

**Amendment to  
C-PCTS 2040 Metropolitan Transportation Plan &  
FY 2018 – 2021 Transportation Improvement Program to Include  
Transportation Performance Management Targets**

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 requirements for establishing and utilizing Transportation Performance Management in the Metropolitan Planning Organizations began to take shape in Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) and were further expanded in the Fixing America’s Surface Transportation Act (FAST Act).

The FAST Act prescribed the national goals for performance management to be included in Transportation Plans at the state and local levels. The States and MPO’s are required to coordinate to develop measures and targets for transportation plans in the areas of safety, interstate and NHS pavement condition, interstate and NHS bridge condition, system reliability, freight reliability, peak hour excessive delay, and total emissions reduction. These measures were broken into three (3) groups and phased in for implementation:

- 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
- 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

The MPO’s in Georgia and the Georgia Department of Transportation (GDOT) entered into an agreement on March 26, 2018 to codify how MPO’s and GDOT will coordinate to meet the requirements for TPM.

**SAFETY PERFORMANCE TARGETS**

The FAST Act and subsequent federal regulations required MPO’s to develop safety performance targets or agree to support the safety performance targets developed by GDOT in terms of planning and programming of projects before the initial deadline of February 27, 2018. Safety targets are required to be adopted annually thereafter. C-PCTS agreed on January 16, 2018 to support the safety performance targets developed by GDOT with a resolution amended into the 2040 Metropolitan Transportation Plan and the FY 2018 - 2021 Transportation Improvement Program. The table below shows the safety targets adopted on January 16, 2018.

<b>National Safety Performance Measures</b>	<b>2018 GDOT Safety Targets (2014-2018*)</b>
Number of Fatalities	1,593.3
Rate of Fatalities per 100 million VMT	1.32
Number of Serious Injuries	19,642.8
Rate of Serious Injuries per 100 million VMT	16.318
Total of Number of Non-Motorized Fatalities & Serious Injuries	1,027.2

\*5-year rolling average

## PERFORMANCE MANAGEMENT GROUP 2 (PM2) TARGETS

PM2 consists of the pavement condition and bridge condition measures on all Interstates and non-Interstate NHS roadways.

The FAST Act and subsequent federal regulations required MPO's to develop performance targets in this category or agree to support the safety performance targets developed by GDOT in terms of planning and programming of projects before the initial deadline of November 12, 2018. Targets in this group are required to be adopted every 4 years thereafter, with a revision possible at the 2-year mark. C-PCTS agreed on June 19, 2018 to support the performance targets developed by GDOT with a resolution amended into the 2040 Metropolitan Transportation Plan and the FY 2018 – 2021 Transportation Improvement Program. The table below shows the targets adopted on June 19, 2018.

<b>National Safety Performance Measures</b>	<b>Description</b>	<b>GDOT PM 2-Year &amp; 4-Year Targets</b>
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 are in need of work either due to 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 are in need of 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 rated 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

## PERFORMANCE MANAGEMENT GROUP 3 (PM3) TARGETS

PM3 consists of the travel time reliability, freight reliability, peak hour excessive delay, and total emissions reduction on all Interstates and non-Interstate NHS roadways.

The FAST Act and subsequent federal regulations required MPO's to develop performance targets in this category or agree to support the safety performance targets developed by GDOT in terms of planning and programming of projects before the initial deadline of November 12, 2018. Targets in this group are required to be adopted every four (4) years thereafter, with a revision possible at the 2-year mark. C-PCTS agreed on June 19, 2018 to support the performance targets developed by GDOT with a resolution amended into the 2040 Metropolitan Transportation Plan and the FY 2018 – 2021 Transportation Improvement Program. The table below shows the targets adopted on June 19, 2018.

National Safety Performance Measures	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%
Annual Hours of Peak Hour Excessive Delay (PHED) Per Capita*	N/A	24.6 Hours
Percent of Non-Single Occupancy Vehicle (SOV) Travel*	22.1%	22.1%
Total Emissions Reduction	VOC: 205.7 kg/day; NOx: 563.3 kg/day	VOC: 386.6 kg/day; NOx: 1,085.0 kg/day

*\*GDOT, Atlanta Regional Commission and Cartersville-Bartow Metropolitan Planning Organization are required to establish and report single targets for Annual Hours of Peak Hour Excessive Delay (PHED) Per Capita and Percent of Non-Single Occupancy Vehicle (SOV) Travel for Atlanta urbanized area.*

**PROJECT CONTRIBUTION TO PERFORMANCE TARGETS  
ESTABLISHMENT OF TARGETS – 2018**

The Table below shows the projects currently in the C-PCTS 2040 MTP & the FY 2018-2021 TIP. The C-PCTS MPO will review the projects and apply the targets that they are anticipating to have a positive effect on them. By agreeing to support GDOT's performance targets in the area of safety and those in PM2 and PM3, C-PCTS has agreed to coordinate with GDOT to program projects that will contribute to the accomplishment of those goals, measures, and targets.

<b>PI #</b>	<b>Project Name</b>	<b>Safety PM</b>	<b>PM2: Pavement &amp; Bridge</b>	<b>PM3: Travel &amp; Freight Reliability &amp; Delay</b>
0015559	SR 520 / US 80 @ Chattahoochee River in Columbus			
0013743	SR 520 / US 280 EB &WB @ Bagley Creek 2 MI SE of Cusseta			
0013601	SR 219 @ Schley Creek NW of Columbus			
0013926	SR 85/US 27 @ CR 1660 / Miller Road in Columbus			
0013940	SR 22/US 80 @ Kendall Creek in Columbus			
0014170	SR 22 Spur @ Weracoba Creek in Columbus			
0014171	SR 22/US 80 @ Flat Rock Creek in Columbus			
0015285	Infantry Road & Follow Me Trail Extension			
0015287	Mott's Green Plaza			
100061135	Bridge Replacement over Soap Creek on CR-249			
100041410	SR 8 Bridge Replacement over Little Uchee Creek			
100060116	5 <sup>th</sup> Street South Resurfacing & Improvement from South Seale Road to MLK Jr Parkway			
100059582	Replace Bridge on CR-427 & CR 296			
100062982	Widen & Resurface CR-197 from CR-208 to CR-240			
100063082	Brickyard Rd Resurfacing – Dillinghan to State Docks Rd			
100063086	Brickyard Rd Resurfacing – State Docks Road to City Limits (PC)			
100063088	South Railroad Street – Beginning to Stadium Drive			
100063090	South Railroad Street – Stadium Dr to Summerville Rd			
100063092	Widen & Resurface Bradley Road from Nuckols Rd to AL Highway			

PI #	Project Name	Safety PM	PM2: Pavement & Bridge	PM3: Travel & Freight Reliability & Delay
100063093	Widen & Resurface Lato Road from Uchee Hill Highway to Tarver Road			
100063094	Widen & Resurface Tarver Rd from Lato Road to Nuckols Road			
100067446	Resurfacing 16 <sup>th</sup> Avenue from SR-38 (US-280) to Ingersol Court in Phenix City			
100067444	Resurfacing on South Seale Road from SR 1 to Bridge on SR-38			
100067424	Resurface Melanie Lane from Summerville Rd to River Chase Dr			
100067543	Resurface CR-243 from CR-223 to CR-298			
100067449	Bridge Replacement on Seale Rd over Cochgalechee Creek			
100067563	Widen & Resurface Freeman Rd from Sandfort to US Hwy 431			
100067564	Widen & Resurface Owens Rd from Patterson Rd to McLendon Rd			
100067544	Resurface CR-318 from CR-248 to CR-249			
100067545	Resurface CR-249 from CR-379 to CR-318			
100067565	Widen & Resurface Owens Rd from AL Hwy 165 to McLendon			
100067546	Resurface CR-379 from US 280 to Bridge over Lake Harding			
100067566	Widen & Resurface McLendon Rd from Owens Rd to Owens Rd			
100067217	Streetscape Improvements on 14 <sup>th</sup> Street in Downtown Phenix City			
100066614	Resurface SR 8 from Woodland Dr to SR 1			
100066945	Resurface & 2' Safety Widening on SR-165 from CR-39 to SR-1			
0006446	SR 1/US 27 - Veteran's Parkway - Turnberry to SR 315			
0005749	Whittlesey Road - Whitesville to Bradley Park			
351200	Miller Road - Warm Springs to Macon			
350860	Farr Road - Old Cusseta to St. Mary's Rd			
332780	St. Mary's Road - Robin to Northstar			
0008483	Buena Vista Road - Linden Cir to Floyd Rd			
0009293	SR 1/US 27 - Veteran's Parkway - Old Moon to Turnberry			

MPO4	High Speed Rail			
He is PI #	Project Name	Safety PM	PM2: Pavement & Bridge	PM3: Travel & Freight Reliability & Delay
MPO-5	Cusseta Road – S. Oakview to Brown Ave			
MPO-6	Hamilton Road – Manchester Expressway to 19 <sup>th</sup> Street			
MPO-7	Victory Drive – 10 <sup>th</sup> Avenue to Border Dr			
MPO-8	Linwood Boulevard – 10 <sup>th</sup> Avenue to Broadway			
MPO-9	38 <sup>th</sup> Street – Meritas Dr to 1 <sup>st</sup> Avenue			
MPO-10	Broad Street (Cusseta) – Anderson to Osteen			
MPO-1	Cusseta Road – Brown Ave to S. Oakview			
MPO-2	10 <sup>th</sup> Avenue – 14 <sup>th</sup> Street to Linwood Blvd			
MPO-3	Flat Rock Road – Macon to Beaver Run			
MPO-11	Widen & Resurface CR-145			
MPO-12	Widen & Resurface CR-179			
MPO-13	Widen & Resurface CR-212			
MPO-14	Widen & Resurface CR-235			
MPO-15	Widen & Resurface Terminal Road			
MPO-16	Widen & Resurface Patterson Road			
MPO-17	Widen & Resurface Woodland Drive			
MPO-18	Widen & Resurface Sandfort Road			
MPO-19	Widen & Resurface Coffield Drive			
MPO-20	Widen & Resurface Barrow Road			
MPO-21	Widen & Resurface Opelika Road			
MPO-22	Widen & Resurface Auburn Road			
MPO-23	Widen & Resurface Seale Road			
MPO-24	Widen & Resurface South Seale Road			
MPO-25	Widen & Resurface Uchee Hill Highway			

## **GEORGIA PERFORMANCE MANAGEMENT AGREEMENT Per 23 CFR 450.314(h)**

**WHEREAS**, the United States Department of Transportation promulgated transportation planning regulations in 23 CFR 450.314, and

**WHEREAS**, Metropolitan Planning Organizations (MPO(s)), State(s), and providers of public transportation are required by 23 CFR 450.314 to cooperatively determine their mutual responsibilities in carrying out the performance-based planning and programming requirements established by federal law, and

**WHEREAS**, the 23 CFR 450.314(h) requires that MPO(s), State(s), and providers of public transportation shall jointly agree upon and develop specific written procedures for cooperatively developing and sharing information related to transportation performance data, the selection of performance targets, the reporting of performance targets, the reporting of performance to be used in tracking progress toward attainment of critical outcomes for the region of the MPO, and the collection of data for the State asset management plan for the National Highway System (NHS).

**NOW, THEREFORE, BE IT RESOLVED**, that the parties do hereby agree to adhere to the following coordination mechanisms to meet performance-based planning and programming requirements for highways in accordance with 23 CFR 450.314(h) and established federal guidance.

1. Development of transportation performance data
  - a. The Georgia Department of Transportation (GDOT) will collect data used in developing statewide targets to meet the federal performance management requirements for highways<sup>1</sup> to include the following:
    - o Targets for assessing the **Highway Safety Improvement Program (PM1)** for the following measures<sup>2</sup>:
      1. Number of fatalities;
      2. Rate of fatalities per 100 million Vehicle Miles Traveled (VMT);
      3. Number of serious injuries;
      4. Rate of serious injuries per 100 million VMT; and
      5. Number of combined non-motorized fatalities and non-motorized serious injuries.
    - o Targets for assessing **Pavement and Bridge Condition for the National Highway Performance Program (PM2)** for the following measures:
      1. Percentage of pavements on the Interstate System in Good condition;
      2. Percentage of pavements on the Interstate System in Poor condition;
      3. Percentage of pavements on the NHS (excluding the Interstate System) in Good condition;
      4. Percentage of pavements on the NHS (excluding the Interstate System) in Poor condition;
      5. Percentage of NHS bridge deck area classified as in Good condition; and
      6. Percentage of NHS bridge deck area classified as in Poor condition.

---

<sup>1</sup> 23 CFR Part 490

<sup>2</sup> PM1/Safety performance measures and targets are applicable to all public roads regardless of ownership or functional classification; 23 CFR Part 924

- o **Targets for assessing performance of the National Highway System, Freight Movement on the Interstate System, and Congestion Mitigation and Air Quality Improvement Program (PM3) for the following performance measures:**
  1. Percent of Person-Miles Traveled on the Interstate System That Are Reliable;
  2. Percent of Person-Miles Traveled on the Non-Interstate NHS That Are Reliable;
  3. Percent Change in Tailpipe CO2 Emissions on the NHS from the Calendar Year 2017<sup>3</sup>;
  4. Percentage of the Interstate System Mileage providing for Reliable Truck Travel Times;
  5. Annual Hours of Peak-Hour Excessive Delay Per Capita;
  6. Percent of Non-Single-Occupant-Vehicle (SOV) Travel; and
  7. Total Emissions Reduction.
  
- b. Those MPOs that are currently designated as being in non-attainment or maintenance for air quality<sup>4</sup> and GDOT will coordinate on the collection and provision of data used in developing targets for the Congestion Mitigation and Air Quality (CMAQ) traffic congestion measures (Annual Hours of Peak-Hour Excessive Delay per Capita and Percent of Non-SOV Travel) and the Total Emission Reduction measures.
  
- c. GDOT will coordinate directly with the Georgia Association of Metropolitan Planning Organizations (GAMPO) to distribute transportation performance data used in developing statewide highway targets to each Georgia MPO.
  - o GDOT will provide performance data each time a statewide target is established or revised, per Section 2 of this agreement.
  - o Where possible and practicable, GDOT will provide performance data for each MPO planning area for purposes of tracking progress towards attainment of critical outcomes for each region's required System Performance Reports, per Section 4 of this agreement.
  
- d. If an MPO chooses to develop its own target for any highway measure, it will collect and provide GDOT with the performance target(s) and any supplemental data used in association with the MPO target setting process.
  
- 2. Selection of transportation performance targets
  - a. GDOT and the MPOs will establish or revise performance targets in coordination with each other.
    - o Coordination may include the following opportunities, as deemed appropriate, for each performance measure and target: in-person GAMPO meetings, webinars, conference calls, and email/written communication.

<sup>3</sup> This measure and associated target will only be required if it is not repealed. Reference: Federal Register / Vol. 82, No. 215 / Wednesday, November 8, 2017 / Proposed Rules; FHWA Docket No. FHWA-2017-0025.

<sup>4</sup> As determined through annual *Applicability Determination: CMAQ Traffic Congestion and CMAQ On-Road Mobile Source Emissions Measures*, 23 CFR Part 490.



- o MPOs shall be given an opportunity to provide comment on GDOT targets no less than 30-days prior to GDOT's establishment or revision of highway targets.
    - o If an MPO chooses to set its own target, the MPO will develop the target in coordination with GDOT. The MPO will provide GDOT the opportunity to comment on MPO targets no less than 30-days prior to MPO adoption of targets.
  - b. GDOT will select statewide performance targets to meet the federal performance management requirements for highways.
    - o GDOT will provide written notice to GAMPO (for distribution to each Georgia MPO) when GDOT selects a target. This notice will provide the target and the date GDOT set the target, which will begin the 180-day time-period in which the MPO must set a corresponding performance target.
    - o If an MPO chooses to support the statewide target, the MPO will provide written documentation to GDOT that the MPO agrees to plan and program projects that will contribute toward the achievement of the statewide highway performance target.
    - o If the MPO chooses to set its own target, the MPO will provide GDOT documentation that includes the target and the date the MPO plans to adopt. Documentation will be provided no less than 30-days prior to MPO adoption of target (consistent with Section 2a).
  - c. Those MPOs currently in non-attainment or maintenance for air quality<sup>4</sup> and GDOT will coordinate to select single, unified targets for the CMAQ traffic congestion measures (Annual Hours of Peak-Hour Excessive Delay per Capita and Percent of Non-SOV Travel) and to select mobile source emission reduction targets for their respective nonattainment areas for ozone.
3. Reporting of performance targets.
- a. GDOT will report all highway targets to the Federal Highway Administration (FHWA) as applicable and in accordance with 23 CFR Part 490.
    - o Through the Highway Safety Improvement Program Annual Report for PM1 measures;
    - o Through the required Baseline, Mid and Full Performance Reports and the Transportation Asset Management Plan (TAMP) for PM2 measures; and
    - o Through the required Baseline, Mid and Full Performance Period Reports for PM3 measures, to include CMAQ Performance Plans where applicable.
  - b. GDOT will include a description of performance measures and performance targets, along with a System Performance Report, in accordance with 23 CFR 450.216(f) in any statewide transportation plan amended or adopted after May 27, 2018, and in accordance with 23 CFR 450.218(q) in any State Transportation Improvement Program amended or adopted after May 27, 2018.
4. Reporting of performance to be used in tracking progress toward attainment of critical outcomes for the region of the MPO.

- a. Each Georgia MPO will include a description of performance measures and performance targets, along with a System Performance Report, in accordance with 23 CFR 450.324(f)(3-4) in any Metropolitan Transportation Plan amended or adopted after May 27, 2018, and in accordance with 23 CFR 450.326(d) in any Transportation Improvement Program amended or adopted after May 27, 2018, for PM1 measures.
  - b. Each Georgia MPO will include a description of performance measures and performance targets, along with a System Performance Report, in accordance with 23 CFR 450.324(f)(3-4) in any Metropolitan Transportation Plan amended or adopted after May 20, 2019, and in accordance with 23 CFR 450.326(d) in any Transportation Improvement Program amended or adopted after May 20, 2019, for PM2 and PM3 measures.
  - c. Each Georgia MPO will include a description of performance measures and performance targets, along with a System Performance Report, in accordance with 23 CFR 450.324(f)(3-4) in any Metropolitan Transportation Plan amended or adopted after October 1, 2019, and in accordance with 23 CFR 450.326(d) in any Transportation Improvement Program amended or adopted after October 1, 2019, for the GHG measure.
5. The collection of data for the State asset management plans for the NHS.
    - a. GDOT will be responsible for collecting bridge and pavement condition data for the NHS. This includes NHS roads that are not on the State highway system, but instead are under the ownership of local jurisdictions, if such roads exist.


*All parties agree that email communications shall be considered written notice for all portions of this agreement.*

**[signature page to follow]**

**Signature page**

  
\_\_\_\_\_  
GAMPO Chair

4/12/18  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
GDOT (Commissioner)

4/30/18  
\_\_\_\_\_  
Date