

CHARLESTON COUNTY ROAD QUALITY

Using Carbin iPhone app (free); Measurements taken July 4, 2022, to Aug. 21, 2022

ROAD QUALITY KEY: <63 = well-maintained road; >127 = poor-quality road

Street	Road Quality (in/mi)	Direction	Distance (mi)	Duration (min)	Planned DOT work	Carbin results (%)	CO2 saving	Date	Time
Downtown Charleston (peninsula)									
Chalmers St.	454	(2 blocks, cobblestone)	0.2	1		95	0.8(oz)	07-05-2022	7:53
Line St.	322	Nassau to Rutledge	0.5	3	Not SCDOT road	97	0.11 lbs	08-22-2022	14:14
Line St.	328	Rutledge to Meeting	0.5	2		92	0.6 oz	08-12-2022	0:08
Huger St.	281	Meeting to Rutledge	0.4	1		94	0.4 oz	08-14-2022	16:28
Hagood St.	276	Huger St. to Crosstown	0.6	1	2024-26	100	1.5 oz	08-21-2022	11:56
Ashley Ave	243	Battery to Hampton Park	1.9	10	Part possible, 2024-26	97	1.6 oz	08-17-2022	16:00
Coming St.	235	Wentworth to Spring	0.8	2	2024-26	97	0.5 oz	08-15-2022	18:33
Hagood St.	231	Crosstown to Huger	0.5	1	2024-26	98	1.3 oz	08-21-2022	11:54
King St	219	Morrison to Battery	3.2	14		96	0.15 lbs	08-17-2022	16:15
Calhoun St.	216	East Bay to JI Expressway	1.4	3	Part is on current list	97	0.22 lb	07-28-2022	9:27
Rutledge St.	198	Mount Pleasant St. to Battery	3	15	Not all SCDOT; part p	95	.12 lbs	08-17-2022	15:30
East Bay St.	191	Battery to Calhoun St.	1.3	4	Part in 2025-26	98	0.9 oz	08-17-2022	16:31
Calhoun St.	185	Jonathan Lucas to East Bay	1.2	4	Not on list	97	0.6 oz	08-15-2022	18:14
Calhoun St.	183	Jl Expressway to E Bay	1.1	3	Part is on current list	95	0.1 lb	07-27-2022	8:12
Meeting St. Ext.	178	City limits to Morrison	1.5	2	On list; no time picked	99	0.18 lb	07-30-2022	10:49
Spring St	176	King St. to W Ash bridge	1.3	5		99	0.17 lb	07-18-2022	14:39
Morrison/E Bay	174	King St. to Calhoun	2.1	4	Part in 2025-26	100	0.28 lb	07-30-2022	10:53
Calhoun St	173	Jl Expressway to East Bay	2.8	6	Part is on current list	96	0.33 lb	07-05-2022	7:44
Calhoun St.	167	East Bay to Jonathan Lucas	1.2	4	Not on list	98	0.6 oz	08-15-2022	18:09
Crosstown	159	West Ashley bridge to Ravenel bridge	2	5		99	0.25 lb	07-30-2022	10:01
James Island									
Folly Road	86	Wappoo Cut to Grimball Rd.	3.5	5	Not on list	99	.19 lbs	08-21-2022	11:15
Grimball Road	102	Folly Road to Folly Road	1.9	3		100	.12 lbs	08-21-2022	11:20
Fort Johnson Road	145	Folly Road to Harborview Road	3.4	7		99	0.33	08-21-2022	11:25
Harborview Road	90	Fort Johnson Road to James Island	2.8	4		99	.15 lbs	08-21-2022	
Mount Pleasant									
Coleman Blvd	118	Ravenel Bridge to Rifle Range Road	2.8	7	Parts recently repaved	99	.22 lbs	08-19-2022	18:42

Coleman Blvd	122	Rifle Range Road to Ravenel Bridge	2.5	6	Parts recently repaved	99	0.19 lbs	08-19-2022	18:51
U.S. Hwy 17	88	Ravenel Bridge to Towne Center	4.3	9		99	.22 lbs	08-19-2022	18:58
U.S. Hwy 17	86	Towne Center to Ravenel Bridge	4.3	6		99	.21 lbs	08-19-2022	19:48
North Charleston									
E Montague Ave.	146	1-26 to Park Circle businesses	2.7	10	2023 contract expected	97	0.26 lb	07-30-2022	10:13
Spruill Ave.	110	Park Circle to 1-26 ramp	3.6	6	Possible, 2024-26	99	0.27 lb	07-30-2022	10:43
Dorchester Road	81	Airport to Interstate 26	6.5	13		91	1.3 oz	08-05-2022	14:47
West Ashley									
St. Andrews Blvd.	104	Moreland to West Ashley	5.7	12		97	0.35 lb	07-04-2022	14:14
Savannah Hwy.	106	West Ashley to Moreland	8	19	2024 funding OKed	98	0.56 lb	07-04-2022	15:34
Glenn McConnell	67	Bees Ferry to Sam Rittenberg	4.2	5		98	0.8 oz	08-12-2022	21:34
I-526	102	Glenn McConnell to Sam Rittenberg	1.5	2	2023 Contract expected	98	0.5 oz	08-12-2022	12:04
Glenn McConnell	93	Bees Ferry to I-526	2.5	5	Part of current project	98	0.7 oz	08-12-2022	11:59
Glenn McConnell	106	I-526 to Bees Ferry	2.6	4	Part of current project	97	0.9 oz	08-12-2022	11:54
I-526	111	Savannah Highway to Glenn McConnell	1.6	2		99	0.7 oz	08-12-2022	11:52
Savannah Hwy.	136	Wesley Dr to I-526	3.3	9	2024 funding OKed	97	1.4 oz	08-12-2022	11:42
Sam Rittenberg	91	Orange Grove Rd to Sav Hwy	2.9	8	Not on priority list	98	.8 oz	08-10-2022	15:50
S.C. Hwy 61	83	Plantations to I-526	8.4	12		98	.13 lbs	08-03-2022	20:41
S.C. Hwy 61	128	I-526 to plantations	5.4	8		98	.13 lbs	08-09-2022	20:41
St. Andrews Blvd	89	West Ashley bridge to Old Towne	2.3	5		94	.6 oz	08-05-2022	16:07
Other									
Ravenel Bridge	74	Charleston to Mount Pleasant	2.5	2		100	1.6(oz)	07-06-2022	13:04
Definitions									
Road quality		International Roughness Index. Well-maintained: <63; Poor quality: >127.							
Planned DOT roadwork		Summary of response from S.C. Department of Transportation on when roadwork is planned							
Carbin results		The percentage of submitted data analyzed by the Carbin app. Best data is over 85%							
CO2 savings		Potential carbon emissions savings if road were good quality.							
<i>SOURCES: Charleston City Paper staff collected Carbin data; S.C. Department of Transportation provided info on planned roadwork.in 6th column.</i>									