
2019 TIP Project Solicitation
Fund Award Summary
Final Report – May 2021



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Solicitation Factoids and Summary

The 90 projects and studies selected from this open solicitation help reduce congestion, improve air quality, encourage non-vehicle trips and target areas with social equity concerns. The following factoids offers high level information about how an awarded project performed.

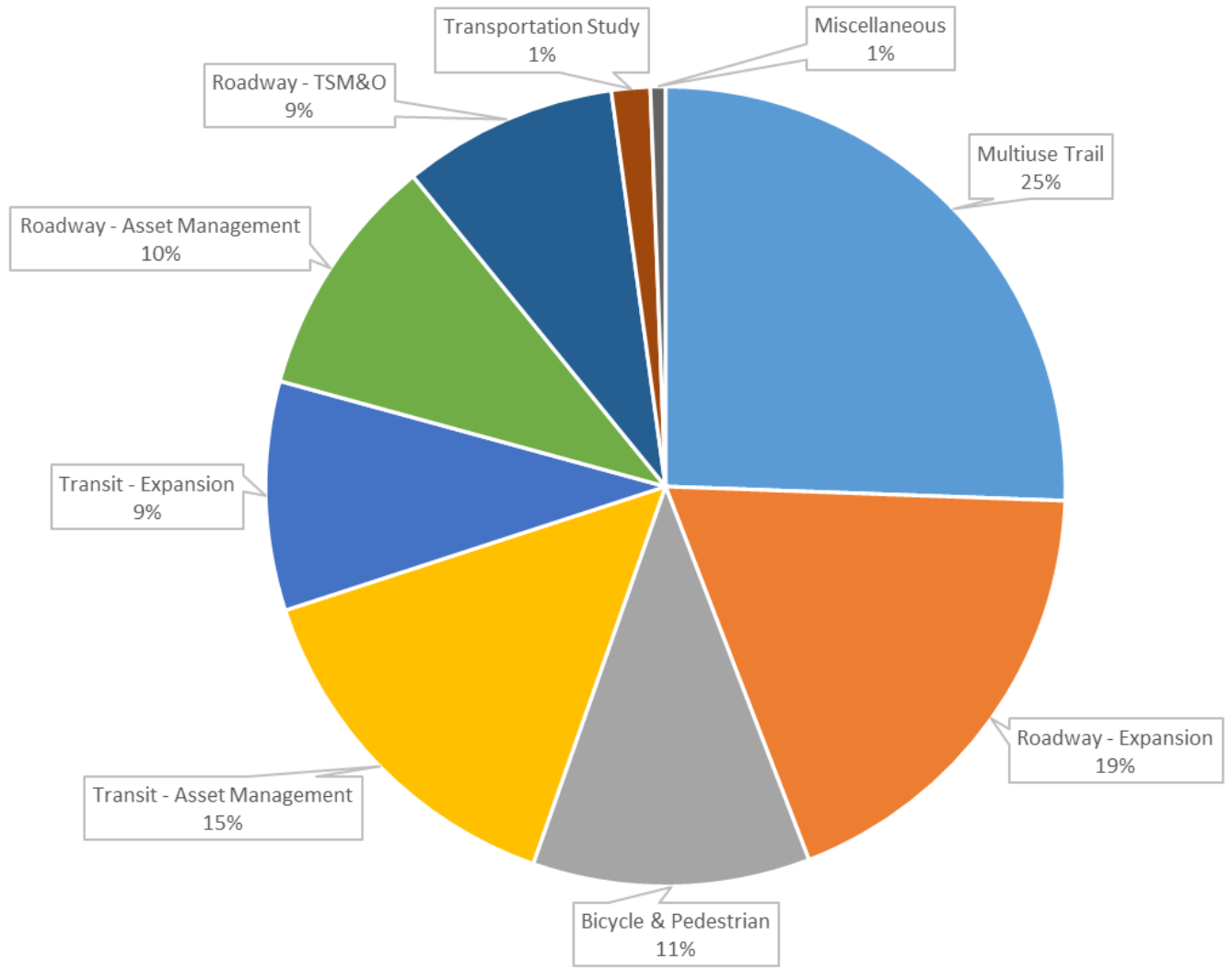
- **The selected trail projects will add 47 miles of new multiuse trails to the region**
- **67% of the awarded projects and 63% of the awarded funding are located in Environmental justice (EJ) communities**
- **By 2025, the selected transit projects support an extra 596,500 annual bus and train trips**
- **Selected projects are spread across 12 counties in the Atlanta region**

Summary of 2019 TIP Project Solicitation Fund Awards*

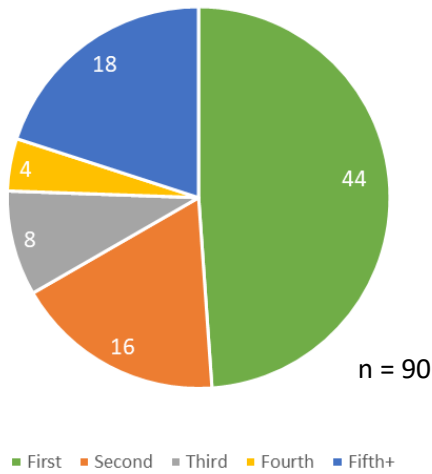
Project Type	Total Projects	Projects Funded	Funds Allocated
Bicycle & Pedestrian	16	7	\$29,544,410
Multiuse Trail	27	18	\$67,824,947
Roadway - Asset Management	20	10	\$26,034,385
Roadway - Expansion	26	13	\$52,404,782
Roadway - TSM&O	24	12	\$22,941,640
Transit - Asset Management	8	7	\$38,530,000
Transit - Expansion	7	5	\$24,412,499
Miscellaneous	2	1	\$1,596,000
Transportation Study	39	17	\$4,125,000
TOTAL	169	90	\$267,413,663

*Includes recommendations programmed during TIP Amendment #1 and TIP Amendment #2

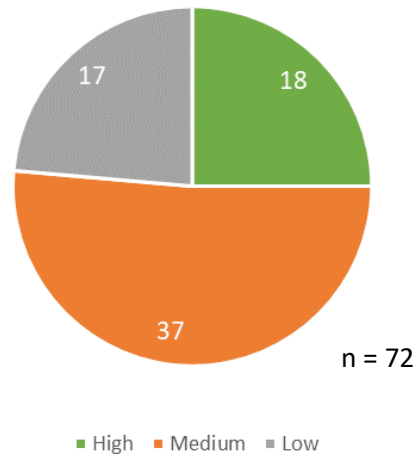
Funds Allocated by Project Type



Funding by Local Priority



Funding by Project Performance

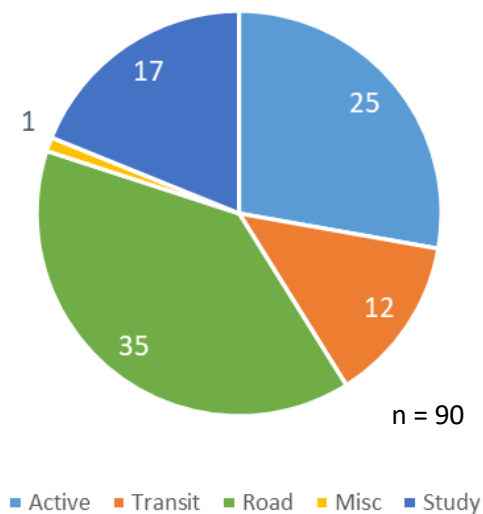


The selected projects and studies do well for addressing local priorities. The chart above shows the number of funded projects by their local priority.

The selected infrastructure projects performed well in our technical analysis for this solicitation. The chart above shows the number of funded projects by their project performance. Detailed performance of solicitation projects is in Appendix A.

The selected projects are multimodal in nature, addressing transportation needs with a variety of solutions by all modes. The chart below shows the number of funded projects by their project type.

Funding by Project Type



Overview

The Atlanta Regional Commission (ARC) is pleased to announce the 2019 Transportation Improvement Program (TIP) project solicitation fund awards. The 95 projects and studies selected for funding represent a wide variety of project types in communities across the region.

The funded projects represent a varied array of solutions to address regional problems such as: congestion, safety, access to jobs, equity and environmental quality. Many selected projects demonstrate strong performance benefits as measured and outlined in ARC's [TIP Project Evaluation Framework](#), but many showed merit in ways that are currently unquantifiable. During 2021, ARC will work to update the TIP Project Evaluation Framework to address these gaps in analysis.

ARC staff split the applications into two general categories: Infrastructure and Studies.

- 39 study applications were received requesting \$12.3 million in funding. Of these, 17 were awarded funding totaling \$4.125 million.
- 130 infrastructure applications were received requesting \$619 million in funding. Of these, 73 were awarded funding totaling \$263.1 million.

Projects were awarded federal funds from ARC's obligation authority under the Surface Transportation Block Grant – Urbanized Area (STBG-Urban), Transportation Alternative Program (TAP), and the Congestion Mitigation and Air Quality (CMAQ) program. ¹

Table 1 – Applications by Project Type & Funding Requested and Awarded

Project Type	Number of Projects Submitted	Total Federal Funding Requested (millions)	Number of Projects Awarded Funding	Total Federal Funding Awarded (millions)
Bicycle/Pedestrian	16	\$68.9	7	\$29.5
Trail	27	\$134.0	18	\$67.8
Roadway Asset Management	20	\$65.5	10	\$26.0
Roadway Expansion	26	\$167.0	13	\$52.4
Roadway TSM&O	24	\$92.4	12	\$22.9
Transit Asset Management	8	\$54.1	7	\$38.5
Transit Expansion	7	\$35.3	5	\$24.4
Misc. Emissions	2	\$2.0	1	\$1.6
Study	39	\$12.3	17	\$4.1
TOTAL	169	\$631.5	90	\$267.2

Project Evaluation Framework

The 2019 solicitation was guided by the work completed in 2018 by ARC, local jurisdictions and planning partners to develop a performance-based planning framework for transportation project evaluation and

¹ GDOT has sole obligation authority for CMAQ funded projects. ARC and GDOT work together to select and award funding for CMAQ projects in the Atlanta Ozone and Fine Particulate (PM_{2.5}) Maintenance Areas.

selection. An earlier version of this framework was used to evaluate the 2017 TIP solicitation. The framework was improved and iterated upon during and after the 2017 TIP solicitation, and culminated in a document that informs project sponsors, policy makers and stakeholders how ARC staff would evaluate the merits of future project solicitation applications. This document is called the [TIP Project Evaluation Framework](#).

The framework lays out a three Key Decision Point (KDP) process for evaluating project applications. First, ARC initiates a call for projects. In KDP1, ARC staff use a set of filters to remove projects that do not match regional policy. Next, ARC staff technically evaluate the remaining projects as part of KDP2. After projects are evaluated and scored, ARC staff, project sponsors, and policymakers consider any final factors that cannot be accounted for in a technical exercise. KDP3 is meant to recognize that solely using performance-driven decision-making can sometimes overlook important factors that can lead to vital projects being left out of the TIP. Finally, ARC staff allocate funding to the recommended projects. A flow chart of the process is illustrated below. More information on each individual step is available in the full TIP Project Evaluation Framework.

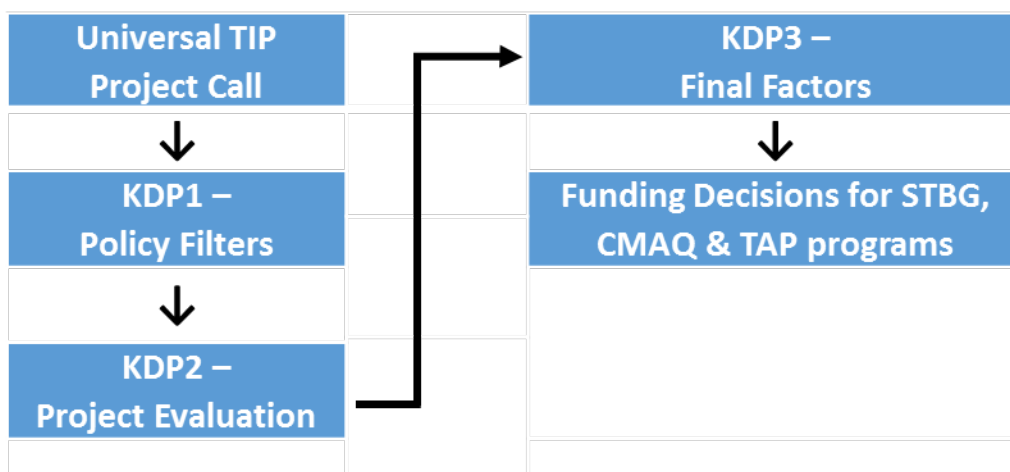


Figure 1 – Key Decision Points in the ARC Solicitation Process

The following subsections of this chapter describe how the KDP framework was applied to the 2019 TIP solicitation and the variations from prescribed methods.

Universal TIP Project Call

The application process opened in late Summer 2019 with applications due on October 11, 2019. Local governments submitted projects through a web-based application that synched with the TIP Project Evaluation Framework technical requirements to ensure performance data would be delivered to ARC to aid in evaluation, reducing the back-and-forth conversations with local governments after the call closed.

KDP1 – Policy Filters & Application Review

During the KDP1 process, some applications were identified as being more appropriate for study or scoping funds. ARC staff notified project sponsors, and received consent, ahead of removing projects ahead of the technical evaluation phase of the solicitation. In total, application review, clean-up, sponsor follow-up and KDP1 analysis required four months of ARC staff time.

KDP2 – Project Evaluation

Project evaluation was carried out from December 2019 to March 2020 using the methodologies described in the TIP Project Evaluation Framework. There were certain instances that ARC staff had to deviate from prescribed methodologies described in the TIP Evaluation Framework due to data availability, variations in projects submitted by sponsors, or lack of clarity in ARC guidance. These deviations are listed below and will be addressed in a future version of the TIP Project Evaluation Framework where necessary:

- Social Equity metric
 - Our equity analysis now applies an [Environmental Justice \(EJ\) model](#) rather than the Equitable Target Areas model. The EJ model still considers racial minority, ethnic minority, and low-income populations, but moves away from the index methodology used in 2012 to a standard deviation scoring method.
- Environmental Improvement metric
 - Our scoring relied on the expertise of professional staff to evaluate the efficacy of environmental mitigation factors provided by sponsor. ARC will move forward to provide clearer guidance for this metric and develop a more objective methodology for evaluation.
- Transit Expansion: Mobility metric
 - This metric is based solely on the new trips each project would generate on its own and does not include a Regional Trips score as our models did not consider this factor. Scores were reweighted to only consider project-based trips.
- Transit Asset Management: Miles Between Mechanical Issues metric
 - This metric was not considered for several transit assets in the Asset Condition category that are repairing or creating buildings or facilities. Scores were reweighted to not penalize any projects.
- Roadway Expansion: Mobility metric
 - The Δ TTI metric could not be scored for projects that are creating new road alignments as there is no initial TTI to measure. Scores were reweighted to not penalize any projects.
- Roadway TSM&O: Mobility metric
 - The Δ VHD metric could not be scored for projects that involved connected signal or other types of intelligent transportation system (ITS) technologies. Scores were reweighted to not penalize any projects. ARC will work to develop a methodology to better evaluate signal and ITS projects.

Overall, ARC staff are confident that enough data and metrics were utilized to fairly evaluate projects in the KDP2 process. Appendix A and Appendix B illustrate the scores for all projects by performance criteria.

Livable Centers Initiative (LCI) Projects

Projects within LCI area were evaluated under the KDP1 and KDP2 process, however, an additional scoring process was undertaken to evaluate LCI-eligible projects, using measures and metrics identified in the TIP Project Evaluation Framework. Those scores are available as Appendix C.

KDP3 – Final Factors

All projects passing through the KDP2 process were then examined by ARC staff, policymakers, and local sponsors to determine the best mix of projects for the region. Projects were scrutinized for uncaptured benefits, deliverability, regional continuity, social equity, and geographic distribution before staff finalized project funding recommendations.

Funding Awards

After extensive analysis and conversation with policymakers, stakeholders and local project sponsors, ARC staff are pleased to make the following funding recommendations for projects in the TIP. The following sections are broken out by project type: bike & pedestrian, trail, roadway asset management, roadway expansion, roadway transportation system management and operations, transit asset management, transit expansion, and miscellaneous emissions projects. A map of all solicitation projects receiving funding is available in Appendix C.

Bicycle and Pedestrian Projects

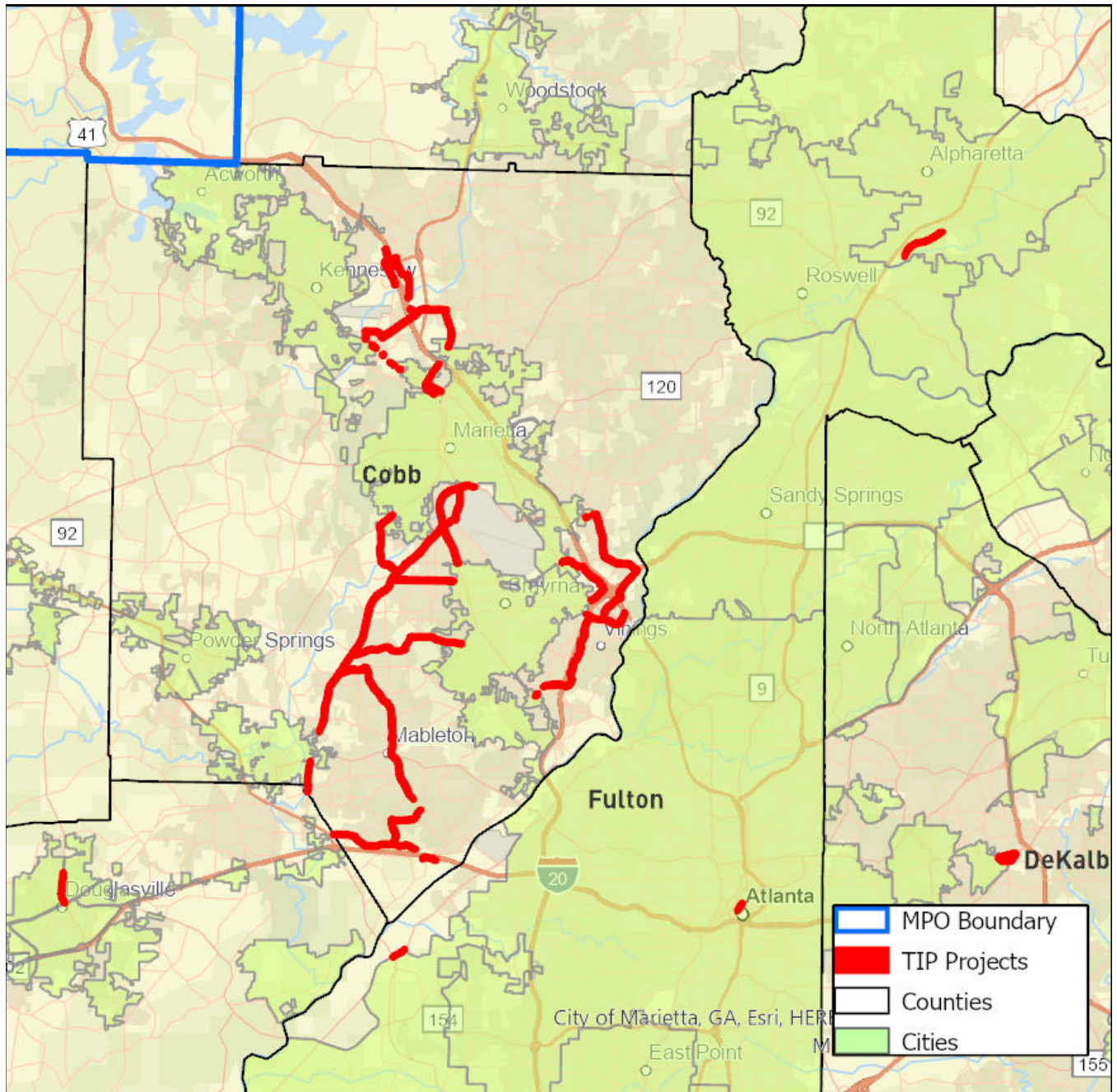
Bicycle and Pedestrian projects encompass active mode improvements to facilities that can be used by cyclists and pedestrians. They were evaluated using the same methodology and scored within the same category. These projects can include adding bike lanes, building new sidewalks, or implementing road safety improvements aimed at enhancing the experience of active mode users across the region. Active transportation projects improve our air quality, reduce congestion by taking people out of their cars, and help to build walkable communities in the Atlanta region's numerous town and activity centers. The majority of these (5 of 7) were funded through the LCI program (see Appendix C for more info).

Many elements of active transportation are included in other roadway project types, therefore this list is not inclusive of all recommended pedestrian and bicycle improvements funding via this TIP solicitation.

Table 2 – Bike and Pedestrian Project Fund Awards

ARC ID	Application ID	Project Title	KDP2 Rank	Funds Awarded
AT-376	ADID-01	South Downtown Pedestrian Safety Enhancements	High	\$2,800,000
FN-179	Alpharetta01	North Point Parkway LID Streetscape Enhancements and Complete Streets Upgrade	Medium	\$6,600,000
CO-476	CO-520	ADA Compliant Sidewalk Improvement	High	\$800,000
DK-458	DK-03	Kensington MARTA Station Trail and Road Diets	Medium	\$8,400,000
DO-303	DOU-01	Dallas Highway Corridor Improvements	Low	\$5,800,000
FS-349	FIB-01	Fulton Industrial Boulevard Pedestrian Enhancements and Intersection Improvement	Medium	\$2,880,000
GW-408	GW-408	CS 1086/MORENO ST FROM W MAIN ST TO E MAIN ST IN BUFORD	Low	\$2,264,410
Total				\$29,544,410

Map 1 – Bike and Pedestrian Funded Solicitation Projects



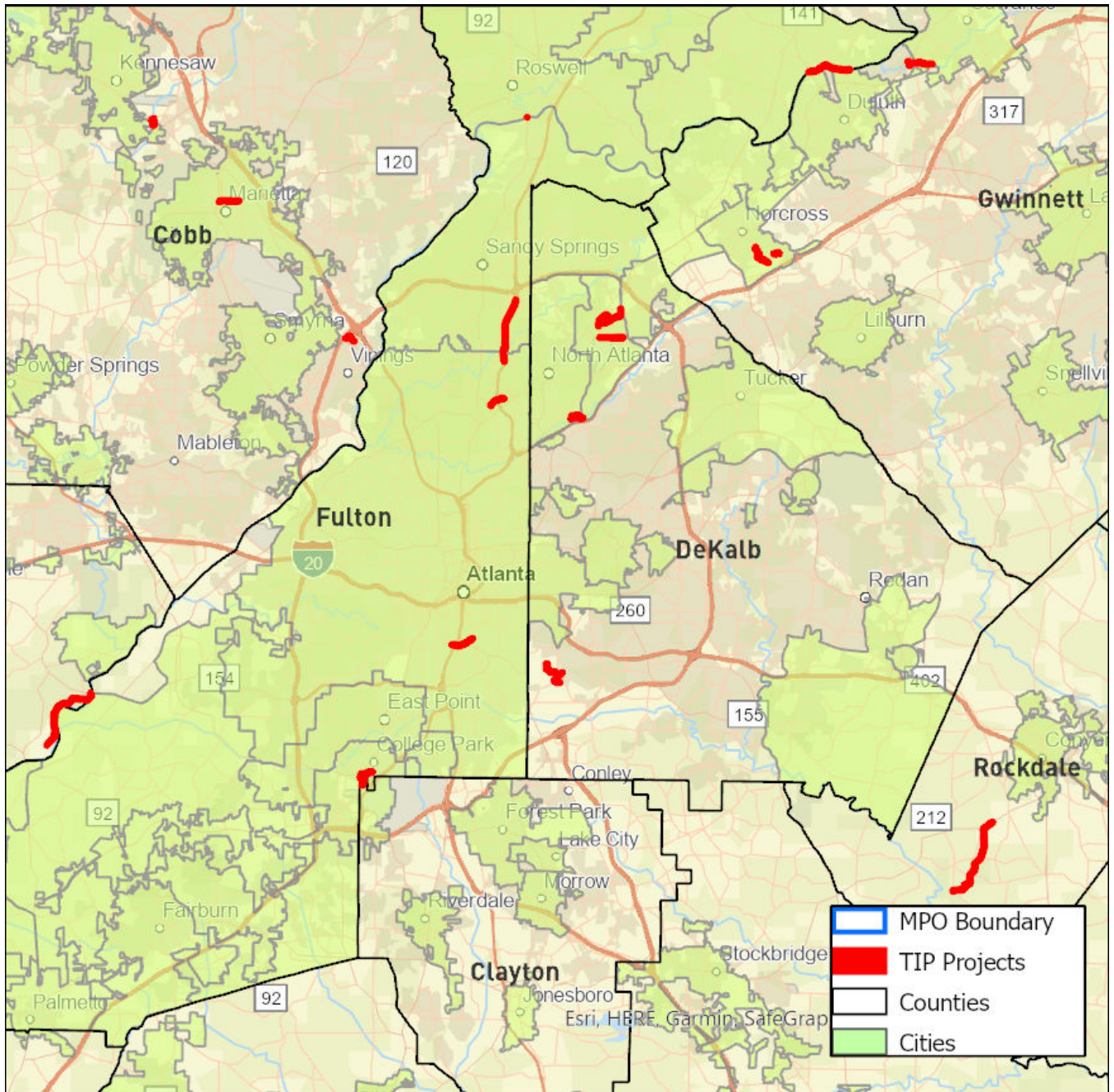
Trail Projects

Trail projects encompass multi-use trails that are off-road or parallel to roadway facilities that can be used by cyclists and pedestrians. Project sponsors submitted projects that created new or enhanced local and regional connections. These projects were evaluated on how well they help complete the [Regional Trail Vision](#) and developing a multi-use trail network that will connect the entire region.

Table 3 – Trail Project Fund Awards

ARC ID	Application ID	Project Title	KDP2 Rank	Funds Awarded
AR-450C	AR-450C1	Atlanta BeltLine Southside Trail	High	\$4,000,000
AT-307B	AT-307B	PATH400 Trail Extension from Loridans Drive to Sandy Springs City Limit	High	\$3,236,000
AT-378	BCID-03	Lenox Road Complete Street Phase III	Medium	\$4,000,000
CO-472	CO-472	Mableton Parkway Trail, Phase 2	High	\$4,320,000
CO-474	Cumberland-02	Cumberland Multi-Modal, Seg C	Medium	\$6,440,000
CO-480	MAR-01	North Marietta Parkway Multi-Use Trail and Streetscape Project	Medium	\$320,000
CO-481	NCT-CC-2019	Noonday Creek Trail Crossing of US41/ Cobb Parkway	High	\$5,196,102
DK-454	BKHVN 2019-01	Peachtree Creek Greenway Phase III	High	\$2,600,000
DK-453	CHA-01	City of Chamblee Rail Trail Extension	Medium	\$4,180,000
DK-455	DK-02	South River Multi-Use Trail Extension	Low	\$4,880,000
DK-456	CHA-02	Chamblee Tucker Road Multi-Use Path	Medium	\$403,200
DO-298	DO-298	CHC Regional Greenway Trail - Douglas County Extension	Low	\$8,160,000
FN-253	FN-253	SR 9 (ROSWELL ROAD / ATLANTA STREET) PEDESTRIAN IMPROVEMENTS	Medium	\$2,000,000
FN-304	SAN-01	SR 400 Multi-Use Trail	High	\$7,652,000
FN-308	JC-02	Chattahoochee Greenway	Medium	\$1,480,000
FS-280	FS-280	Global Gateway Connector	Medium	\$7,057,645
GW-430	GW-WGSPUR	Western Gwinnett Bikeway - Suwanee Creek Spur	Medium	\$1,700,000
RO-260	RO-2	Greenway Trail/Sidepath	Low	\$200,000
			Total	\$67,824,947

Map 2 – Trail Funded Solicitation Projects



Roadway Asset Management Projects

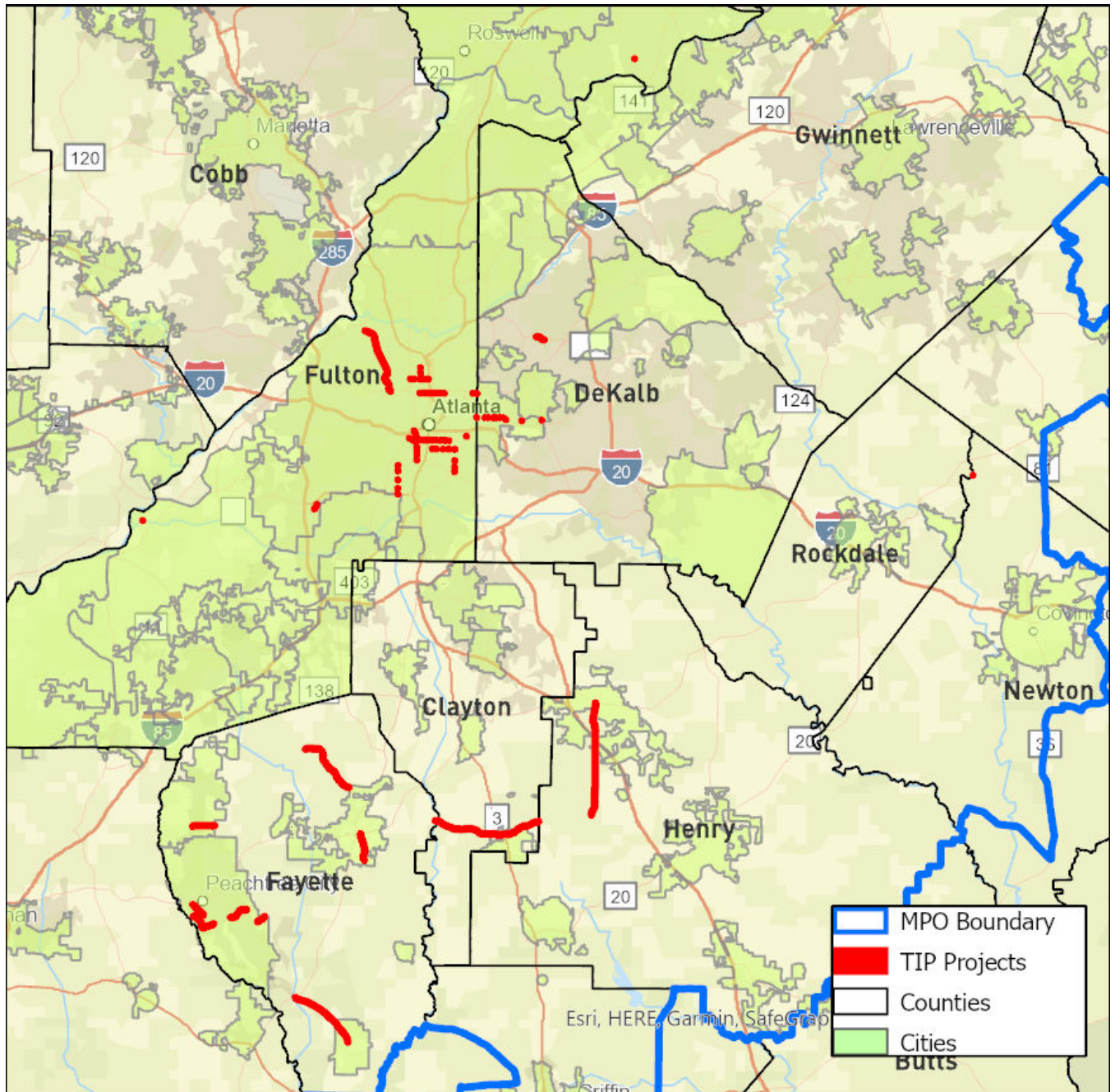
Maintaining a state of good repair and ensuring that resiliency of the transportation system in the event of extreme weather or unexpected events is a key goal of the Atlanta Region’s Plan. Project sponsors submitted a variety of projects to improve or repair existing roadways, bridges, and traffic signal assets. These projects ensure for the reliability of the transportation system and help protect past investments made in our transportation system by extending their useful life.

Table 4 – Roadway Asset Management Project Fund Awards

ARC ID	Application ID	Project Title	KDP2 Rank	Funds Awarded
AT-373	ATL-01	Marietta Blvd Road Reconstruction	High	\$750,000
AT-320*	ATL-09	Signal Enhancement Projects I	High	\$2,037,325
AT-377*	ATL-10	Signal Enhancement Projects II - Various Segments	Medium	\$4,392,800
CL-920M	CL-920	McDonough Road Pavement Rehabilitation	Low	\$2,625,000
DK-457	DK-01	North Druid Hills bridge replacement over CSX Railroad	Medium	\$9,320,000
FA-100C*	FA-02	Fayette County Resurfacing Projects	Low	\$168,206
FS-286C	FS-286C	South Fulton Bridge Replacement	Low	\$2,307,732
HE-920M	HE-01	Jonesboro Road Resurfacing	Medium	\$2,100,000
FN-349	JC-03	Buice Road Bridge Replacement	Low	\$1,920,000
NE-110	NE-03	Dial Mill Road @ Little Haynes Creek Bridge Replacement	Low	\$413,322
			Total	\$26,034,385

*These projects were split into multiple corridor segments during evaluation. Scores for each segment can found in Appendix A.

Map 3 – Roadway Asset Management Funded Solicitation Projects



Roadway Expansion Projects

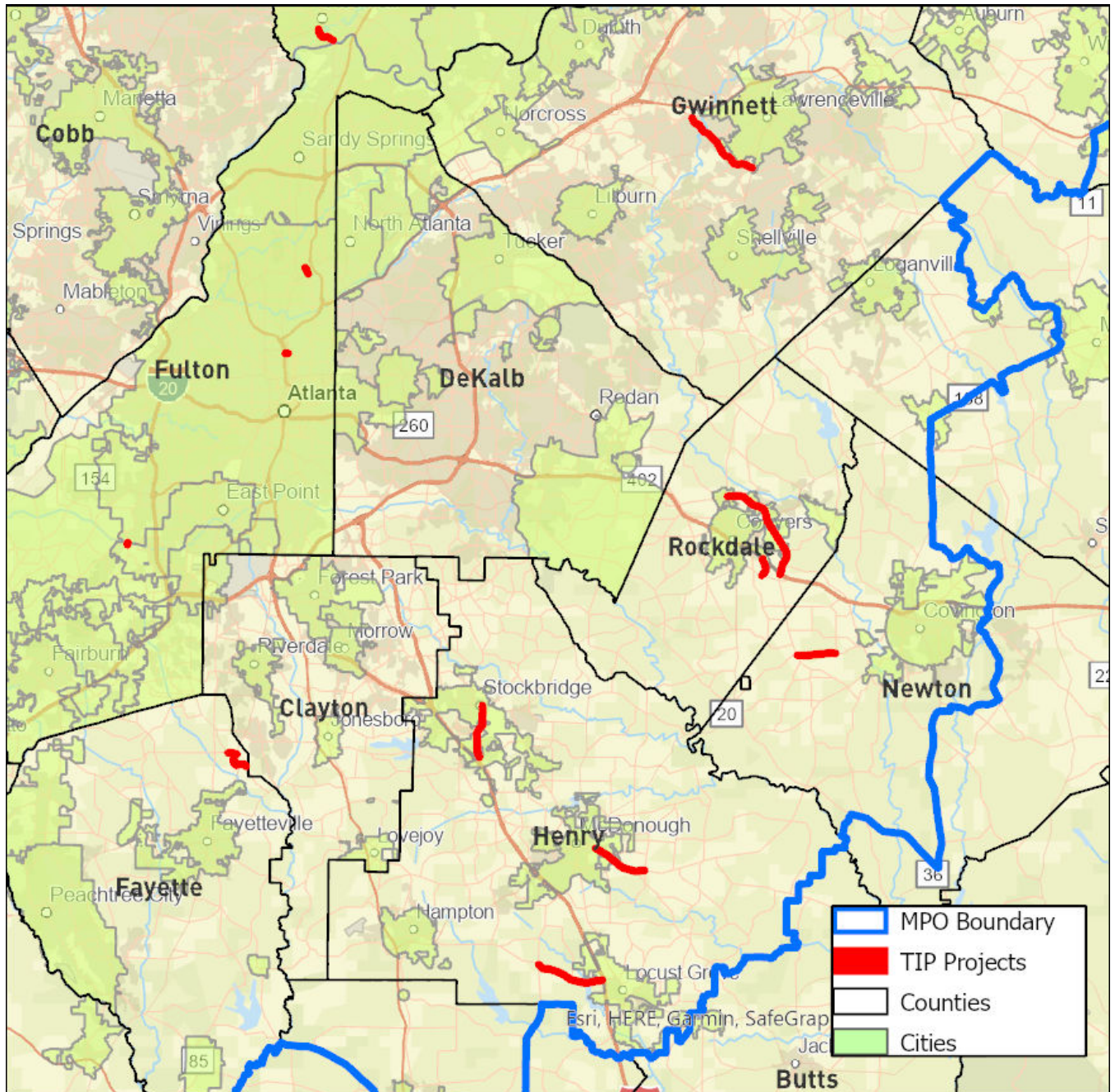
Ensuring the mobility of people and goods is a key goal of the [Atlanta Region's Plan](#). One method to improve mobility is to ensure that there is adequate capacity on key regional freeways and arterials. When paired with land use planning and access management, widening roads, building new roads, and providing new access points to existing freeways can help reduce congestion, improve travel time reliability, and ensure the mobility of freight; allowing goods to reach markets across the southeast.

Unless on a limited access highway, roadway expansion projects are required to be multimodal in nature, and when designed to a high standard can help improve access to transit and provide mobility for cyclists and pedestrians. Of the 26 roadway projects submitted funded in the TIP solicitation, 23 had complete streets components geared at building or improving bicycle lanes, sidewalks or multi-use trails. 12 of the 13 projects awarded funding have multimodal components integrated into their planning.

Table 5 – Roadway Expansion Project Fund Awards

ARC ID	Application ID	Project Title	KDP2 Rank	Funds Awarded
AT-306	AT-306	15th Street Extension Project	High	\$2,023,456
AT-303	BCID-01	Piedmont Road Corridor Road Widening	Medium	\$6,050,000
DO-220A	DO-220A	Lee Road: Segment 2 - Widening	High	\$6,400,000
FA-279	FA-01	Alignment of SR 279 with Corinth Road	Medium	\$198,772
FN-269	FN-269	SR 9 (ATLANTA STREET) REVERSIBLE LANE REMOVAL AND WIDENING	Medium	\$8,000,000
FS-215	FS-215	PI# 0016063 Welcome All Road @ SR 6 (Camp Creek Parkway) Intersection and Realignment	Medium	\$4,915,054
GW-429	GW-SLF6L	Sugarloaf Parkway Widening	High	\$750,000
HE-005	HE-005	SR 81 Widening Phase I	Medium	\$7,000,000
HE-126B-SCP	HE-126B	Bill Gardner Parkway Widening	Low	\$937,500
HE-161A	HE-161A	Rock Quarry Widening	High	\$7,000,000
NE-109	NE-109	Brown Bridge Road Widening	Low	\$280,000
RO-235E1	RO-235E1	Sigman Road Widening - Phase IV	Low	\$280,000
RO-243	RO-243	Courtesy Parkway Extension I-20 Non-Access Crossing from Old Covington Highway to Flat Shoals Road	Medium	\$8,570,000
Total				\$52,404,782

Map 4 – Roadway Expansion Funded Solicitation Projects



Roadway Transportation System Management and Operations (TSM&O) Projects

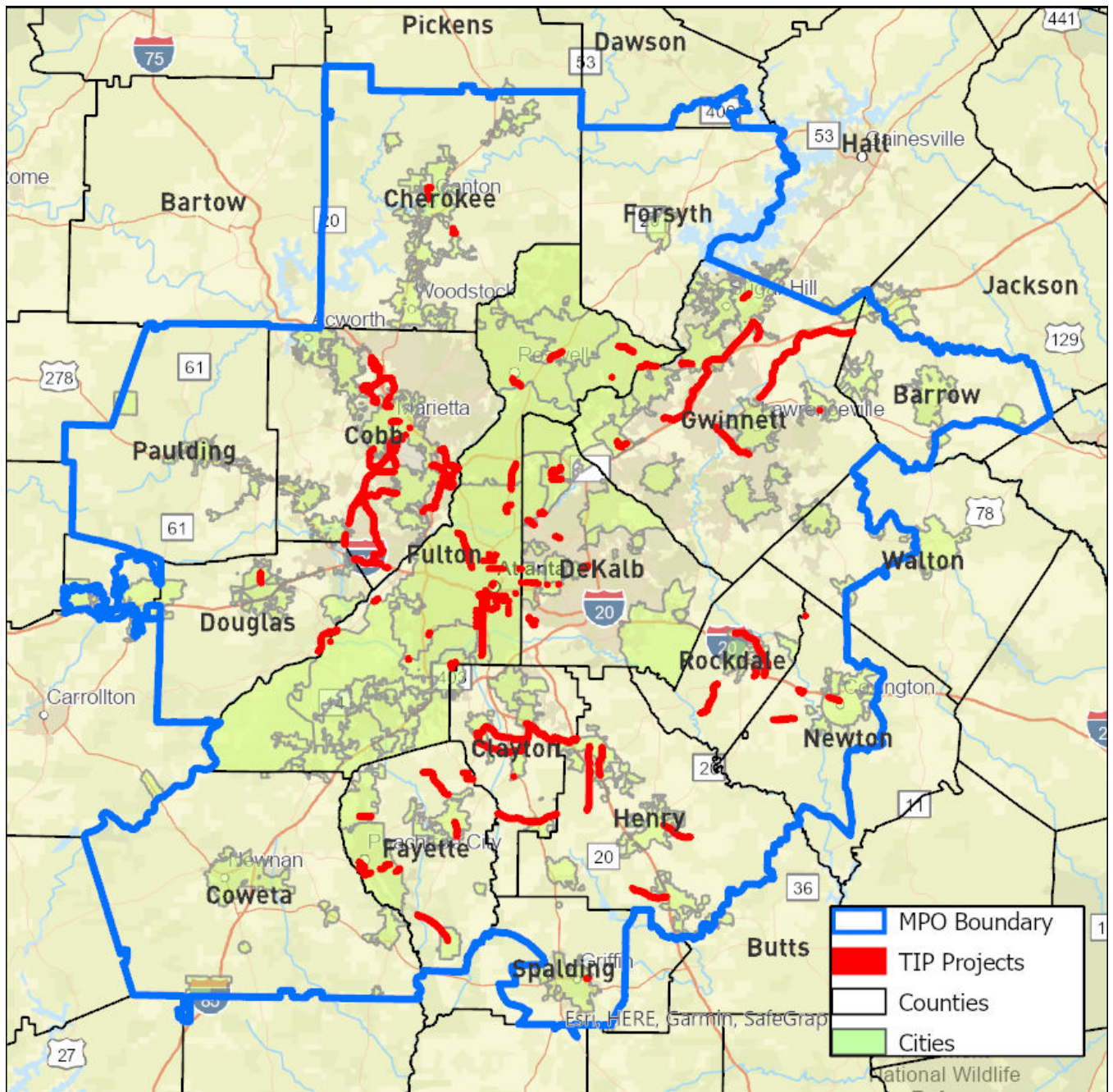
Whenever feasible, it is preferable to address congestion and mobility with TSM&O improvements rather than roadway expansion to avoid environmental and community impacts, high costs, and make efficient use of existing roadway facilities. In these situations, a variety of operational or technological improvements can be applied to reduce congestion and improve traffic flow. Projects that add turning capacity, upgrade traffic signal technology, implement roundabouts or add signals (for example) can help ease congestion, improve air quality and improve safety without the high financial or social costs associated with a roadway widening project.

Like the roadway expansion projects, TSM&O projects submitted by sponsors are often multimodal in nature, and when designed to a high standard can help improve access to transit and provide mobility for cyclists and pedestrians. Of the 24 roadway TSM&O projects submitted by applicants in the TIP solicitation, eight had multi-modal components geared at building or improving bicycle lanes, sidewalks or multi-use trails. Five of the 12 projects awarded funding have multimodal components integrated into their planning.

Table 6 – Roadway TSM&O Project Fund Awards

ARC ID	Application ID	Project Title	KDP2 Rank	Funds Awarded
CH-140A	CANT-01	Hwy 140 & Riverstone Parkway/Marietta Hwy Intersection Improvements	Medium	\$272,320
CH-140B	CH19-01	SR 140 at Univeter Road Intersection Operational Improvements	Medium	\$320,000
CH-349	CANT-02	Hwy 140 & Reinhardt College Parkway Intersection Improvements	Medium	\$1,757,911
CO-475	CO-110	Dallas Highway & Mars Hill Road intersection improvements	Medium	\$2,680,000
CO-473	CO-473	Old 41 Hwy	Medium	\$2,400,000
DK-382	DK-382	I-85 North Interchange Improvements at SR 42 (North Druid Hills Road)	Medium	\$3,500,000
FN-287	FN-287	SR 120/Abbotts Bridge Rd from Parsons to Medlock	Medium	\$3,200,000
GW-426	GW-ITSA	ITS Expansion on SR 124/Braselton Highway Phase 1	Low	\$2,320,000
GW-427	GW-ITSD	ITS Expansion Singleton Road/South Norcross Tucker Road/Steve Reynolds Boulevard	Low	\$1,200,000
NE-105	NE-105	Crowell Road/Almon Road Access Road	Medium	\$1,920,903
NE-111	CID-278	Phase 1 - Hwy 278 CID Master plan	Medium	\$1,012,800
SP-100	SP-100	Solomon Street @ Searcy Ave/Spalding St/High Falls Rd Intersection Improvement	Medium	\$2,357,706
			Total	\$22,941,640

Map 5 – Roadway TSM&O Funded Solicitation Projects



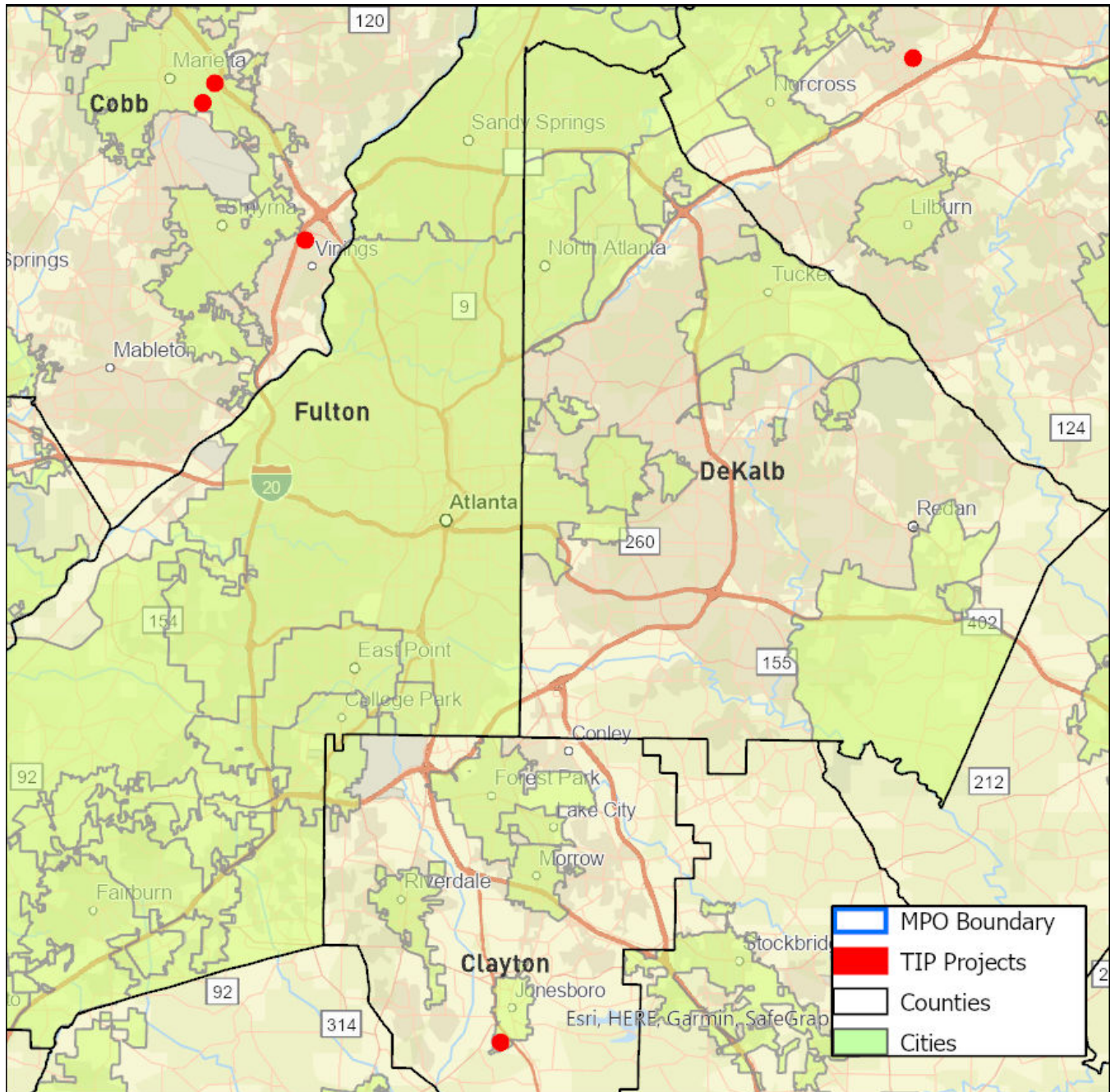
Transit Asset Management Projects

Maintaining our region's transit systems involves upgrading and expanding the vehicle fleet, repairing facilities, and standard state of good repair projects to protect past investments made in our transit systems by extending their useful life. Project sponsors submitted projects to purchase new buses, expand bus transfer facilities, and repair and upgrade maintenance facilities.

Table 7 – Transit Asset Management Project Fund Awards

ARC ID	Application ID	Project Title	KDP2 Rank	Funds Awarded
AR-550	AR-550	Xpress Replacement Buses	Medium	\$21,000,000
CO-554	CO-550	Marietta Transfer Center	Medium	\$3,550,000
CO-477	CO-551	Cumberland Transfer Center	Medium	\$1,600,000
CO-478	CO-552	Marietta Maintenance Facility	High	\$1,600,000
GW-425	GW-BUSD	Gwinnett Transit Center Area Facilities	Medium	\$800,000
M-AR-274B2	M-AR-274B2	MARTA Clean Bus Procurement	High	\$4,980,000
M-AR-453	MARTA-02	Clayton Transit Center (Justice Center)	Low	\$5,000,000
			Total	\$38,530,000

Map 6 – Transit Asset Management Funded Solicitation Projects



*Bus replacements projects are not shown on the map

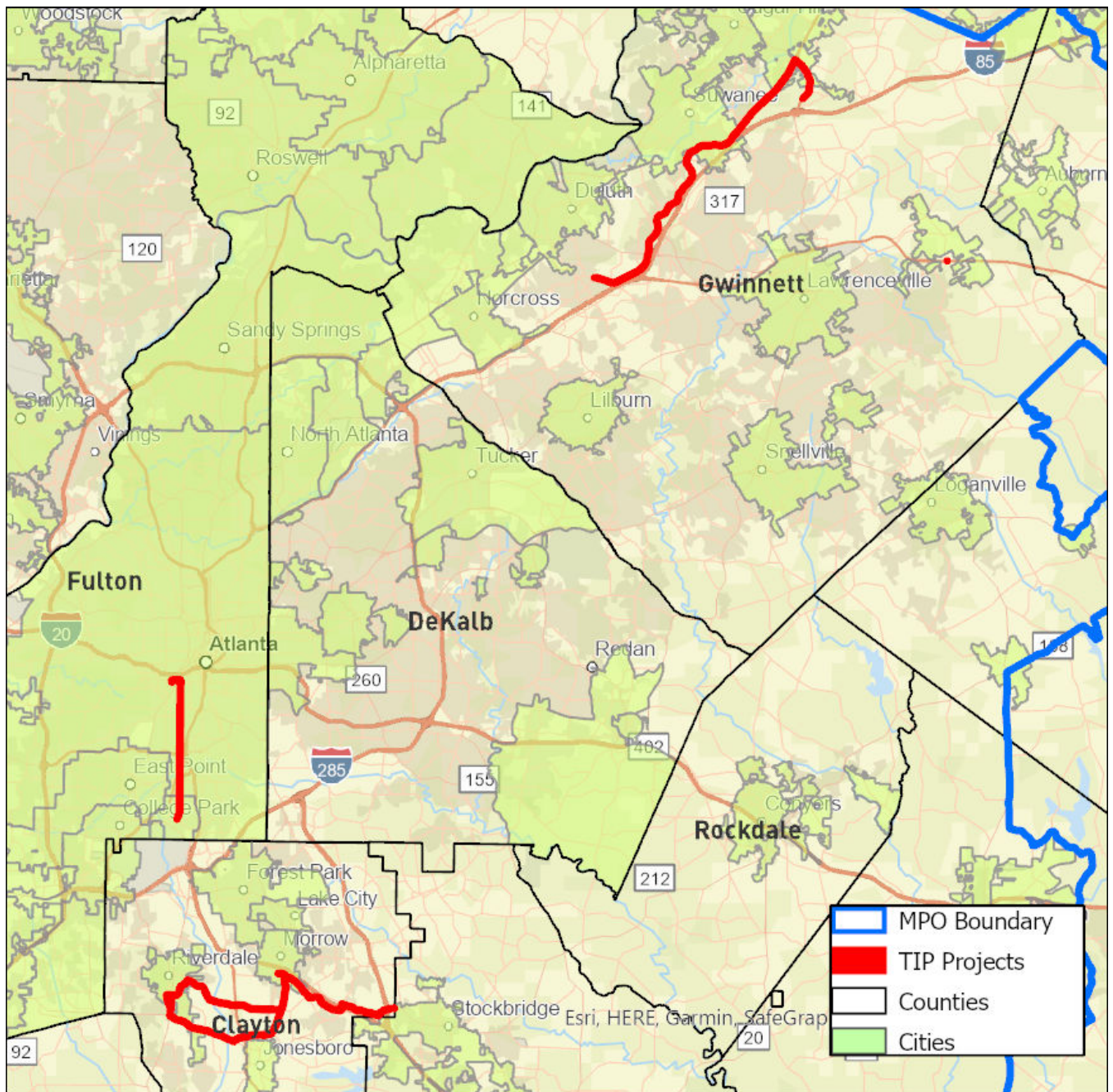
Transit Expansion Projects

Expanding the footprint and quality of the regional transit system are key goals outlined in the Atlanta Region's Plan. A robust transit system helps ensure system resiliency, reduces congestion by taking cars off the road, helps improve air quality, and connects people to jobs. ARC received five projects that would enhance current routes, create brand new routes, or lay the foundation of future commuter routes by building park and ride lots. Four of these projects met performance criteria for funding.

Table 8 – Transit Expansion Project Fund Awards

ARC ID	Application ID	Project Title	KDP2 Rank	Funds Awarded
GW-423	GW-BUSA	Route 50 Vehicle Expansion	Medium	\$2,500,000
GW-424	GW-BUSB	Route 50 Local Service Expansion	Medium	\$5,912,499
GW-428	GW-PNR1	Harbins Road Park & Ride Lot	Low	\$5,000,000
M-AR-451	MARTA-03	Metropolitan Parkway BRT	High	\$5,000,000
M-AR-452	MARTA-04	Clayton County Bus Routes 197 and 198	High	\$6,000,000
			Total	\$24,412,499

Map 6 – Transit Expansion Funded Solicitation Projects



Miscellaneous Emissions Projects

Certain projects have air quality benefits that make them eligible for federal CMAQ funds but are not easy to categorize into specific project types. They are evaluated on an individual basis as a Miscellaneous Emissions project. Using our CMAQ Calculator or by ad-hoc techniques developed by ARC staff. ARC received a project to replace old school buses, and a project to install transit signal priority technology. The school bus replacement project in Rockdale County was funded.

Table 9 – Miscellaneous Emissions Project Fund Award

ARC ID	Application ID	Project Description	KDP2 Tier	Amount Awarded
RO-261	RO-01	School Bus Replacement Project	--	\$532,000
			Total	\$532,000

Studies

ARC also awarded funding to a variety of planning and project feasibility studies. These studies include scoping studies for projects to be included in future solicitations for funding consideration. Studies were evaluated through a more qualitative process than the infrastructure applications using criteria detailed in the TIP Evaluation Framework, including study need, alignment with RTP and regional goals, equity and ability and commitment to implement. Below is the list of studies receiving funding. All studies are listed under ARC ID AR-038-2123 – Regional Transportation Planning Study (RTPS) Program.

Table 10 – Studies Awarded Funding

Application ID	Project Title	Funds Awarded	
ATL-02	Atlanta Vision Zero Plan	\$400,000	
BC-19-01	SR316 Access Management Plan Study	\$280,000	
CO-474	Cobb Parkway (US 41/SR3) at Windy Hill Road Grade Separation	\$320,000	
CO-510	Austell-Powder Springs Trail	\$240,000	
CO-511	Noonday Creek Trail Extension Scoping	\$240,000	
CW-03	Southwest Bypass (Phase 1) Scoping Study	\$320,000	
DAL-02	Dallas Trail, Phase 3 - Silver Comet Connection	\$80,000	
DK-04	North Druid Hills Scoping Study	\$320,000	
DK-06	Redan Road	\$320,000	
DK-07	South River Multiuse Trail Extension	\$200,000	
DOR-01	Shallowford Road Project	\$80,000	
FAY-01	People to Parks feasibility study	\$200,000	
GW-TRLPP	Piedmont Pathway Multiuse Trail Study	\$240,000	
LOG-01	City of Loganville Traffic Study	\$240,000	
PA-006A	SR 6 Planning / scoping study	\$200,000	
SAN-02	SR 9/Roswell Road Access Management Study	\$320,000	
STO-01	Stockbridge Downtown Pedestrian and Bicycle Connectivity Project	\$125,000	
		Total	\$4,125,000

Funded Solicitation Project Performance

ARC awarded a total of \$260 million as part of this solicitation between infrastructure projects, studies, and additional funding for existing projects. The 2019 project solicitation represents ARC’s second effort to holistically evaluate TIP projects through a multi-criteria framework. It represents a continuing iteration on using data-driven measures to score and rank projects, and this process will continue to be iterated on and improved over the years. Key criteria were used in evaluating projects as outlined in the TIP Project Evaluation Framework. A direct result of this process is the availability of more data to inform decision-making on the selection of projects that help meet regional and State transportation goals.

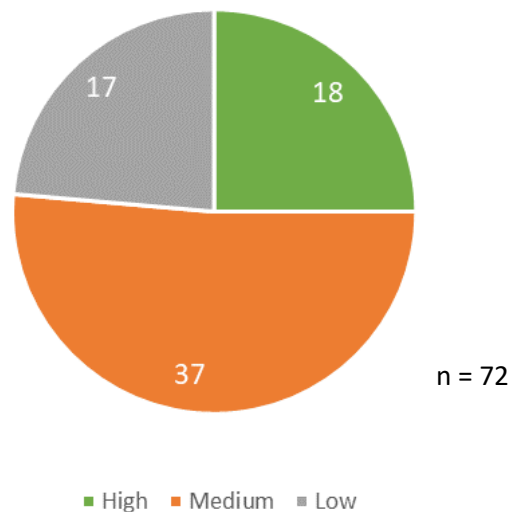
Performance Tiers

Staff classified projects into KDP2 recommendation tiers based on a combination of their multi-criteria performance scores and a mobility-focused cost effectiveness measure using the methodology outlined in Table 11. ² Figure 2 shows the number of funded projects based KDP2 Recommendation.

Table 11 – Project Tiers and Final KDP2 Recommendations

Tier	Performance Score	Cost-Effectiveness or B/C	KDP2 Recommendation
1	High	High	High
2	Low	High	Medium
3	High	Low	Medium
4	Low	Low	Low

Funding by Project Performance



² The mobility-focused cost effectiveness metric varied by project type but considered information related to either congestion reduction or the expected number of users per million dollars invested in the project.

Figure 2 – Funding by Project Performance

ARC staff and decision-makers use project performance and cost-effectiveness to guide which infrastructure projects are chosen for funding. Other factors such as regional equity, project deliverability, and continuity with previously funded projects. 78% of the funding allocated went to projects in performance tiers 1, 2 and 3 whereas tier 4 projects were allocated 22% of the funding.

Funding by Local Priority

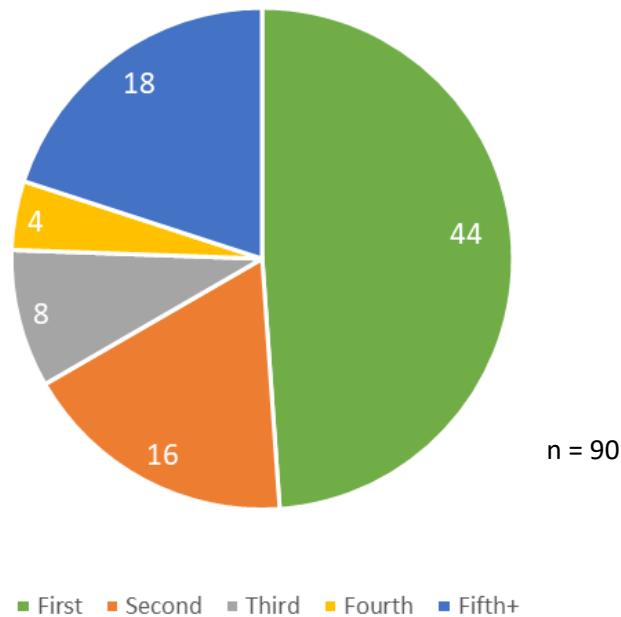


Figure 3 – Funding by Local Priority

Ensuring ARC works closely with local government staff to select projects that are a high priority for local jurisdictions is another important indicator of the TIP solicitation’s performance. Figure 3 illustrates the local priority of projects awarded funding. Each local government was asked to prioritize applications from 1-5, with projects they rated a 1 being their highest priority. 65% of the awarded went to projects local project sponsors consider their top priority.

Addressing Social Equity

Ensuring a fair and equitable transportation system is a key goal associated with the Atlanta Region’s Plan. Transportation assets should be sensitive to the needs of low-income and minority communities to support federal equity programs as well as ARC’s goals associated with Environmental Justice (EJ) communities. The analysis looks at the populations of racial minorities, ethnic minorities, and those living in poverty for each Census tract in the Atlanta region. These three factors are each scored on a 0-4 scale, and then added together. Projects that are located wholly or majority within Census tracts that are valued 7 or higher were considered EJ tracts for this analysis.

Of the 130 infrastructure applications submitted there were 83 projects serving EJ communities, and there are 49 projects serving EJ communities recommended for funding. These projects represent 67% of the awarded projects and account for 63% of the awarded funding. Table 12 illustrates the projects recommended for funding that support EJ communities in the Atlanta region.

Table 12 – Projects Awarded Funding that Serve an EJ Community

ARC ID	Project Type	Project Title	Sponsor	Funds Awarded
AT-376	Bicycle & Pedestrian	South Downtown Pedestrian Safety Enhancements	Atlanta	\$2,800,000
CO-520	Bicycle & Pedestrian	ADA Compliant Sidewalk Improvement	Cobb County	\$800,000
DK-458	Bicycle & Pedestrian	Kensington MARTA Station Trail and Road Diets	DeKalb County	\$8,400,000
DO-303	Bicycle & Pedestrian	Dallas Highway Corridor Improvements	Douglasville	\$5,800,000
FN-179	Bicycle & Pedestrian	North Point Parkway LID Streetscape Enhancements and Complete Streets Upgrade	Alpharetta	\$6,600,000
FS-349	Bicycle & Pedestrian	Fulton Industrial Boulevard Pedestrian Enhancements and Intersection Improvement	South Fulton/Fulton Industrial CID	\$2,880,000
GW-408	Bicycle & Pedestrian	CS 1086/MORENO ST FROM W MAIN ST TO E MAIN ST IN BUFORD	Buford	\$2,264,410
AR-450C	Multiuse Trail	Atlanta BeltLine Southside Trail	Invest Atlanta	\$4,000,000
CO-472	Multiuse Trail	Mableton Parkway Trail, Phase 2	Cobb County	\$4,320,000
CO-474	Multiuse Trail	Cumberland Multi-Modal, Seg C	Cobb County	\$6,440,000
CO-480	Multiuse Trail	North Marietta Parkway Multi-Use Trail and Streetscape Project	Marietta	\$320,000
DK-453	Multiuse Trail	Chamblee Rail Trail Extension	Chamblee	\$4,180,000
DK-454	Multiuse Trail	Peachtree Creek Greenway Phase III	Brookhaven	\$2,600,000
DK-455	Multiuse Trail	South River Multi-Use Trail Extension	DeKalb County	\$4,880,000
DK-456	Multiuse Trail	Chamblee Tucker Road Multi-Use Path	Chamblee	\$403,200
FN-253	Multiuse Trail	SR 9 (ROSWELL ROAD / ATLANTA STREET) PEDESTRIAN IMPROVEMENTS	Roswell	\$2,000,000
FS-280	Multiuse Trail	Global Gateway Connector	College Park	\$7,057,645
RO-260	Multiuse Trail	Greenway Trail/Sidepath	Rockdale County	\$200,000
AT-320	Roadway - Asset Management	Signal Enhancement Projects I	Atlanta	\$2,037,325
AT-373	Roadway - Asset Management	Marietta Blvd Road Reconstruction	Atlanta	\$750,000
AT-377	Roadway - Asset Management	Signal Enhancement Projects II - Various Segments	Atlanta	\$4,392,800
CL-920M	Roadway - Asset Management	McDonough Road Pavement Rehabilitation	Clayton County	\$2,625,000
FS-286C	Roadway - Asset Management	South Fulton Bridge Replacement	South Fulton	\$2,307,732
HE-920M	Roadway - Asset Management	Jonesboro Road Resurfacing	Henry County	\$2,100,000
DO-220A	Roadway - Expansion	Lee Road: Segment 2 - Widening	Douglas County	\$6,400,000
FA-279	Roadway - Expansion	Alignment of SR 279 with Corinth Road	Fayette County	\$198,772

FN-269	Roadway - Expansion	SR 9 (ATLANTA STREET) REVERSIBLE LANE REMOVAL AND WIDENING	Roswell	\$8,000,000
FS-215	Roadway - Expansion	PI# 0016063 Welcome All Road @ SR 6 (Camp Creek Parkway) Intersection and Realignment	East Point	\$4,915,054
GW-429	Roadway - Expansion	Sugarloaf Parkway Widening	Gwinnett County	\$750,000
HE-005	Roadway - Expansion	SR 81 Widening Phase I	Henry County	\$7,000,000
HE-161A	Roadway - Expansion	Rock Quarry Widening	Henry County	\$7,000,000
NE-109	Roadway - Expansion	Brown Bridge Road Widening	Newton County	\$280,000
RO-235E1	Roadway - Expansion	Sigman Road Widening - Phase IV	Rockdale County	\$280,000
RO-243	Roadway - Expansion	Courtesy Parkway Extension I-20 Non-Access Crossing from Old Covington Highway to Flat Shoals Road	Rockdale County	\$8,570,000
CH-140A	Roadway - TSM&O	Hwy 140 & Riverstone Parkway/Marietta Hwy Intersection Improvements	Canton	\$272,320
CH-140B	Roadway - TSM&O	SR 140 at Univeter Road Intersection Operational Improvements	Cherokee County	\$320,000
CH-349	Roadway - TSM&O	Hwy 140 & Reinhardt College Parkway Intersection Improvements	Canton	\$1,757,911
DK-382	Roadway - TSM&O	I-85 North Interchange Improvements at SR 42 (North Druid Hills Road)	GDOT	\$3,500,000
GW-427	Roadway - TSM&O	ITS Expansion Singleton Road/South Norcross Tucker Road/Steve Reynolds Boulevard	Gwinnett County	\$1,200,000
NE-105	Roadway - TSM&O	Crowell Road/Almon Road Access Road	Newton County	\$1,920,903
NE-111	Roadway - TSM&O	Phase 1 - Hwy 278 CID Master plan	Covington	\$1,012,800
SP-100	Roadway - TSM&O	Solomon Street @ Searcy Ave/Spalding St/High Falls Rd Intersection Improvement	Griffin	\$2,357,706
CO-478	Transit - Asset Management	Marietta Maintenance Facility	Cobb County	\$1,600,000
CO-554	Transit - Asset Management	Marietta Transfer Center	Cobb County	\$3,550,000
M-AR-274B2	Transit - Asset Management	MARTA Clean Bus Procurement	MARTA	\$4,980,000
M-AR-453	Transit - Asset Management	Clayton Transit Center (Justice Center)	MARTA	\$5,000,000
GW-423	Transit - Expansion	Route 50 Vehicle Expansion	Gwinnett County	\$2,500,000
GW-424	Transit - Expansion	Route 50 Local Service Expansion	Gwinnett County	\$5,912,499
M-AR-452	Transit - Expansion	Clayton County Bus Routes 197 and 198	Clayton County	\$6,000,000
			Total	\$165,436,077

CMAQ Performance

The CMAQ program provides access to funds with the specific purpose of helping to improve air quality in nonattainment and maintenance areas as designated by the US Environmental Protection Agency. These projects accomplish that goal by encouraging transit ridership with new or improved service, replacing old buses with cleaner models, and improving vehicle flow on busy corridors.

To allocate CMAQ funds to a project an analysis must demonstrate that the project reduces emissions of key pollutants, PM_{2.5}, NO_x, and VOCs. ARC also calculates reductions in greenhouse gas (GHG) emissions for project evaluation, though GHG reduction is not necessary for the CMAQ program. In total, the selected CMAQ projects were calculated to reduce emissions by the following amounts per year once fully implemented:

Table 13 – Emission Reductions for Selected CMAQ Projects

ARC ID	Project Description	PM _{2.5} (kg/yr)	NO _x (kg/yr)	VOC (kg/yr)	GHG (kg/yr)	Amount Awarded
AR-550	XPRESS BUS MAINTENANCE AND REHABILITATION	930.9	18,175	2891	218,902	\$21,000,000
GW-423	Route 50 Local Service Expansion	6.26	126	356	532,619	\$10,912,498
GW-426	ITS EXPANSION SR 124 (BRASELTON HIGHWAY) - PHASE 1	4.62	122	42	173,031	\$2,320,000
GW-427	ITS EXPANSION - SINGLETON ROAD/SOUTH NORCROSS TUCKER ROAD/STEVE REYNOLDS BOULEVARD	16.24	470	180	789,325	\$1,200,000
M-AR-451	Metropolitan Parkway ART	24.8	391	716	1,105,054	\$5,000,000
MARTA-04	Clayton County Bus Routes 197 and 198	10.72	2	265	355,016	\$6,000,000
M-AR-274B2	MARTA Clean Bus Procurement	268.2	4,942	792	-28,124	\$4,980,000
RO-1	School Bus Replacement	1.5	70	4	57,083	\$1,596,000
Total		1,263	24,296	5,244	3,202,906	\$53,008,498

Appendix A – Performance Scores for All Projects Submitted Bike and Pedestrian Projects

Project ID	Project Description	Mobility	Safety	Connectivity	Multi-modalism	Employment Access	Land Use	Social Equity	Air Quality	CultEnv	Final Score	KDP2 Rec	Funded
AT-376	South Downtown Pedestrian Safety Enhancements	59	55	50	63	63	100	75	58	44	63	High	Yes
FN-179	North Point Parkway LID Streetscape Enhancements and Complete Streets Upgrade	100	57	100	60	60	75	75	71	63	75	Medium	Yes
CO-520	ADA Compliant Sidewalk Improvement	--	20	100	20	20	100	100	--	25	45	High	Yes
DK-458	Kensington MARTA Station Trail and Road Diets	35	56	50	34	34	50	75	27	19	44	Low	Yes
DO-303	Dallas Highway Corridor Improvements	12	54	50	65	65	50	75	7	--	45	Medium	Yes
FS-349	Fulton Industrial Boulevard Pedestrian Enhancements and Intersection Improvement	23	43	50	49	49	25	75	12	0	39	Medium	Yes
GW-408	CS 1086/MORENO ST FROM W MAIN ST TO E MAIN ST IN BUFORD	3	54	50	41	41	25	100	2	44	40	Low	Yes
ATL-06	Boulevard South Complete Streets (SA-10)	36	56	100	34	34	100	100	25	--	58	Medium	
Alpharetta-02	Haynes Bridge Road AlphaLoop Connection	88	32	--	55	55	25	75	54	--	43	Medium	
Cumberland-01	Cobb Parkway Pedestrian Bridge	52	46	--	41	41	75	75	24	25	42	Low	
DAL-01	SR 61 from SR 6BU to CS 811/Cooper Place Pedestrian and Streetscape Improvements	45	54	--	58	58	25	50	29	44	40	Medium	
DK-376	SR 141 (Peachtree Road) Pedestrian Improvements from North Druid Hills Road to Ashford Dunwoody Road	100	57	--	80	80	75	25	100	25	74	High	
DUN-03	Winters Chapel Shared Use Path Phase 2	44	55	--	57	57	50	25	36	19	39	Medium	
FAI-01	Broad Street/US 29/SR 14 Improvements Phase II	64	32	100	45	45	50	75	39	44	57	High	
GW-384	Western Gwinnett Bikeway Extension - Segment 1	57	17	100	43	43	75	50	41	25	52	Medium	
Powder Springs-02	Trail Connections from Downtown Park to Silver Comet Trail	17	54	50	47	47	50	50	12	25	41	Medium	

Trail Projects

Project ID	Project Description	Mobility	Safety	Connectivity	Multi-modalism	Employment Access	Land Use	Social Equity	Air Quality	CultEnv	Final Score	KDP2 Rec	Funded
AR-450C	Atlanta BeltLine Southside Trail	100	100	100	100	100	25	100	61	69	87	High	Yes
AT-307B	PATH400 Trail Extension from Loridans Drive to Sandy Springs City Limit	74	75	100	33	100	25	0	66	46	60	High	Yes
AT-378	Lenox Road Complete Street Phase III	78	50	0	33	100	25	25	64	59	46	Medium	Yes
DK-454	Peachtree Creek Greenway Phase III	39	50	100	33	100	25	100	32	62	60	High	Yes
DK-453	City of Chamblee Rail Trail Extension	26	100	100	100	100	25	100	26	45	73	Medium	Yes
CO-472	Mableton Parkway Trail, Phase 2	53	25	100	66	100	25	100	45	47	63	High	Yes
FS-280	Global Gateway Connector	13	75	100	66	100	25	100	11	47	62	Medium	Yes
CO-474	Cumberland Multi-Modal, Seg C	12	100	100	66	100	25	50	10	47	61	Medium	Yes
DK-455	South River Multi-Use Trail Extension	11	100	100	33	0	25	75	9	43	48	Low	Yes
DK-381	Peachtree Creek Greenway Trail Phase II from City of Atlanta to North Druid Hills Rd	40	0	100	33	100	25	100	32	60	53	High	Yes
DO-298	CHC Regional Greenway Trail - Douglas County Extension	13	0	100	33	100	100	0	11	48	46	Low	Yes
FN-253	SR 9 (ROSWELL ROAD / ATLANTA STREET) PEDESTRIAN IMPROVEMENTS	19	50	100	33	0	25	75	16	59	44	Medium	Yes
GW-430	Western Gwinnett Bikeway - Suwanee Creek Spur	22	0	20	33	100	25	50	19	31	32	Medium	Yes
FN-308	Chattahoochee Greenway	6	50	100	66	100	100	50	6	32	60	Medium	Yes
CO-480	North Marietta Parkway Multi-Use Trail and Streetscape Project	56	75	20	33	0	25	75	49	49	42	Medium	Yes
CO-481	Noonday Creek Trail Crossing of US41/ Cobb Parkway	52	100	80	66	100	25	50	43	40	65	High	Yes
RO-260	Greenway Trail/Sidepath	7	0	80	0	0	25	75	5	0	23	Low	Yes
FN-304	SR 400 Multi-Use Trail	100	75	0	66	100	25	50	100	36	60	High	Yes
ATL-04	Multi-use Path-SR 3/US41 (Northside Parkway)	5	0	100	0	100	25	0	4	44	32	Low	
BCID-02	Lenox Road Complete Street Phase II	43	50	100	33	100	25	25	34	61	54	Medium	
CHA-02	Chamblee Tucker Road Multi-Use Path	56	100	100	100	100	25	100	48	56	79	Medium	
CID-278	Phase 1 - Hwy 278 CID Master plan	28	50	0	66	100	0	75	22	52	42	Medium	
Cumberland-03	Cumberland Multi-Modal, Seg A	8	100	100	66	100	25	75	7	42	62	Medium	
Cumberland-04	Stillhouse Trail	8	100	100	66	100	25	50	6	3	57	Medium	

Project ID	Project Description	Mobility	Safety	Connectivity	Multi-modalism	Employment Access	Land Use	Social Equity	Air Quality	CultEnv	Final Score	KDP2 Rec	Funded
GW-TRLA	Multi-Use Trail Connection from Satellite Boulevard to McDaniel Farm Park	5	75	100	33	100	25	50	4	42	51	Low	
GW-TRLB	The Loop Trail, Section T2.2 (Satellite Boulevard)	16	75	20	33	100	25	50	13	36	41	Medium	
NOR-01	Beaver Ruin Creek Greenway, Priority 2 Segments	10	0	20	33	100	25	100	10	39	35	Low	
PMR-2019	Pilgrim Mill Road Multi Use Trails	38	50	0	33	0	25	25	0	20	23	Medium	
TUC-01	Tucker-Northlake Trail Preliminary Engineering	21	50	20	100	100	25	25	18	71	47	Medium	*

*To be included in TIP during TIP Amendment #3 (Fall 2021)

Roadway Asset Management Projects

Project ID	Project Description	Asset Management	Mobility	Safety	Connectivity	Multi-modalism	Employment Access	Social Equity	Goods Movement	CultEnv	Final Score	KDP2 Rec	Funded
AT-373	Marietta Blvd Road Reconstruction	76	75	0	66	33	100	0	100	36	54	High	Yes
ATL-320.1* Greenbriar Pkwy	Signal Enhancement Projects I	65	100	100	33	100	100	75	100	49	81	High	Yes
ATL-320.2* Sylvan Road	Signal Enhancement Projects I	90	23	100	66	100	100	75	100	48	78	High	Yes
ATL-320.3* North Ave	Signal Enhancement Projects I	43	82	100	66	100	100	75	100	44	79	High	Yes
ATL-320.4* 10th Street	Signal Enhancement Projects I	65	63	100	66	100	100	75	100	47	80	High	Yes
ATL-320.5* State Street	Signal Enhancement Projects I	65	8	100	0	100	100	75	100	49	64	High	Yes
ATL-377.1* Georgia Ave	Signal Enhancement Projects II	65	36	100	33	100	100	100	0	42	66	Medium	Yes
ATL-377.2* Atlanta Ave	Signal Enhancement Projects II	65	10	100	33	100	100	100	0	48	63	Medium	Yes
ATL-377.3* Hosea Williams Dr	Signal Enhancement Projects II	90	10	100	33	100	100	100	0	44	66	Medium	Yes
ATL-377.4* Boulevard	Signal Enhancement Projects II	65	37	100	33	100	100	100	0	48	66	High	Yes
ATL-377.5* McDaniel Street	Signal Enhancement Projects II	90	32	100	33	100	100	100	0	45	69	Medium	Yes
ATL-377.6* Glwood Ave @ Bill Kennedy Way	Signal Enhancement Projects II	65	31	100	33	100	100	100	0	49	66	High	Yes
CL-920M	McDonough Road Pavement Rehabilitation	45	51	0	66	0	0	0	0	11	23	Low	Yes
DK-457	North Druid Hills bridge replacement over CSX Railroad	96	100	75	66	100	100	0	0	61	73	Medium	Yes
FA-100.1* GA-85 Conn	Fayette County Resurfacing Projects	47	16	25	33	0	0	0	0	23	18	Low	Yes
FA-100.2* Kelly Dr	Fayette County Resurfacing Projects	68	15	25	66	0	0	0	0	45	27	Medium	Yes

Project ID	Project Description	Asset Management	Mobility	Safety	Connectivity	Multi-modalism	Employment Access	Social Equity	Goods Movement	Cult/Env	Final Score	KDP2 Rec	Funded
FA-100.3* Huddleston Road	Fayette County Resurfacing Projects	61	24	25	66	0	0	0	0	45	27	Medium	Yes
FA-100.4* McIntosh Trl	Fayette County Resurfacing Projects	55	15	25	66	0	0	0	0	43	25	Medium	Yes
FA-100.5* Ebenezer Rd	Fayette County Resurfacing Projects	48	18	25	66	0	0	0	0	46	24	Medium	Yes
FA-100.6* Dogwood Trl	Fayette County Resurfacing Projects	56	19	25	33	0	0	0	0	42	21	Medium	Yes
FA-100.7* Jimmy Mayfield Blvd	Fayette County Resurfacing Projects	52	20	25	66	0	0	0	0	39	25	Low	Yes
FA-100.8* New Hope Rd	Fayette County Resurfacing Projects	45	27	25	33	0	0	0	0	25	20	Low	Yes
FS-286C	South Fulton Bridge Bridge Replacement	78	0	25	0	0	0	0	0	48	18	Low	Yes
HE-920M	Jonesboro Road Resurfacing	45	74	0	66	0	0	0	0	10	26	Medium	Yes
FN-349	Buice Road Bridge Replacement	64	21	25	33	66	0	0	0	50	31	Low	Yes
NE-110	Dial Mill Road @ Little Haynes Creek Bridge Replacement	88	6	50	33	0	0	0	0	48	28	Low	Yes
ATL-21	Arterial Road Maintenance & Mobility Part I (Campbellton Road)	68	41	75	66	33	100	0	0	28	51	High	
ATL-22	Arterial Road Maintenance & Mobility Part II (JE Boone Blvd)	61	21	75	33	33	100	0	0	40	43	Medium	
FS-286A	South Fulton Bridge Bridge Replacement	100	8	25	0	0	0	0	0	49	22	Low	
FS-286B	South Fulton Bridge Bridge Replacement	97	0	25	0	0	0	0	0	48	21	Low	
GW-PVTA	Sugarloaf Parkway Resurfacing - Section 1	32	100	0	66	0	100	0	0	0	37	High	
GW-PVTB	Peachtree Industrial Boulevard Resurfacing - Section 1	30	100	0	66	0	0	0	100	35	37	High	
GW-PVTC	Peachtree Industrial Boulevard Resurfacing - Section 2	27	100	0	66	0	100	0	100	28	46	High	
HE-02	East Atlanta Road Resurfacing	50	42	0	66	0	0	0	0	23	23	Low	
HE-03	Hampton-Locust Grove Road Resurfacing	48	27	0	66	0	100	0	0	18	31	Low	
RO-259	CR 505/Honey Creek Road @ Snapping Shoals Creek	70	45	0	33	0	0	0	0	49	24	Low	

*Projects that were split up into segments for evaluation

Roadway Expansion Projects

Project ID	Project Description	Mobility	Safety	Connectivity	Reliability	Multi-modalism	Employment Access	Social Equity	Air Quality	Goods Movement	CultEnv	Final Score	KDP2 Rec	Funded
AT-306	15th Street Extension Project	15	75	100	--	39	51	25	93	0	61	46	High	Yes
AT-303	Piedmont Road Corridor Road Widening	30	45	100	99	48	61	25	68	0	48	49	Medium	Yes
DO-220A	Lee Road: Segment 2 - Widening	33	63	100	77	27	92	75	33	0	17	46	High	Yes
FA-279	Alignment of SR 279 with Corinth Road	53	62	100	48	25	6	75	33	0	21	45	Medium	Yes
FN-269	SR 9 (ATLANTA STREET) REVERSIBLE LANE REMOVAL AND WIDENING	74	65	100	100	33	10	75	25	100	35	63	Medium	Yes
FS-215	PI# 0016063 Welcome All Road @ SR 6 (Camp Creek Parkway) Intersection and Realignment	32	27	100	86	0	91	75	9	0	48	39	Medium	Yes
GW-429	Sugarloaf Parkway Widening	70	56	100	82	53	98	100	73	0	32	59	High	Yes
HE-005	SR 81 Widening Phase I	57	46	100	79	74	57	75	0	100	35	59	Medium	Yes
HE-126B-SCP	Bill Gardner Parkway Widening	88	31	100	78	18	52	50	0	0	5	43	Low	Yes
HE-161A	Rock Quarry Widening	72	81	100	79	24	100	75	0	0	28	52	High	Yes
NE-109	Brown Bridge Road Widening	61	81	100	73	10	2	75	11	0	33	49	Low	Yes
RO-235E1	Sigman Road Widening - Phase IV	7	52	100	90	49	69	100	20	0	54	48	Low	Yes
RO-243	Courtesy Parkway Extension I-20 Non-Access Crossing from Old Covington Highway to Flat Shoals Road	65	38	100	--	12	63	100	10	0	54	43	Medium	Yes
CH-215	Hickory Springs Parkway	42	50	100	--	14	7	50	17	0	59	39	Low	
CHA-03	Shallowford Road at Johnson Road intersection improvements	20	56	100	87	0	80	100	79	0	50	49	High	
DO 301	Lee Road Extension - Feasibility Study	73	52	100	75	25	6	75	75	0	21	53	Medium	
HE-193	Jodeco Road Widening	83	43	100	78	19	8	50	0	0	33	46	Low	
RO-235D	SR 20 and Sigman Road from CS 442/Irwin Bridge Road to SR 138	77	74	100	79	100	69	75	38	100	33	71	High	
FA-03	Banks Road Widening	40	59	100	73	57	1	50	14	0	42	48	Low	
GW-389	I-85 North - New Interchange	95	12	100	48	0	72	50	25	100	50	48	Medium	
GW-398	Peachtree Industrial Boulevard Widening NB	82	41	100	85	56	70	100	44	100	31	65	High	
GW-EVM	US 78 Parallel Road Major Collector	44	63	100	--	14	1	50	25	0	46	41	Medium	
HE -118B	McDonough Parkway Extension	90	25	100	--	2	1	50	23	0	36	40	Medium	
HE-04	SR 81 Widening, Phase II	53	28	100	75	30	11	0	0	100	18	44	High	
HE-05	Flippen Road Widening	63	57	100	79	20	30	75	46	0	0	49	Low	
HE-109	Rock Quarry Road Extension	50	0	100	--	11	43	75	22	0	31	33	Low	

Roadway TSM&O Projects

Project ID	Project Description	Mobility	Safety	Connectivity	Reliability	Multi-modalism	Employment Access	Social Equity	Air Quality	Goods Movement	CultEnv	Final Score	KDP2 Rec	Funded
CH-140A	Hwy 140 & Reinhardt College Parkway Intersection Improvements	45	42	0	83	0	0	75	0	0	50	29	Medium	Yes
CH-349	Hwy 140 & Riverstone Parkway/Marietta Hwy Intersection Improvements	53	47	0	85	17	0	75	0	0	48	33	Medium	Yes
CH-140B	SR 140 at Univeter Road Intersection Operational Improvements	75	48	0	87	0	0	75	60	0	49	39	Medium	Yes
NE-111	Dallas Highway & Mars Hill Road intersection improvements	71	51	100	100	76	0	0	25	100	49	61	Medium	Yes
CO-475	Old 41 Hwy	97	37	0	97	0	0	50	57	0	48	39	Medium	Yes
CO-473	I-85 North Interchange Improvements at SR 42 (North Druid Hills Road)	25	53	100	53	0	100	100	25	100	48	59	Medium	Yes
DK-382	Chamblee Dunwoody Multimodal Improvements (Peeler Road to Vermack Road)	50	66	0	89	100	100	50	87	0	61	61	High	Yes
FN-287	ITS Expansion on SR 124/Braselton Highway Phase 1	37	40	0	90	0	100	50	0	0	50	37	Low	Yes
GW-426	ITS Expansion Singleton Road/South Norcross Tucker Road/Steve Reynolds Boulevard	37	50	0	90	0	100	100	25	0	50	44	Low	Yes
GW-427	Crowell Road/Almon Road Access Road	49	64	100	83	0	100	75	25	100	0	63	Medium	Yes
NE-105	Solomon Street @ Searcy Ave/Spalding St/High Falls Rd Intersection Improvement	52	49	0	98	0	0	75	19	0	50	34	Medium	Yes
ATL-05	Monroe/Boulevard Multimodal Street Reconstruction (SA-025) (John Wesley Dobbs Intersection)	57	80	0	96	0	100	75	53	0	0	49	High	
ATL-24	Marietta Road Operations and Bridge Replacement	48	42	100	91	8	100	75	95	0	46	61	High	
CH19-02	SR 140 at East Cherokee Drive Intersection Operational Improvements	55	70	0	90	0	0	25	9	0	50	32	Low	
CH19-03	SR 140 between East Cherokee Dr and Hickory Rd/Batesville Rd Roadway Operational Improvements	65	48	0	90	0	0	25	2	0	50	30	Medium	
CH19-04	SR 140 at Northside Cherokee Boulevard Intersection Operational Improvements	55	53	0	87	0	0	75	75	0	48	38	Medium	

Project ID	Project Description	Mobility	Safety	Connectivity	Reliability	Multi-modalism	Employment Access	Social Equity	Air Quality	Goods Movement	CultEnv	Final Score	KDP2 Rec	Funded
CL-350	Connected Vehicle Infrastructure Upgrade Project	42	33	100	93	27	100	100	25	100	50	66	Medium	
DUN-02	SR 120/Abbotts Bridge Rd from Parsons to Medlock	61	65	100	89	0	0	50	51	100	0	55	Medium	
GW-ITSB	Signal Reconstruction – Buford Highway (SR 13) South	45	38	100	93	0	100	100	25	100	50	64	High	
GW-ITSC	ITS Phase 3 Enhancements	38	49	100	91	0	100	100	25	100	50	64	Medium	
GW-ITSE	Signal Reconstruction – Buford Highway (SR 13) North	40	50	100	90	0	100	100	0	100	50	63	Medium	
GW-ITSF	Signal Reconstruction - Peachtree Parkway and Peachtree Industrial Boulevard (SR 141)	41	14	100	91	0	100	100	25	100	50	60	High	
RO 3	Old Covington Road/Gees Mill Road Reconstruction	39	55	0	83	0	100	100	31	0	50	45	Low	

Transit Expansion Projects

Project ID	Project Description	Mobility	Safety	Connectivity	Reliability	Multi-modalism	Employment Access	Land Use	Social Equity	Air Quality	CultEnv	Final Score	KDP2 Rec	Funded
M-AR-451	Metropolitan Parkway ART	75	0	100	35	0	82	75	64	100	34	59	High	Yes
M-AR-452	Clayton County Bus Routes 197 and 198	100	0	0	0	0	100	100	100	21	0	46	High	Yes
GW-424*	Route 50 Local Service Expansion	71	0	0	5	0	65	0	90	40	10	29	Medium	Yes
GW-428	Harbins Road Park & Ride Lot	--	100	0	0	0	--	0	50	--	57	23	Low	Yes
GW-PNR2	Lawrenceville Area Park & Ride Lot	--	100	0	0	0	--	0	75	--	60	26	Low	

*GW-423 was evaluated using the same scores

Transit Asset Management Projects

Project ID	Project Description	Asset Condition	Mobility	Safety	Employment	Social Equity	Air Quality	CultEnv	Final Score	KDP2 Rec	Funded
AR-550	Xpress Replacement Buses	95	47		100		100	0	76	Medium	Yes
CO-554	Marietta Transfer Center	50	90	0	100	75	--	0	68	Medium	Yes
CO-477	Cumberland Transfer Center	50	83	0	100	25	--	0	58	Medium	Yes
CO-478	Marietta Maintenance Facility	50	100	--	100	75	--	0	83	High	Yes
GW-424	Gwinnett Transit Center Area Facilities	75	20	75	100	50	--	25	67	Medium	Yes
M-AR-274B2	MARTA Clean Bus Procurement	90	32	--	100	89	14	0	72	High	Yes
M-AR-453	Clayton Transit Center (Justice Center)	--	7	75	0	75	--	0	37	Low	Yes
MARTA-01	MARTA Avondale Yard Train Wash Replacement	50	57	--	100	50	--	25	68	High	

Miscellaneous Emissions Projects

Project ID	Project Description	Final Score	Funded
RO-261	School Bus Replacement Project	--	Yes
CO-553	Transit Signal Priority	--	

Appendix B – LCI Evaluation Scores for All Projects Submitted

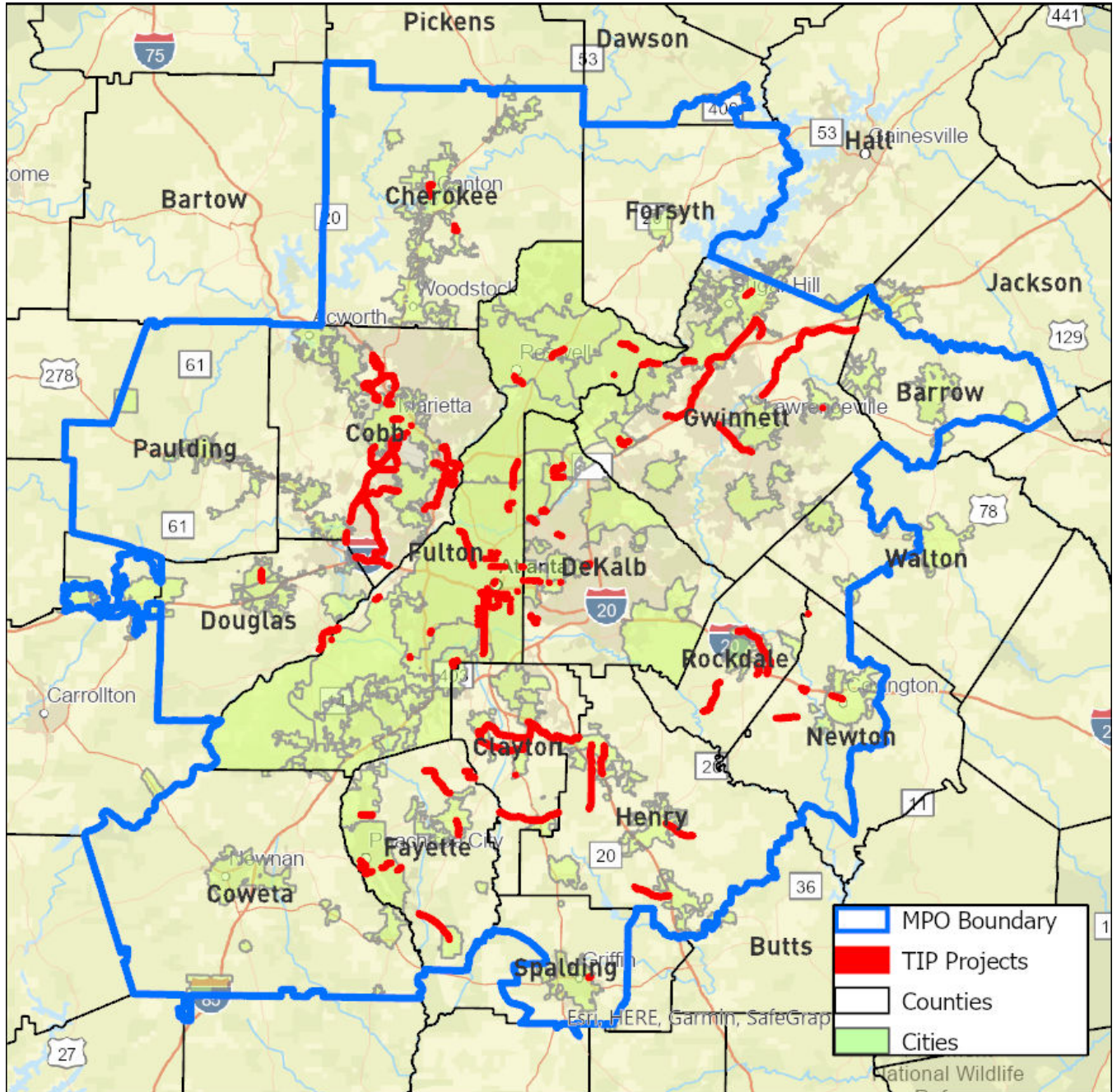
Project ID	Sponsor Name	Project Name	LCI Score	Funded
AT-376	City of Atlanta	South Downtown Pedestrian Safety Enhancements	78	Yes
FN-179	City of Alpharetta	North Point Parkway LID Streetscape Enhancements and Complete Streets Upgrade	76	Yes
AT-306	City of Atlanta	15th Street Extension Project	78	Yes
DK-453	City of Chamblee	City of Chamblee Rail Trail Extension (from Pierce Dr to Peachtree Rd/Doraville city limits)	74	Yes
FS-280	City of College Park	Global Gateway Connector (GICC to "Airport City")	69	Yes
CO-478-02	Cobb County	Cumberland Multi-Modal, Seg C	68	Yes
DK-458	DeKalb County	Kensington MARTA Station Trail and Road Diets	70	Yes
DO-303	City of Douglasville	Dallas Highway Corridor Improvements	72	Yes
GW-408	City of Buford	CS 1086/MORENO ST FROM W MAIN ST TO E MAIN ST IN BUFORD	42	Yes
Alpharetta-02	City of Alpharetta	Haynes Bridge Road AlphaLoop Connection	61	
AR-450C1	Atlanta Beltline	Atlanta BeltLine Southside Trail (segments 2 &3)	78	
ATL-05	City of Atlanta	Monroe/Boulevard Multimodal Street Reconstruction (SA-025) (John Wesley Dobbs Intersection)	66	
ATL-06	City of Atlanta	Boulevard South Complete Streets (Woodward to McDonough)	65	
BCID-01	City of Atlanta	Piedmont Road Corridor Road Widening	35	
BCID-02	City of Atlanta	Lenox Road Complete Street Phase II	54	
BCID-03	City of Atlanta	Lenox Road Complete Street Phase III	62	
CH-215	City of Holly Springs	Hickory Springs Parkway	35	
CID-278	City of Covington	Phase 1 - Hwy 278 CID Master plan	48	
CO-551	Cobb County	Cumberland Transfer Center	51	
Cumberland-01	Cobb County	Cobb Parkway Pedestrian Bridge	58	

Cumberland-03	Cobb County	Cumberland Multi-Modal, Seg A	57	
DAL-01	City of Dallas	SR 61 from SR 6BU to CS 811/Cooper Place Pedestrian and Streetscape Improvements	31	
DK-382	GDOT	I-85 North Interchange Improvements at SR 42 (North Druid Hills Road)	51	
DUN-02	City of Dunwoody	Chamblee Dunwoody Multimodal Improvements (Peeler Road to Vermack Road)	60	
FAI-01	City of Fairburn	Broad Street/US 29/SR 14 Improvements Phase II	59	
FN-269	City of Roswell	SR 9 (ATLANTA STREET) REVERSIBLE LANE REMOVAL AND WIDENING	54	
GW-BUSD	Gwinnett County	Gwinnett Transit Center Area Facilities	49	
GW-EVM	Gwinnett County	US 78 Parallel Road Major Collector	42	
GW-ITSF	Gwinnett County	Signal Reconstruction - Peachtree Parkway and Peachtree Industrial Boulevard (SR 141)	47	
GW-TRLA	Gwinnett County	Multi-Use Trail Connection from Satellite Boulevard to McDaniel Farm Park	50	
GW-TRLB	Gwinnett County	The Loop Trail, Section T2.2 (Satellite Boulevard)	52	
MAR-01	City of Marietta	North Marietta Parkway Multi-Use Trail and Streetscape Project	60	
NOR-01	City of Norcross	Beaver Run Creek Greenway, Priority 2 Segments	65	
Powder Springs-02	City of Powder Springs	Trail Connections from Downtown Park to Silver Comet Trail	39	
TUC-01	City of Tucker	Tucker-Northlake Trail Preliminary Engineering	65	

*Funded under LCI Implementation Lump Sum. All projects listed were evaluated under the LCI evaluation criteria.

For more detail on LCI score calculations please contact ARC staff

Appendix C – Map of 2019 TIP Project Solicitation Fund Awards (Infrastructure Applications Only)



Appendix D – 2019 TIP Project Solicitation Fund Award Summary (Infrastructure Applications Only)

Project Type	ARC ID	Application ID	Project Title	Sponsor	WHEN PROGRAMMED?	Funds Awarded (FEDERAL)
Multiuse Trail	AR-450C	AR-450C1	Atlanta BeltLine Southside Trail	Invest Atlanta/ABI	TIP AMEND 2	\$4,000,000
Transit - Asset Management	AR-550	AR-550	Xpress Replacement Buses	GRTA	TIP AMEND 2	\$21,000,000
Roadway - Expansion	AT-303	AT-303	Piedmont Road Corridor Road Widening	City of Atlanta	TIP AMEND 1	\$6,050,000
Roadway - Expansion	AT-306	BCID-01	15th Street Extension Project	City of Atlanta	TIP AMEND 2	\$2,023,456
Multiuse Trail	AT-307B	AT-307B	PATH400 Trail Extension from Loridans Drive to Sandy Springs City Limit	City of Atlanta	TIP AMEND 1	\$3,236,000
Roadway - Asset Management	AT-320	ATL-01	Signal Enhancement Projects I	City of Atlanta	BOTH	\$2,037,325
Roadway - Asset Management	AT-373	ATL-09	Marietta Blvd Road Reconstruction	City of Atlanta	TIP AMEND 1	\$750,000
Bicycle & Pedestrian	AT-376	ADID-01	South Downtown Pedestrian Safety Enhancements	City of Atlanta	TIP AMEND 2	\$2,800,000
Roadway - Asset Management	AT-377	ATL-10	Signal Enhancement Projects II - Various Segments	City of Atlanta	TIP AMEND 2	\$4,392,800
Multiuse Trail	AT-378	BCID-03	Lenox Road Complete Street Phase III	City of Atlanta	TIP AMEND 2	\$4,000,000
Roadway - TSM&O	CH-140A	CANT-01	Hwy 140 & Riverstone Parkway/Marietta Hwy Intersection Improvements	City of Canton	TIP AMEND 1	\$272,320
Roadway - TSM&O	CH-140B	CH19-01	SR 140 at Univeter Road Intersection Operational Improvements	Cherokee County	TIP AMEND 1	\$320,000

Roadway - TSM&O	CH-349	CANT-02	Hwy 140 & Reinhardt College Parkway Intersection Improvements	City of Canton	TIP AMEND 2	\$1,757,911
Roadway - Asset Management	CL-920M	CL-920	McDonough Road Pavement Rehabilitation	Clayton County	TIP AMEND 1	\$2,625,000
Multiuse Trail	CO-472	CO-472	Mableton Parkway Trail, Phase 2	Cobb County	TIP AMEND 2	\$4,320,000
Roadway - TSM&O	CO-473	CO-473	Old 41 Hwy	Cobb County	TIP AMEND 2	\$2,400,000
Multiuse Trail	CO-474	Cumberland-02	Cumberland Multi-Modal, Seg C	Cobb County	BOTH	\$6,440,000
Roadway - TSM&O	CO-475	CO-110	Dallas Highway & Mars Hill Road intersection improvements	Cobb County	TIP AMEND 2	\$2,680,000
Bicycle & Pedestrian	CO-476	CO-520	ADA Compliant Sidewalk Improvement	Cobb County	TIP AMEND 2	\$800,000
Transit - Asset Management	CO-477	CO-551	Cumberland Transfer Center	Cobb County	TIP AMEND 2	\$1,600,000
Transit - Asset Management	CO-478	CO-552	Marietta Maintenance Facility	Cobb County	TIP AMEND 2	\$1,600,000
Multiuse Trail	CO-480	MAR-01	North Marietta Parkway Multi-Use Trail and Streetscape Project	City of Marietta	TIP AMEND 2	\$320,000
Multiuse Trail	CO-481	NCT-CC-2019	Noonday Creek Trail Crossing of US41/ Cobb Parkway	Cobb County	TIP AMEND 2	\$5,196,102
Transit - Asset Management	CO-554	CO-550	Marietta Transfer Center	Cobb County	TIP AMEND 2	\$3,550,000
Roadway - TSM&O	DK-382	DK-382	I-85 North Interchange Improvements at SR 42 (North Druid Hills Road)	GDOT	TIP AMEND 2	\$3,500,000
Multiuse Trail	DK-453	CHA-01	Chamblee Rail Trail Extension	City of Chamblee	BOTH	\$4,180,000
Multiuse Trail	DK-454	BKHVN 2019-01	Peachtree Creek Greenway Phase III	City of Brookhaven	BOTH	\$2,600,000
Multiuse Trail	DK-455	DK-02	South River Multi-Use Trail Extension	DeKalb County	BOTH	\$4,880,000

Multiuse Trail	DK-456	CHA-02	Chamblee Tucker Road Multi-Use Path	City of Chamblee	TIP AMEND 2	\$403,200
Roadway - Asset Management	DK-457	DK-01	North Druid Hills bridge replacement over CSX Railroad	DeKalb County	TIP AMEND 2	\$9,320,000
Bicycle & Pedestrian	DK-458	DK-03	Kensington MARTA Station Trail and Road Diets	DeKalb County	TIP AMEND 2	\$8,400,000
Roadway - Expansion	DO-220A	DO-220A	Lee Road: Segment 2 - Widening	Douglas County	TIP AMEND 1	\$6,400,000
Multiuse Trail	DO-298	DO-298	CHC Regional Greenway Trail - Douglas County Extension	Douglas County	TIP AMEND 2	\$8,160,000
Bicycle & Pedestrian	DO-303	DOU-01	Dallas Highway Corridor Improvements	City of Douglasville	BOTH	\$5,800,000
Roadway - Asset Management	FA-100C	FA-02	Fayette County Resurfacing Projects	Fayette County	TIP AMEND 1	\$168,206
Roadway - Expansion	FA-279	FA-01	Alignment of SR 279 with Corinth Road	Fayette County	TIP AMEND 1	\$198,772
Bicycle & Pedestrian	FN-179	Alpharetta-01	North Point Parkway LID Streetscape Enhancements and Complete Streets Upgrade	City of Alpharetta	BOTH	\$6,600,000
Multiuse Trail	FN-253	FN-253	SR 9 (ROSWELL ROAD / ATLANTA STREET) PEDESTRIAN IMPROVEMENTS	City of Roswell	TIP AMEND 2	\$2,000,000
Roadway - Expansion	FN-269	FN-269	SR 9 (ATLANTA STREET) REVERSIBLE LANE REMOVAL AND WIDENING	City of Roswell	TIP AMEND 2	\$8,000,000
Roadway - TSM&O	FN-287	FN-287	SR 120/Abbotts Bridge Rd from Parsons to Medlock	City of Johns Creek	TIP AMEND 2	\$3,200,000
Multiuse Trail	FN-304	SAN-01	SR 400 Multi-Use Trail	City of Sandy Springs	BOTH	\$7,652,000
Multiuse Trail	FN-308	JC-02	Chattahoochee Greenway	City of Johns Creek	BOTH	\$1,480,000

Roadway - Asset Management	FN-349	JC-03	Buice Road Bridge Replacement	City of Johns Creek	TIP AMEND 2	\$1,920,000
Roadway - Expansion	FS-215	FS-215	PI# 0016063 Welcome All Road @ SR 6 (Camp Creek Parkway) Intersection and Realignment	City of East Point	TIP AMEND 2	\$4,915,054
Multiuse Trail	FS-280	FS-280	Global Gateway Connector	City of College Park	TIP AMEND 1	\$7,057,645
Roadway - Asset Management	FS-286C	FS-286C	South Fulton Bridge Bridge Replacement	City of South Fulton	BOTH	\$2,307,732
Bicycle & Pedestrian	FS-349	FIB-01	Fulton Industrial Boulevard Pedestrian Enhancements and Intersection Improvement	South Fulton/Fulton Industrial CID	TIP AMEND 2	\$2,880,000
Bicycle & Pedestrian	GW-408	GW-408	CS 1086/MORENO ST FROM W MAIN ST TO E MAIN ST IN BUFORD	City of Buford	TIP AMEND 2	\$2,264,410
Transit - Expansion	GW-423	GW-BUSA	Route 50 Vehicle Expansion	Gwinnett County	TIP AMEND 1	\$2,500,000
Transit - Asset Management	GW-425	GW-BUSD	Gwinnett Transit Center Area Facilities	Gwinnett County	TIP AMEND 2	\$800,000
Transit - Expansion	GW-424	GW-BUSB	Route 50 Local Service Expansion	Gwinnett County	TIP AMEND 2	\$5,912,499
Roadway - TSM&O	GW-426	GW-ITSA	ITS Expansion on SR 124/Braselton Highway Phase 1	Gwinnett County	TIP AMEND 2	\$2,320,000
Roadway - TSM&O	GW-427	GW-ITSD	ITS Expansion Singleton Road/South Norcross Tucker Road/Steve Reynolds Boulevard	Gwinnett County	TIP AMEND 2	\$1,200,000
Transit - Expansion	GW-428	GW-PNR1	Harbins Road Park & Ride Lot	Gwinnett County	TIP AMEND 2	\$5,000,000
Roadway - Expansion	GW-429	GW-SLF6L	Sugarloaf Parkway Widening	Gwinnett County	TIP AMEND 2	\$750,000

Multiuse Trail	GW-430	GW-WGSPUR	Western Gwinnett Bikeway - Suwanee Creek Spur	Gwinnett County	TIP AMEND 2	\$1,700,000
Roadway - Expansion	HE-005	HE-005	SR 81 Widening Phase I	Henry County	TIP AMEND 2	\$7,000,000
Roadway - Expansion	HE-126B-SCP	HE-126B	Bill Gardner Parkway Widening	Henry County	TIP AMEND 1	\$937,500
Roadway - Expansion	HE-161A	HE-161A	Rock Quarry Widening	Henry County	TIP AMEND 2	\$7,000,000
Roadway - Asset Management	HE-920M	HE-01	Jonesboro Road Resurfacing	Henry County	TIP AMEND 1	\$2,100,000
Transit - Asset Management	M-AR-274B2	M-AR-274B2	MARTA Clean Bus Procurement	MARTA	TIP AMEND 2	\$4,980,000
Transit - Expansion	M-AR-451	MARTA-03	Metropolitan Parkway BRT	MARTA	BOTH	\$5,000,000
Transit - Expansion	M-AR-452	MARTA-04	Clayton County Bus Routes 197 and 198	Clayton County	BOTH	\$6,000,000
Transit - Asset Management	M-AR-453	MARTA-02	Clayton Transit Center (Justice Center)	MARTA	TIP AMEND 2	\$5,000,000
Roadway - TSM&O	NE-105	NE-105	Crowell Road/Almon Road Access Road	Newton County	TIP AMEND 1	\$1,920,903
Roadway - Expansion	NE-109	NE-109	Brown Bridge Road Widening	Newton County	TIP AMEND 2	\$280,000
Roadway - Asset Management	NE-110	NE-03	Dial Mill Road @ Little Haynes Creek Bridge Replacement	Newton County	TIP AMEND 2	\$413,322
Roadway - TSM&O	NE-111	CID-278	Phase 1 - Hwy 278 CID Master plan	City of Covington	TIP AMEND 2	\$1,012,800
Roadway - Expansion	RO-235E1	RO-235E1	Sigman Road Widening - Phase IV	Rockdale County	TIP AMEND 2	\$280,000

Roadway - Expansion	RO-243	RO-243	Courtesy Parkway Extension I-20 Non-Access Crossing from Old Covington Highway to Flat Shoals Road	Rockdale County	TIP AMEND 2	\$8,570,000
Multiuse Trail	RO-260	RO-2	Greenway Trail/Sidepath	Rockdale County	TIP AMEND 1	\$200,000
Miscellaneous Emissions	RO-261	RO-01	Bus Replacement Project	Rockdale County	BOTH	\$1,596,000
Roadway - TSM&O	SP-100	SP-100	Solomon Street @ Searcy Ave/Spalding St/High Falls Rd Intersection Improvement	City of Griffin	TIP AMEND 2	\$2,357,706
TOTAL FUNDS AWARDED						\$263,288,663