



Definition and Weighting of Criteria for Prioritization of Transportation Penny Projects:

Bikeway and Sidewalk Point System and Prioritization

The bikeway and sidewalk ranking and validation process was carried out primarily within a GIS environment, data collected from local agencies, as well as by field observations to confirm existing conditions. The respective weights of each criterion were determined and refined with input from Richland County Council Transportation Ad Hoc Committee, the County Transportation Director and analysis of other recent and comparable programs in the region. Projects that will be built as part of a road widening were not prioritized, but were included for validation and confirmation.

To optimize flexibility and grouping variety, projects were prioritized into a high, medium or low category based on culminated point totals. The augmented point system for all criteria is as follows:

20 points – Existing concept plans or designs for the project are in position or are under development. Up to 20 points were given to a project that had a completed master plan document and/or was ready for construction commencement.

25 points - Connectivity to existing public trails, greenways and public lands such as national, state or county parks. Connectivity offers more public use and enables a single project to link to a broader local or regional network of new or existing infrastructure.

2 points - Acquisition, construction and maintenance costs based on updated route and design information. Projects that had undergone a re-assessment of unit costs, professional design fees, construction engineering inspection costs, utility relocation cost assumptions, right-of-way cost assumptions and contingency factors received 2 points. Costs were compared against recent SCDOT standards and local construction cost factors. To ensure all projects were considered objectively and equitably, these criteria were not given high maximum points.

20 points – Connectivity to schools within a ½ mile or less. Up to 20 points were awarded for this criteria.

10 points – Connectivity to major business centers within a ½ mile or less. Up to 10 points were given for this criteria.

10 points – Connectivity to a transit facility (bus station, bus route or bus stop) within ½ mile or less. Up to 10 points were given to a project that meets these criteria.

15 points – No (or partial) existing sidewalk or bikeway exists. Up to 15 points were given to a project that meets this criteria.

A total of up to 102 points is the maximum achievable score, however, no sidewalk or bikeway exceeded 82 points. Total points were used to determine priority level.

Prioritization levels:

82 to 68 – High priority

67 to 56 – Medium priority

55 to 0 – Low priority

BIKEWAY PROJECTS

Priority	Rank	Council District	Project Names	Begin Location	End Location	Existing Concept Plans	Connectivity to Greenway	Acquisition, Construction/Maintenance Costs Determined	Connectivity to Schools	Connectivity to Business	Connectivity to transit	Partial to No Sidewalk/Bike way	Total Points	Comments
Bikeways						0-20 pts	0-25 pts	0-2 pts	0-20 pts	0-10 pts	0-10 pts (1 = 10 0=5)	5-15 pts	2 pts	
High Priority Projects	High	2, 4, 5	Broad River Rd	Harbison Blvd	Bush River Rd	0	25	2	20	10	10	15	82	None
	High	6	Fort Jackson Blvd	Devine St	Newell Rd	0	25	2	20	10	10	15	82	None
	High	4	Main St	Elmwood Ave	Sunset Dr	0	25	2	20	10	10	15	82	None
	High	5	Saluda Ave	Wheat St	Greene St	0	25	2	20	10	10	15	82	None, but Parking in some areas (Bikeway possible)
	High	5	Whaley St	Lincoln St	Pickens St	0	25	2	20	10	10	15	82	None
	High	5	Catawba St	Sumter St	Lincoln St	0	25	2	20	10	5	15	77	None
	High	5,6	Bonham Rd/Sweetbriar/Heathwood Cir/Devereaux Rd/Rickenbaker Rd/Kilbourne Rd	Blossom St	Fort Jackson Blvd	0	25	2	20	10	5	15	77	No existing bikelane///Several parking spaces on right side of Bonham///No curb or sidewalk on either side of Sweetbriar or Heathwood Circle///Partial sidewalk on both sides of Devereaux after crossing Devine///No sidewalks on Rickerbaker///Sidewalk on right side of Kilbourne until end at Ft. Jackson Blvd.
	High	5, 6	Gervais St/Gladden St/Hagood Ave/Page St/Senate St/Trenholm Rd/Webster St	Millwood Ave	Beltline Blvd	0	20	2	20	10	10	15	77	None
	High	5, 10	Heyward St/Marion St/Superior St	Whaley St	Wiley St	0	20	2	20	10	10	15	77	None
	High	5	Huger St/Lady St/Park St	Gervais St (east)	Gervais St (west)	0	20	2	20	10	10	15	77	None, but Parking in some areas (Bikeway possible)
	High	4	Calhoun St	Wayne St	Harden St	0	20	2	20	10	10	10	72	None, except Traveling toward Harden St. - Parking On Both Sides (Bikeways possible) - From Wayne St. to Sumter St.
	High	4	Chester St/Elmwood Ave/Wayne St	Hampton St	Park St	0	20	2	20	10	5	15	72	None
	High	5	College St/Laurens St/Oak St/Taylor St	Greene St	Elmwood Ave	0	25	2	20	10	5	10	72	None, except Traveling toward Elmwood Ave - Parking on Both Sides (Bikeways possible) - From Taylor St to Read St.
	High	4	Colonial Dr	Bull St	Slighs Ave	0	25	2	20		10	15	72	None
	High	3, 8	Decker Blvd/Parklane Rd/Two Notch Rd	Two Notch Rd	Percival Rd	0	25	2	20		10	15	72	None
	High	4, 5	Gervais St	Park St	Millwood Ave	0	25	2	20		10	15	72	None
	High	4, 5	Greene St	Bull St	Saluda Ave	0	25	2	20		10	15	72	None, but Parking on Both sides in some areas (Bikeway Possible)
	High	5	Harden St	Devine St	Rosewood Dr	0	25	2	20		10	15	72	None, but Parking in some areas
	High	4, 5	Pickens St	Washington St	Rosewood Dr	0	25	2	20		10	15	72	None, but Parking in some areas (Bikeway possible)
	High	5	Assembly St	Blossom St	Rosewood Dr	0	25	2	20		10	15	72	None
	High	5, 10	Assembly St	Blossom St	Rosewood Dr	0	25	2	20		10	15	72	None
	High	5, 6, 10	Rosewood Dr	Bluff Rd	Garners Ferry Rd	0	25	2	20		10	15	72	None
	High	4, 5	Senate St	Sumter St	Laurens St	0	25	2	20		10	15	72	None, but Parking in some areas (Bikeway possible)
	High	5	Whaley St	Lincoln St	Church St	0	15	2	20	10	10	15	72	None
	High	2	Broad River Rd/Lake Murray Blvd	I-26	Harbison Blvd	0	25	2	20		10	15	72	None
High	4	Main St	Calhoun St	Elmwood Ave	0	25	2	20		10	15	72	None	
Medium Priority Project	Medium	5	Gervais St	450' west of Gist St	Gist St	0	20	2	20		10	15	67	None
	Medium	3	Two Notch Rd	Beltline Blvd	Parkland Rd	0	20	2	20		10	15	67	None
	Medium	4	Edgefield St/Park St	Calhoun St	River Dr	0	25	2	20		5	15	67	None
	Medium	3, 8	Oneil Ct	Decker Blvd	Parklane Rd	0	25	2	20		5	15	67	None
	Medium	5	Sumter St	Blossom St	Wheat St	0	20	2	20		10	15	67	None, but Parking in some areas (Bikeway possible)
	Medium	4	Bull St	Elmwood Ave	Victoria St	0	20	2	20		10	15	67	None
	Medium	11	Leesburg Rd	Garners Ferry Rd	Semmes Rd	0	25	2	20		5	15	67	None
	Medium	5, 10	Ott Rd	Jim Hamilton Blvd	Blossom St	0	10	2	20	10	10	15	67	None
	Medium	5	Blossom St	Assembly St	Sumter St	0	25	2	20	10	10	15	62	None
	Medium	4	Clement Rd/Duke Ave/River Dr	Main St	Monticello Rd	0	25	2	20	10	5	15	62	None
	Medium	4, 5	Elmwood Ave	Wayne St	Proposed Greenway Connector	0	25	2	20	10	10	15	62	None
	Medium	5	Gervais St	Gist St	Huger St	0	25	2	20	10	10	15	62	None
	Medium	4	Hampton St	Pickens St	Harden St	0	25	2	20	10	10	15	62	None, but Parking on Both sides (Bikeway possible)
	Medium	4, 5	Main St	Pendleton St	Whaley St	0	25	2	20	10	10	15	62	None, but Parking on Both sides (Bikeway possible)
	Medium	6	Beltline Blvd	Rosewood Dr	Devine St	0	5	2	20	10	10	15	62	None
	Medium	2	Dutchman Blvd	Broad River Rd	Lake Murray Blvd	0	25	2	20	10	10	15	62	None, Road ends in a cul-de-sac, could extend over to Lake Murray, requires ROW
	Medium	6	Garners Ferry Rd	Rosewood Dr	True St	0	20	2	20		5	15	62	None
	Medium	4	Pickens St/Washington St/Wayne St	Hampton St (west)	Hampton St (east)	0	20	2	20		10	10	62	None, but Parking in some areas (Bikeway possible)
	Medium	5	Wheat St	Sumter St	Assembly St	0	20	2	20	10	10	10	62	Traveling toward Assembly St. - Bikeway Exists on Both Sides until Main St. - None until End
	Medium	2	Wilson Blvd.	I-77	Farrow Rd.	0	5	2	20	10	10	10	57	Will be completed as part of Wilson Blvd. improvements
	Medium	2	Hardscrabble Rd.	Farrow Rd.	Lee Rd.	0	5	2	15	10	10	15	57	Will be completed as part of Hardscrabble Widening Project
	Medium	2	Hardscrabble Rd.	Lee Rd.	Lake Carolina Blvd.	0	5	2	20	10	10	10	57	Will be completed as part of Hardscrabble Widening Project
	Medium	3, 8, 10	Alpine Rd	Two Notch Rd	Percival Rd	0	20	2	20	10	10	15	57	None
	Medium	3, 8	Trenholm Rd	South of Dent Middle School	Decker Blvd	0	20	2	20	10	10	15	57	None
	Medium	10	Shop Rd	Beltline Blvd	Pineview Dr	0	25	2	20	10	5	15	57	None
Medium	5	Wheat St	Harden St	King St	0	20	2	20	10	10	15	57	None	
Medium	5	Blossom St	Huger St	Assembly St	0	20	2	20	10	10	15	57	None	

BIKEWAY PROJECTS

Council Approval: 10/7/14

	Medium	5	Bull St/Henderson St/Rice St	Wheat St	Heyward St	0	25	2		10	5	15	57	None	
	Medium	5, 10	Holt Dr/Superior St	Wiley St	Airport Blvd	0	10	2	20		10	15	57	None	
	Medium	5	Huger St	Blossom St	Gervais St	0	20	2		10	10	15	57	None, but Parking in some areas (Bikeway possible)	
	Medium	3, 7, 8, 9	Two Notch Rd	Alpine Rd	Spears Creek Church Rd	0	20	2	20			15	57	None	
Low Priority Projects	Low	5	Catawba St/Tryon St/Whaley St/Williams St	Church St	Blossom St	0	20	2		10	5	15	52	None	
	Low	4	Beltline Blvd/Colonial Dr/Farrow Rd	Harden St	Academy St	0	5	2	20		10	15	52	None	
	Low	4, 5	College St	Lincoln St	Sumter St	0	10	2	20		10	10	52	Traveling toward Sumter St. - Parking On Both Sides (Bikeways possible) - From Begin to End	
	Low	4, 5	Greene St	Assembly St	Bull St	0	10	2	20	10	10	0	52	None, but Parking on Both sides in some areas (Bikeway Possible)///Majority of project complete	
	Low	4	Sumter St	Washington St	Senate St	0	10	2	20		10	10	52	None, but Parking on Both sides (Bikeway possible)	
	Low	2, 7	Blythewood Rd	Winnsboro Rd	Main St	0		1	20	10		5	15	51	None
	Low	10	Atlas Rd.	Bluff Rd.	Garners Ferry Rd.	0	10	2	10	10	10	5	47	47	Will be completed as part of Atlas Road Widening Project
	Low	7, 8	Clemson Rd	Longtown Rd	Brook Hollow Dr	0	5	2	20		5	15	47	47	None
	Low	8, 9, 10	Clemson Rd	Summit Pky	Percival Rd	0	5	2	20		5	15	47	47	None
	Low	4, 5	Broad River Rd	Bush River Rd	Greystone Blvd	0	10	2		10	10	15	47	47	None
	Low	5	Lincoln St	Blossom St	Lady St	0	10	2		10	10	15	47	47	None
	Low	8, 9, 10	Polo Rd	Two Notch Rd	640' south of Mallet Hill Rd	0	20	2		10		15	47	47	None
	Low	6	Beltline Blvd/Devine St	Rosewood Dr	Chateau Dr	0	25			10	10		45	45	Traveling toward Chateau Dr. - Bikeway Exists on Both Sides- From N.Beltline Blvd to Falcon Dr.
	Low	10	Shop Rd	George Rogers Blvd.	Northway Rd	0	5	2	10	10	5	10	42	42	Will be completed as part of Shop Rd. Widening Project
	Low	10	Bluff Rd.	Berea Rd.	Beltline Blvd	0	5	2	0	10	10	15	42	42	Will be completed as part of Bluff Rd. Widening Project
	Low	10	Bluff Rd.	Rosewood Dr.	Berea Rd.	0	5	2	5	10	10	10	42	42	Will be completed as part of Bluff Rd. Widening Project
	Low	3	Beltline Blvd	Forest Dr	Valley Rd	0	5	2		10	10	15	42	42	None
	Low	2	Columbiana Dr	Lake Murray Blvd	Lexington County Line	0	0	2	20		5	15	42	42	None
	Low	5	Greene St	Assembly St	350' west of Lincoln St	0	10	2		10	10	10	42	42	None, but Parking on Both sides in some areas (Bikeway Possible)
	Low	4, 5	Pendleton St	Lincoln St	Marion St	0	10	2		10	10	10	42	42	None, but Parking on Both sides (Bikeway possible)
	Low	10	Shop Rd	Northway Rd.	Beltline Blvd	0	5	2	0	10	10	10	37	37	Will be completed as part of Shop Rd. Widening Project
	Low	10	Pineview Rd.	Bluff Rd.	Garners Ferry Rd.	0	5	2	0	10	10	10	37	37	Will be completed as part of Pineview Widening Project
	Low	1	Broad River Rd.	Royal Tower Rd.	Woodrow St.	0	5	2	5	10	10	5	37	37	Will be completed as part of US 176 Widening Project
	Low	2	Broad River Rd.	Lake Murray Blvd	Western Ln.	0	5	2	5	10	10	5	37	37	Will be completed as part of US 176 Widening Project
	Low	1	Dutch Fork Blvd.	Broad River Rd.	Rauch Metz	0	5	2	10	10	5	5	37	37	Will be completed as part of Dutch Fork Widening Project (not currently funded in the roadway projects list.)
	Low	4, 5	Broad River Rd	Greystone Blvd	Broad River Bridge	0	0	2		10	10	15	37	37	None
	Low	8	Clemson Rd	Brook Hollow Dr	Summit Pky	0	5	2		10	5	15	37	37	None
	Low	3	Craig Rd	Harrison Rd	Covenant Rd	0	0	2	20		5	10	37	37	None, except Traveling toward Covenant Rd - Unmarked bikeway on Right side- From N. Beltline Blvd to Covenant Rd.
Low	5	Blossom St	Williams St	Huger St	0	20				10		30	30	Traveling toward Huger St. - Bikeway Exists on the Right Side- From Williams St. to Huger St.	
Low	1	Broad River Rd	Woodrow St.	I-26 (Exit 97)	0	5	2	5		10	5	27	27	Will be completed as part of US 176 Widening Project	