12% in Poor Condition
Percentage of NHS Bridges Classified as in Good Condition	Bridge Rated as 'Good' will be evaluated as to cost to maintain Good condition. Bridges rated as 'Fair' will be evaluated as to cost of replacement vs. rehabilitation to bring the structure back to a condition rating of Good	Greater than or equal to 60% (NHS) in Good Condition
Percentage of NHS Bridges Classified as in Poor Condition	Bridge conditions are based on the results of inspections on all Bridge structures. Bridges rated as 'Poor' are safe to drive on; however, they are nearing a point where it is necessary to either replace the bridge or extend its service life through substantial rehabilitation investments.	Less than or equal to 10% (NHS) in Poor Condition

PM3 – CONGESTION

The performance measure consists of the travel time reliability, freight reliability, peak hour excessive delay, and total emissions reduction on all Interstates and non-Interstate NHS roadways.

National Performance Measures: Travel Time Reliability, Freight Reliability, Peak Hour Delay, and Total Emissions Reduction	GDOT PM3 - 2-Year Target	GDOT PM3 - 4-Year Target
Percentage of Person-Miles Traveled on the Interstate System that are Reliable	73.0%	67.0%
Percentage of Person-Miles Traveled on non-Interstate NHS that are Reliable	N/A	81%

Truck Travel Time Reliability (TTTR) Index (Interstate)	1.66%	1.78%
Total Emissions Reduction	VOC: 205.7kg/day; NOx: 563.3kg/day	VOC: 386.6kg/day; NOx: 1,085.0 kg/day

PM1t: GROUP TRANSIT ASSET MANAGEMENT

On September 25, 2018 GDOT adopted “Group Transit Asset Management Plan” to provide performance measures and benchmarks for transit assets. This plan has been adopted by both Liberty Transit and Coastal Regional Coaches and includes fleet inventory and facility evaluations. The key performance measure for transit agencies is the time in service metric for revenue vehicles:

- Liberty Transit: 30’ Busses (9 each on a 12-year replacement cycle, all 9 purchased in 2010)
- Liberty Transit: (2 each on a 7-year replacement cycle, purchased in 2010 and 2018)
- Coastal Regional Coaches: Cutaway Busses (62 each, 29 are 2014s, 33 are 2017s)

PROJECT CONTRIBUTION TO PERFORMANCE TARGETS

The projects in the HAMPO 2040 LRTP and FY 2018 – 2021 TIP have been evaluated and the targets that they are anticipated to positively affect. By agreeing to support GDOT’s performance targets in safety and those in PM1, PM2, PM3 and PM1t, HAMPO agreed to coordinate with GDOT to program projects that will contribute to the accomplishment of those goals, measures, and targets.

TIP AND MTP PROJECT CONTRIBUTION TO PERFORMANCE TARGETS (Nov. 20, 2018)					
Project Index	Project	National Highway System	PM1 Safety Performance (Inj. & Fatalities)	PM2 State of Good Repair (Pavement & Bridge)	PM3 Congestion (Travel Time, Delays, & Freight Reliability)
Highway Projects in the 2018-2021 Transportation Improvement Plan					
safety	Flemington Curve (Safety, Access Control - Old Sunbury Road to Old Hines Road)	X	X	X	X
115	US 84 Hinesville Bypass (western segment) (New Construction - SR 119 to US 84)	X	X		X
402	SR 119 @ Taylors Creek (Bridge Replacement - S of to N of SR 144)	X		X	
Highway Projects 2015-2040 Metropolitan Transportation Plan					
319	Oglethorpe Hwy/US 84 (Safety, Access Control - General Stewart Way to MLK Jr. Drive)	X	X		X

(see attached report)