

March 12, 2024



Draft 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 |
| Richland County Programmatic Categories (Dirt Road Paving, Resurfacing, Sidewalks) | | | | | |
| Program Type | | | | District | Base Cost |
| Resurfacing | Assume 12 years funding equalling \$100M (\$40M in Columbia) | | | Various | 100 |
| Sidewalks | Assume 12 years funding equalling \$50M (\$20M in Columbia) | | | Various | 50 |
| Dirt Road Paving | Assume 12 years funding equalling \$100M | | | Various | 100 |
| Town of Blythewood | | | | | |
| Project Type | Project Name | | | District | Base Cost |
| Intersection | Langford Road/ Wilson Boulevard/Blythewood Road | | | 2 | 7.2 |
| Intersection | Rimer Pond Road and Wilson Boulevard | | | 2 | 5.5 |

| Town of Irmo | | | | | |
|--|--|-------------------------|----------------------|----------|-----------|
| Project Type | Project Name | From | To | District | Base Cost |
| Special Projects | Salem Church Road | Old Dutch Fork Rd | Dutch Fork Rd | 1 | 2 |
| City of Columbia | | | | | |
| Project Type | Project Name | From | To | District | Base Cost |
| Intersection | Harden St and Taylor St | | | 3,4 | 0.5 |
| Bikeway | Sumter Cycle Track | Elmwood | Blossom | 4,5 | 0.3 |
| Bikeway | Garners Ferry Shared Use Path | Trotter | Devine | 5,10 | 2.4 |
| Bikeway | Laurel Cycle Track | Harden | Riverfront Park | 4,5 | 0.4 |
| Special Project | Assembly Phase 2 Streetscape | Pendleton St | Lady St | 4,5 | 13 |
| Special Project | Assembly Rail Separation | | | 5,10 | 300 |
| Special Project | Quiet Zone | | | 4,5 | 4 |
| Special Project | Crowson Road Diet | | | 6 | 4 |
| Special Project | Washington and Marion St Safety Improvements | | | 4 | 1 |
| City of Forest Acres | | | | | |
| Project Type | Project Name | From | To | District | Base Cost |
| Special Project | Forest Dr Utility Undergrounding | N Beltline Blvd | Trenholm Rd | 3 | 6 |
| Special Project | Traffic Signal Upgrades (9 Locations) | | | 3 | 6 |
| Public Input | | | | | |
| Project Type | Project Name | From | To | District | Base Cost |
| 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 | 20 |
| 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) | | | | | 1,219 |
| Associated Project Related Costs (PE, RW, Utility, CEI) @ additional 60% | | | | | 731 |
| Programmatic Categories Budget For Dirt Road Paving, Resurfacing, & Sidewalks | | | | | 250 |
| Grand Total Project List Budget | | | | | 2,200 |
| Notes: | | | | | |
| Project list compiled from CMCOG 2045 Long Range Transportation Plan, Richland County, 4 municipalities, and public input. | | | | | |
| 2024 Base Construction Costs increased 10% PE, 20% ROW, 15% Utility Relocation, and 15% Construction Engineering. | | | | | |
| Public Input projects include those received as of March 1, 2024. Public input extends through March 8, 2024. | | | | | |
| City of Columbia costs provided by City of Columbia. | | | | | |
| Due to variability in requirements, \$1M for each Bikeway utilized. | | | | | |
| * - Projects added 03/12/2024 due to public comment period ending 03/08/2024 | | | | | |