



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



SIDEWALK PROJECTS

Council Approval: 10/7/14

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
			Sidewalks			0-20 pts	10-25 pts	0-2 pts	10-20 pts	5-10 pts	5-10 pts	5-15 pts	102 pts	
Completed Projects	*	5	Blossom St	Williams St	Huger St									Traveling toward Huger St. - Sidewalk on Both Sides - Begin to End (Complete)///Connectivity to City/County SIB///High volume of development in area///Part of Bike/Ped Master Plan
	*	5	Gervais St	450' west of Gist St	Gist St									Traveling toward Gist St. - Sidewalk on Both Sides- From Begin to End (Complete)
	*	5	Gervais St	Gist St	Huger St									Traveling toward Huger St. - Sidewalk on Both Sides- From Begin to End (Complete)
High Priority Projects	High	5	Shandon St	Rosewood Dr	Heyward St	0	22	2	20	10	10	15	79	No Sidewalk at Present
	High	4	Jefferson St	Sumter St	Bull St	0	20	2	20	10	10	15	77	No Sidewalk at Present
	High	8	Polo Rd	Mallet Hill Rd	Alpine Rd	0	25	2	20	10	10	10	77	None (Partial Right Sidewalk in front of apartment complex)
	High	5,6	Senate St	Gladden St	Kings St	0	25	2	20	5	10	15	77	No sidewalk at present///street passes a park
	High	10	Wiley St	Superior St	Edisto Ave	0	22	2	20	5	10	15	74	No sidewalk at present///Connects to neighborhood park that is not park of greenway system
	High		Harrison Road	Two Notch Rd	Forest Drive	0	20	2	15	10	10	15	72	No Sidewalk at Present
	High	6	Maple St	Kirby St	Gervais St	0	20	2	20	5	10	15	72	No Sidewalk at Present
	High	4	Mildred Ave	Westwood Ave	Duke Ave	0	20	2	20	5	10	15	72	No Sidewalk at Present
	High	4	Wildwood Ave	Monticello Rd	Ridgewood Ave	0	20	2	20	5	10	15	72	No sidewalk at present///Leads to neighborhood park on other side of Monticello Rd that is not part of greenway system
	High	3	Windover St	Two Notch Rd	Belvedere Dr	0	20	2	15	10	10	15	72	No Sidewalk at Present
	High	4	Sunset	Elmhurst Road	River Drive	0	25	2	20	10	10	5	72	Traveling toward River Dr. - None until 300ft before End - Sidewalk on Both Sides until End
Medium Priority Projects	High	11	Leesburg Rd	Garners Ferry Rd	Semmes Rd	0	20	2	20	10	10	10	72	Traveling toward Semmes Rd. - Sidewalk on Left until Green Lawn Dr. - Sidewalks on Both Sides until Eugene St. - Sidewalk on Left until Twin Lakes Rd- None until End
	High	11	Lower Richland Blvd	Rabbit Run Rd	Garners Ferry Rd	0	20	2	20	7	5	15	69	No Sidewalk at Present
	High	3	Magnolia St	Two Notch Rd	Pinehurst Rd	0	20	2	15	7	10	15	69	No Sidewalk at Present
	Medium	9, 10	Clemson Rd	Two Notch Rd	Percival Rd	0	20	2	15	10	5	15	67	No Sidewalk at Present
	Medium	4	Franklin St	Sumter St	Bull St	0	20	2	15	5	10	15	67	No Sidewalk at Present
	Medium	5	Huger St	Blossom St	Gervais St	0	25	2	15	10	10	5	67	Traveling toward Gervais- Sidewalk on Both Sides until Devine St. - Sidewalk on Left side until Building corner- None Until Senate St. - Sidewalk on Both Sides until End
	Medium	3, 8, 10	Alpine Rd	Two Notch Rd	Percival Rd	0	25	2	10	10	10	5	62	Traveling toward Two Notch - Sidewalk Existing on Right Side -Starting from Gardenia Dr. to Two Notch Rd. (Sidewalk and Bikeway shall be combined, thus lower costs)
	Medium	5,10	Heyward St/Marion St/Superior/Holt St	Whaley St	Airport Blvd.	0	10	2	20	10	10	7	59	Entire length, sidewalk is primarily on one side of the street.
	Medium	10	Royster St	Mitchell St	Superior St	0	10	2	15	7	10	15	59	No Sidewalk at Present
	Medium	3	School House Rd	Two Notch Rd	Ervin St	0	10	2	10	10	10	15	57	No Sidewalk at Present
	Medium	6	Pelham	Gills Creek Parkway	Garners Ferry Road	0	20	2	10	10	10	5	57	City priority list///Project complete, funds need to be redirected to Assembly Street Improvements to avoid losing existing earmark.
	Medium	4	Calhoun St	Gadsden St	Wayne St	0	25	2	10	10	5	5	57	Traveling toward Wayne St. - Sidewalk On Both Sides- From Begin to End
	Medium	6	Percival Road	Forest Dr	Decker Blvd	0	10	2	20	10	10	5	57	Traveling toward Decker Blvd. - Sidewalk on Right Side for 500' - None until Northshore Rd. - Left Side until End///Part of Bike/Ped Master Plan
	Medium	5	Prospect	Wilmot Avenue	Yale	0	10	2	20	5	5	15	57	No Sidewalk at Present
	Medium	5	Shandon St	Wilmot St	Wheat St	0	10	2	20	5	5	15	57	No Sidewalk at Present
Low Priority Projects	Low	5, 10	Assembly St/Shop Rd	Whaley St	Beltline Blvd	0	15	2	10	10	10	5	52	Traveling toward Beltline Blvd. - Sidewalk on Left Side for 350' - None until End
	Low	5	Bratton St	King St	Maple St	0	10	2	20	5	10	5	52	Traveling toward Maple St. - Sidewalk on Left Side for 100' - None until End
	Low	8, 9, 10	Polo Rd.	Two Noth Rd.	Mallet Hill Rd.	0	20	2	20	5	5	5	52	Will be completed part of the Polo Rd. Widening Project
	Low	4	Broad River Rd	Greystone Blvd	Broad River Bridge	0	20	2	10	10	10		52	Bike/Ped Master Plan
	Low	4, 5	Laurel St	Gadsden St	Pulaski St	0	25	2	10	5	5	5	52	Traveling towards Gadsden, sidewalk on both sides
	Low	7, 8, 9	Clemson Rd	Longwood Rd.	Two Notch Rd	0	10	2	20	10	5	5	52	/// Traveling toward Two Notch Rd. - Sidewalk on Right Side - From N. Springs to Town Center Place. Total road length is 4.48 miles, but only 1 mile of sidewalk in plan.
	Low	3	Koon	Malinda Road	Farmview Street	0	10	2	20	5	10	5	52	Traveling toward Farmview St. - Sidewalk on Left Side Until 500' after Prescott Rd. - None at Present until End
	Low	3, 7, 8, 9	Two Notch Rd	Alpine Rd	Spears Creek Church Rd	0	10	2	15	10	10	5	52	Traveling toward Spears Creek Church - Sidewalk Exists on Both Sides Until Rabon Rd - Sidewalk on Left until Lionsgate Dr. - None Until End
	Low	4, 5	Wayne St	Calhoun St	Laurel St	0	25	2	10	5	5	5	52	Traveling toward Laurel St. - None until Richland St. - Sidewalk on Left side until End
	Low	5	Lincoln St	Heyward St	Whaley St	0	10	2	10	7	10	10	49	Traveling toward Whaley St., no sidewalk on either side.
	Low	3	Pinehurst	Harrison Road	Forest Drive	0		2	20	10		5	47	Traveling toward Forest Drive - Sidewalk On Right Side Until End - (Left Sidewalk exists for a short amount distance before Forest Drive)///Portion complete, need to finish route to enhance safety///Park of Bike/Ped Master Plan
	Low	10	Bluff Rd.	Rosewood Dr.	Beltline Blvd.	0	15	2	10	10	10		47	Will be completed as part of the Bluff Rd. Widening Project
	Low	1	Broad River Rd.	Royal Tower Rd.	Woodrow St.	0	10	2	15	10	10		47	Will be completed as part of the US 176 Widening Project
	Low	2	Broad River Rd	Harbison Blvd	Bush River Rd	0	10	2	10	10	10	5	47	Bike/Ped Master Plan
	Low	6	Fort Jackson Blvd	Wildcat Rd	I-77	0	20	2	10	10	5	0	47	Traveling toward I-77 - Sidewalk on Both Sides - From Begin to End (Complete)
	Low	5	Tryon St	Catawba St	Heyward St	0	15	2	15	5	5	5	47	Traveling toward Heyward St. - Sidewalk On Both Sides until End
	Low	2	Broad River Rd/Lake Murray Blvd	I-26	Harbison Blvd	0	10	2	10	10	10	5	47	Traveling toward Harbison - Sidewalk Exists on Both Sides - From I-26 to Kinley Rd.
	Low	2	Columbiana Dr	Lexington County Line	Lake Murray Blvd	0	10	2	10	10	10	5	47	Traveling toward Lexington County Line - Sidewalk on Right Side - From Begin to End /// Sidewalk on Left Side at Begin, but not to the end.
	Low	4	Grand St	Shealy St	Hydrick St	0	10	2	20		10	5	47	Traveling toward Hydrick St. - Sidewalk on Right Side for 350' before Academy St. - None until Liberty St. - Sidewalk on the Right until Dead End
	Low	5	Lyon St	Gervais St	Washington St	0	10	2	20		10	5	47	Traveling toward Washington St. - Sidewalk on the Right Side until End
	Low	5	Park St	Gervais St	Senate St	0	10	2	10	10	10	5	47	Traveling toward Senate St. - Sidewalk on Left Side until End
Low	11	Veterans	Garners Ferry Road	Wormwood Drive	0	10	2	10	10	10	5	47	Traveling toward Wormwood Drive - Sidewalk on Right Side until End	
Low	11	Atlas Rd	Fountain Lake Way	Garners Ferry Rd.	0	10	2	10	10	10	10	42	Will be completed as part of the Atlas Rd. Widening Project	
Low	2	Broad River Rd.	Lake Murray Blvd.	Western Ln.	0	10	2	10	10	10	10	42	Will be completed as part of the US 176 Widening Project	
Low	2	Blythewood Rd	I-77	Main St	0	10	2	10	10	5	0	37	Traveling toward Main St. - Sidewalk on Both Sides - Begin to End (Complete)	
Low	4	Colonial Dr/Farrow Rd	Harden St	Academy St	0	10	2	10	10		5	37	Traveling down Colonial Dr. toward Academy St. - Sidewalk on Both Sides- From Begin to End /// Traveling down Farrow Rd. toward Academy St. - Sidewalk on Right Side, except after Booker St.- Sidewalk on Both Sides	
Low	6,11	Veterans	Coachmaker Road	Coatsdale Road	0	10	2	10	5	5	5	37	Traveling toward Coastdale Rd. - Sidewalk on Left Side until End	