

ARTS Transportation Vision 2040 Long Range Transportation Plan

And FY 2017-2022 Transportation Improvement Program

August 2020

**Summary of Projects Revenue and Expenditure**

(Original Financial Tables are included in Chapter 7 – Financial Plan)

**Table 60: Tier 1 (2015-2018) Program of Projects Georgia**

Georgia 2015-2018 Projects						
GDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars
<b>Widening Projects</b>						<b>\$52,597,221</b>
0008356	SR 4/ US 1 (Dean's Bridge Road)	Meadowbrook Drive	Tobacco Rd	4 to 6 lanes	SCP 2015	\$1,000,000
					PE 2017	\$1,718,775
0008355	US 25/SR 121 (Peach Orchard Road)	Tobacco Road	Browns Road	4 to 6 lanes	SCP 2015	\$1,000,000
					PE 2017	\$1,212,988
*220680	Fifteenth Street (SR 4)	Milledgeville Road	Government Street	4 to 6 lanes	ROW 2016	\$16,516,223
					UTL 2018	\$1,172,372
					CST 2018	\$8,226,173
*245320	Windsor Spring Road - Phase V	SR 88	Willis Foreman Road	2 to 4 lanes	UTL 2015	\$2,294,363
					CST 2015	\$14,456,327
0013248	Gordon Highway/ SR 10	Old Louisville Road	SR 223	2 to 4 lanes	PE 2016	\$3,500,000
0012869	Willis Foreman Road	SR 4/US 1 (Deans Bridge Rd)	SR 121/US 25 (Peach Orchard Rd)	2 to 4 lanes	PE 2018	\$1,500,000
<b>Bridge Projects</b>						<b>\$2,715,640</b>
210327	I-20 Bridge over Augusta Canal and Savannah River	Richmond	Aiken	4 to 6 lanes	PE 2018	\$30,000
*245325	Windsor Spring Road @ NS Railroad	Windsor Spring Road	Norfolk Southern Railroad	Rehabilitation	CST 2015	\$1,935,640
0013604	SR 4/US 1 Bridge Replacement	SR 4/US 1	South Prong Creek	Replacement	PE 2016	\$500,000
					ROW 2018	\$250,000
<b>Operational and Median Improvements</b>						<b>\$16,780,340</b>
*0011699	Riverwatch (SR 104) @ I-20	Quarry Road	River Shoals Parkway	2 to 3 lanes	PE 2015	\$750,000
					UTL 2016	\$1,133,100
					CST 2016	\$3,720,000
0013704	Hardy Mcmanus Road	William Few Parkway	Furys Ferry Road	2 to 3 lanes	PE 2016	\$1,500,000
					ROW 2016	\$946,258
0012865	Hereford Farm Road	SR 383 (Belair Road)	SR 232 (Columbia Road)	2 to 3 lanes	PE 2015	\$1,700,000
					ROW 2017	\$462,000
					CST2018	\$5,818,982
0008352	Stevens Creek Road	Evans-to-Locks Road (SC 11236)	Riverwatch Parkway (SR 104)	2 to 3 lanes	PE 2015	\$750,000

SCP - Scoping; PE -Preliminary Engineering; UTL - Utilities; ROW - Right of Way; CST - Construction; All - PE, ROW, & CST

**Table 60: Tier 1 (2015-2018) Program of Projects Georgia (continued)**

Georgia 2015-2018 Projects						
GDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars
<b>Intersection and Safety Improvements</b>						<b>\$6,292,127</b>
0012867	Wheeler Road	I-20 eastbound ramp	Augusta West Parkway	Improvements/turn lanes	PE 2015	\$750,000
					CST 2018	\$2,500,000
0012866	Wheeler Road Intersection Improvements	Wheeler Road	Robert C Daniel Parkway	Improvements/turn lanes	PE 2015	\$225,000
					CST 2016	\$1,000,000
0012868	Barton Chapel Road	Barton Chapel Road	Gordon Highway (SR 10/US 78)	Improvements/turn lanes	PE 2015 + 2016	\$275,000
					CST 2018	\$1,542,127
<b>Bicycle and Pedestrian Improvement Projects</b>						<b>\$2,101,030</b>
0013705	River Levee Trail Extension Phase 3D	Augusta Levee	Hawk's Gully	Asphalt trail	SCP 2015	\$50,000
					PE 2016	\$85,000
					CST 2016	\$612,030
0013707	James Brown Boulevard Streetscape- Phase 3	Twiggs Street	Laney Walker Blvd	Corridor improvements	SCP 2015	\$50,000
					PE 2016	\$150,000
					ROW 2016	\$15,440
					CST 2016	\$424,560
0013706	Harlem-Grovetown Road/Old Berzalia Road	Old Berzalia Road	Elementary School campus	Sidewalk, curb, and gutter	SCP 2015	\$50,000
					PE 2016	\$76,790
					CST 2016	\$336,210
SAFETY-LUMP-2	Safe Routes to School Program			Lump Sum	CST 2015 + 2016	\$103,000
REC-1	Lump Sum			DNR Recreational Trails; Consultant Services; Contract Construction Oversight.	CST 2015+2016+2017+2018	\$148,000
<b>Transit Capital Funds</b>						<b>\$18,176,835</b>
	Augusta Transit Capital Projects	Urban Area		Lump Sum	Lump	\$17,946,335
	Richmond Rural Transit Capital Projects	Rural Area		Lump Sum	Lump	\$92,400
	Columbia Transit Capital Projects	Rural Area		Lump Sum	Lump	\$138,100
<b>Transit Operating Funds</b>						<b>\$609,144</b>
	Augusta Transit Operating	Urban Area		Lump Sum	Lump	
	Richmond Rural Transit Operating	Rural Area		Lump Sum	Lump	\$220,568
	Columbia Transit Operating	Rural Area		Lump Sum	Lump	\$388,576

**Table 60: Tier 1 (2015-2018) Program of Projects Georgia (continued)**

Georgia 2015-2018 Projects						
GDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars
<b>Maintenance and Operations, etc.</b>						<b>\$37,764,500</b>
NHS LUMP SUMS	Various Lump Sum Minor Improvement Projects			NHS Lump Sums	CST 2015 + 2016 + 2017 + 2018	\$5,526,000
STP LUMP SUMS	Various Lump Sum Improvement Projects			STP Lump Sums	CST 2015 + 2016 + 2017 + 2018	\$29,010,000
TEA-1	Transportation Enhancement Projects			Transportation Enhancement Projects	CST 2015 + 2016 + 2017 + 2018	\$2,220,000
SAFETY-LUMP-1	Various Lump Sum Improvement Projects			Unspecified Safety Improvements Using Various Funds	CST 2015 + 2016 + 2017 + 2018	\$956,000
OS-1	Oversight Services for M230			Oversight services for M230	PE	\$52,500
<b>Total Expenditures</b>						<b>\$137,036,837</b>
<b>Funds Available</b>						<b>\$245,069,185</b>
<b>Difference</b>						<b>\$108,032,348</b>

SCP - Scoping; PE - Preliminary Engineering; UTL - Utilities; ROW - Right of Way; CST - Construction; All - PE, ROW, & CST

**Table 61: Tier 1 (2015-2018) Program of Projects South Carolina**

South Carolina 2015-2018 Projects						
PI#	Project Name	From	To	Description	Phase	2015 Dollars
<b>Widening Projects</b>						<b>\$21,265,000</b>
SC-7	SC 126 (Belvedere Clearwater Road)	Old Sudlow Lake Road (Near I-520)	US 1/US 78	3 to 5 lanes	ROW 2015	\$1,500,000
					CST 2017	\$8,250,000
SC-3	University Parkway (S-2131)	US 1/US 78 (Richland Ave)	SC 118	3 to 5 lanes	PE 2016	\$1,000,000
					ROW 2017	\$1,000,000
					CST 2018	\$8,600,000
<b>Corridor Improvements</b>						<b>\$18,920,000</b>
24745/ SC-8	Hitchcock Parkway (SC-118) Corridor Improvements			Intersection, corridor improvements	ROW 2017	\$500,000
					CST 2018	\$8,200,000
34290/ SC-11	Silver Bluff Road (SC 302) Corridor Improvements	Indian Creek Trail	Richardson Lake Road	Intersection, corridor improvements	CST 2016	\$4,200,000
34298/ SC-12	East Buena Vista and Atomic Road Corridor Improvements	Brookside Avenue	Old Edgefield Road	Intersection, corridor improvements	ROW 2015	\$1,380,000
					CST 2016	\$4,640,000
<b>Bicycle and Pedestrian Improvement Projects</b>						<b>\$1,205,760</b>
SC-REC-1	North Augusta Bergen Road Tunnel (Greenway)	Bergen Road	North Augusta Greenway	Tunnel construction	CST 2015	\$553,000
SC-REC-2	North Augusta Greenway Extension	Bergen Road	Bergen Village Development	Lump Sums	CST 2015	\$245,000
TAP-BIKE	City of Aiken Bicycle Infrastructure Phase 1			Bike lanes, shared lane markings, buffered bike lane, etc	CST 2016	\$203,880
TAP_CRO SLAND	Crosland Park Pedestrian Walkways			Install sidewalks and crosswalks	CST 2016	\$203,880

\*State Safety, Bridge, and Maintenance Programs

SCP - Scoping; PE -Preliminary Engineering; UTL - Utilities; ROW - Right of Way; CST - Construction; All - PE, ROW, & CST

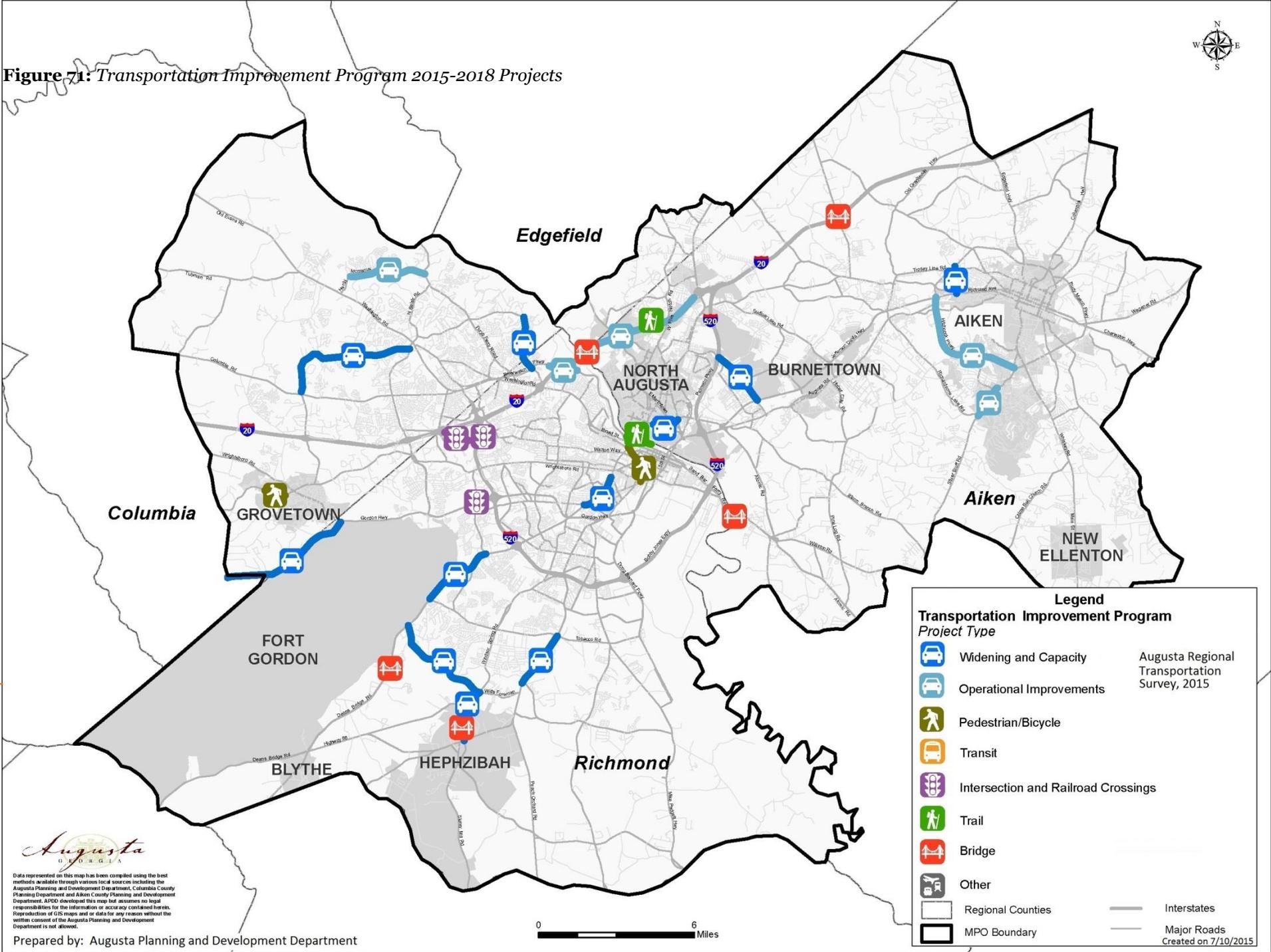
**Table: 61: Tier 1 (2015-2018) Program of Projects South Carolina (continued)**

South Carolina 2015-2018 Projects						
PI#	Project Name	From	To	Description	Phase	2015 Dollars
<b>Maintenance and Operations, etc.</b>						<b>\$4,971,000</b>
*SC-18	I-20 Rehabilitation and Maintenance Work	Mile Marker 1	Near Mile Marker 5	Rehab and Maintenance work	CST 2016	\$4,971,000
<b>Bridge Projects</b>						<b>\$8,421,000</b>
*SC-16	SC 28 at Savannah River Bridge Rehabilitation	SC 28	Savannah River	Bridge Rehabilitation	PE 2015 CST 2018	\$135,000 \$2,920,000
*SC-17	S-2-144(Bettis Academy) at I-20	S-2-144	Bettis Academy	Bridge Rehabilitation	PE, CST	\$630,000
*SC-421	SC 421 over Little Horse Creek	SC 421	Little Horse Creek	Bridge Rehabilitation	PE, ROW, CST	\$4,736,000
<b>Safety Improvements</b>						<b>\$5,677,000</b>
*	Lump Sum			Lump Sums for Safety projects	CST	\$5,677,000
<b>Transit Capital Funds</b>						<b>\$3,874,000</b>
	Transit Capital Projects			Lump	All	\$3,874,000
<b>Transit Operating Funds</b>						<b>\$5,330,000</b>
	Transit Operations			Lump	All	\$5,330,000
<b>Transit Planning Funds</b>						<b>\$385,000</b>
	Transit Planning Funds			Lump	All	\$385,000
<b>Total Expenditures</b>						<b>\$70,048,760</b>
<b>Funds Available</b>						<b>\$75,356,742</b>
<b>Difference</b>						<b>\$5,307,982</b>

\*State Safety, Bridge, and Maintenance Programs

SCP - Scoping; PE -Preliminary Engineering; UTL - Utilities; ROW - Right of Way; CST - Construction; All - PE, ROW, & CST

**Figure 71: Transportation Improvement Program 2015-2018 Projects**



**Legend**

**Transportation Improvement Program**

*Project Type*

	Widening and Capacity	Augusta Regional Transportation Survey, 2015	
	Operational Improvements		
	Pedestrian/Bicycle		
	Transit		
	Intersection and Railroad Crossings		
	Trail		
	Bridge		
	Other		
	Regional Counties		Interstates
	MPO Boundary		Major Roads

Created on 7/10/2015

*Augusta*  
GEORGIA

Data represented on this map has been compiled using the best methods available through various local sources including the Augusta Planning and Development Department, Columbia County Planning Department and Aiken County Planning and Development Department. APDD developed this map but assumes no legal responsibilities for the information or accuracy contained herein. Reproduction of GIS maps and/or data for any reason without the written consent of the Augusta Planning and Development Department is not allowed.



### Funding Priorities Tier 2 (2019-2029)

Tier 2 projects represent projects programmed to commence in the medium-range planning horizon (i.e., 2019-2029). Tables 62 and 63, and Figure 72 identify Tier 2 financially constrained projects in Georgia and South Carolina.

**Table 62: Tier 2 (2019-2029) Program of Projects Georgia**

Georgia 2019-2029 Projects							
GDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars	Year of Expenditure Dollars
<b>Widening Projects</b>							<b>\$331,940,486</b>
0012869	Willis Foreman Road	SR 4/US 1 (Deans Bridge Rd)	SR 121/US 25 (Peach Orchard Rd)	2 to 4 lanes	ROW	\$1,191,097	\$1,265,000
					CST	\$33,495,497	\$35,573,750
0008349	SR 232 (Columbia Road)	William Few Parkway	Old Belair Road	2 to 4 lanes	PE	\$2,998,519	\$3,184,564
					ROW	\$6,746,884	\$7,165,499
					UTL	\$7,129,229	\$7,571,567
					CST	\$37,481,486	\$39,807,052
0008356	SR 4/ US 1 (Dean's Bridge Road)	Meadowbrook Drive	Tobacco Road	4 to 6 lanes	ROW	\$23,507,583	\$24,966,128
					UTL	\$4,318,809	\$4,586,773
					CST	\$30,174,431	\$32,046,626
0008355	US 25/SR 121 (Peach Orchard Road)	Tobacco Road	Brown Road	4 to 6 lanes	ROW	\$12,329,555	\$13,094,551
					UTL	\$5,607,020	\$5,954,912
					CST	\$27,576,749	\$29,287,768
0008348	Wrightsboro Road	SR 388 (Horizon South Parkway)	SR 383 (Jimmie Dyess Parkway)	2 to 4 lanes	PE	\$2,806,798	\$2,980,948
					ROW	\$6,429,349	\$6,828,263
					UTL	\$6,494,791	\$6,897,765
					CST	\$35,084,970	\$37,261,843
0013248	Gordon Highway/ SR 10	Old Louisville Road	SR 223	2 to 4 lanes	ROW	\$3,766,316	\$4,000,000
					CST	\$38,604,741	\$41,000,000
ARTS_R_25	Doug Barnard Parkway Widening	Tobacco Road	Mike Padgett Highway	2 to 4 lanes	PE	\$622,920	\$661,570
					ROW	\$16,882,618	\$17,930,112
					UTL	\$9,298,842	\$9,875,795
<b>Bridge Projects</b>							<b>\$29,132,043</b>
210327	I-20 Bridge over Augusta Canal and Savannah River	GA	SC	Construct six lane bridge	CST	\$25,876,515	\$27,482,043
0013604	SR 4/US 1 Bridge Replacement	SR 4/US 1	South Prong Creek	Replacement	CST	\$1,553,605	\$1,650,000

SCP - Scoping; PE -Preliminary Engineering; UTL - Utilities; ROW - Right of Way; CST - Construction; All - PE, ROW, & CST

Table 62: Tier 2 (2019-2029) Program of Projects Georgia (continued)

Georgia 2019-2029 Projects							
GDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars	Year of Expenditure Dollars
<b>Operational Improvements and Median Improvements</b>							<b>\$74,479,838</b>
LR-65	Old Waynesboro Road	SR 56 (Mike Padgett Hwy)	Hephzibah-McBean Road	Construct turn lanes.	PE	\$78,322	\$83,182
					ROW	\$3,102,566	\$3,295,067
					UTL	\$1,446,920	\$1,536,695
					CST	\$979,035	\$1,039,780
LR-62	15th Street Pedestrian Improvement Project	John C Calhoun Expressway	15th Street CSX Overpass	Construct medians and upgrade traffic signals along 15th Street	UTL	\$3,766,316	\$4,000,000
					CST	\$8,662,527	\$9,200,000
0013704	Hardy Mcmanus Road	William Few Parkway	Furys Ferry Road	2 to 3 lanes	CST	\$15,583,133	\$16,550,000
0008352	Stevens Creek Road	Evans-to-Locks Road (SCP 11236)	Riverwatch Parkway (SR 104)	Widen to 3 lanes	ROW	\$3,576,346	\$3,798,243
					UTL	\$6,160,526	\$6,542,760
					CST	\$26,772,963	\$28,434,111
<b>Intersection and Safety Improvements</b>							<b>\$10,562,523</b>
LR-82	SR 56 at Dixon Airline Road Safety Improvements	SR 56 (Mike Padgett Hwy)	Dixon Airline Road	Deceleration lanes, widen lane widths and bridge, improve signage, evaluate need for signalized traffic control.	PE	\$298,464	\$316,982
					ROW	\$537,114	\$570,440
					UTL	\$482,307	\$512,232
					CST	\$3,730,800	\$3,962,280
LR-83	SR 56 at Marvin Griffin Road Safety Improvements	SR 56 (Mike Padgett Hwy)	Marvin Griffin Road	Widen turn radii, improve road signage, improve detector gaps, widen throat	PE	\$3,795	\$4,030
					ROW	\$243,682	\$258,801
					UTL	\$107,906	\$114,601
					CST	\$47,437	\$50,380
LR-84	SR 56 at Apple Valley Drive Safety Improvements	SR 56 (Mike Padgett Hwy)	Apple Valley Drive	Decrease concrete island or increase turning radii, increase throat, construct new access, add street lighting.	PE	\$3,795	\$4,030
					ROW	\$67,980	\$72,198
					UTL	\$107,906	\$114,601
					CST	\$47,437	\$50,380
LR-85	SR 56 at Old Waynesboro Road Safety Improvements	SR 56 (Mike Padgett Hwy)	Old Waynesboro Road	Widen lane widths, lower speed limit	PE	\$187,253	\$198,871
					ROW	\$313,260	\$332,696
					UTL	\$482,307	\$512,232
					CST	\$2,340,662	\$2,485,890
ARTS_C_8 4	Old Berzalia Road and Harlem Grovetown Road Roundabout	Old Berzalia Road	Harlem Grovetown Road	Insert roundabout at Old Berzalia Road and Harlem Grovetown Road	PE	\$69,878	\$74,214
					CST	\$873,470	\$927,665

SCP - Scoping; PE -Preliminary Engineering; UTL - Utilities; ROW - Right of Way; CST - Construction; All - PE, ROW, & CST

Table 62: Tier 2 (2019-2029) Program of Projects Georgia (continued)

Georgia 2019-2029 Projects							
GDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars	Year of Expenditure Dollars
<b>Railroad Crossing Improvements</b>							<b>\$53,249</b>
LR-87	Norfolk Southern Doug Barnard Pkwy Rail Crossing Safety Improvements	Doug Barnard Parkway	Norfolk Southern Railroad	Correct hump, move pavement markings	CST	\$29,429	\$31,255
LR-88	CSX at 15th Street Rail Crossing Safety Improvements	15th Street	CSX Railroad	Install W10-2 and W10-1 and develop signal plan	CST	\$6,267	\$6,656
LR-89	CSX at Broad Street Rail Crossing Safety Improvements	Broad Street	CSX Railroad	Improve signal timing plan	CST	\$2,997	\$3,183
LR-90	CSX at Walton Way/12th St. Rail Crossing Improvements	Walton Way/12th Street	CSX Railroad	Redo railroad pre-emption sequence, improve signage, install w10-1 and pavement markings	CST	\$11,445	\$12,155
<b>Bicycle and Pedestrian Improvements</b>							<b>\$20,976,023</b>
	Bike/Ped Bridge Over Savannah River	SC	GA	Bike/Ped bridge adjacent to the 5th street bridge. Split with SC.	PE	\$1,583,683	\$1,681,944
					ROW	\$603,236	\$640,665
					UTL	\$17,167	\$18,232
					CST	\$1,979,598	\$2,102,424
BP_1	15th Street Bike Lanes	John C Calhoun Expressway	Broad Street	Striped bike lane	CST	\$4,721	\$5,013
BP_2	5th Street Shared Lane Markings	Broad Street	5th Street Bridge	Share lane markings	CST	\$1,470	\$1,561
BP_3	North Belair Road Bike Lanes	Columbia Road	Town Park Lane	Striped bike lane	CST	\$33,044	\$35,094
BP_4	Wrightsboro Rd. Paved Shoulders	Jimmie Dyess Parkway	Lewiston Road	Shared shoulder	CST	\$150,534	\$159,874
BP_5	Ellis Street Bike Route	James Brown Boulevard	E Boundary Street	Bike Route	CST	\$2,666	\$2,832
BP_6	5th Street Bridge Multiuse path	Riverwalk Marina	Jefferson Davis Highway	Multiuse path	CST	\$138,542	\$147,138
BP_7	Central Avenue Buffered Bike Lane	Monte Sano Avenue	Druid Park Avenue	Buffered bike lane	CST	\$19,407	\$20,611
BP_8	Henry Street Bike Route	Fleming Avenue	Bransford Road	Bike route	CST	\$2,164	\$2,298
BP_9	McDowell Street Bike Route	Arsenal Avenue	Merry Street	Bike route	CST	\$3,409	\$3,621
BP_10	Bransford Ave - McAnally St Bike Route	Merry Street	Emmett Avenue	Bike route	CST	\$677	\$720

Table 62: Tier 2 (2019-2029) Program of Projects Georgia (continued)

Georgia 2019-2029 Projects							
GDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars	Year of Expenditure Dollars
<b>Bicycle and Pedestrian Improvements</b>							<b>\$20,976,023</b>
BP_11	4th Street Shared lane markings	Laney Walker Boulevard	Broad Street	Bike route	CST	\$2,054	\$2,182
BP_12	Central Avenue Striped Bike Lanes	Druid Park Avenue	15th Street	Share lane markings	CST	\$1,634	\$1,735
BP_13	Laney Walker Boulevard Striped Bike Lanes	E Boundary Street	15th Street	Striped bike lane	CST	\$24,967	\$26,516
BP_14	Olive Road Striped Bike Lanes	Heard Avenue	Gordon Highway	Striped bike lane	CST	\$17,728	\$18,828
BP_15	Old Evans Road Striped Bike Lanes	Washington Road S	Washington Road N	Striped bike lane	CST	\$990,557	\$1,052,017
BP_16	10th Street Bike Route	Wrightsboro Road	Dantignac Street	Bike route	CST	\$1,268	\$1,346
BP_17	Wrightsboro Road Striped Bike Lane	Druid Park Avenue	James Brown Boulevard	Striped bike lane	CST	\$13,532	\$14,372
BP_SUM	Bicycle and Pedestrian Lump Sum			Additional bicycle and pedestrian improvements with a focus on projects from the 2012 Bicycle and Pedestrian Plan	All	\$14,123,686	\$15,000,000
REC-1	Lump Sum			Lump Sums for DNR Recreational Trails; Consultant Services; and Contract Construction Oversight.	CST	\$34,838	\$37,000
<b>ATMS and ITS Projects</b>							<b>\$4,953,158</b>
ATMS_ITS	Implementation of ATMS Master Plan Projects Mid Term - Engineering and Construction			Lump	All	\$4,663,790	\$4,953,158
<b>Transit Capital Funds</b>							<b>\$32,876,140</b>
	Augusta Transit Capital Projects	Urban Area		Lump Sum	Lump		\$32,202,936
	Richmond Rural Transit Capital Projects	Rural Area		Lump Sum	Lump		\$269,866
	Columbia Transit Capital Projects	Rural Area		Lump Sum	Lump		\$403,338

SCP - Scoping; PE -Preliminary Engineering; UTL - Utilities; ROW - Right of Way; CST - Construction; All - PE, ROW, & CST

**Table 62: Tier 2 (2019-2029) Program of Projects Georgia (continued)**

Georgia 2019-2029 Projects							
GDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars	Year of Expenditure Dollars
<b>Transit Operating Funds</b>							<b>\$1,779,082</b>
	Augusta Transit Operating	Urban Area		Lump Sum	Lump		
	Richmond Rural Transit Operating	Rural Area		Lump Sum	Lump		\$644,197
	Columbia Transit Operating	Rural Area		Lump Sum	Lump		\$1,134,885
<b>Maintenance and Operations, etc.</b>							<b>\$56,457,630</b>
TEA-1	Transportation Enhancement Projects			Transportation Enhancement Projects	CST	\$522,576	\$555,000
SAFETY-LUMP-1	Various Lump Sum Improvement Projects			Unspecified Safety Improvements Using Various Funds	CST	\$225,037	\$239,000
Maintenance	Maintenance, Operations, Safety, Enhancements, Railroad, Recreational Trails			M001, M300, M230, MS30, MS40, MS50, M940	All	\$52,411,707	\$55,663,630
<b>Total Expenditures</b>						<b>\$530,306,894</b>	<b>\$563,210,172</b>
<b>Funds Available</b>						<b>\$595,217,965</b>	<b>\$632,148,697</b>
<b>Difference</b>						<b>\$64,911,071</b>	<b>\$68,938,525</b>

SCP - Scoping; PE -Preliminary Engineering; UTL - Utilities; ROW - Right of Way; CST - Construction; All - PE, ROW, & CST

**Table 63: Tier 2 (2019-2029) Program of Projects South Carolina**

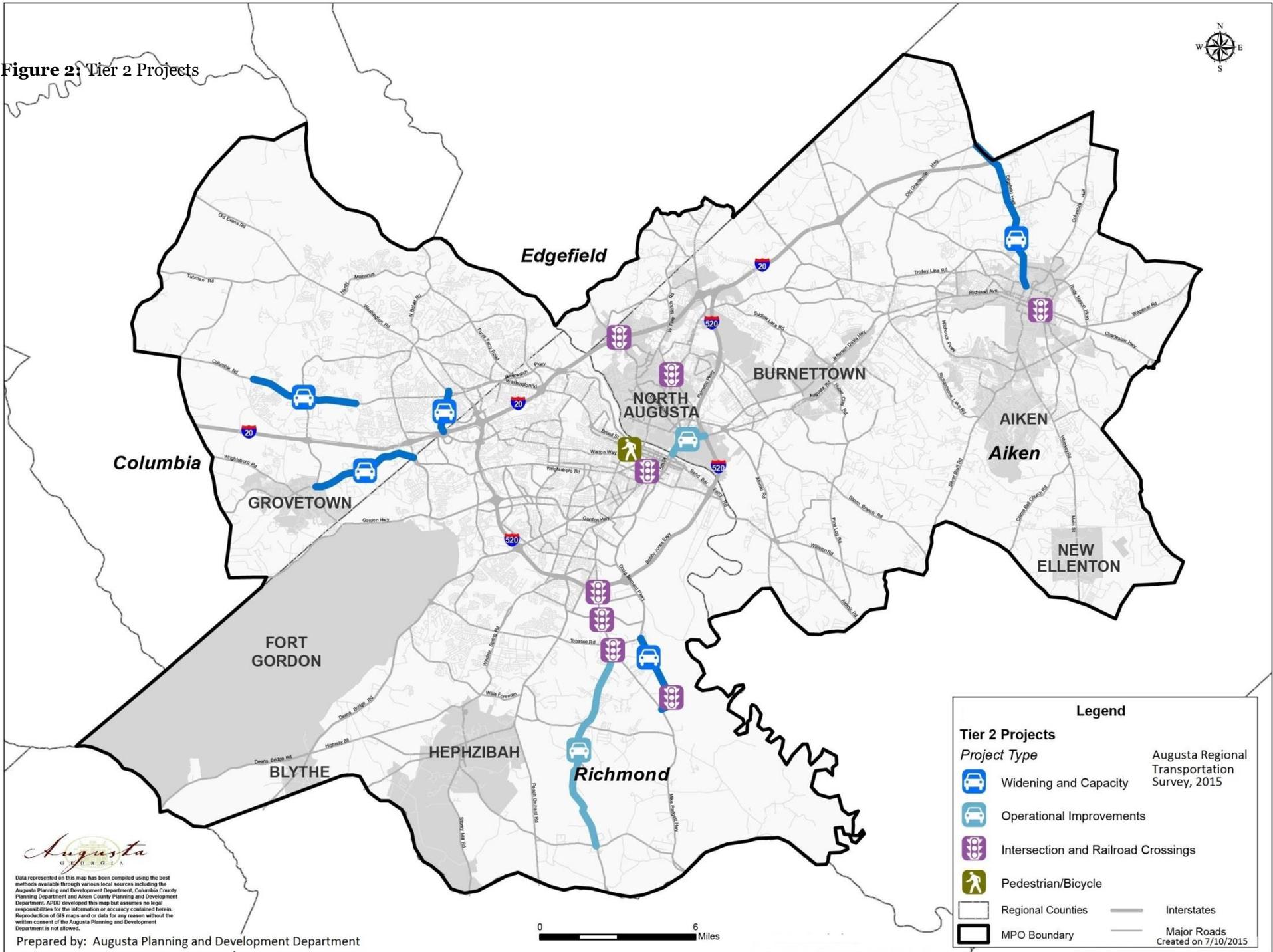
South Carolina 2019-2029 Projects							
SCDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars	Year of Expenditure Dollars
<b>Widening Projects</b>							<b>\$34,646,705</b>
	Edgefield Highway (SC 19)	SC 118 (University Parkway)	S-153 Shiloh Church Road	2 to 4 lanes	All	\$28,889,708	\$34,646,705
<b>Bridge Projects</b>							<b>\$27,076,336</b>
	I-20 Bridge over Augusta Canal and Savannah River	GA	SC	4 to 6 lanes	CST	\$22,577,254	\$27,076,336
<b>Intersection and Safety Improvements</b>							<b>\$4,701,043</b>
	Georgia/Knox Ave and Five Notch/Bradyville Road	Georgia/Knox Avenue	Five Notch/Bradyville Road	Realignme nt, turn lanes	All	\$1,601,356	\$1,920,467
	I-20 and Martintown Road	I-20	Martintown Road	Reconfigur ation, turn signals	All	\$2,318,548	\$2,780,577
<b>Operational Improvements and Median Improvements</b>							<b>\$17,687,541</b>
	Aiken-Augusta Highway	Savannah River	I-520 (Palmetto Parkway)	Interchang e, operational improve ments	All	\$8,952,158	\$10,736,099
	Dougherty Road	Silver Bluff Road	Whiskey Road	Landscape d median, sidewalks	All	\$5,796,370	\$6,951,442
<b>Railroad Crossing Improvements</b>							<b>\$29,057</b>
	NS at Park Avenue/Williamsburg Lane/Staubes Lane	Norfolk Southern Railroad	Park Avenue/Williamsburg Lane	Railroad Improve ment	All	\$24,229	\$29,057

**Table 63: Tier 2 (2019-2029) Program of Projects South Carolina (continued)**

South Carolina 2019-2029 Projects							
SCDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars	Year of Expenditure Dollars
<b>Bicycle and Pedestrian Improvements</b>							<b>\$3,118,117</b>
	Bike/Ped Bridge Over Savannah River	SC	GA	Bridge adjacent to 5th street bridge	ROW	\$603,236	\$723,446
					UTL	\$17,167	\$20,588
					CST	\$1,979,598	\$2,374,083
<b>Transit Capital Funds</b>							<b>\$7,645,975</b>
	Transit Capital Projects			Lump	All	\$6,750,724	\$7,645,975
<b>Transit Operating Funds</b>							<b>\$12,815,706</b>
	Transit Operations			Lump	All	\$6,059,092	\$12,815,706
<b>Transit Planning Funds</b>							<b>\$1,150,950</b>
	Transit Planning			Lump	All	\$701,374	\$1,150,950
<b>Total Expenditures</b>						<b>\$89,462,054</b>	<b>\$108,634,561</b>
<b>Funds Available</b>						<b>\$93,708,914</b>	<b>\$112,382,758</b>
<b>Difference</b>							<b>\$3,748,197</b>

SCP - Scoping; PE -Preliminary Engineering; UTL - Utilities; ROW - Right of Way; CST - Construction; All - PE, ROW, & CST

Figure 2: Tier 2 Projects



**Legend**

**Tier 2 Projects**

	Widening and Capacity	Augusta Regional Transportation Survey, 2015	
	Operational Improvements		
	Intersection and Railroad Crossings		
	Pedestrian/Bicycle		
	Regional Counties		
	MPO Boundary		Interstates
			Major Roads

Created on 7/10/2015

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Data represented on this map has been compiled using the best methods available through various local sources including the Augusta Planning and Development Department, Columbia County Planning Department and Aiken County Planning and Development Department. APD developed this map but assumes no legal responsibilities for the information or accuracy contained herein. Reproduction of GIS maps and/or data for any reason without the written consent of the Augusta Planning and Development Department is not allowed.

### Funding Priorities Tier 3 (2030-2040)

Long Range transportation projects for Tier 3 cover the years 2030-2040. The projects for Georgia and South Carolina are presented in Tables 64 and 65, and in Figure 73.

**Table 64: Tier 3 (2030-2040) Program of Projects Georgia**

Georgia 2030-2040 Projects							
GDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars	Year of Expenditure Dollars
<b>Widening Projects</b>							<b>\$353,162,427</b>
0008354	US 78 / SR 10	Robinson Avenue	Fort Gordon Gate 1	4 to 6 lanes	PE	\$2,805,664	\$3,324,405
					ROW	\$10,349,818	\$12,263,404
					UTL	\$8,443,638	\$10,004,789
					CST	\$35,070,800	\$41,555,068
LR-77	Bobby Jones (I-520)	US 1 (Deans Bridge Road)	SR 56 (Mike Padgett Hwy)	4 to 6 lanes	PE	\$4,770,497	\$5,652,518
					CST	\$59,631,212	\$70,656,475
221805	SR 104	CR 1427 (William Few Parkway)	CR 578 (Tubman Road)	2 to 4 lanes	PE	\$2,083,914	\$2,469,211
					ROW	\$2,689,402	\$3,186,648
					UTL	\$7,560,420	\$8,958,272
					CST	\$26,048,926	\$30,865,133
ARTS_C_114	Evans to Locks Rd Widening and Roundabout	Town Centre Blvd	Furys Ferry Road	2 to 4 lanes	PE	\$2,055,443	\$2,435,476
					ROW	\$13,944,204	\$16,522,359
					UTL	\$3,240,581	\$3,839,735
					CST	\$25,693,040	\$30,443,447
ARTS_C_81	Wrightsboro Rd Widening C	Harlem-Grovetown Road	Louisville Road	2 to 4 lanes	PE	\$2,073,599	\$2,456,988
					ROW	\$15,676,625	\$18,575,089
					UTL	\$8,371,650	\$9,919,491
					CST	\$25,919,985	\$30,712,352
ARTS_R_214	Highway 88 Widening	Keysville Road	Windsor Spring Road	2 to 4 lanes	PE	\$1,168,919	\$1,385,041
					ROW	\$3,500,591	\$4,147,818
					UTL	\$2,224,179	\$2,635,409
					CST	\$14,611,482	\$17,313,011
ARTS_R_25	Doug Barnard Parkway Widening	Tobacco Road	Mike Padgett Highway	2 to 4 lanes	CST	\$7,786,505	\$9,226,158

SCP - Scoping; PE -Preliminary Engineering; UTL - Utilities; ROW - Right of Way; CST - Construction; All - PE, ROW, & CST

**Table 64: Tier 3 (2030-2040) Program of Projects Georgia (continued)**

Georgia 2030-2040 Projects							
GDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars	Year of Expenditure Dollars
<b>Operational Improvements and Median Improvements</b>							<b>\$85,056,150</b>
245200	North Belair Road	Evans to Locks Rd	SR 28 (Furys Ferry Road)	Widen 2 to 3 lanes	PE	\$1,426,996	\$1,690,834
					ROW	\$3,367,331	\$3,989,920
					UTL	\$3,668,013	\$4,346,195
					CST	\$17,837,456	\$21,135,438
ARTS_C_HAL1	Halali Farm Road Widening and New Alignment	SR 104 (Washington Road)	Hereford Farm Road	New alignment and existing widening	PE	\$1,604,630	\$1,901,311
					ROW	\$4,899,002	\$5,804,782
					UTL	\$959,838	\$1,137,303
					CST	\$20,057,872	\$23,766,388
ARTS_C_OLDEVANS	Old Evans Rd Widening	Riverwatch Parkway	SR 104 (Washington Road)	Widen 2 to 3 lanes	PE	\$1,054,074	\$1,248,963
					ROW	\$1,510,866	\$1,790,211
					UTL	\$2,221,950	\$2,632,768
					CST	\$13,175,929	\$15,612,037
<b>Bridge Improvements</b>							<b>\$2,580,575</b>
245205	North Belair Road at CSX Railroad	North Belair Road	CSX Railroad	Widen 2 to 3 lanes, with wide shoulders	CST	\$2,177,901	\$2,580,575

SCP - Scoping; PE -Preliminary Engineering; UTL - Utilities; ROW - Right of Way; CST - Construction; All - PE, ROW, & CST

**Table 64: Tier 3 (2030-2040) Program of Projects Georgia (continued)**

Georgia 2030-2040 Projects							
GDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars	Year of Expenditure Dollars
<b>Bicycle and Pedestrian Improvements</b>							<b>\$20,096,430</b>
BP_SUM	Bicycle and Pedestrian Improvements			Additional bicycle and pedestrian improvements with a focus on projects from the 2012 Bicycle and Pedestrian Plan	All	\$16,879,193	\$20,000,000
REC-1	Lump Sum			Lump Sums for DNR Recreational Trails; Consultant Services; and Contract Construction Oversight.	CST	\$31,227	\$37,000
Safety Lump -2	Safe Routes to School Program/TAP			Lump Sums	CST	\$50,157	\$59,430
<b>Park and Ride Facility Projects</b>							<b>\$84,713</b>
	US 1 (Deans Bridge Rd) Southwest Park And Ride			Park and ride lot at Tobacco Road (SE Quad)	PE	\$71,494	\$84,713
					ROW	\$1,408,805	\$1,669,280
					UTL	\$57,223	\$67,803
					CST	\$893,673	\$1,058,905
<b>ATMS and ITS Projects</b>							<b>\$12,003,510</b>
	Implementation of ATMS Master Plan Projects Long Term - Engineering and Construction			Lump	All	\$10,130,478	\$12,003,510
<b>Transit Capital Funds</b>							<b>\$36,678,870</b>
	Augusta Transit Capital Projects	Urban Area		Lump Sum	Lump		\$35,927,797
	Richmond Rural Transit Capital Projects	Rural Area		Lump Sum	Lump		\$301,081
	Columbia Transit Capital Projects	Rural Area		Lump Sum	Lump		\$449,992
<b>Transit Operating Funds</b>							<b>\$1,984,865</b>
	Augusta Transit Operating	Urban Area		Lump Sum	Lump		
	Richmond Rural Transit Operating	Rural Area		Lump Sum	Lump		\$718,710
	Columbia Transit Operating	Rural Area		Lump Sum	Lump		\$1,266,155

SCP - Scoping; PE -Preliminary Engineering; UTL - Utilities; ROW - Right of Way; CST - Construction; All - PE, ROW, & CST

**Table 64: Tier 3 (2030-2040) Program of Projects Georgia (continued)**

Georgia 2030-2040 Projects							
GDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars	Year of Expenditure Dollars
<b>Maintenance and Operations, etc.</b>							<b>\$68,773,231</b>
TEA-1	Transportation Enhancement Projects			Transportation Enhancement Projects	CST	\$468,398	\$555,000
SAFETY-LUMP-1	Various Lump Sum Improvement Projects			Unspecified Safety Improvements Using Various Funds	CST	\$201,706	\$239,000
Maintenance	Maintenance, Operations, Safety, Enhancements, Railroad, Recreational Trails			M001, M300, M230, MS30, MS40, MS50, M940	All	\$57,371,726	\$67,979,231
<b>Total Expenditures</b>						<b>\$487,673,797</b>	<b>\$577,840,196</b>
<b>Funds Available</b>						<b>\$585,325,735</b>	<b>\$693,547,080</b>
<b>Difference</b>						<b>\$97,651,939</b>	<b>\$115,706,884</b>

SCP - Scoping; PE -Preliminary Engineering; UTL - Utilities; ROW - Right of Way; CST - Construction; All - PE, ROW, & CST

**Table 65: Tier 3 (2030-2040) Program of Projects South Carolina**

South Carolina 2030-2040 Projects							
SCDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars	Year of Expenditure Dollars
<b>Widening Projects</b>							<b>\$68,277,859</b>
	Atomic Road	Old Edgefield Road	Jefferson Davis Highway	Widen 2 to 4 lanes	All	\$22,011,333	\$36,540,529
	Charleston Highway	SC 302 (Pine Log Road)	S-507 (Old Dibble Road)	Widen 2 to 4 lanes	All	\$5,025,597	\$8,342,883
	I-20	Savannah River	US 25 (Edgefield Road)	Widen to 6 lanes.	All	\$14,092,378	\$23,394,447
<b>New Facility Projects</b>							<b>\$11,975,799</b>
	Bergen-Five Notch Collector	Bergen Road	Gregory Lake Road	New 2 lane roadway	All	\$6,750,288	\$11,206,005
	East Gate extension from Whiskey Road to Athol Ave	East Gate Drive	Athol Avenue	New 2 lane roadway with median	All	\$463,710	\$769,794
<b>Operational Improvements and Median Improvements</b>							<b>\$2,694,280</b>
	East Buena Vista Ave	Barton Road	Martintown Road	Widen to 2 through lanes	All	\$1,622,984	\$2,694,280
<b>Improvements</b>							<b>\$13,338,787</b>
	Five Notch Road and Pisgah Road	Fine Notch Road	Pisgah Road	Realign intersection and add turn lanes. Completed with Five Notch Road widening project.	All	\$1,587,417	\$2,635,236
	Five Notch Road and Walnut Lane	Five Notch Road	Walnut Lane	Realign intersection to a T intersection. Completed with Five Notch Road widening project.	All	\$3,897,216	\$131,158,521
	West Martintown Rd and Knobcone Ave Intersection	West Martintown Road	Knobcone Avenue	Intersection improvements	All	\$2,550,403	\$133,925,058

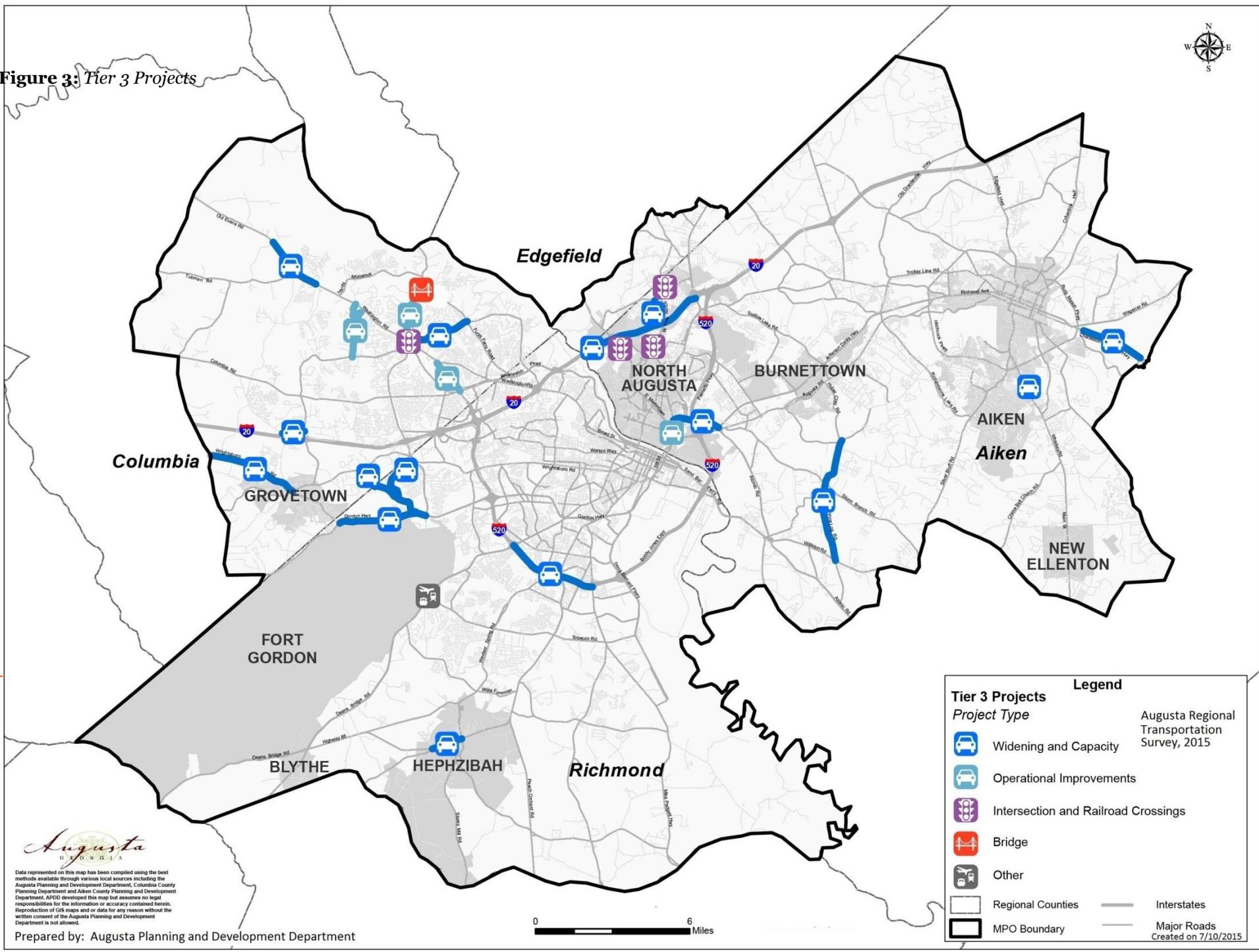
SCP - Scoping; PE -Preliminary Engineering; UTL - Utilities; ROW - Right of Way; CST - Construction; All - PE, ROW, &amp; CST

**Table 65: Tier 3 (2030-2040) Program of Projects South Carolina (continued)**

South Carolina 2030-2040 Projects							
SCDOT PI#	Project Name	From	To	Description	Phase	2015 Dollars	Year of Expenditure Dollars
<b>Bicycle and Pedestrian Improvements</b>							<b>\$10,759,268</b>
	University Parkway Greenway	Robert M Bell Parkway	SC 19 (Edgefield Highway)	Greenway	All	\$4,659,388	\$7,734,947
	Atomic Rd. Greenway	Buena Vista Avenue	Palmetto Parkway	Greenway	All	\$602,311	\$999,883
	S Aiken Lane	E Pine Log Road	Corporate Parkway	Multi Use Path	All	\$454,574	\$754,629
	SC 19 Striped Bike Lane	Hampton Avenue	Shiloh Heights Road	Striped Bike Lane	All	\$764,909	\$1,269,808
<b>Transit Capital Funds</b>							<b>\$9,032,423</b>
	Transit Capital Projects			Lump	All	\$5,440,963	\$9,032,423
<b>Transit Operating Funds</b>							<b>\$8,107,023</b>
	Transit Operations			Lump	All	\$4,883,519	\$8,107,023
<b>Transit Planning Funds</b>							<b>\$938,434</b>
	Transit Planning			Lump	All	\$565,295	\$938,434
<b>Total Expenditures</b>						<b>\$75,721,990</b>	<b>\$131,158,521</b>
<b>Funds Available</b>						<b>\$120,702,307</b>	<b>\$133,925,058</b>
<b>Difference</b>							<b>\$2,766,537</b>

SCP - Scoping; PE -Preliminary Engineering; UTL - Utilities; ROW - Right of Way; CST - Construction; All - PE, ROW, & CST

**Figure 3: Tier 3 Projects**



Tier 3 Projects		Legend	
<i>Project Type</i>		Augusta Regional Transportation Survey, 2015	
	Widening and Capacity		Regional Counties
	Operational Improvements		MPO Boundary
	Intersection and Railroad Crossings		Interstates
	Bridge		Major Roads
	Other		Created on 7/10/2015

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Table 55 presents the planning level cost estimates in YOE dollars for the Transportation Vision 2040 LRTP projects according to the three constrained tiers. Tier 1 amounts (2015-2018) are currently programmed dollars identified in the 2015-2018 TIP. Tiers 2 and 3 are expenditures financially constrained to the projected revenue.

**Table 55: Year-of-Expenditures by Tier and State**

<b>Georgia</b>			
<b>Time Period/Tier</b>	<b>Projected Revenues</b>	<b>Year-of-Expenditure Dollars</b>	<b>Revenues – Expenditures Remaining Revenues</b>
FY 2015 to FY 2018	\$245,069,185	\$137,036,837	\$108,032,348
FY 2019 to FY 2029	\$632,148,697	\$563,210,172	\$68,938,525
FY 2030 to FY 2040	\$693,547,080	\$577,840,196	\$115,706,884
<b>Total</b>	<b>\$1,570,764,962</b>	<b>\$1,278,087,205</b>	<b>\$292,677,757</b>
<b>South Carolina</b>			
<b>Time Period/Tier</b>	<b>Projected Revenues</b>	<b>Year-of-Expenditure Dollars</b>	<b>Revenues – Expenditures Remaining Revenues</b>
FY 2015 to FY 2018	\$75,356,742	\$70,048,760	\$5,307,982
FY 2019 to FY 2029	\$112,382,758	\$108,634,562	\$3,748,196
FY 2030 to FY 2040	\$133,925,058	\$131,158,521	\$2,766,537
<b>Total</b>	<b>\$321,664,558</b>	<b>\$309,841,843</b>	<b>\$11,822,715</b>
<b>Total ARTS</b>	<b>\$1,892,429,520</b>	<b>\$1,587,929,047</b>	<b>\$304,500,473</b>

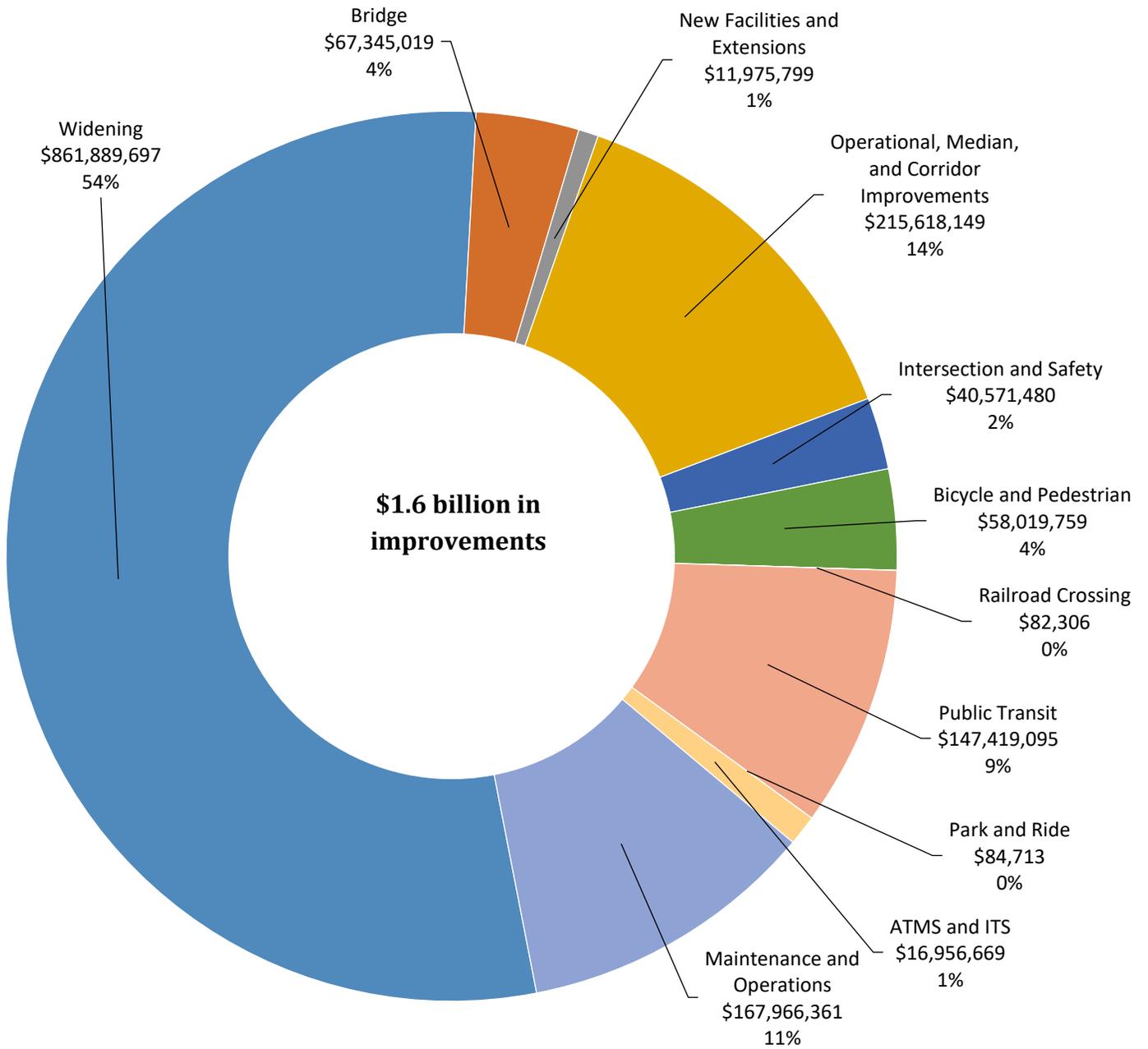
Source: GDOT, SCDOT, Aiken County, Columbia County, Richmond County, Augusta Public Transit, Aiken Area Council on Aging, Best Friend Express and ARTS Staff.

### Expenditures by Improvement Type

Approximately \$1.62 billion of improvements have been identified in the ARTS Transportation Vision 2040 LRTP update. This total amount accounts for all multimodal projects that are programmed in the LRTP. Figure 66 shows a breakdown of the improvements by project type. The majority of projects deal with roadway capacity improvements, accounting for over half of the project costs (58%). Although substantial investments in capacity improvements are proposed in response to increased roadway congestion, project costs also accommodate multimodal pedestrian and bicycle improvements. Pedestrian and bicycle improvements are included by default in many roadway capacity improvements. Both states, GA and SC require bicycle and pedestrian facilities on applicable roadways and the 2012 Bicycle and Pedestrian Plan serves as a recommended guide for additional multimodal improvements on all roadway projects.

The second largest expenditures come from operational, median, and corridor improvements, accounting for 14% of the total amount. These projects tackle congestion by increasing roadway efficiency and traffic safety. Maintenance and operations makes up 11% of the total. Maintaining the quality of the current multimodal transportation network is an important Transportation Vision 2040 objective and was an issue frequently talked about by citizens at community meetings. The summary of projects for each tier for both South Carolina and Georgia can be found in Tables 56 and 57.

**Figure 66: Total Projected Expenditures by Improvement Type (GA. and SC.)**



**Table 56: Georgia Total Projected Expenditures by Improvement Type**

Georgia Expenditures Expenditures by Type	Tier 1		Tier 2		Tier 3		Total	
	#	%	#	%	#	%	#	%
Widening	\$52,597,221	38%	\$331,940,486	59%	\$353,162,427	61%	\$737,700,134	58%
Bridges	\$2,715,640	2%	\$29,132,043	5%		0%	\$31,847,683	3%
New Facilities and Extensions	\$0	0%	\$0	0%	\$0	0%	\$0	0%
Operational, Median, and Corridor Improvements	\$16,780,340	12%	\$74,479,838	13%	\$85,056,150	15%	\$176,316,328	14%
Intersection and Safety	\$6,292,127	5%	\$10,562,523	2%	\$0	0%	\$16,854,650	1%
Bicycle and Pedestrian	\$2,101,030	2%	\$20,976,023	4%	\$20,096,430	4%	\$43,173,483	3%
Railroad Crossings	\$0	0%	\$53,249	0%	\$0	0%	\$53,249	0%
Public Transit	\$18,785,979	14%	\$34,655,222	6%	\$38,663,735	7%	\$92,104,936	7%
Park and Ride Facilities	\$0	0%	\$0	0%	\$84,713	0%	\$84,713	0%
ATMS and ITS	\$0	0%	\$4,953,158	1%	\$12,003,510	2%	\$16,956,669	1%
Maintenance and Operations	\$37,764,500	28%	\$56,457,630	10%	\$68,773,231	12%	\$162,995,361	13%
<b>Total</b>	<b>\$137,036,837</b>	<b>100%</b>	<b>\$563,210,172</b>	<b>100%</b>	<b>\$577,840,196</b>	<b>100%</b>	<b>\$1,278,087,205</b>	<b>100%</b>

Source: ARTS

**Table 57: South Carolina Total Projected Expenditures by Improvement Type**

South Carolina Expenditures Expenditures by Type	Tier 1		Tier 2		Tier 3		Total	
	#	%	#	%	#	%	#	%
Widening	\$21,265,000	30%	\$34,646,705	32%	\$68,277,859	12%	\$124,189,563	40%
Bridges	\$8,421,000	12%	\$27,076,336	25%		0%	\$35,497,336	12%
New Facilities and Extensions		0%		0%	\$11,975,799	2%	\$11,975,799	4%
Operational, Median, and Corridor Improvements	\$18,920,000	27%	\$17,687,541	16%	\$2,694,280	1%	\$39,301,821	13%
Intersection and Safety	\$5,677,000	8%	\$4,701,043	4%	\$13,338,787	2%	\$23,716,831	8%
Bicycle and Pedestrian	\$1,205,760	2%	\$2,881,248	3%	\$10,759,268	2%	\$14,846,276	5%
Railroad Crossings		0%	\$29,057	0%		0%	\$29,057	0%
Public Transit	\$9,589,000	14%	\$21,612,631	20%	\$24,112,528	4%	\$55,314,159	18%
Park and Ride Facilities		0%		0%		0%	\$0	0%
ATMS and ITS		0%		0%		0%	\$0	0%
Maintenance and Operations	\$4,971,000	7%		0%		0%	\$4,971,000	2%
<b>Total</b>	<b>\$70,048,760</b>	<b>100%</b>	<b>\$108,634,562</b>	<b>100%</b>	<b>\$131,158,521</b>	<b>22.70%</b>	<b>\$309,841,843</b>	<b>100%</b>

Source: ARTS