

June 3, 2024



## 2024 Richland County Transportation Needs Assessment

### Central Midlands COG

Project Type	Project Name	From	To	Council District	2024 Base Project Cost (Millions)
Widening	Two Notch Road US 1 Pontiac	Richland County Line	S-53 Spears Creek	9	38.3
Widening	Kennerly Rd S-129	Hollingshed Rd	Broad River Rd	1, 2	17.3
Widening	Shady Grove Rd	Broad River Rd	Koon Rd	1	33.6
Widening	Broad River Rd US 176 North	I-26	Chapin Rd	1	46.2
Widening	Lost Creek Rd	Broad River Rd	Boat Ramp Rd	1, 2	38.8
Widening	Hardscrabble Rd North	Langford Rd	Kelly Mill Rd	2,8,9	13.6
Widening	Rauch Metz Road	Dutch Fork Rd	Broad River Rd (US176)	1	20.4
Intersection	SC 60 & Columbiana Drive			2	4.2
Intersection	Lawton Street & Monticello Road			4	4.2
Intersection	Broad River Road & Shivers Road			2, 4	4.2
Intersection	Broad River Road & Riverhill Circle			4, 5	4.2
Intersection	Broad River Road & Piney Woods			2, 4	4.2
Intersection	SC 6 at Village Lane			1	2.8
Intersection	SC 6 at Leamington Way			1	2.8
Intersection	Frye Road & US 21			3	3.9
Intersection	Hollingshed at Lost Creek Dr			1	2.8
Intersection	Hollingshed at Raintree Dr			1	2.8
Intersection	Browning Road (Frontage Rd) S-2892 & Zimelcrest Dr S-672			5	3.9
Intersection	Broad River Road & Hopewell Church Road			1	3.9
Intersection	Sparkleberry Lane & Wotan Road			9	3.9
Intersection	Sparkleberry Lane & Viking Drive			9	4.1
Intersection	Kennerly Rd S-217 & Old Tamah Rd S-244			1	5.4
Intersection	Bluff Road & St Marks Road			10	5.5
Intersection	SC 16 (Beltline Blvd) / S-228 (English Ave.)			4	3.9
Bikeway	Two Notch	N. Beltline Blvd	Decker Blvd	3	1
Bikeway	Decker	Two Notch Rd	Percival Rd	3	1
Bikeway	Broad River	Lake Murray Blvd	Greystone Blvd	1	1
Bikeway	Lady	Huger St	Park St	5	1
Bikeway	Saluda	Wheat St	Blossom St/ Devine St/ Greene St	5	1
Bikeway	Hampton St	Huger St	Sumter St	5	1
Bikeway	Washington	Wayne St	Pickens St	4,5	1
Bikeway	Lincoln St	Lady St	College	5	1
Bikeway	Pickens	Park Cir	Wheat St	5	1
Bikeway	Gervais	Park St	Millwood Ave	4,5,3	1
Bikeway	Pickens	Wheat St	Calway Alley	5	1
Bikeway	Greene	Pickens St	Saluda Ave	5	1
Bikeway	Harrison	Two Notch Rd	Forest Dr	3,6	1
Bikeway	Beltline	Valley Rd	Forest Dr	3	1
Bikeway	Assembly St	Calhoun St	Blossom St	4	1
Bikeway	Catawba	Lincoln St	Sumter St	5	1
Bikeway	Whaley	Lincoln St	Pickens St	5	1
Bikeway	Devine St	Harden St	Millwood Ave	5,6	1
Bikeway	Bluff	Norfolk Southern RR	Virginia St	10	1
Bikeway	Covenant	Two Notch Rd	Bethel Church Rd	6,3	1
Bikeway	Wayne	Elmwood Ave	Hampton St	5,4	1
Bikeway	King	Wheat St	Blossom St	5	1
Bikeway	Wheat St	Pickens St	Harden St	5	1
Bikeway	Henderson	Wheat St	St. James St	5	1
Bikeway	Wheat	Harden St	King St	5	1
Remaining 2012 Richland Penny Projects					
Project Type	Project Name	From	To	District	Base Cost
Widening	Pineview Road	Shop Rd	Bluff Rd	10	9
Widening	Broad River Road	I-26 (Exit 97)	Dutch Fork Rd	1	21.6
Widening	Polo Rd	Two Notch Rd	Mallet Hill	8,9,10	20.7
Greenway	Woodbury\Old Leesburg Conn	Connects Woodbury Drive with Old Leesburg Road		11	0.9
Greenway	Dutchman Blvd Conn	Connects Dutchman Blvd.		4	0.85
Greenway	Crane Creek A	Monticello Rd	Three Rivers	4	12.6
Greenway	Crane Creek C	Crane Forest		7	6.5
Greenway	Gills Creek B	Wildcat Creek	Fort Jackson	6,11	22.7
Greenway	Gills Creek C (North)	Trenholm Rd	Lake Katherine	6	2.8
Greenway	Smith\Rocky Branch A	Three Rivers	Clement Rd	4	3.5
Greenway	Smith\Rocky Branch B	Clement Rd	Colonial Dr	4	8.9
Sidewalk	Fort Jackson Blvd	Wildcat	I-77	6	0.6

Sidewalk	Shandon St	Wilmot Ave	Wheat St	5	0.15
Sidewalk	Shandon St	Rosewood	Heyward	5	0.15
Sidewalk	Prospect	Wilmot Ave	Yale	5	0.45
Sidewalk	Assembly St	Whaley St	Beltline Blvd	5,10	4.9
Sidewalk	Clemson Rd	Longtown	Two Notch Rd	7,8,9	6.7
Sidewalk	Broad River	Harbison Blvd	Bush River Rd	2	7.5
Sidewalk	Two Notch Rd	Alpine Rd	Spears Creek Ch Rd	3,7,8,9	8.5
Sidewalk	Huger St	Blossom St	Gervais St	5	0.9
Sidewalk	Broad River Rd	I-26	Harbison Blvd.	2	3.1
<b>Richland County Programmatic Categories (Dirt Road Paving, Resurfacing, Sidewalks)</b>					
<b>Program Type</b>				<b>District</b>	<b>Base Cost</b>
Resurfacing	\$100M (\$25M in Columbia)			Various	100
Sidewalks	\$50M (\$12.5M in Columbia)			Various	50
Dirt Road Paving	\$100M			Various	100
<b>Town of Blythewood</b>					
<b>Project Type</b>	<b>Project Name</b>			<b>District</b>	<b>Base Cost</b>
Intersection	Langford Road/ Wilson Boulevard/Blythewood Road			2	7.2
Intersection	Rimer Pond Road and Wilson Boulevard			2	5.5
<b>Town of Irmo</b>					
<b>Project Type</b>	<b>Project Name</b>	<b>From</b>	<b>To</b>	<b>District</b>	<b>Base Cost</b>
Special Projects	Salem Church Road	Old Dutch Fork Rd	Dutch Fork Rd	1	2
<b>City of Forest Acres</b>					
<b>Project Type</b>	<b>Project Name</b>	<b>From</b>	<b>To</b>	<b>District</b>	<b>Base Cost</b>
Special Project	Forest Dr Utility Undergrounding	N Beltline Blvd	Trenholm Rd	3	6
Special Project	Traffic Signal Upgrades (9 Locations)			3	6
<b>City of Columbia</b>					
<b>Project Type</b>	<b>Project Name</b>	<b>Description</b>		<b>District</b>	<b>Base Cost</b>
Special Projects	Street Surface Enhancement	Street surface enhancement, with focus on safer streets; possibility of pedestrian and bike enhancements		Various	440
Resurfacing	SCDOT Roadway Enhancements	Pave the roadways within the City limits, not including US or SC highways		Various	125.0
Quiet Zone	Railroad Crossing Improvements	Improvements along the Gadsden-Beltline Corridor to reduce the number of train horns along the 14 crossings		4,5	4.3
Special Projects	Bollard Installation	Installation of Bollards in hospitality districts		Various	14.5
Bikeway	Sumter Street Bike Lane	Bike Lane/Cycle Track/Beautification from Franklin to Blossom		4,5	3.0
Bikeway	Laurel Street Cycle Track	Cycle Track from Harden to Riverfront Park		3,4,5	3.0
Bikeway	Garner's Ferry Shared Use Path	Shared Use Path from Hazelwood to Devine		6,11	4.0
Bikeway	Hampton Street Bike Lane	Bike Lane from Pickens to Harden		3,4	0.8
Bikeway	Pickens Street Bike Lane	Bike Lane from Washington to Rosewood		4,5,10	1.8
Bikeway	Washington Street Bike Lane	Bike Lane from Lincoln to Pickens		4,5	1.5
Bikeway	Marion Street Bike Lane	Bike Lane from Calhoun to Pendleton		4,5	1.0
Special Projects	Assembly Street Phase 2	Infrastructure improvement project to improve public safety and install ADA enhancements throughout the corridor from Pendleton Street to Lady Street		4,5	5.0
Railroad	Assembly Rail Separation Project	Project will eliminate 15 railroad at-grade crossings along the corridor of Assembly Street from Blossom Street south to Rosewood Drive		5,10	25.0
Special Projects	Gateway Signage	Enhancement of gateway signage, secondary entranceway signage, and internal smaller welcome signage		Various	0.5
Special Projects	Assembly Street Phase 3	Infrastructure improvement project to improve public safety and install ADA enhancements throughout the corridor from Lady Street to Elmwood		4,5	43.2
Special Projects	Harden Street Phase 2	Infrastructure improvement project to and install ADA enhancements throughout the corridor from Gervais Street to Colonial (minus Read Street to Walker Solomon)		3,4,5	75.6
Special Projects	Devine Street Phase 1	Infrastructure improvement project to improve public safety and install ADA enhancements throughout the corridor from Millwood to Harden		5,6	2.0
Special Projects	Devine Street Phase 2	New medians and traffic calming and control measures throughout the corridor from Millwood Avenue to Interstate 77		5,6,11	15.0
Sidewalk	New Sidewalks	Various locations.		Various	97.8
Greenway	Vista Greenway expansion and Columbia Riverwalk	Vista Greenway expansion and Columbia Riverwalk		4,5	94.8
<b>SCDOT Traffic Engineering Staff Input</b>					
<b>Project Type</b>	<b>Project Name</b>	<b>From</b>	<b>To</b>	<b>District</b>	<b>Base Cost</b>
Intersection	US-76 @ Three Dog Road			1	4.2

Intersection	US-76 @ Mt. Vernon Church			1	4.2
Intersection	US-76 @ Johnson Marina Road			1	4.2
Intersection	US-176 @ Columbia Ave			1	4.2
Intersection	US—321 @ Blythewood Road			2	4.2
Intersection	Tobacco Barn/Loner/Blythewood Rd			2	4.2
Intersection	Riverbanks Zoo/Greystone/Candy Ln			5	2.8
Intersection	Olympia/Heyward/Wayne			5	2.8
Intersection	Bethel Church/Atascadero			5	2.8
Intersection	Crane Church/Heyward Brockington/Dubard Boyle			7	3.9
Intersection	US-321/Campground			7	3.9
Intersection	US-321 (Multiple Turnlanes – Muller, Cedar Creek, Lorick, Koon Store, Dubard Boyle)			7	4.2
Intersection	Clemson/Winslow			7	3.9
Intersection	Longtown/Rimer Pond			8	4.2
Intersection	SC-48/Pineview			10	3.9
Intersection	US-378/East Exchange			11	3.9
Intersection	US-378/Pineview			11	4.2
Intersection	US-378/Old Garners Ferry			11	2.8
Intersection	US-378/Trotter/Old Garners Ferry			11	4.2
Intersection	Ridge Road/Lower Richland			11	3.9
Intersection	Ridge Road/Harmon			11	3.9
Intersection	US-378/Old Eastover Road			11	4.2
Widening	Rimer Pond	US-21	Hardscrabble	2	3.9
Widening	Rabon Road	SC-555	US-1	3	3.9
Widening	Beltline Blvd	Elmhurst	River Dr	4	3.9
Sidewalk	US-321	Sharpe	Crane Creek Church	2	1.0
Sidewalk	Rabon Road	Flora Drive	Farrow	3	1.0
Sidewalk	Edgewood Ave			4	1.0
Sidewalk	Sunnyside Dr			6	1.0
Sidewalk	Two Notch Road	Sesqui	Fore Ave	8	1.0
Sidewalk	Greenlawn Dr			11	1.0
Resurfacing	Campground Rd			2	2.0
Resurfacing	Cedar Creek Rd			2	2.0
Resurfacing	Boney Rd			2	2.0
Resurfacing	Trenholm Rd Ext.			3	2.0
Resurfacing	Brookfield Rd			3	2.0
Resurfacing	Sumter St	Elmwood Avenue	Blossom Street	4	0.5
Resurfacing	Rosewood Dr	US-378	Bluff Road	5	5
Resurfacing	Killian/Clemson	I-77	Old Clemson Road	7	5
Resurfacing	Faraway Dr			8	2.0
Resurfacing	Jacobs Mill Pond			9	2.0
Pedestrian Projects	Monticello Rd-Eau Claire HS			4	1.0
Pedestrian Projects	Three Rivers Greenway-River Drive Bridge Pedestrian Access on Southside			5	1.0
Special Projects	US-378- Median Crossover Evaluation			10	1.0
<b>USC</b>					
<b>Project Type</b>	<b>Project Name</b>	<b>From</b>	<b>To</b>	<b>District</b>	<b>Base Cost</b>
Widening	South Stadium Road	Bluff Rd	End	10	4.2
Widening	National Guard Rd	Bluff Rd	End	10	4.2
Widening	Bluff Industrial Blvd	Bluff Rd	Silo Ct.	10	4.2
Widening	Silo Court	Bluff Industrial Blvd	End	10	2.1
Special Project	New Connector Rd	S Stadium Rd	National Guard Rd	10	3.5
Sidewalk	Bluff Rd	Bluff Industrial Blvd	Stadium Plaza	10	1.8
Sidewalk	George Rogers Blvd	Key Road	Shop Road	10	0.35
Sidewalk	Shop Rd	Idlewild Blvd	George Rogers Blvd	10	1.1
Sidewalk	Assembly St	Shop Rd	Rosewood Dr	10	0.65
Sidewalk	Rosewood Dr	George Rogers Blvd	Superior st	5, 10	0.5
Sidewalk	Assembly St	Rosewood Dr	Flora St	10	0.65
<b>Public Input</b>					
<b>Project Type</b>	<b>Project Name</b>	<b>From</b>	<b>To</b>	<b>District</b>	<b>Base Cost</b>
Widening	US 76	Broad River Rd (US 176)	SC 6	1	31.5
Widening	US 76	Shadowood Dr	Richland County Line	1	63.5
Widening	Langford Rd	Main St	Hardscrabble Rd	2	58.7
Widening	Main St (US 21)	I 77 (Ex 24)	Langford	2	42
Widening	Blythewood Rd	I 77 (Ex 27)	Main St	2	10.4
Widening	Longtown Rd	Farrow Rd	Longtown Rd E/W	7	38.6
Widening	N Springs Rd	Brickyard Rd	Clemson Rd	8	17.3
Widening	Spears Creek Ch Rd	I-20 (ex 82)	Percival Rd	9	62.1
Widening	Garners Ferry Rd	Trotter Rd	Lower Richland Blvd	11	28.8

Widening	Patterson Rd	Garners Ferry Rd	Caroline Rd	11	8.3
Widening	Bookman Rd S-53	Two Notch Rd	Kelly Mill Rd	9	24
Widening	Percival Rd*	Forest Dr	Decker Blvd	3,6	15
Widening	Percival Rd*	I-77	Clemson Rd	3,10	52.8
Special Project	Creech Rd Ext	Creech Rd	Firetower Ct	2	3.5
Special Project	New Connector Rd	Arborwood Rd	Indian Mound Rd	6	1.7
Special Project	Shop Rd Ext (Phase 3)	Montgomery Ln	Garners Ferry	11	27
Intersection	US 176 / Bickley Rd			1	2.9
Intersection	Dutch Fork Rd / Mill Place Ct.			1	2.9
Intersection	Broad River / Centerfield (Spring Hill HS)			1	3.5
Intersection	Assembly / Lady			5	0.6
Intersection	Assembly / Gervais			5	0.6
Intersection	Huger / Lady			5	0.6
Intersection	Huger / Gervais			5	0.6
Intersection	Lakeshore Dr / Forest Lake Place			6	2.9
Intersection	N Springs / Mill Field Rd			8	2.9
Intersection	Clemson Rd / Ashcroft Circle			9	2.9
Intersection	Bluff / Lower Richland Blvd			10	4
Intersection	Bluff Rd / MLK Blvd			10	4
Intersection	Bluff / Congaree Rd			10	4
Intersection	Olympia Ave / Bluff Rd			10	3.5
Intersection	Bookman Rd / Old Two Notch / Plantation Pt			9	3.5
Intersection	Millwood Ave / Carlisle St			6	2.9
Intersection	N Springs Rd / S Springs Rd			8	2.9
Intersection	Two Notch Rd / Polo Rd			8,9	2.9
Intersection	Millwood Ave / Gladden St			6	1
Intersection	US 601 (McCords Ferry Rd. / Screaming Eagle Rd*)			10	3.5
Bikeway	Broad River Rd*	St Andrews Rd	Elmwood Ave	4,5	1
Bikeway	Beatty Rd*	Fernandina Rd	Broad River Rd	2	1
Bikeway	Clemson Rd *	Rhame Rd	Sparkleberry Ln	9	1
Bikeway	Kennerly Rd	Freshly Mill Rd	St Johns Rd	1	1
Bikeway	Broad River Rd	Beatty Rd	River Hill Circle	2	1
Base Project Cost Total (Excludes Programmatic Categories and City of Columbia)					1,166
Associated Project Related Costs (PE, RW, Utility, CEI) @ additional 60%					700
Programmatic Categories Budget For Dirt Road Paving, Resurfacing, Sidewalks, and City of Columbia					1,208
Grand Total Project List Budget					\$3.1 Billion
Notes: Project list compiled from CMCOG 2045 Long Range Transportation Plan, Richland County, 4 municipalities, SCDOT, USC, and public input. 2024 Base Construction Costs increased 10% PE, 20% ROW, 15% Utility Relocation, and 15% Construction Engineering. City of Columbia costs provided by City of Columbia. Due to variability in requirements, \$1M for each Bikeway utilized.					
<b>COMET</b>					
<b>Program Type</b>				<b>District</b>	<b>Base Cost</b>
Transit	\$1,080M Provided by the COMET			Various	\$1.1 Billion