

FY2021-2024 Transportation Improvement Program Amendment # 3

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V. FY2021- 2024 TIP FINANCIAL PLAN

The projects identified in the TIP can be implemented using current and anticipated revenues from existing sources that are reasonably expected by year. These revenue projections are based on reasonable financial principles and information developed using the 3-C Process by the MPO, State and public transportation operators. All regionally significant projects in this TIP reflect year of expenditure (YOE) costs based on the year in which funding is anticipated to be available. Continuing from the fiscally constrained list of projects that appear in the Vision2045 Metropolitan Transportation Plan, the TIP is fiscally constrained also.

Other projects in the TIP are shown to be funded with local revenues and are based on the past 5 years of revenue resources from each local government in the Metropolitan Planning Area. The TIP includes regionally significant projects requiring continued support from local, state, and federal partners. The following tables display each TIP and the anticipated funding from each revenue source to build the project. These projects include maintaining a state of good repair for various bridges and roadways, improving interstate ramps, and continued maintenance of the roadways in the VLMPO area.

For a transportation project to receive federal transportation funds, it must be included in an approved TIP. All funding categories in the TIP and current Metropolitan Transportation Plan must be financially constrained and consistent with one another, meaning that the cost of

all projects in each category must not exceed the amount of revenue available.

FY2021-2024 Transportation Improvement Program - VLMPO - Valdosta, GA Urbanized Area								
Anticipated Revenue FY2021-2024, all amounts include Federal, State and Local Funds, unless noted otherwise								
Fund Type	Fund Code	Tier I or Lump Sum	Description of Funds	FY2021	FY2022	FY2023	FY2024	Total
NHPP	Z001	Tier 1	National Hwy Sys (road)	\$ 6,530,219.00	\$ -	\$ -	\$ -	\$ 6,530,219.00
STP	Z233	Tier 1	STP, Off-system Bridge	\$ 70,000.00	\$ -	\$ 1,400,000.00	\$ -	\$ 1,470,000.00
STP	Z232	Tier 1	State Transportation	\$ -	\$ -	\$ -	\$ 3,000,000.00	\$ 3,000,000.00
State	HB170	Tier 1	HB170 State Funds	\$ 2,000,000.00	\$ 13,603,656.00	\$ 4,643,730.00	\$ -	\$ 20,247,386.00
Local	LOC	Tier 1 Local	100% Local Funded Projects/TIA	\$ 19,445,000.00	\$ -	\$ -	\$ -	\$ 19,445,000.00
State	41633	Tier 1	State Bond Funds	\$ 15,500,920.00	\$ -	\$ -	\$ -	\$ 15,500,920.00
Total Tier I Revenue				\$ 43,546,139.00	\$ 13,603,656.00	\$ 6,043,730.00	\$ 3,000,000.00	\$ 66,193,525.00
Group: Maintenance								
NHPP	Z001	Lump Sum	Bridge Painting (Interstate)	\$ 159,000.00	\$ 159,000.00	\$ 159,000.00	\$ 159,000.00	\$ 636,000.00
NHPP	Z001	Lump Sum	National Hwy Sys (Maintenance)	\$ 1,424,000.00	\$ 1,424,000.00	\$ 875,000.00	\$ 875,000.00	\$ 4,598,000.00
STP	Z240	Lump Sum	Bridge Painting	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 320,000.00
NHPP/STP	MULTI	Lump Sum	Road Maintenance	\$ 1,830,000.00	\$ 1,830,000.00	\$ 1,830,000.00	\$ 1,830,000.00	\$ 7,320,000.00
Group: Low Impact Bridges								
STP	Z240	Lump Sum	Low Impact Bridges	\$ 167,000.00	\$ 167,000.00	\$ 167,000.00	\$ 167,000.00	\$ 668,000.00
Group: Safety/ Includes Railroad								
HSIP	Z530	Lump Sum	Safety	\$ 796,000.00	\$ 796,000.00	\$ 796,000.00	\$ 796,000.00	\$ 3,184,000.00
HSIP	Z540	Lump Sum	RRX Hazard Elimination	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 200,000.00
HSIP	Z550	Lump Sum	Railroad Crossing Protection Devices	\$ 42,000.00	\$ 42,000.00	\$ 42,000.00	\$ 42,000.00	\$ 168,000.00
Group: Operations / Operational Improvement / Signal Upgrades								
STP	Z240	Lump Sum	Construction Management	\$ 414,000.00	\$ 414,000.00	\$ 414,000.00	\$ 414,000.00	\$ 1,656,000.00
STP	Z240	Lump Sum	Traffic Control Devices	\$ 239,000.00	\$ 239,000.00	\$ 239,000.00	\$ 239,000.00	\$ 956,000.00
STP	Z240	Lump Sum	Operational	\$ 95,000.00	\$ 95,000.00	\$ 95,000.00	\$ 95,000.00	\$ 380,000.00
Group: Roadway/Interchange Lighting								
NHPP	Z001	Lump Sum	Roadway Lighting	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 32,000.00
Group: Rights of Way - Protective Buying and Hardship Acquisitions								
STP	Z240	Lump Sum	RW Protective Buying	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 48,000.00
Group: Transportation Enhancement Program								
TE	L220	Lump Sum	Transportation Enhancements	\$ 70,000	\$ -	\$ -	\$ -	\$ 70,000.00
Group: Transportation Alternatives Program								
TAP	Z290	Lump Sum	Safe Routes to School	\$ -	\$ -	\$ -	\$ -	\$ -
Group: Wetland Mitigation								
STP	Z240	Lump Sum	Wetland Mitigation	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 40,000.00
Group: Carbon Reduction								
CRP	Y600	Lump Sum	Carbon Reduction	\$ -	\$ 230,599.00	\$ 230,599.00	\$ 230,599.00	\$ 691,797.00
Total Lump Sum Revenue				\$ 5,396,000.00	\$ 5,556,599.00	\$ 5,007,599.00	\$ 5,007,599.00	\$ 20,967,797.00
Total Highway Revenue				\$ 48,942,139.00	\$ 19,160,255.00	\$ 11,051,329.00	\$ 8,007,599.00	\$ 87,161,322.00
FTA	5307	Cap/Ops	VLMPO Urban Transit CAP and OPS	\$ 1,266,743.00	\$ 1,760,060.00	\$ 1,760,060.00	\$ 1,760,060.00	\$ 6,546,923.00
FTA	5310	Capital	Elderly and Disabled CAP	\$ -	\$ -	\$ -	\$ -	\$ -
FTA	5310	Operations	Elderly and Disabled (Urban)	\$ 168,571.00	\$ 168,571.00	\$ 168,571.00	\$ 168,571.00	\$ 674,284.00
FTA	5310	Operations	Elderly and Disabled (Rural)	\$ 674,283.00	\$ 674,283.00	\$ 674,283.00	\$ 674,283.00	\$ 2,697,132.00
FTA	5311	Capital	Berrien Co. Rural Transit	\$ -	\$ 10,897.00	\$ 5,448.00	\$ 10,897.00	\$ 27,242.00
FTA	5311	Operations	Berrien Co. Rural Transit	\$ 64,434.00	\$ 64,434.00	\$ 64,434.00	\$ 64,434.00	\$ 257,736.00
FTA	5311	Capital	Brooks Co. Rural Transit	\$ -	\$ 28,129.00	\$ 28,129.00	\$ 28,129.00	\$ 84,387.00
FTA	5311	Operations	Brooks Co. Rural Transit	\$ 281,288.00	\$ 281,288.00	\$ 281,288.00	\$ 281,288.00	\$ 1,125,152.00
FTA	5311	Capital	Lowndes Co. Rural Transit	\$ 184,357.00	\$ 184,357.00	\$ 184,357.00	\$ 184,357.00	\$ 737,428.00
FTA	5311	Operations	Lowndes Co. Rural Transit	\$ 368,714.00	\$ 368,714.00	\$ 368,714.00	\$ 368,714.00	\$ 1,474,856.00
FTA	5339	Capital	VLMPO Bus & Facilities Investment Prog	\$ 993,000.00	\$ -	\$ -	\$ -	\$ 993,000.00
Total Transit Revenue				\$ 4,001,390.00	\$ 3,540,733.00	\$ 3,535,284.00	\$ 3,540,733.00	\$ 14,618,140.00
Grand Total Anticipated Revenue				\$ 52,943,529.00	\$ 22,700,988.00	\$ 14,586,613.00	\$ 11,548,332.00	\$ 101,779,462.00

**FY2021-2024 Transportation Improvement Program
Valdosta-Lowndes Metropolitan Planning Organization -- Valdosta, Georgia Urbanized Area**

FTA Section 53xx Transit Projects FY2021-2024 - Anticipated Expenditures by Fiscal Year and Source

PI #	VLMPO #	Sponsor	Fund Type	Fund Code	Year	Phase	Description	Type of Work	Federal \$	State \$	Local \$	Total Phase \$
T006130		GDOT	FTA	5307	2021	CAP/OP	VLMPO Urban Transit CAP/OPS*	Cap/Ops	\$ 1,266,743.00	\$ -	\$ -	\$ 1,266,743.00
		GDOT	FTA	5310	2021	CAP/OP	Elderly and Disabled CAP/OPS	Capital	\$ -	\$ -	\$ -	\$ -
		GDOT	FTA	5310	2021	TOPR	Elderly and Disabled (Urban)	Operation	\$ 84,285.50	\$ 84,285.50	\$ -	\$ 168,571.00
		GDOT	FTA	5310	2021	TOPR	Elderly and Disabled (Rural)	Operation	\$ 337,141.50	\$ 337,141.50	\$ -	\$ 674,283.00
T006456		GDOT	FTA	5311	2021	TCAP	Berrien Co. Rural Transit	Capital	\$ -	\$ -	\$ -	\$ -
T006456		GDOT	FTA	5311	2021	TOPR	Berrien Co. Rural Transit	Operation	\$ 32,217.00	\$ -	\$ 32,217.00	\$ 64,434.00
T006410		GDOT	FTA	5311	2021	TCAP	Brooks Co. Rural Transit	Capital	\$ -	\$ -	\$ -	\$ -
T006410		GDOT	FTA	5311	2021	TOPR	Brooks Co. Rural Transit	Operation	\$ 140,644.00	\$ -	\$ 140,644.00	\$ 281,288.00
T006449		GDOT	FTA	5311	2021	TCAP	Lowndes Co. Rural Transit	Capital	\$ 147,485.60	\$ 18,435.70	\$ 18,435.70	\$ 184,357.00
T006449		GDOT	FTA	5311	2021	TOPR	Lowndes Co. Rural Transit	Operation	\$ 184,357.00	\$ -	\$ 184,357.00	\$ 368,714.00
		GDOT	FTA	5339	2021	TCAP	VLMPO Bus & Facilities Investment Program	Capital	\$ 993,000.00	\$ -	\$ -	\$ 993,000.00
FY2021 Total									\$ 3,185,873.60	\$ 439,862.70	\$ 375,653.70	\$ 4,001,390.00
T006851		GDOT	FTA	5307	2022	CAP/OP	VLMPO Urban Transit CAP/OPS*	Cap/Ops	\$ 1,126,030.00	\$ 82,000.00	\$ 552,030.00	\$ 1,760,060.00
		GDOT	FTA	5310	2022	CAP/OP	Elderly and Disabled CAP/OPS	Capital	\$ -	\$ -	\$ -	\$ -
		GDOT	FTA	5310	2022	TOPR	Elderly and Disabled (Urban)	Operation	\$ 84,285.50	\$ 84,285.50	\$ -	\$ 168,571.00
		GDOT	FTA	5310	2022	TOPR	Elderly and Disabled (Rural)	Operation	\$ 337,141.50	\$ 337,141.50	\$ -	\$ 674,283.00
T007125		GDOT	FTA	5311	2022	TCAP	Berrien Co. Rural Transit	Capital	\$ 8,717.60	\$ 1,089.70	\$ 1,089.70	\$ 10,897.00
T007125		GDOT	FTA	5311	2022	TOPR	Berrien Co. Rural Transit	Operation	\$ 32,217.00	\$ -	\$ 32,217.00	\$ 64,434.00
T007128		GDOT	FTA	5311	2022	TCAP	Brooks Co. Rural Transit	Capital	\$ 22,503.20	\$ 2,812.90	\$ 2,812.90	\$ 28,129.00
T007128		GDOT	FTA	5311	2022	TOPR	Brooks Co. Rural Transit	Operation	\$ 140,644.00	\$ -	\$ 140,644.00	\$ 281,288.00
T007162		GDOT	FTA	5311	2022	TCAP	Lowndes Co. Rural Transit	Capital	\$ 147,485.60	\$ 18,435.70	\$ 18,435.70	\$ 184,357.00
T007162		GDOT	FTA	5311	2022	TOPR	Lowndes Co. Rural Transit	Operation	\$ 184,357.00	\$ -	\$ 184,357.00	\$ 368,714.00
FY2022 Total									\$ 2,083,381.40	\$ 525,765.30	\$ 931,586.30	\$ 3,540,733.00
T006852		GDOT	FTA	5307	2023	CAP/OP	VLMPO Urban Transit CAP/OPS*	Cap/Ops	\$ 1,126,030.00	\$ 82,000.00	\$ 552,030.00	\$ 1,760,060.00
		GDOT	FTA	5310	2023	CAP/OP	Elderly and Disabled CAP/OPS	Capital	\$ -	\$ -	\$ -	\$ -
		GDOT	FTA	5310	2023	TOPR	Elderly and Disabled (Urban)	Operation	\$ 84,285.50	\$ 84,285.50	\$ -	\$ 168,571.00
		GDOT	FTA	5310	2023	TOPR	Elderly and Disabled (Rural)	Operation	\$ 337,141.50	\$ 337,141.50	\$ -	\$ 674,283.00
T007207		GDOT	FTA	5311	2023	TCAP	Berrien Co. Rural Transit	Capital	\$ 4,358.40	\$ 544.80	\$ 544.80	\$ 5,448.00
T007207		GDOT	FTA	5311	2023	TOPR	Berrien Co. Rural Transit	Operation	\$ 32,217.00	\$ -	\$ 32,217.00	\$ 64,434.00
T007210		GDOT	FTA	5311	2023	TCAP	Brooks Co. Rural Transit	Capital	\$ 22,503.20	\$ 2,812.90	\$ 2,812.90	\$ 28,129.00
T007210		GDOT	FTA	5311	2023	TOPR	Brooks Co. Rural Transit	Operation	\$ 140,644.00	\$ -	\$ 140,644.00	\$ 281,288.00
T007244		GDOT	FTA	5311	2023	TCAP	Lowndes Co. Rural Transit	Capital	\$ 147,485.60	\$ 18,435.70	\$ 18,435.70	\$ 184,357.00
T007244		GDOT	FTA	5311	2023	TOPR	Lowndes Co. Rural Transit	Operation	\$ 184,357.00	\$ -	\$ 184,357.00	\$ 368,714.00
FY2023 Total									\$ 2,079,022.20	\$ 525,220.40	\$ 931,041.40	\$ 3,535,284.00
T007059		GDOT	FTA	5307	2024	CAP/OP	VLMPO Urban Transit CAP/OPS*	Cap/Ops	\$ 1,126,030.00	\$ 82,000.00	\$ 552,030.00	\$ 1,760,060.00
		GDOT	FTA	5310	2024	CAP/OP	Elderly and Disabled CAP/OPS	Capital	\$ -	\$ -	\$ -	\$ -
		GDOT	FTA	5310	2024	TOPR	Elderly and Disabled (Urban)	Operation	\$ 84,285.50	\$ 84,285.50	\$ -	\$ 168,571.00
		GDOT	FTA	5310	2024	TOPR	Elderly and Disabled (Rural)	Operation	\$ 337,141.50	\$ 337,141.50	\$ -	\$ 674,283.00
T007289		GDOT	FTA	5311	2024	TCAP	Berrien Co. Rural Transit	Capital	\$ 8,717.60	\$ 1,089.70	\$ 1,089.70	\$ 10,897.00
T007289		GDOT	FTA	5311	2024	TOPR	Berrien Co. Rural Transit	Operation	\$ 32,217.00	\$ -	\$ 32,217.00	\$ 64,434.00
T007292		GDOT	FTA	5311	2024	TCAP	Brooks Co. Rural Transit	Capital	\$ 22,503.20	\$ 2,812.90	\$ 2,812.90	\$ 28,129.00
T007292		GDOT	FTA	5311	2024	TOPR	Brooks Co. Rural Transit	Operation	\$ 140,644.00	\$ -	\$ 140,644.00	\$ 281,288.00
T006178		GDOT	FTA	5311	2024	TCAP	Lowndes Co. Rural Transit	Capital	\$ 147,485.60	\$ 18,435.70	\$ 18,435.70	\$ 184,357.00
T006178		GDOT	FTA	5311	2024	TOPR	Lowndes Co. Rural Transit	Operation	\$ 184,357.00	\$ -	\$ 184,357.00	\$ 368,714.00
FY2024 Total									\$ 2,083,381.40	\$ 525,765.30	\$ 931,586.30	\$ 3,540,733.00
Tranist Total									\$ 9,431,658.60	\$ 2,016,613.70	\$ 3,169,867.70	\$ 14,618,140.00

Total Transit Revenue \$ 14,618,140.00

*Total Phase does not include State and Local match portions which are yet to be determined

Total FTA Section 53 Transit Revenue Less Local Projects \$ 14,618,140.00

Difference \$ -

IX. SYSTEM PERFORMANCE REPORT

Pursuant to the Moving Ahead for Progress in the 21st Century Act (MAP-21) Act enacted in 2012 and the Fixing America's Surface Transportation Act (FAST Act) enacted in 2015, state Departments of Transportation (DOT) and Metropolitan Planning Organizations (MPO) must apply a transportation performance management approach in carrying out their federally-required transportation planning and programming activities. The process requires the establishment and use of a coordinated performance-based approach to transportation decision-making to support national goals for the federal-aid highway and public transportation programs.

On May 27, 2016, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) issued the Statewide and Nonmetropolitan Transportation Planning; Metropolitan Transportation Planning Final Rule (The Planning Rule).⁵ This regulation implements the transportation planning and transportation performance management provisions of MAP-21 and the FAST Act.

In accordance with The Planning Rule and the Georgia Performance Management Agreement between the Georgia DOT (GDOT) and the Georgia Association of Metropolitan Planning Organizations (GAMPO), GDOT and each Georgia MPO must publish a System Performance Report for applicable performance measures in their respective statewide and metropolitan transportation plans and programs. The System Performance Report presents the condition and performance of the transportation system with respect to required performance measures, documents performance targets and progress achieved in meeting the targets in comparison with previous reports. This is required for the following:

- In any statewide or metropolitan transportation plan or program amended or adopted after May 27, 2018, for Highway Safety/PM1 measures;
- In any statewide or metropolitan transportation plan or program amended or adopted after October 1, 2018, for Transit Asset and Safety Measures; and
- In any statewide or metropolitan transportation plan or program amended or adopted after May 20, 2019, for Pavement and Bridge Condition/PM2 and System Performance/PM3 measures.

The Valdosta-Lowndes MPO Fiscal Year (FY) 2018-2021 Transportation Improvement Program (TIP) was amended on September 5, 2018. Per the Planning Rule and the Georgia Performance Management Agreement, the System Performance Report for the Valdosta-Lowndes MPO FY 2021-2024 TIP is included, herein, for the required Highway Safety/PM1, Pavement and Bridge Condition/PM2 and System Performance/PM3 measures performance measures.

⁵ 23 CFR 450.314

HIGHWAY SAFETY/PM 1

Effective April 14, 2016, the FHWA established the highway safety performance measures⁶ to carry out the Highway Safety Improvement Program (HSIP). These performance measures are:

1. Number of fatalities;
2. Rate of fatalities per 100 million vehicle miles traveled;
3. Number of serious injuries;
4. Rate of serious injuries per 100 million vehicle miles traveled; and
5. Number of combined non-motorized fatalities and non-motorized serious injuries.

Safety performance targets are provided by the States to FHWA for each safety performance measure. Previous safety targets address calendar year 2018 and are based on a five-year rolling average (2014-2018). The Valdosta-Lowndes MPO adopted the Georgia statewide 2014-2018 safety performance targets on February 22, 2018. The current safety targets (2019-2023) were administratively modified into the FY2021-2024 Transportation Improvement Program on January 10, 2022. The 2012-2016 safety targets reflected in the table are the baseline performance targets.

The Georgia statewide baseline and current safety performance targets for 2024 are included in Table 6; statewide system conditions for each performance measure are also included. The latest safety conditions will be updated on a rolling 5-year window and reflected within each subsequent System Performance Report, to track performance over time in relation to baseline conditions and established targets.

Performance Measures	Georgia Statewide Baseline Performance Targets (Five-Year Rolling Average 2012-2016)	2024 Georgia Statewide Safety Performance Targets (Five-Year Rolling Average 2019-2023)
Number of Fatalities	1,305.2	1,680
Rate of Fatalities per 100 Million Vehicle Miles Traveled	1.148	1.36
Number of Serious Injuries	17,404.6	8,966
Rate of Serious Injuries per 100 Million Vehicle Miles Traveled	15.348	7.679
Number of Combined Non-Motorized Fatalities and Non-Motorized Serious Injuries	1,138.0	802

Table 7. Highway Safety Performance Measures

⁶ 23 CFR Part 490, Subpart B

PAVEMENT AND BRIDGE CONDITION PERFORMANCE MEASURES AND TARGETS (PM2)

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.

The MPO agreed on September 5, 2018 to support the performance targets developed by GDOT with a resolution amended into the 2040 Long Range Transportation Plan and the FY 2018-2021 Transportation Improvement Program.

Table 8. shows the targets adopted on September 5, 2018.

National Safety Performance Measures	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 need 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 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 the 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 of 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 1.0% (NHS) in Poor Condition

Table 8. Pavement and Bridge Condition Performance Measures and Targets

Travel Time and Freight Reliability, Peak Hour Delay, and Emissions Measures and Targets (PM3)

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 4 years thereafter, with a revision possible at the 2-year mark. The MPO agreed on September 5, 2018 to support the performance targets developed by GDOT with a resolution amended into the 2040 Long Range Transportation Plan and the FY 2018-2021 Transportation Improvement Program. The table shows the targets adopted on September 5, 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%
Total Emissions Reduction	N/A	N/A

Table 9. Travel Time and Freight Reliability Performance Measures and Targets

The Valdosta-Lowndes MPO recognizes the importance of linking goals, objectives, and investment priorities to stated performance objectives, and that establishing this link is critical to the achievement of national transportation goals and statewide and regional performance targets. As such, the FY 2021-2024 TIP planning process directly reflects the goals, objectives, performance measures, and targets as they are available and described in other State and public transportation plans and processes; specifically, the Georgia Strategic Highway Safety Plan (SHSP), the Georgia Highway Safety Improvement Program (HSIP), the current Georgia Statewide Transportation Plan (SWTP), and the current Vision2045 Metropolitan Transportation Plan (MTP).

- The Georgia SHSP is intended to reduce the number of fatalities and serious injuries resulting from motor vehicle crashes on public roads in Georgia. Existing highway safety plans are aligned and coordinated with the SHSP, including (but not limited to) the Georgia HSIP, MPO and local agencies' safety plans. The SHSP guides GDOT, the Georgia MPOs, and other safety partners in addressing safety and defines a framework for implementation activities to be carried out across Georgia.
- The GDOT HSIP annual report provides for a continuous and systematic process that identifies and reviews traffic safety issues around the state to identify locations with potential for improvement. The ultimate goal of the HSIP process is to reduce the number of crashes, injuries and fatalities by eliminating certain predominant types of crashes through the implementation of engineering solutions.
- The GDOT SWTP summarizes transportation deficiencies across the state and defines an investment portfolio across highway and

transit capacity, highway preservation, highway safety, and highway operations over the 25-year plan horizon.

- Investment priorities reflect optimal performance impacts across each investment program given anticipated transportation revenues.
- The Valdosta-Lowndes Vision2045 Metropolitan Transportation Plan (MTP) increases the safety of the transportation system for motorized and non-motorized users as required by The Planning Rule. The Vision2045 MTP identifies safety needs within the metropolitan planning area and provides funding for targeted safety improvements.

To support progress towards implemented highway safety targets, the FY 2021-2024 TIP includes a number of key safety investments. A total of \$97,926,524.35 has been programmed in the FY 2021-2024 TIP to improve highway safety; averaging approximately \$24,481,631.09 per year.

X. PROJECT CONTRIBUTION TO ESTABLISHED PERFORMANCE TARGETS

Table 9. displays the Constrained list of projects in this TIP and the targets that they are anticipated to have a positive impact on. By agreeing to support GDOT's performance targets in the area of safety, pavement and bridge conditions and travel & freight reliability, the MPO has agreed to coordinate with GDOT to program projects that will contribute to the accomplishment of these National and State goals, measures, and targets.

PI#	LRTP # / PI#	Project Name	Safety PM	PM2: Pavement & Bridge	PM3: Travel & Freight Reliability & Delay
0010295	G502	I-75 @ SR 376 - Phase II	X	X	X
0010296	G503	I-75 @ CR 783/ Loch Laurel Road Phase II	X	X	
0010297	G016	I-75 @ SR 31 - Phase II	X	X	
0010298	G020	I-75 @ SR 133 Phase II	X	X	X
0013987	L019	CR 274 / CS 1078 /Lake Park / Bellville Road	X		X
0014134	V075	CS 1517 / Jerry Jones Drive/ Eager Road	X	X	X
0014485	G040	SR 31 from SR 7 / Lowndes to SR 135/Lanier	X		X
0015614	L022	CR 136/Old Quitman Road Bridge @ CSX #637487Y 6 Mi W of Valdosta	X	X	
0016898	G501	South Valdosta Truck Bypass	X	X	X

Table 10. Project Contribution to Established Targets

Vision2045 Metropolitan Transportation Plan – Vision2045 Administrative Modification # 7

Updated State Safety Performance Targets are in Red.

Performance-Based Planning

The FAST Act requires states and MPOs to develop performance measures for their long-range transportation plans. Performance-based planning and programming (PBPP) is an integral component within transportation performance management, a strategic approach that uses data to support decisions that help to achieve performance goals. Performance-based planning is the use of a strategic direction (goals and objectives) and performance trends to drive the development of agency strategies and priorities in the long-range transportation plan (LRTP) and other performance-based plans (e.g., safety, asset management, mobility/operations, freight, etc.). The identified strategies and priorities in these plans lead to the programming of projects selected to make progress toward performance targets, objectives and goals.⁴

States and MPOs must develop performance measures for their long-range transportation plans in accordance with the Moving Ahead for Progress in the 21st Century Act (MAP-21), which has been replaced with the Fixing America's Surface Transportation Act (FAST Act). While the law provides broad national goals for performance measures, the states and MPOs are required to jointly develop quantifiable targets for transportation plans based on regulations promulgated by the Federal Highway and Transit Administrations. These performance measures were enacted to help improve highway safety, travel time reliability, among other important areas to help create and maintain a safe, efficient transportation network.

In order to build the framework and jointly develop performance measures and targets through PBPP, as well as provide a better display the framework integration with the goals of the Vision2045 Plan, the following table was created to show how the local CCV objectives align with national goals and federal planning factors.

The performance measures and targets table is below are the national, state and local performance measures and targets for the MPO.

⁴ TPM Guidebook, 2016; <https://www.tpmtools.org/wp-content/uploads/2016/09/guidebook-component-03.pdf>

Table 3. Integrated Local Goals/Objectives, and National Goals and Planning Factors

National Goals	Planning Factors	CCV Transportation Objectives
<i>Freight Movement and Economic Vitality</i>	Support Economic Vitality Enhance travel and tourism	Support Regional Economic Engines through Accessible, Multi-Modal Transportation Systems for the Movement of People and Goods.
		Improve Workforce Development Training Through Investments in Affordable, Accessible, Multi-Modal Transportation Systems for the Movement of People.
	Increase accessibility and mobility options of people and freight	Encourage Entrepreneurship and Small Businesses through Affordable, Accessible, Multi-modal Transportation Investments.
	Enhance the integration and connectivity of the transportation system	Support local schools through affordable, accessible, and efficient multi-modal and public transit investments.
	Increase the security of the transportation system for motorized and non-motorized users	Provide Regional Connectivity through an Efficient, Safe, Accessible, and Affordable Multi-Modal Transportation System
Implement Transportation and Land Use Policies that Support Cultural/Historic Resources and Promote Tourism.		
<i>Environmental Sustainability</i>	Improve the resiliency and reliability of the transportation system	Develop Basic Transportation and Utility Infrastructure that Promotes Resiliency and Reliability.
	Protect and enhance the environment, promote energy conservation	Promote Conservation and Renewable Energy through Alternative Transportation and Fuel Technologies.
<i>Congestion Reduction</i>	Promote consistency between transportation improvements and State and local planned growth and economic development patterns	Develop Land Use Policies that Promote to Community Infrastructure and Amenities through Multi-Modal Transportation Investments
		Provide Housing that is Safe, Affordable and Accessible to All Income Levels and has Multi-Modal Transportation Investments that are Context Sensitive.
<i>Safety – Reduce Fatalities and Serious Injuries</i>	Improve the quality of life	Promote Healthy Eating and Active Lifestyles by Implementing Active, Healthy Lifestyle Transportation Strategies
	Increase the safety of the transportation system for motorized and nonmotorized users	Implement Bicycle and Pedestrian Transportation Projects that Promote an Active, Healthy Lifestyle
<i>System Reliability</i>	Emphasize the preservation of the existing transportation system	Coordinate with Emergency Responders to Develop Resilient, Well Maintained Transportation Infrastructure.
<i>Reduced Project Delivery Delays</i>	Promote efficient system management and operation	Develop Regional Leadership that Promotes Transparency, Citizen Engagement, and Coordinated Planning and Delivery of Transportation Projects.

Table 4. Performance Measures and Targets

Performance Measures:		Targets:		Performance Measures:		Targets:	
Goal 1: Safety and System Reliability	% of the person-miles traveled on the Interstate that are reliable	2-year: 73%; 4-year: 67%		Goal 2: Infrastructure Condition	% of Interstate System Pavements in Good/Poor Condition	> = 50%/ < = 5%	
	# of Fatalities	1,680			% of non-Interstate NHS pavements in Good/Poor Condition	> = 40%/ < = 12%	
	Rate of Fatalities (/100M VMT)	1.36			% of NHS Bridges in Good/Poor Condition	> = 60%/ < = 10%	
	# of Serious Injuries	8,966					
	Rate of Serious Injuries(/100M VMT)	7.679					
	Number of Combined Non-Motorized Fatalities and Non-Motorized Serious Injuries	802					
Goal 3: Congestion Reduction	% of person-miles traveled on the non-Interstate that are reliable	2-year: NA; 4-year: 81%		Goal 4: Freight Movement and Economic Vitality	Truck Travel Time Reliability (TTTR) Index	2-year: 1.66; 4-year: 1.78	
	% of the person-miles traveled on the Interstate that are reliable	2-year: 73%; 4-year: 67%					
Goal 5: Environmental Sustainability	No federal performance measures determined at this time	Report on local activities to promote infrastructure resiliency to extreme weather events and local investments in alternative fuel infrastructure		Goal 6: Reduced Project Delivery Delays	No federal performance measures determined at this time	Report on local activities to promote regional leadership, transparency, citizen engagement, and coordinated planning and delivery of transportation investments	

Appendix F – System Performance Report

Background

Pursuant to the Moving Ahead for Progress in the 21st Century Act (MAP-21) Act enacted in 2012 and the Fixing America's Surface Transportation Act (FAST Act) enacted in 2015, state Departments of Transportation (DOT) and Metropolitan Planning Organizations (MPO) must apply a transportation performance management approach in carrying out their federally-required transportation planning and programming activities. The process requires the establishment and use of a coordinated performance-based approach to transportation decision-making to support national goals for the federal-aid highway and public transportation programs.

On May 27, 2016, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) issued the Statewide and Nonmetropolitan Transportation Planning; Metropolitan Transportation Planning Final Rule (The Planning Rule).⁵ This regulation implements the transportation planning and transportation performance management provisions of MAP-21 and the FAST Act.

In accordance with The Planning Rule and the Georgia Performance Management Agreement between the Georgia DOT (GDOT) and the Georgia Association of Metropolitan Planning Organizations (GAMPO), GDOT and each Georgia MPO must publish a System Performance Report for applicable performance measures in their respective statewide and metropolitan transportation plans and programs. The System Performance Report presents the condition and performance of the transportation system with respect to required performance measures, documents performance targets and progress achieved in meeting the targets in comparison with previous reports. This is required for the following:

- In any statewide or metropolitan transportation plan or program amended or adopted after May 27, 2018, for Highway Safety/PM1 measures;
- In any statewide or metropolitan transportation plan or program amended or adopted after October 1, 2018, for Transit Asset and Safety Measures; and
- In any statewide or metropolitan transportation plan or program amended or adopted after May 20, 2019, for Pavement and Bridge Condition/PM2 and System Performance/PM3 measures.

The Valdosta-Lowndes MPO Fiscal Year (FY) 2018-2021 Transportation Improvement Program (TIP) was amended on September 5, 2018. Per the Planning Rule and the Georgia Performance Management Agreement, the System Performance Report for the Valdosta-Lowndes MPO FY2021-2024 TIP is included, herein, for the required Highway Safety/PM1, Pavement and Bridge Condition/PM2 and System Performance/PM3 measures performance measures.

Highway Safety/PM 1

Effective April 14, 2016, the FHWA established the highway safety performance measures⁶ to carry out the Highway Safety Improvement Program (HSIP). These performance measures are:

1. Number of fatalities;
2. Rate of fatalities per 100 million vehicle miles traveled;
3. Number of serious injuries;

⁵ 23 CFR 450.314

⁶ 23 CFR Part 490, Subpart B

4. Rate of serious injuries per 100 million vehicle miles traveled; and
5. Number of combined non-motorized fatalities and non-motorized serious injuries.

Safety performance targets are provided by the States to FHWA for each safety performance measure. Previous safety targets address calendar year 2021 and are based on a five-year rolling average (2016-2020). The Valdosta-Lowndes MPO adopted the Georgia statewide safety performance targets on February 22, 2018. The current safety targets (2019-2023) were administratively modified into the FY2021-2024 Transportation Improvement Program and Vision2045 MTP on December 2, 2023. Safety performance targets are required to be adopted annually. The Georgia statewide baseline and current safety performance targets for 2024 are included in Table 1⁷; statewide system conditions for each performance measure are also included in Table 1.

The latest safety conditions will be updated on a rolling 5-year window and reflected within each subsequent System Performance Report, to track performance over time in relation to baseline conditions and established targets.

Table 1. Highway Safety/PM1, System Conditions and Performance

Performance Measures	2022 Georgia Statewide Performance (Five-Year Rolling Average 2018-2022)	2024 Georgia Statewide Performance Target (Five-Year Rolling Average 2019-2023)
Number of Fatalities	1,671	1,680
Rate of Fatalities per 100 Million Vehicle Miles Traveled	1.210	1.36
Number of Serious Injuries	8,443	8,966
Rate of Serious Injuries per 100 Million Vehicle Miles Traveled	4.610	7.679
Number of Combined Non-Motorized Fatalities and Non-Motorized Serious Injuries	793	802

Pavement and Bridge Condition Performance Measures and Targets (PM2)

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. The MPO agreed on September

⁷ https://safety.fhwa.dot.gov/hsip/spm/state_safety_targets/

5, 2018 to support the performance targets developed by GDOT with a resolution amended into the 2040 Long Range Transportation Plan and the FY 2018-2021 Transportation Improvement Program. The table below shows the targets adopted on September 5, 2018.

National Safety Performance Measures	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 need 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	Non-interstate NHS pavements in 'Poor' condition 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 the 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 of 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 1.0% (NHS) in Poor Condition

Travel Time and Freight Reliability, Peak Hour Delay, and Emissions Measures and Targets (PM3)

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 4 years thereafter, with a revision possible at the 2-year mark. The MPO agreed on September 5, 2018 to support the performance targets developed by GDOT with a resolution amended into the 2040 Long Range Transportation Plan and the FY 2018-2021 Transportation Improvement Program. The table below shows the targets adopted on September 5, 2018.

National Safety Performance	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	N/A	N/A

The Valdosta-Lowndes MPO recognizes the importance of linking goals, objectives, and investment priorities to stated performance objectives, and that establishing this link is critical to the achievement of national transportation goals and statewide and regional performance targets. As such, the FY 2018-2021 TIP planning process directly reflects the goals, objectives, performance measures, and targets as they are available and described in other State and public transportation plans and processes; specifically, the Georgia Strategic Highway Safety Plan (SHSP), the Georgia Highway Safety Improvement Program (HSIP), the current Georgia Statewide Transportation Plan (SWTP), and the current Valdosta-Lowndes 2040 Transportation Vision Plan (TVP).

- The Georgia SHSP is intended to reduce the number of fatalities and serious injuries resulting from motor vehicle crashes on public roads in Georgia. Existing highway safety plans are aligned and coordinated with the SHSP, including (but not limited to) the Georgia HSIP, MPO and local agencies' safety plans. The SHSP guides GDOT, the Georgia MPOs, and other safety partners in addressing safety and defines a framework for implementation activities to be carried out across Georgia.
- The GDOT HSIP annual report provides for a continuous and systematic process that identifies and reviews traffic safety issues around the state to identify locations with potential for improvement. The ultimate goal of the HSIP process is to reduce the number of crashes, injuries and fatalities by eliminating certain predominant types of crashes through the implementation of engineering solutions.
- The GDOT SWTP summarizes transportation deficiencies across the state and defines an investment portfolio across highway and transit capacity, highway preservation, highway safety, and highway operations over the 25-year plan horizon. Investment priorities reflect optimal performance impacts across each investment program given anticipated transportation revenues.
- The Valdosta-Lowndes MPO 2040 Transportation Vision Plan (TVP) increases the safety of the transportation system for motorized and non-motorized users as required by The Planning Rule. The 2040 TVP identifies safety needs within the metropolitan planning area and provides funding for targeted safety improvements.

To support progress towards approved highway safety targets, the FY 2021-2024 TIP includes a number of key safety investments. A total of \$12,874,000 has been programmed in the FY 2021-2024 TIP to improve highway safety; averaging approximately \$3,218,500 per year.

Project Contribution to Established Performance Targets

The table below displays the Constrained list of projects in this Plan and FY 2021-2024 TIP and the targets that they are anticipated to positively affect. By agreeing to support GDOT's performance targets in the area of safety, pavement and bridge conditions and travel & freight reliability, the MPO has agreed to coordinate with GDOT to program projects that will contribute to the accomplishment of these National and State goals, measures, and targets.

Table 5. Project Contribution to Established Performance Targets

LRTP # / Pt#	Project Name	Safety PM	PM2: Pavement & Bridge	PM3: Travel & Freight Reliability & Delay
L022	CR 136/Old Quitman Road @ CSX #637487Y 6 Mi W of Valdosta	X	X	
L019	CR 274 / CS 1078 /Lake Park / Bellville Road	X		X
G020	I-75 @ SR 133 Phase II	X	X	X
G040	SR 31	X	X	X
V075	CR 784 / Jerry Jones Drive/ Eager Road	X	X	X
G016	I-75 @ SR 31 - Phase II	X	X	
G009	SR 38/ US 84	X		X
G008	SR 38/US 84	X		X
L029	Val Del Road	X		X
L532	Howell Road Bridge	X	X	
G502	I-75 @ SR 376 - Phase II	X	X	X
G503	I-75 @ CR 783/ Loch Laurel Road Phase II	X	X	
G501	South Valdosta Truck Bypass	X		X
V061	Old 41 North Widening	x	x	x
L018	Old Clyattville Road	x	x	x
L532	Country Club Drive	x		x
V035	Forrest Street	x	x	x
V502	Old Clyattville Road	x		x
L024	Orr Road Extension	x		x
L007	St. Augustine Road at CSX Railroad	x	x	x
L529	Lucas Richardson Road Extension	X		X
L502	Cherry Creek Road	X		X