



County Road Maintenance System (CRMS)

Fiscal Year 2022 (FY-22) Annual Comprehensive Transportation Improvement Program (CTIP)

Updated: December 1, 2021

References: (a) *Richland County Code of Ordinances*, Chapter 21
(b) Richland County Department of Public Works County Road Maintenance System Management Standard Operating Procedures, June 30, 2020

Enclosures: (1) RDM Maintenance Area road type / mileage breakdown
(2) County Council District road type / mileage breakdown
(3) IGA road type / small municipality / mileage breakdown
(4) Bridges / type / location
(5) Rail Crossings / type / location
(6) Traffic / crossing lighted signals
(7) Sidewalks

Section 1 – Introduction:

The Department of Public Works has completed its first year of a coordinated effort to account for, document, maintain, and improve the Richland County Road Maintenance System (CRMS). Last Fiscal Year's 2021 Annual Comprehensive Transportation Improvement Program (CTIP) was the first of its kind and represented a point of departure for improved safety, quality, coordination, accountability, and organizational efficiency. The Department's second Pavement Management Study (PMS) to assess the condition of all County-maintained paved roads is nearing completion. This study will provide a Pavement Condition Index (PCI) for each road that will be used to develop a five-year plan to address preservation, resurfacing, and reconstruction of the CRMS.

All projects listed herein are currently funded.

Section 2 – System Description:

The Richland County Road Maintenance System (CRMS) is composed of road and road-related infrastructure that is, by assigned mission, or intergovernmental agreement (IGA), owned, and / or maintained by the Department of Public Works (DPW). Such infrastructure is, in some way, available for public use and represents a variety of levels of development, design, and construction source.

Section 3 – System Data:

<input type="checkbox"/> Road mileage (unpaved – Prescriptive Easement)	161 Miles
<input type="checkbox"/> Road mileage (unpaved – Right-of-Way)	44 Miles
<input type="checkbox"/> Road mileage (paved)	621 Miles
<input type="checkbox"/> Road mileage (paved – incoming ROW in-progress)	5 Miles
<input type="checkbox"/> RDM Maintenance Area breakdown	See Enclosure (1)
<input type="checkbox"/> County Council District breakdown	See Enclosure (2)
<input type="checkbox"/> IGA road mileage (by surface type / by small municipality)	See Enclosure (3)
<input type="checkbox"/> Bridges (by type and location)	See Enclosure (4)
<input type="checkbox"/> Rail Crossings	See Enclosure (5)
<input type="checkbox"/> Traffic and crossing lighted signals	See Enclosure (6)
<input type="checkbox"/> Sidewalk mileage	See Enclosure (7)



Section 4 – Programs / functions:

Department of Public Works

Roads & Drainage Maintenance (RDM)

- Citizen Service Request (CSR) response / Corrective maintenance (Level of Service - LOS) – CSRs are generated from services requested through the County Ombudsman Staff. Responsibilities include the receiving and responding to requests for service and other related inquiries from County citizens. Typical level of activity is 6,000 CSRs received annually (500 per month). The typical backlog of pending CSRs, which varies by season, weather events, and other factors beyond Departmental control, is usually 100 or fewer.
- Emergency Response (LOS) – Requests of an emergent nature include: buried drainage pipe failure / cave in, downed STOP signs, animal carcasses within CRMS Right-of-Way and easements, potholes, leaning signs, manhole lids missing or askew, excess sand or grit on a paved road, tree hazard and downed tree in road. These must be assigned immediately, the hazard mitigated as soon as possible, and all work completed within a matter of hours or days.
- Force Account (“In-house” staff and equipment) Projects (LOS) – Sometimes roads and drainage infrastructure deficiencies require more than routine maintenance to address. Multiple drainage pipe joint failures, undersized drainage pipes, failed drainage structures, and outdated infrastructure may require a level of engineering analysis and construction effort that exceeds basic levels of maintenance. The County Engineering and Stormwater Management Division Staffs work in close cooperation with the Projects Section of the Roads & Drainage Maintenance Division to design, manage, and construct smaller scale projects that support the CRMS. There is typically a backlog of eight projects of varying sizes and scopes.
- Preventive maintenance (LOS) – Maximize preventive maintenance (PM) of all types based on observations by employees in the field in order to ensure properly maintained infrastructure and reduce the need for CSRs.
- Sign maintenance (LOS) – Installation, maintenance and repair of street name signs throughout the Unincorporated County and IGA municipalities for all public and private roads and streets. Installation, maintenance and repair of directional and warning signs within the CRMS. Because of their vital nature, sign-related requests are assigned a high priority.
- Street Sweeping (LOS) – Deploy the Street Sweeper for the removal of grit, sediment, and debris from the CRMS, County paved parking lots, and the Jim Hamilton – LB Owens Airport (CUB) pavement in order to preserve pavement, prevent debris from entering the drainage system, improve appearance, and control Foreign Object Debris (FOD). Achieve an employment goal of 40% (780 hours of operation over a 52-week period). Note: A second street sweeper is planned to be added to the RDM Fleet during FY-22 in a joint effort with the Stormwater Management Division.
- Vactor Truck services (LOS) – Deploy the two Vactor Trucks in order to ensure that the drainage system, which supports the CRMS and area drainage, is free of blockages and

debris. Priority of employment is: 1) Response to CSRs, 2) Preventive Maintenance (PM), and 3) Neighborhood drainage system maintenance as identified by the Stormwater Management Division. Achieve an employment goal of 40% (780 hours of operation per truck over a 52-week period).

Engineering (EGR)

- County Transportation Committee (CTC) – The Department of Public Works acts as the lead agency to coordinate with the County Transportation Committee (CTC). The CTC provides “C” Fund Grants for CRMS transportation projects to include:
 - Resurfacing
 - Sidewalk installation
 - Dirt Road Paving
 - Other Transportation Improvements

See the FY-21 through FY-25 Capital Improvement Plan (CIP) in Section 7 for specific projects in progress or planned for future construction. The Richland County Liaison to the CTC is the County Engineer.

- Pavement marking maintenance (LOS) – The Department of Public Works maintains a limited inventory of Pavement Markings throughout the County on some CRMS Paved Roads that meet the criteria for such markings. One Stop Service Requests will be investigated by Engineering Division Staff to evaluate the functionality and standard compliance along with condition and serviceability. Markings in need of installation, repair/replacement will be added to the annual Pavement Marking Maintenance List for repair/replacement by the On-Call Service Contractor. One Stop citizen notification and update shall be per Ombudsman Policy and Procedure. The current annual budget is \$20,000.
- Signal maintenance (LOS) – The Department of Public Works maintains an inventory of Traffic Signals and Flashing School Zone Lights. Both systems are managed by the Engineering Division Staff under the direction and supervision of the County Engineer, and once notified, shall investigate any device issues (Alignment, System Failures, Light Outage and Damage) that may affect Traffic Safety. On-Call Maintenance Contractors shall be available when required to make immediate repairs. This contractor is also responsible for the installation of overhead road signage at intersections as directed by the County. Renewal of Contracts and Maintenance Budgets are required and must be updated on an as-needed basis. The current annual budget is \$20,000.
- Traffic Calming – The Department of Public Works installs speed humps on paved roads within the CRMS and SCDOT maintained public roads. The installation of traffic calming devices shall be considered only when it has been determined by Engineering Division Staff that the roadway meets all criteria and after a petition and supporting documentation has been submitted for review. A Citizen Point of Contact (POC) shall be assigned to represent the neighborhood or subject street. The POC must be willing to work with DPW Staff throughout the traffic calming device request process. Upon receiving the request, DPW Staff will perform a review of the subject street to ensure that the street meets all criteria referenced in the Traffic Calming Warrants. The

Department performs traffic studies and installs approximately 15 speed humps per year.

- Unpaved Road Dust Suppression (LOS) – The Department of Public Works maintains an inventory of over 200 miles of Unpaved Roads. Application of Calcium Chloride for Dust Suppression on these roads reduces suspended dust particles that affect Traffic Safety and Property. An annual list of Roads is developed and staffed through the Engineering Division and the Roads & Drainage Maintenance Division and are sprayed with one application of Calcium Chloride by a contracted Road Treatment Service. The current annual budget is \$90,000 for approximately 70,000 gallons of application. This will treat approximately 40 miles of unpaved roads (20% of the unpaved portion of the CRMS).

Special Services (SS)

- Roadside Litter Pickup (LOS) – The Special Services Division employs Inmate Labor Work Crews to police public road Rights-of-Way to include the CRMS and SCDOT maintained roads. Unfortunately, the Covid-19 Pandemic eliminated the Inmate Labor pool, so Roadside Litter Pickup was severely curtailed during FY-21 and the start of FY-22. Some level of effort was accomplished through the use of more expensive temporary employees, but litter pickup has resumed with the availability of Inmates from The Department of Corrections.

Other County Departments

Transportation Penny Department

The Transportation Penny Tax Program, which was approved by the citizens of Richland County in 2012, provides funding for a wide range of transportation improvements throughout the County. The following are projects anticipated for completion during FY-22:

Dirt Road Paving:

Road Name	District	Linear Miles
Tall Oaks Dr	1	0.18
Maggie Hipp Rd	2	0.08
Bow String Rd	9	0.34
Robert James Rd	10	0.22
South Dr	10	0.32
Rosa Dowdy Ln	10	0.12
Rocky Rd	11	0.17
Barkley Rd	11	0.24
Dogwood Shores Ln	11	0.42
Lake Dogwood Cir S	11	0.13
Wider Rd	11	0.13
Total		2.36

Road Resurfacing:

Road Name	District	Linear Miles
Longtown Rd W	7/9	0.05
Averill Lane	1	0.36
Bucktail Way	1	0.38
Kip Ct	1	0.19
Little Hampton Rd	1	0.03
Osbourne Ln	1	0.04
Ramblewood Dr	1	0.77
Redington Way	1	0.95
Staffwood Ct	1	0.77
Staffwood Dr	1	0.04
S. Royal Tower Dr	1	0.54
Stonemede Dr	1	0.73
W. Royal Tower Dr	1	1.21
Wyncliff Ct	1	0.90
Belk Ct	2	0.47
Carolina Pines Dr	2	0.18
Harper Park Rd	2	0.36
Northpoint Blvd	2	0.03
Oak Knoll Dr	2	0.07
Olde Springs Rd	3	0.05
Garner Ln	4	0.36
Bent Oak Ct	7	0.06
Briercliff Dr	7	0.04
Radcot Ct	8	0.19
Rosewood Dr	8	0.86
Salisbury Ln	8	0.42
Ventura Ct	8	0.15
Winding Creek Ln	8	1.23
Bombing Range Rd	9	0.40
Columbia Club Dr E	9	0.53
Muirfield Ct W	9	0.25
Woodlands W	9	0.10
Ashleys Pl	11	0.36
Bedford Way	11	0.19
Berkeley Forest Ct	11	0.35
Berkeley Forest Dr	11	0.36



Road Name	District	Linear Miles
Candlewood Dr	11	0.42
Cardington Dr	11	0.18
Exton Shore Dr	11	0.24
Flowerwood Dr	11	0.28
Greys Ct	11	0.11
Jadetree Ct	11	0.82
Jadetree Dr	11	0.33
Kildare Dr	11	0.04
Mountainbrook Dr	11	0.18
Padgett Woods Blvd	11	0.22
Pear Tree Cir	11	0.11
Prince Charles Ct	11	0.10
Ragsdale Dr	11	0.74
Raintree Ct	11	0.08
Raintree Ln	11	0.40
Regeants Ct	11	0.05
Total		18.27

Sidewalk Construction:

Road Name	Start	End	Linear Miles
Alpine Rd	Two Notch	Percival Rd	2.4
Leesburg Rd	Garners Ferry	Semmes Rd	3.7
Clemson Rd	Two Notch Rd	Percival Rd	1.1
Sunset Dr	Elmhurst Rd	River Dr	0.75
Total			7.95

Section 5 – Resources:

<input type="checkbox"/> Road Maintenance FY-21 Fund Balance (end-of-year actual)	\$11,299,115
<input type="checkbox"/> RDM FY-22 Operating Budget	\$ 7,942,778
<input type="checkbox"/> "C" Fund FY-21 Uncommitted Balance	\$ 3,876,545
<input type="checkbox"/> "C" Fund FY-21 Forecasted Apportionment	\$ 5,267,600
<input type="checkbox"/> "C" Fund FY-21 Non-Recurring Earmark	\$ 2,390,263

Section 6 – Goals:

DPW

- Funding Source – Work with County Council and County Administration to ensure an adequate, reliable, steady, and uninterrupted funding source for Roads and Drainage Maintenance operations and improvement projects in light of the recent State Supreme Court decision and subsequent lawsuit against the County.
- Interdepartmental coordination – Improve interdepartmental coordination with other stakeholders, especially the Transportation Penny Staff, in order to ensure that all projects are coordinated, mutually supporting, and maintain or enhance area drainage.
- Interdepartmental coordination – Improve interdepartmental coordination with other stakeholders, especially the Community Planning and Development Department, in order to ensure that updated development standards are properly applied and newly developed infrastructure is of sufficient quality.

RDM

- Process Review – Working with the staff of the Information Technology (IT) Department, fully develop and implement the reporting component of the Work Order System (WOS) in order to establish performance benchmarks and better analyze activity, service, and productivity.
- Personnel Management – Emphasize the prompt hiring of qualified applicants to fill vacancies as they occur. Develop and hire a Master Equipment Operator to promote training, professional development, and skill quality of Equipment Operators.
- Facility Improvement – Continue to develop the Blythewood area work camp that services the Northern portion of the County.

EGR

- Capital Improvements – Prepare a Five-Year CRMS Capital Improvement Plan (CIP) for paving and resurfacing of County roads, installation of sidewalks, and other transportation improvements by utilizing data from the Pavement Management Study (PMS).
- Right-of-Way Acquisition – The Right-of-Way Administrator has acquired approximately 38 of the 97 total abandoned roads. The goal is to acquire the remaining 59 roads in FY-22. We will also process deeds for roads and drainage from approximately ten (10) new subdivisions accepted into the CRMS through the New Development Department.
- Railroad Crossings Safety Improvement– Replace the existing substandard rail crossing on Hobart Road and with new safer rail crossing through the realignment of Hobart Road and addition of signalized gates.
- Right-of-Way Transfer – Transfer at least 50% of County-owned Road Right-of-Way (11.8 miles) from County Ownership to the small municipality in which they are located.
- New Personnel – Replace the retiring Transportation Associate with a well-qualified individual.

- Adhere to the new Land Development Standards that will go into effect on February 1, 2022.

Section 7 – Capital Improvement Plan (CIP):

Item Description	Proposed Funding Source	FY21	Biennium		Biennium		Total
			FY22	FY23	FY24	FY25	
Unpaved Roadway Repair-Design	RMF	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Unpaved Roadway Repair-Construction	RMF	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
Sidewalk Capital Improvement	RMF	\$350,000					\$350,000
Miscellaneous Road Improvements	RMF	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Road Resurfacing	RMF		\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000
Rollover-previous year	RMF	\$1,600,000		unknown	unknown	unknown	\$1,600,000
Pavement Preservation	"C" Funds	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Resurfacing Roads	"C" Funds	\$1,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$9,000,000
New Sidewalks	"C" Funds	\$1,000,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,000,000
New Sidewalk-Design	TAP		\$100,000	\$50,000	\$100,000	\$50,000	\$300,000
New Sidewalk-Construction	TAP			\$1,000,000		\$1,000,000	\$2,000,000
Totals		\$5,000,000	\$4,650,000	\$5,600,000	\$4,650,000	\$5,600,000	\$25,500,000

Note 1: Road Maintenance Fund (RMF) / Transportation Assistance Program (TAP)

Note 2: *See Section 4 – Programs / functions: Other County Departments / Transportation Penny Department for planned Fiscal Year 2022 (FY-22) paving, resurfacing, and sidewalk construction projects planned under that program.



FY-22 Capital Improvement Plan (CIP):

Pavement Preservation

Budget \$600,740

Funding for the following roads was obtained during FY-21. Preservation of these roads is planned for FY-22.

Road Name	District	Linear miles
Bamboo Grove Ct	1	0.09
Baywood Ct	1	0.12
Harbors Mist Dr	1	0.08
Shores Edge Dr	1	0.12
Water Pointe Ln	1	0.09
Buckwood Dr	2	0.04
Greyhound Ln	2	0.10
Grey Duck Ln	2	0.22
Safari Way	2	0.07
Oakley Dr	3	0.30
Oakley Ct	3	0.04
Oakley Cir	3	0.07
Sunnydale Dr	3	0.20
Sunnydale Ct	3	0.04
Saxonbury Dr	3	0.06
Scarlet Ct	3	0.12
Catalina Ct	3	0.10
Dean Hall Ln	6	0.16
Rosebank Dr	6	0.28
Hampton Trace	6	0.51
Ballbridle Ln	7	0.30
Cabinteely Ct	7	0.03
Glimerton Ct	7	0.07
Gorebridge Ct	7	0.07
Hillfoots Ct	7	0.03
Stillorgan Ct	7	0.06
View Dr	7	0.66
Cold Branch Dr	8	1.70
Wood Duck Rd	9	0.52
Holliday Rd	9	0.45
Village Farm Rd	9	0.18
Abbott Rd	10	0.15



Road Name	District	Linear miles
Bluff Industrial Blvd	10	0.34
Saddlebrook Ln	11	1.42
Total		8.81

Road Repair and Resurfacing –

Budget \$2,104,148

Funding for the following roads was obtained during FY-21. Construction is anticipated to be complete during FY-22.

Road Name	District	Lane Miles
Steeple Ridge Rd	1	1.36
Laurent Way	1	0.81
Dunleith Way	1	0.37
Dunleith Ct	1	0.10
Laurent Ct	1	0.12
Cotting Ct	1	0.07
Ramsgate Dr	2	0.32
Rolling Hills Dr	2	0.32
Rolling Hills Cr	2	0.02
Hunters Run Dr	2	0.23
Bowhunter Dr	2	0.66
Bear Rock Dr	2	0.08
Duck Pt	2	0.03
Grouse Ct	2	0.03
Labrador Dr	2	0.17
Ranger Ln	2	0.05
Coyote Ln	2	0.07
Abney Estates Dr	7	0.42
Valley Estates Dr	7	0.51
Winding Brook Loop	7	0.21
Abney Wood Ct	7	0.06
Hunters Pond Dr	8	1.24
Total		7.25



Sidewalk Construction:

Budget \$ 1,917,539

Funding for the following sidewalks was obtained in FY-19 and FY-20. Construction is anticipated during FY-22.

Road Name	Start	End	Linear miles
Longreen Pkwy	Clemson Rd	Longtown Rd	1.64
Spring Park	Hobart Way	Longreen Parkway	1.04
Greenhill Parish	Upland Hill Ln	Catawba Trail Elementary	0.27
Total			2.95

Sidewalk Capital Maintenance:

In addition to new sidewalk construction, it is recommended that \$60,000 be applied to the maintenance of existing sidewalks within the County Road Maintenance System this year. Areas for maintenance will be identified by County staff and prioritized to address safety concerns.

Dirt Road Improvement – Planning:

Budget \$100,000

Road Name	District	Linear Miles
Jacquelyn Powers Cir	1	0.22
Stanley Fort Rd	1	0.06
Hardy Entzminger Rd	2	0.42
Jordon Rd	2	0.16
Wooten Rd	7	0.38
Lassiter Jacobs Rd	10	0.77
S Crosshill Cir	10	0.38
Sara Neal Rd	10	0.22
Chappell Creek Ln	10	0.22
Pond Arch Rd	11	0.21
Wattsland Rd	11	0.49
Total		3.94

Enclosures 1-7



Department of Public Works

County Road Maintenance System (CRMS)

Fiscal Year 2022 Annual Maintenance and Improvement Comprehensive Plan

Updated: 30-Jun-21

Enclosure (1) RDM Maintenance Area Road Type/Mileage Breakdown

Unpaved Roads

RDM Maintenance Area

	County Owned (Public r/w)		Prescriptive Easement		All County Unpaved	
	Length (ft)	Length (Miles)	Length (ft)	Length (Miles)	Total Length (ft)	Length (Miles)
West	54,707.17	10.36	151,188.75	28.63	205,895.91	39.00
South	105,818.31	20.04	436,765.28	82.72	542,583.60	102.76
North	89,334.15	16.92	251,025.01	47.54	340,359.16	64.46
Total Length	249,859.63	47.32	838,979.04	158.90	1,088,838.67	206.22

Paved Roads

RDM Maintenance Area

	County Owned		Municipal Owned		All County Paved	
	Length (ft)	Length (Miles)	Length (ft)	Length (Miles)	Total Length (ft)	Length (Miles)
West	659,625.75	124.93	106,706.56	20.21	766,332.31	145.14
South	419,476.24	79.45	0.00	0.00	419,476.24	79.45
North	2,037,057.13	385.81	34,418.10	6.52	2,071,475.24	392.32
Total Length	3,116,159.12	590.18	141,124.66	26.73	3,257,283.78	616.91



County Road Maintenance System (CRMS)
 Fiscal Year 2022 Annual Maintenance and Improvement Comprehensive Plan
 Updated: 30-Jun-21

Enclosure (2) County Council District Road Type/Mileage Breakdown

Unpaved Roads
 Council Districts

	County Owned (Public ROW)		Prescriptive Easement		All County Unpaved	
	Length (ft)	Length (Miles)	Length (ft)	Length (Miles)	Total Length (ft)	Length (Miles)
1	51,286.38	9.71	145,169.70	27.49	196,456.08	37.21
2	31,099.60	5.89	174,235.75	33.00	205,335.36	38.89
3	2,411.42	0.46	4,264.55	0.81	6,675.97	1.26
4	914.95	0.17	0.00	0.00	914.95	0.17
5	2,356.69	0.45	1,368.29	0.26	3,724.97	0.71
6	159.65	0.03	0.00	0.00	159.65	0.03
7	42,083.71	7.97	49,235.79	9.32	91,319.51	17.30
8	3,196.41	0.61	2,598.74	0.49	5,795.14	1.10
9	10,692.15	2.03	24,998.53	4.73	35,690.68	6.76
10	43,862.04	8.31	385,527.35	73.02	429,389.38	81.32
11	61,796.63	11.70	51,580.35	9.77	113,376.98	21.47
Total Length	249,859.63	47.32	838,979.04	158.90	1,088,838.67	206.22

Paved Roads
 Council Districts

	County Owned		Municipal Owned		All County Paved	
	Length (ft)	Length (Miles)	Length (ft)	Length (Miles)	Total Length (ft)	Length (Miles)
1	530,279.87	100.43	103,036.94	19.51	633,316.80	119.95
2	361,421.86	68.45	11,786.57	2.23	373,208.42	70.68
3	134,739.48	25.52	5,566.84	1.05	140,306.32	26.57
4	23,062.20	4.37	0.00	0.00	23,062.20	4.37
5	8,756.55	1.66	0.00	0.00	8,756.55	1.66
6	14,644.41	2.77	1,215.22	0.23	15,859.63	3.00
7	467,726.35	88.58	19,519.10	3.70	487,245.46	92.28
8	485,377.31	91.93	0.00	0.00	485,377.31	91.93
9	641,163.19	121.43	0.00	0.00	641,163.19	121.43
10	161,613.88	30.61	0.00	0.00	161,613.88	30.61
11	287,374.02	54.43	0.00	0.00	287,374.02	54.43
Total Length	3,116,159.12	590.18	141,124.66	26.73	3,257,283.78	616.91



County Road Maintenance System (CRMS)
 Fiscal Year 2022 Annual Maintenance and Improvement Comprehensive Plan
 Updated: 30-Jun-21

Enclosure (3) IGA Road Type/Small Municipality/Mileage Breakdown

County Roads within IGA Municipalities as of June 30, 2021

Municipality	Paved Roads (Miles)	Unpaved Roads (Miles)	Total (Miles)
Arcadia Lakes	1.57	0.00	1.57
Blythewood	10.57	3.53	14.09
Cayce	0.00	1.58	1.58
Eastover	0.94	0.42	1.36
Forest Acres	4.89	0.20	5.09
Irmo	25.76	1.70	27.45
Total (Miles)	43.73	7.42	51.15

*Roads are County maintained by either IGA, County ownership/public ROW, or Prescriptive Easement.



County Road Maintenance System (CRMS)
Fiscal Year 2022 Annual Maintenance and Improvement Comprehensive Plan
Updated: 30-Jun-21

Enclosure (4) Bridge/Type/Location

Location	Type
Old Garners Ferry Road at Mill Creek	Concrete slab on piers
White House Road at Gills Creek	Concrete slab on piers
Chinquapin Road at Stoops Creek	Open bottom culvert
Raintree Drive at ditch crossing	Open bottom culvert
Beechwood Lane at ditch crossing	Open bottom culvert



Department of Public Works
 County Road Maintenance System (CRMS)
 Fiscal Year 2022 Annual Maintenance and Improvement Comprehensive Plan
 Updated: 30-Jun-20

Enclosure (5) Rail Crossings / type / location

Road Atlas Map Grid	Name of Road	Road Type	Entity in Charge of Inspections	Type of RR Line Crossed	Own r/w on Road	Municipality	SCDOT Crossing	Comments
49B4	Lykesland Trail	Unpaved	County	Main railroad track	Yes	County	723733S	
27D4	Vine Street	Paved	County	Side railroad track	Yes	County	634637U	Crossing between Rosewood Drive and Brookwood Drive
34F1	Mount Pilgrim Church Road	Unpaved	County	Main railroad track	No	County	715899B	
72B2	Gus Lane	Unpaved	County	Main railroad track	No	County	632650B	
32D3	Pine Wedge Drive	Paved	County	Main railroad track	Yes	County	715908X	
27D4	Vine Street	Paved	County	Side railroad track	Yes	County	634638B	Crossing Southeast of Brookwood Drive
37B5	Mauney Drive	Paved	County	Side railroad track	Yes	County	904637R	
27D4	Garland Street	Paved	County	Side railroad track	Yes	County	634642R	Crossing between Rosewood Drive and Brookwood Drive
27D4	Duval Street	Paved	County	Side railroad track	Yes	County	634640C	Crossing between Rosewood Drive and Brookwood Drive
27D4	Duval Street	Paved	County	Side railroad track	Yes	County	634641J	Crossing southeast of Brookwood Drive
27D4	Rosewood Drive	Paved	County	Side railroad track	Yes	County	634636M	
27D4	Garland Street	Paved	County / Columbia	Side railroad track	Part	County and Columbia	634643X	County owns approach from west side of crossing, RR r/w is
27D4	Oakdale Drive	Paved	County	Side railroad track	Yes	County	634644E	Crossing between Rosewood Drive and Brookwood Drive
05B4	Lynn McCartha Road	Unpaved	County	Main railroad track	No	County	843360B	
05B4	Walter McCartha Road	Unpaved	County	Main railroad track	No	County	843359G	
31D4	Frank Dale Road	Unpaved	County	Main railroad track	No	County	715917W	Road is small connector between Frank Dale Road and Gunter Circle
35D4	Cadia Drive	Unpaved	County	Main railroad track	No	County	634296D	
32C2	Boomer Road	Unpaved	County	Main railroad track	No	Blythewood	715910Y	
4.90E+04	Century Oaks Lane	Unpaved	County	Main railroad track	No	County	632196S	
35A4	Fontaine Center Drive	Paved	County	Main railroad track	Yes	County	640941L	
62A2	Third Street	Unpaved	County	Main railroad track	No	County	723729C	RR Crossing is beyond County ownership, connects to Edmonds Farm Road
3.20E+06	Hobart Road	Unpaved	County	Main railroad track	Part	County	715906J	Main RR Crossing west of Wilkinson Drive
27F4	Andrews Road	Unpaved	County / Columbia	Side railroad track	No	County and Columbia	904635C	County unpaved road - RR right of way is within City of Columbia
Not on SCDOT (2011) List								
27D3	Olympia Avenue	Paved	County / Columbia	Main railroad track	Part	County and Columbia		County owns approach from west side of crossing
3.20E+06	Hobart Road	Unpaved	County	Side railroad track	Part	County		RR Crossing at side railroad line
3.20E+05	Wooten Road	Unpaved	County	Main railroad track	No	County		
45F1	Fashion Drive	Paved	County	Main railroad track	Yes	County		



Enclosure (6) Traffic /Crossing Lighted Signals

Traffic Signals

Intersection Location	RDM Maintenance Area
Fashion and Forum Dr	North
Summit Parkway at Summit Ridge	North
Summit Commons at Summit Parkway	North

School Zone Flashing Signal

School	RDM Maintenance Area
HE Corley Elementary	West
Summit Parkway Middle	North



County Road Maintenance System (CRMS)
 Fiscal Year 2022 Annual Maintenance and Improvement Comprehensive Plan
 Updated: 30-Jun-21

Enclosure (7) County Maintained Sidewalks

RDM Maintenance Area

Maintenance Area	Length (ft)	Length (Miles)
West	266,872.29	50.54
South	60,133.59	11.39
North	798,496.18	151.23
Total Length	1,125,502.06	213.16

*Length does not include Subdivisions
 with Sidewalks built since 2016

Council District

District	Length (ft)	Length (Miles)
1	254,795.25	48.26
2	123,622.30	23.41
3	12,021.50	2.28
4	147.84	0.03
5	0.00	0.00
6	3,187.02	0.60
7	181,235.28	34.32
8	293,362.36	55.56
9	196,996.93	37.31
10	7,499.42	1.42
11	52,634.17	9.97
Total Length	1,125,502.06	213.16



**RICHLAND COUNTY
DEPARTMENT OF PUBLIC WORKS**

400 Powell Road
Columbia, SC 29203



(This page intentionally left blank)