

Greenville-Pickens Area
Transportation Study

HORIZON 2050 LONG RANGE TRANSPORTATION PLAN

OCTOBER 2026





CHAPTER 7

Project Alternatives & Strategies Development

CHAPTER 7: PROJECT ALTERNATIVES & STRATEGIES DEVELOPMENT

Development of the *Horizon 2050 LRTP*'s project and policy alternatives was guided by feedback received during round one of public engagement, needs and transportation related issues identified during the existing and future conditions assessment, and recommendations identified in local plans and studies. The plans and studies considered can be found in the Existing Conditions Assessment.

After a list of multimodal project alternatives was developed, the projects were evaluated against a matrix of performance measures to determine how well the projects align with the Horizon 2050 Guiding Statements and objectives. This evaluation determined how well each project helps progress towards GPATS' vision of the future transportation network. Projects ranking the highest were considered "high priority projects."

Horizon 2050 Improvement Strategies

This process began by identifying a toolbox of strategies that could be used to address transportation issues and needs identified during the existing and future conditions assessments and round one of public engagement. This toolbox of strategies (see [Figure 36](#) to the right) was used as a starting place for the list of multimodal projects later evaluated in the prioritization matrix.

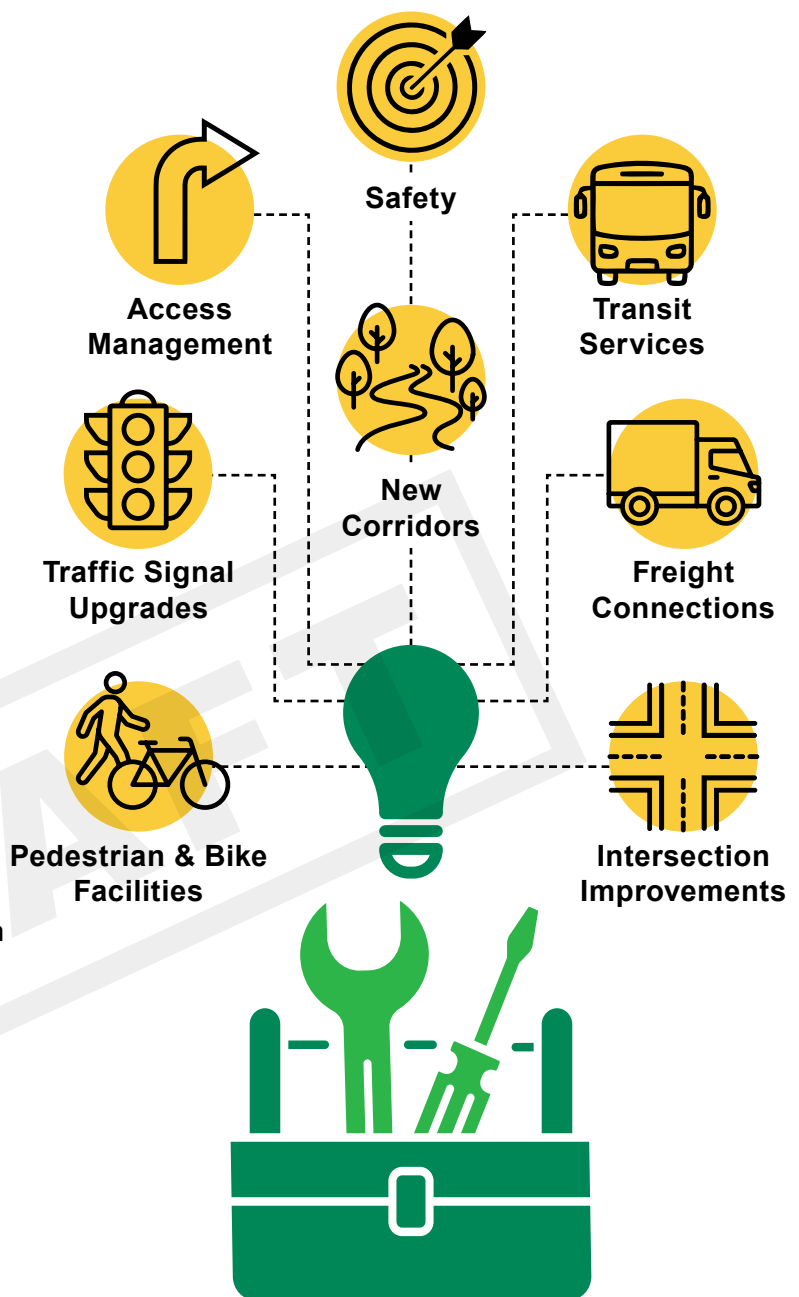


Figure 36 | Improvement Strategy Toolbox

ROADWAY STRATEGIES



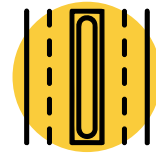
Additional Travel Lanes

Construction of additional through lanes or turn lanes to accommodate additional traffic volume



Corridor Signal Timing/Upgrades

Systematic adjustment of existing traffic signal operations or modernization of existing traffic signal equipment along an entire corridor



Medians

Construction of a separation or barrier between opposing traffic lanes to improve safety and traffic operations



Roadway Reconfiguration

Reconfiguring existing traffic lanes to improve traffic flow and user experience, such as converting a four-lane road to a three-lane road with a center turn lane



Improved Pavement Markings

Adding or upgrading pavement markings to be clearer, highly visible, and reflective



Paved Shoulders/Improve Existing Shoulders

Adding paved shoulders, or widening existing shoulders, along a roadway



Rumble Strips/Improve Existing Rumble Strips

Addition or improvement of a textured surface along a roadway to alert a roadway user that they are departing from the travel lane



Driveway & Median Access Management

Restriction of turning movements and access to driveways to specific, well-thought-through locations to improve safety and traffic operations



Lighting

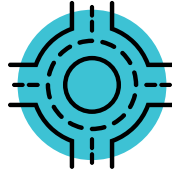
Addition of lighting along a corridor to improve visibility for roadway users

INTERSECTION STRATEGIES



Traffic Signal Timing/Upgrades

Adjustment of existing traffic signal operations or modernization of existing traffic signal equipment



Roundabouts

Alternative design to signalized intersections where traffic circulates in a continuous counterclockwise motion around a center island



Addition of Turn Lanes

Addition of an exclusive lane for right- or left-turn movements that improve traffic flow by reducing delay



Restricted Left Turns

Restriction of left-turn movements to reduce potential collision conflict points within an intersection



Protected Left Turns at Signalized Intersections

Addition of exclusive signal time for left-turn movements to reduce potential collision points within an intersection



Advanced Signage/Improved Advanced Signage

Addition of or improvement of signage approaching an intersection with limited visibility



Improved Sight Lines

Implementation of improvements at an intersection to improve visibility at an intersection to enhance safety

BICYCLE & PEDESTRIAN STRATEGIES



Sidewalks/ Improved Sidewalks

Addition or improvement of sidewalks along a corridor to provide clearly delineated space for pedestrians and enhance safety



New or Improved Cycle Tracks/Bike Lanes

Addition or improvement of on-street bicycle infrastructure along a corridor to provide clearly delineated space for cyclists and enhance safety



Multiuse Path

Construction or improvement of off-street and on-street paths that can be used by pedestrians and cyclists, including improved pavement markings at street crossings



Bike & Pedestrian Friendly Signal Timing

Introduction of a leading bicycle/pedestrian interval or a separate interval for bicycles/pedestrians at an intersection to improve safety



New/Improved Crossing Infrastructure

Implementation of clearly delineated crossing infrastructure, such as rectangular rapid flashing beacons (RRFBs) or leading pedestrian intervals, at intersections to improve safety



Grade Separated Crossings

Construction of an overpass or underpass at locations where multiuse paths intersect streets at-grade

TRANSIT STRATEGIES



Increased Service Hours & Weekend Service

Extending current service hours during weekday operations or expanding transit services on weekend days and holidays



Same Day Service

Allowing passengers to book same day transit trips rather than requiring booking 24 hours in advance



Bus Rapid Transit

Improving public transportation service through dedicated lanes, bus pullouts, and transit signal priority to provide faster, more reliable service

Horizon 2050 Alternatives

Public and stakeholder feedback compiled from the first round of engagement directly influenced the unranked list of projects that was introduced to the public during the second round of engagement. During round two, participants were asked to review the project list and draft evaluation criteria to determine if it was moving in the correct direction and to identify if any projects are missing. Feedback from round two was incorporated into the unranked list of projects shown in [Table 12](#). In addition to public and stakeholder feedback, the projects in the list shown below originated from the following sources:

- Existing local and regional plans
- The GPATS Congestion Management Process (CMP)
- The SCDOT RMP
- Technical congestion and safety analysis conducted in the LRTP planning process

ID	SOURCE	COUNTY	CITY AREA	TYPE	NAME	TERMINI	IMPROVEMENT TYPE
1	Local Plans	Pickens	Easley	Bike/Ped	Gilder Creek Multi-Use Trail	East Butler Rd to Corn Rd	New Multiuse Path
2	Stakeholder Feedback	Pickens & Greenville	Easley & Greenville	Bike/Ped	Doodle Trail Extension	Easley to Greenville	New Multiuse Path
3	Interactive Comment Map	Anderson and Pickens	Easley and Powdersville	Bike/Ped	Doodle Trail Extension	Easley to Powdersville	New Multiuse Path
4	Greenville DTMP	Greenville	Greenville	Bike/Ped	Greenline Connection off South Side of Laurens Rd	At Swamp Rabbit Trail	New Multiuse Path
5	Greenville DTMP	Greenville	Greenville	Bike/Ped	McDaniel Ave Trail	McBee Ave to Ridgeland Dr	New Multiuse Path
6	Staff	Greenville	Greenville	Bike/Ped	SRT Blue Line Gap	Cleveland St to Parkins Mill	New Multiuse Path
7	Stakeholder Feedback	Greenville	Greenville	Bike/Ped	Unity Park Connector	Unity Park to Village of West Greenville	New Multiuse Path
8	Local Plans	Greenville	Greenville	Bike/Ped	US 276 (Poinsett Hwy)	Rutherford Rd and US 25	Sidewalk and Pedestrian Improvements
9	Interactive Comment Map	Greenville	Greer	Bike/Ped	S Tyger River Greenway Ext	Tyger River Greenway to Downtown Greer & up to Lake Robinson	New Multiuse Path

Table 13 | Unranked Project List

ID	SOURCE	COUNTY	CITY AREA	TYPE	NAME	TERMINI	IMPROVEMENT TYPE
10	Local Plans	Greenville	Greer	Bike/Ped	Poinsett St	-	Sidewalk and Pedestrian Improvements
11	Local Plans	Greenville	Greer	Bike/Ped	Pelham St	-	Safety Improvements
12	Interactive Comment Map	Greenville	Mauldin	Bike/Ped	Miller Rd	Bridges Rd to Woodruff Rd	Sidewalk and Pedestrian Improvements
14	Stakeholder Feedback	Greenville	Mauldin and Simpsonville	Bike/Ped	Swamp Rabbit Trail Ext	Bridgeway Station to Simpsonville	New Multiuse path
15	Interactive Comment Map	Greenville	Simpsonville	Bike/Ped	Standing Springs Rd	Ashmore Bridge Rd to W Georgia Rd	Sidewalk and Pedestrian Improvements
16	Staff	Greenville/ Spartanburg	Taylors/ Greer	Bike/Ped	SRT Orange Line	Arcadia Dr to SC-80	New Multiuse Path
17	CMP	Greenville	Travelers Rest	Bike/Ped	Hwy 25	US 276/Poinsett Hwy to Locust Hill Rd	New Multiuse Path
18	Stakeholder Feedback	Greenville	Travelers Rest	Bike/Ped	Pedestrian/ Bicycle Bridge over US 25	Downtown Travelers Rest to Commercial Area Along Benton Rd	Multiuse Path and Bike/ Pedestrian Bridge
19	Interactive Comment Map	Greenville	-	Bike/Ped	Northbound Extension of Swamp Rabbit Trail	Travelers Rest to Marietta	New Multiuse Path
149	Stakeholder Feedback	Greenville	Greenville	Bike/Ped	Brushy Creek Shared Use Path	Pleasant Valley Rd to Blue Line SRT	New Multiuse Path
151	Stakeholder Feedback	Greenville	Taylors	Bike/Ped	Orange Line SUP	Greenlink to Taylors	New Multiuse Path
152	Stakeholder Feedback	Greenville	Traveler's Rest	Bike/Ped	Gold Line SUP	YMCA to Saluda Confluence Park	New Multiuse Path
153	Stakeholder Feedback	Greenville	Greenville	Bike/Ped	Orange Line SUP	Greenline to Whitehorse RD Corridor	New Multiuse Path
154	Stakeholder Feedback	Greenville	Mauldin	Bike/Ped	Greenline SUP	CU-ICAR-Downtown Mauldin	New Multiuse Path

ID	SOURCE	COUNTY	CITY AREA	TYPE	NAME	TERMINI	IMPROVEMENT TYPE
155	Stakeholder Feedback	Greenville	Fountain Inn	Bike/Ped	Greenline SUP	Downtown Simpsonville to Dt FI	New Multiuse Path
156	Stakeholder Feedback	Greenville	Simpsonville	Bike/Ped	-	Downtown Mauldin to Simpsonville	New Multiuse Path
157	Stakeholder Feedback	Greenville	Greer	Bike/Ped	Rocky Creek SUP	Pelham Rd at Beacon to Hwy 14	New Multiuse Path
160	Stakeholder Feedback	Greenville	Greer	Bike/Ped	Wade Creek Connector	Connect New Words Creek Greenway to Wade Hampton at Walmart	New Multiuse Path
161	Stakeholder Feedback	Greenville	Unsure	Bike/Ped	Moreview Greenway	Connect Blue Ridge Dr to East Marion With Path along Moreview St	New Multiuse Path
165	Stakeholder Feedback	Greenville	Greenville	Bike/Ped	Textile Crescent	Extend Current TAP Project from Easley Bridge Rd to Anderson Rd	New Multiuse Path
166	Stakeholder Feedback	Greenville	Greenville	Bike/Ped	Pine Knoll Rd	Wade Hampton & Waddel Rd	Sidewalk and Pedestrian Improvements
167	-	Greenville	Greenville	Bike/Ped	Orchard Park	Haywood to Patewood	Sidewalk and Pedestrian Improvements
170	Stakeholder Feedback	Greenville	Fountain Inn	Bike/Ped	Hellams or Duckett to Downtown	SRT Ext	New Multiuse Path
20	CMP	Pickens	Easley	Corridor	Pendleton St	Main St to 5th St/ Walker Ellison Rd	New Multiuse Path
21	CMP	Pickens	Easley	Corridor	Calhoun Memorial Hwy	Brushy Creek Rd to Hwy 153	Traffic Improvements
22	Needs Assessment	Pickens	Easley	Corridor	Old Easley Bridge Rd	SC 153 to US 123	Widening, Safety Improvements, Intersection Improvements, Bicycle and Pedestrian Improvements

ID	SOURCE	COUNTY	CITY AREA	TYPE	NAME	TERMINI	IMPROVEMENT TYPE
23	Staff	Pickens	Easley	Corridor	SC-153 Phase 3	Phase 2 to SC-183	Safety Improvements, Intersection Improvements, Bicycle and Pedestrian Improvements
26	CMP	Anderson and Pickens	Easley and Powdersville	Corridor	Hwy 153	Old Easley Bridge Rd to I-85	Widening Project and Traffic improvements
27	CMP	Greenville	Five Forks	Corridor	Hwy 14	Woodruff Rd to Batesville Rd	Traffic Improvements, Bicycle and Pedestrian improvements
28	CMP	Greenville	Five Forks	Corridor	Woodruff Rd	Hwy 14 to Batesville Rd	Sidewalk and Pedestrian improvements
29	CMP	Greenville	Greenville	Corridor	Laurens Rd/ Main St	Woodruff Rd to Main St	Traffic Improvements, Bicycle and Pedestrian improvements
30	CMP	Greenville	Greenville	Corridor	Academy St	College St to North St	Bicycle and Pedestrian Improvements, Traffic Improvements
31	CMP	Greenville	Greenville	Corridor	Pleasantburg Dr	Faris Rd to Wade Hampton Blvd	Bicycle Improvements, Traffic Improvements
32	CMP	Greenville	Greenville	Corridor	Buncombe/ North St & College St/ Beattie	Butler Ave to Church St	New Multiuse Path
33	CMP	Greenville	Greenville	Corridor	Pendleton St	Lois Ave to Main St	Traffic Improvements
34	CMP	Greenville	Greenville	Corridor	Pelham Rd	North St to Hudson Rd	Sidewalk and Pedestrian Improvements, Traffic Improvements
35	CMP	Greenville	Greenville	Corridor	Haywood Rd	Laurens Rd to North St	Sidewalk and Pedestrian Improvements, Traffic Improvements
36	CMP	Greenville	Greenville	Corridor	Faris Rd/S. Washington Ave	Anderson Rd to Pleasantburg Dr	Sidewalk and Pedestrian Improvements, Traffic Improvements
37	CMP	Greenville	Greenville	Corridor	S-1077 Washington St	Trescott St to Pettigru S	Sidewalk and Pedestrian Improvements, Traffic Improvements
38	CMP	Greenville	Greenville	Corridor	Dairy Dr	Ridge Rd to Confluence Outdoors	Widening Project

ID	SOURCE	COUNTY	CITY AREA	TYPE	NAME	TERMINI	IMPROVEMENT TYPE
39	CMP	Greenville	Greenville	Corridor	Mills Ave/ Church St	Henrydale Ave to Academy St	Traffic Improvements
40	CMP	Greenville	Greenville	Corridor	Stone Ave	Rutherford St to North St/I-385	Traffic Improvements, Bicycle improvements
41	CMP	Greenville	Greenville	Corridor	Augusta Rd	Sandy Springs Rd to I-185	New Multiuse Path
42	CMP	Greenville	Greenville	Corridor	Roper Mountain Rd	Woodruff Rd to Hwy 14	Traffic Improvements
43	CMP	Greenville	Greenville	Corridor	Augusta Rd/ Pleasantburg Dr	White Horse Rd to Mauldin Rd	Traffic Improvements
44	CMP	Greenville	Greenville	Corridor	Pleasantburg Dr/State Park Rd	Poinsett Hwy to Wade Hampton Blvd	Traffic Improvements
45	CMP	Greenville	Greenville	Corridor	Augusta St/Rd	Faris Rd to Pleasantburg Dr	Traffic Improvements, Lane Reconfiguration
46	Greenville DTMP	Greenville	Greenville	Corridor	Pete Hollis Blvd/ Buncombe St	Briggs Ave to College St	Lane Reconfiguration
48	Staff	Greenville	Greenville	Corridor	W. Blue Ridge Dr	White Horse Rd to Poinsett Hwy	Safety Improvements, Intersection Improvements, Bicycle and Pedestrian Improvements
50	CMP	Greenville	Greer	Corridor	Wade Hampton Blvd	Ried School Rd to Buncombe Rd	Traffic Improvements, New Multiuse Path
51	Interactive Comment Map	Greenville	Mauldin	Corridor	Log Shoals Rd	US 276 to Fork Shoals Rd	Safety Improvements, Intersection Improvements, Bicycle and Pedestrian Improvements
53	Interactive Comment Map	Greenville	Mauldin	Corridor	Hamby Dr	Forrester Dr to Miller Rd	Widening Project
54	Interactive Comment Map	Greenville	Mauldin	Corridor	Bridges Rd	E Butler Rd to Holland Rd	Widening Project
55	Needs Assessment	Greenville	Mauldin	Corridor	Ashmore Bridge Rd	Fork Shoals to W Butler Rd	Widening project, Intersection Improvements

ID	SOURCE	COUNTY	CITY AREA	TYPE	NAME	TERMINI	IMPROVEMENT TYPE
56	Needs Assessment	Greenville	Mauldin	Corridor	East Butler Rd	Bridges Rd to Woodruff Rd	Traffic improvements, Sidewalk and pedestrian improvements
58	Stakeholder Feedback	Greenville	Mauldin	Corridor	Bridges Rd	I-385 to Hwy 14	Traffic Improvements, Intersection Improvements
59	Stakeholder Feedback	Pickens	Pickens and Liberty	Corridor	US 178	Pickens to Liberty	Intersection Improvements
60	Staff	Anderson/ Greenville	Piedmont	Corridor	SC-86	SC-81 to SC-20	Intersection Improvements
61	SC 81 Corridor Study	Anderson	Powdersville	Corridor	SC 81	Piedmont Rd to Wren School Rd	Safety Improvements, Intersection Improvements, Bicycle and Pedestrian Improvements
62	CMP	Greenville	Simpsonville	Corridor	Fairview Rd	Main St to Hwy 418	New Multiuse Path, Traffic Improvements
63	CMP	Greenville	Simpsonville	Corridor	Georgia Rd	Fork Shoals Rd to I-385	Bicycle improvements, Sidewalk and Pedestrian Improvements, Traffic Improvements
64	CMP	Greenville	Simpsonville	Corridor	Main St	Curtis St to Fairview Rd	Traffic Improvements
65	CMP	Greenville	Simpsonville	Corridor	Harrison Bridge Rd	Fairview Rd to Main St	Intersection Improvements
66	Needs Assessment	Greenville	Simpsonville	Corridor	Harrison Bridge Rd	Neely Ferry Rd to Fairview Rd	Safety Improvements, Intersection Improvements, Bicycle and Pedestrian Improvements
67	Needs Assessment	Greenville	Simpsonville	Corridor	Harts Lane	Hwy 14 to Jonesville Rd	Safety Improvements, Intersection Improvements, Bicycle and Pedestrian Improvements
68	Needs Assessment	Greenville	Simpsonville	Corridor	SC Hwy 14	E Curtis St to Harts Ln	Safety Improvements, Intersection Improvements, Bicycle and Pedestrian Improvements

ID	SOURCE	COUNTY	CITY AREA	TYPE	NAME	TERMINI	IMPROVEMENT TYPE
69	Staff	Greenville	Simpsonville	Corridor	Hwy 14	Woodruff Rd to NE Main St (Simpsonville)	Safety Improvements, Intersection Improvements, Bicycle and Pedestrian Improvements
71	CMP	Greenville	Taylors	Corridor	Main St	Wade Hampton Blvd to Taylors Rd	Traffic Improvements
72	CMP	Greenville	Taylors	Corridor	Howell/ Edwards Rd	E North Street to Wade Hampton Blvd	Traffic Improvements
73	CMP	Greenville	Taylors	Corridor	North St/Old Spartanburg Rd/Brushy Creek Rd	Howell Rd to Taylors Rd	New Multiuse Path, Sidewalks and Pedestrian improvements
74	CMP	Greenville	Taylors	Corridor	Brushy Creek Rd/Old Spartanburg	Cunningham Rd to Batesville Rd	Sidewalk and Pedestrian Improvements
75	Staff	Greenville	Taylors	Corridor	St. Mark Rd	E. Main (Taylors) to Locust Hill Rd	Intersection Improvements
76	CMP	Greenville	-	Corridor	White Horse Rd	Anderson Rd to I-85	Widening Project
78	Staff	Greenville	-	Corridor	Fork Shoals Rd	Conestee Rd to W. Georgia Rd	Safety Improvements, Intersection Improvements, Bicycle and Pedestrian Improvements
79	Staff	Greenville	-	Corridor	Stallings Rd	Rutherford Rd to Reid School Rd	Safety Improvements, Intersection Improvements, Bicycle and Pedestrian Improvements
80	Staff	Greenville	-	Corridor	Hudson Rd	Pelham to Brushy Creek	Intersection Improvements
81	Staff	Greenville	-	Corridor	SC-418	Saluda River to Durbin Rd	Intersection Improvements
83	Staff	Greenville	-	Corridor	Woodruff Rd	S. Bennetts Bridge Rd to Enoree River	Intersection Improvements
84	Staff	Greenville	-	Corridor	Scuffletown Rd	Woodruff Rd to SC-418	Intersection Improvements

ID	SOURCE	COUNTY	CITY AREA	TYPE	NAME	TERMINI	IMPROVEMENT TYPE
85	Staff	Greenville	-	Corridor	Roper Mountain Rd	Roper Mtn Ext to Woodruff Rd	Safety Improvements, Intersection Improvements, Bicycle and Pedestrian Improvements
86	Staff	Greenville	-	Corridor	SC-253 (E. Mtn. Crk/Sandy Flat Rds)	State Park Rd to Locust Hill Rd	Intersection Improvements
87	Staff	Pickens	-	Corridor	SC-8	St. Paul Rd to Anderson Hwy (SC-135)	Intersection Improvements
89	CMP	Greenville	Greenville	Corridor	I-385	East North St to I-85 Alternative	Intersection Improvements
90	CMP	Greenville	Greenville	Corridor	I-85	US 25 to Roper Mountain Rd	Widening Project
91	CMP	Greenville	Greer	Corridor	I-85	Pelham Rd to Brockman McClimon Rd	Intersection Improvements
92	CMP	Greenville	-	Corridor	I-85	Roper Mountain Rd to S-12	Widening Project
93	Local Plans	Greenville	Greenville	Corridor	US 123 (Academy St)	Pendleton St & Washington Ave	Safety Improvements, Intersection Improvements, Bicycle and Pedestrian Improvements
94	Interactive Comment Map	Greenville	Greenville	Corridor	I-185	White Horse Rd (US 25)	Intersection Improvements
144	Stakeholder Feedback	Greenville	Greenville	Corridor	Richburg Rd	WHB to E. North St	Sidewalk and Pedestrian Improvements
148	Stakeholder Feedback	Anderson	Piedmont	Corridor	Major Rd/ Moore Rd	From Hwy 86 to Hwy 81	Widening Project, Safety Improvements, Bicycle and Pedestrian Improvements
47	Haynie-Sirriner Neighborhood Plan	Greenville	Greenville	Intersection	Dunbar	At Augusta St	Realignment
95	Interactive Comment Map	Pickens	Easley	Intersection	Fleetwood Dr	Wilbur St	Intersection Improvements
96	Need Assessment	Pickens	Easley	Intersection	Brushy Creek Rd	Peason Rd	Intersection Improvements

ID	SOURCE	COUNTY	CITY AREA	TYPE	NAME	TERMINI	IMPROVEMENT TYPE
97	Need Assessment	Pickens	Easley	Intersection	Brushy Creek Rd	Sheriff Mill Rd	Intersection Improvements
98	Need Assessment	Pickens	Easley	Intersection	SC Hwy 8	West End School	Intersection Improvements
99	Need Assessment	Pickens	Easley	Intersection	SC Hwy 8	Pope Field	Intersection Improvements
100	Need Assessment	Pickens	Easley	Intersection	SC Hwy 9	At E 3rd Ave & S C St	Intersection Improvements
101	Need Assessment	Pickens	Easley	Intersection	Saluda Dam Rd	Olive St/Pace Valley Rd	Intersection Improvements
102	Stakeholder Feedback	Pickens	Easley	Intersection	US 123 at Hwy 124	US 123 at Hwy 124	Realignment
103	Stakeholder Feedback	Greenville and Laurens	Fountain Inn	Intersection	SC 418/ Cullivan St	Durbin Rd	Realignment
104	Greenville DTMP	Greenville	Greenville	Intersection	Academy St	Church St	Intersection Improvements
105	Greenville DTMP	Greenville	Greenville	Intersection	Augusta St/ Mills Ave	Church St	Intersection Improvements
106	Greenville DTMP	Greenville	Greenville	Intersection	Church St	E Coffee	Intersection Improvements
107	Greenville DTMP	Greenville	Greenville	Intersection	McDaniel Ave	Woodland Way & Univeristy Ridge	Intersection Improvements
108	Greenville DTMP	Greenville	Greenville	Intersection	Washington St	McBee Ave	Intersection Improvements
109	Haynie-Sirrine Neighborhood Plan	Greenville	Greenville	Intersection	Haynie St	Howe St	Realignment
110	Interactive Comment Map	Greenville	Greer	Intersection	Brushy Creek Rd	Alexander Rd	Intersection Improvements
111	Interactive Comment Map	Greenville	Greer	Intersection	Dillard Rd	Gibbs Shoals Rd	Intersection Improvements
112	Interactive Comment Map	Greenville	Greer	Intersection	Wade Hampton Blvd	W. Pointsett St	Intersection Improvements

ID	SOURCE	COUNTY	CITY AREA	TYPE	NAME	TERMINI	IMPROVEMENT TYPE
113	Interactive Comment Map	Greenville	Mauldin	Intersection	W Butler Rd	Fowler Cir at Laurel Meadows Parkway	Intersection Improvements
114	Interactive Comment Map	Greenville	Mauldin	Intersection	Butler Rd	Ashmore Bridge Rd	Intersection Improvements
115	Interactive Comment Map	Greenville	Mauldin	Intersection	US 276 (N Main St)	Owens Ln	Intersection Improvements
116	Interactive Comment Map	Greenville	Mauldin	Intersection	Bethel Rd	Bridges Rd	Intersection Improvements
117	Interactive Comment Map	Greenville	Mauldin	Intersection	Bethel Rd	Tanner Rd	Intersection Improvements
118	Needs Assessment	Pickens	Pickens	Intersection	SC 178	SC 183	Realignment
119	Interactive Comment Map	Anderson	Powdersville	Intersection	SC 81 (Anderson Rd)	SC 153	Intersection Improvement
120	Stakeholder Feedback	Anderson	Powdersville	Intersection	SC 81 at Old Williamston Rd	SC 81 at Old Williamston Rd	Intersection Improvement, Realignment Project
121	Stakeholder Feedback	Anderson	Powdersville	Intersection	Old Mill Rd	Three Bridges Rd/Brushy Creek Rd	Realignment
123	Interactive Comment Map	Greenville	Simpsonville	Intersection	Harrison Bridge Rd	Fairview Road	Intersection Improvement
124	Interactive Comment Map	Greenville	Simpsonville	Intersection	I-385	Old Stage Rd	Intersection Improvement
125	Local Plans	Greenville	Simpsonville	Intersection	West Georgia Rd	East Standing Springs Rd	Intersection Improvement
126	Interactive Comment Map	Greenville	Travelers Rest	Intersection	US 25	Edwards St	Intersection Improvement
127	Interactive Comment Map	Greenville	Travelers Rest	Intersection	US 25	State Park Rd	Intersection Improvement
128	Local Plans	Greenville	-	Intersection	SC 253 (State Park Rd)	Altamont Rd	Intersection Improvement
129	Local Plans	Greenville	Travelers Rest	Intersection	Tigerville Rd	Jackson Grove Rd	Intersection Improvement

ID	SOURCE	COUNTY	CITY AREA	TYPE	NAME	TERMINI	IMPROVEMENT TYPE
130	Staff	Anderson	-	Intersection	Powdersville Rd	At Three Bridges Rd	Realignment
131	Staff	Greenville	-	Intersection	Augusta	Old Augusta & Fork Shoals	Realignment
132	Local Plans	Anderson	-	Intersection	SC 81 at Dunham Bridge Rd	Dunham Bridge Rd	Intersection Improvements
133	Local Plans	Anderson	-	Intersection	SC 81 at McNeely Rd	McNeely Rd	Intersection Improvements
134	Local Plans	Anderson	-	Intersection	SC 81 at Cely Ln	Cely Lane	Intersection Improvements
143	Stakeholder Feedback	Greenville	Greenville	Intersection	Pleasantburg/ WHB	-	Intersection Improvements
168	Stakeholder Feedback	Greenville	Fountain Inn	Intersection	Exit 24 I-385	Exit 24	Intersection Improvements
171	Stakeholder Feedback	Laurens	Fountain Inn	Intersection	Exit 22 I-385	Exit 22	Intersection Improvements
135	CMP	Pickens	Easley	Signal	Main St	Liberty Dr to Dennis Dr	Traffic Improvements
136	CMP	Greenville	Greenville	Signal	Poinsett Hwy	Stone Ave to Pleasantburg Dr	Traffic Improvements
137	CMP	Greenville	Greenville	Signal	Laurens Rd/ Main St	Pleasantburg Dr to Woodruff Rd	Traffic Improvements
138	CMP	Greenville	Greenville	Signal	Park Ave/North St	Church St to Pleasantburg Dr	Traffic Improvements
139	CMP	Greenville	Greenville	Signal	Washington Ave	White Horse Rd to Easley Bridge Rd	Traffic Improvements
140	CMP	Greenville	Greenville	Signal	Roper Mountain Rd Ext	Pelham Rd to Roper Mountain Rd	Traffic Improvements
141	Needs Assessment	Greenville	Greenville	Signal	Pelham Rd	-	Traffic Improvements
142	CMP	Greenville	Mauldin	Signal	W Butler Rd	Main St to Conestee Rd	Traffic Improvements

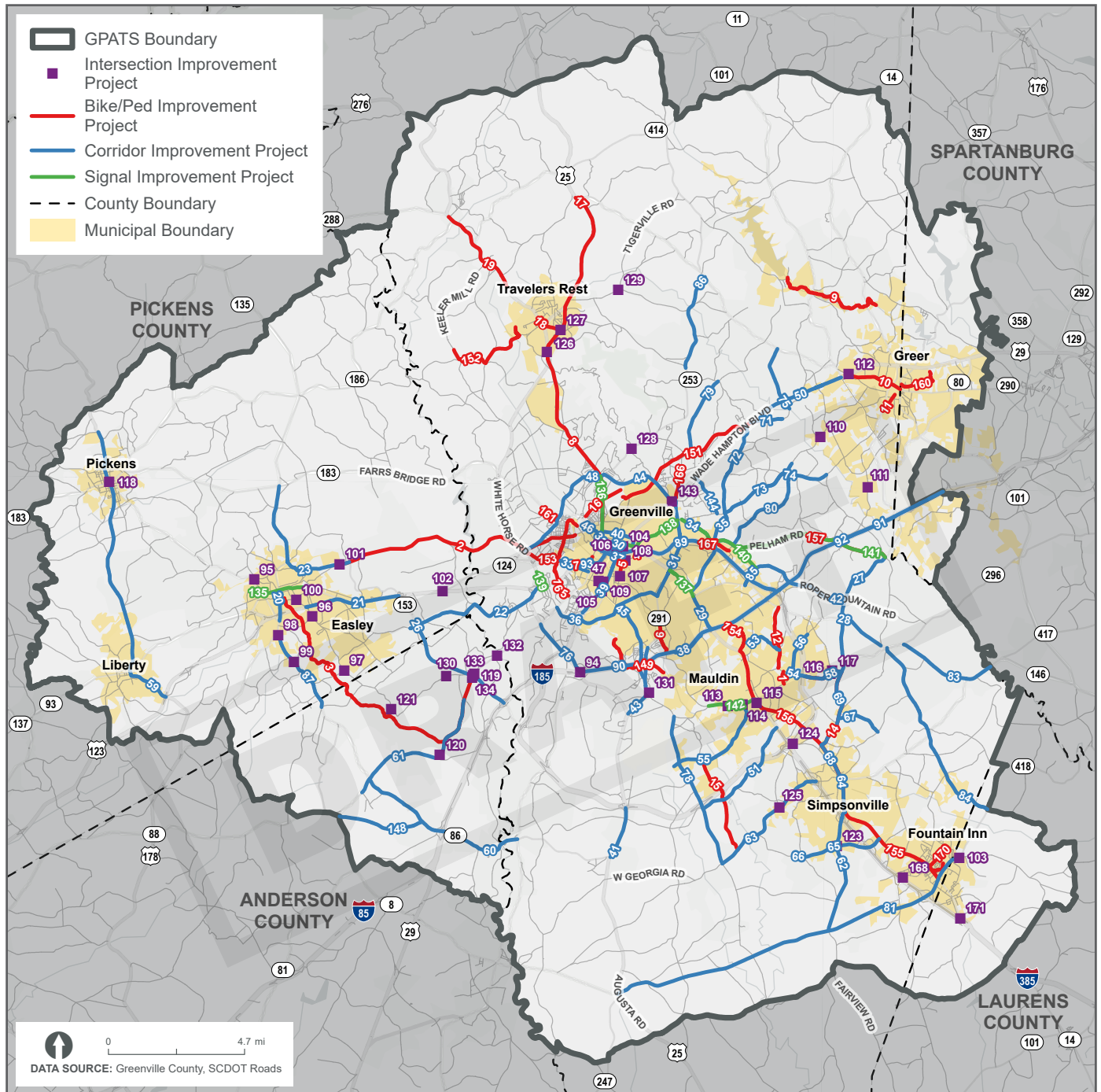


Figure 37 | Map of the Unranked Project List

Prioritization



SAFETY & SECURITY



GROWTH & DEVELOPMENT



MOBILITY & ACCESSIBILITY



CULTURE & ENVIRONMENT



SYSTEMS PRESERVATION & EFFICIENCY



ECONOMIC VALUE

GUIDING STATEMENTS	OBJECTIVES	MEASURE DEFINITIONS	SCORING	WEIGHT (CORRIDOR)	WEIGHT (INTERSECTION)	WEIGHT (BIKE/PED)
 Safety & Security: Promote a safe transportation system by reducing crashes, increasing reliability, and enhancing emergency response.	Reduce fatal and serious crashes.	Safety Improvements: Projects serves the purpose of improving safety and/or has safety benefits.	5: Project purpose is safety. 3: Project purpose is not primarily safety but would provide safety benefits. 1: Project provides has a neutral safety impact. 0: Project has a negative impact on safety.	13%	13%	18%
	Reduce fatal and serious crashes.	Traffic Crashes: Based on the crash severity – including fatal, injurious, and property damaging – and the occurrence of these types of crashes.	5: High density of existing crashes. 3: Medium density of existing crashes. 0: Low density of existing crashes.	13%	13%	18%

Table 14 | Prioritization Guiding Statements Ranked

GUIDING STATEMENTS	OBJECTIVES	MEASURE DEFINITIONS	SCORING	WEIGHT (CORRIDOR)	WEIGHT (INTERSECTION)	WEIGHT (BIKE/PED)
 Systems Preservation & Efficiency: Extend the lifespans of transportation systems by promoting fiscal responsibility and prioritizing maintenance and operational efficiency.	Maintain functionally classified pavement in Fair or Good condition.	Pavement Condition: Measure of the quality of roadway asphalt.	5: Poor pavement condition (0–2.64). 3: Fair pavement condition (2.65–3.34). 0: Good pavement condition (3.35–5)/no data available because it's a nonexistent roadway.	5%	5%	0%
	Use TSMO strategies and improvements to improve system efficiency and reliability.	TSMO: Project improves system management capabilities.	5: Project includes new TSMO assets. 3: Project upgrades existing TSMO assets. 0: Project includes no TSMO elements.	7%	7%	0%

GUIDING STATEMENTS	OBJECTIVES	MEASURE DEFINITIONS	SCORING	WEIGHT (CORRIDOR)	WEIGHT (INTERSECTION)	WEIGHT (BIKE/PED)
 Mobility & Accessibility: Create a transportation system that encourages biking, walking, and using public transit.	Limit peak hour congestion through strategies that reflect corridor function and land use context.	LOS: Existing/ Future estimate of V/C ratio.	Project addresses capacity issues in corridor where: ■ 5: <u>Existing</u> V/C ratio is greater than 1.0. ■ 4: <u>Existing</u> V/C ratio is between 0.8 and 1.0 V/C ratio. ■ 3: No existing V/C over 0.8, but <u>future</u> V/C ratio is 1.0 or higher. ■ 2: No existing V/C over 0.8, but <u>future</u> V/C ratio is between 0.8 and 1.0. ■ 0: Existing and future V/C ratios less than 0.8.	7%	7%	0%
	Improve the reliability of the multimodal transportation system so people and goods can reach key destinations predictably, without prioritizing roadway expansion as the primary congestion solution.	Travel Reliability on the NHS: Current NPMRDS estimate of LOTTR.	Project addresses reliability issues in an NHS corridor where: ■ 5: Existing LOTTR is greater than 1.5. ■ 3: Existing LOTTR is between 1.25 and 1.5. ■ 0: Existing LOTTR is less than 1.25.	7%	7%	0%

GUIDING STATEMENTS	OBJECTIVES	MEASURE DEFINITIONS	SCORING	WEIGHT (CORRIDOR)	WEIGHT (INTERSECTION)	WEIGHT (BIKE/PED)
 Mobility & Accessibility: (Continued) Create a transportation system that encourages biking, walking, and using public transit.	Promote projects listed in the CMP or RMP.	CMP Project: Project identified in CMP or a RMP Corridor.	■ 5: Project is identified in the CMP or RMP. ■ 0: Project is not Identified in the CMP or RMP.	5%	5%	5%
	Improve the safety, comfort, and connectivity of bicycle and pedestrian networks.	Bicycle & Pedestrian Connections: Bicycle and pedestrian infrastructure included in project.	■ 5: Project includes new Bike/Ped infrastructure that closes a system gap. ■ 3: Project upgrades or enhances existing bike/ped assets OR is a new bike/ped asset that does not close a gap. ■ 1: Project includes no Bike/Ped elements. ■ 0: Project removes Bike/Ped elements.	5%	5%	10%
	Improve transit reliability and service frequency.	Bus Service: Measure of bus service frequency in project corridor.	■ 5: Project improves transit service or amenities in a high frequency transit service corridor (headways of 30 minutes or less). ■ 3: Project improves transit service in a transit corridor. ■ 1: Project has a neutral impact on transit service. ■ 0: Project has a negative impact on transit service.	5%	5%	10%

GUIDING STATEMENTS	OBJECTIVES	MEASURE DEFINITIONS	SCORING	WEIGHT (CORRIDOR)	WEIGHT (INTERSECTION)	WEIGHT (BIKE/PED)
 Economic Value: Enhance regional economic vitality by simplifying the movement of people and freight within and across the region.	Support freight movement along primary freight corridors.	Percentage Truck Usage: Measure the percentage of vehicles that are trucks traversing the roadway.	5: 100th–75th Percentile. 3: 75th–50th Percentile. 0: 50th–0 Percentile.	10%	10%	0%
	Financial viability.	Cost: Preliminary cost estimates for projects.	5: Less than or equal to one year of Guideshare funding for a project's particular mode. 0: More than one year of Guideshare Funding for a project's particular mode.	10%	10%	10%
 Culture & Environment: Improve the area's quality of life by protecting and promoting its valued places and natural resources.	Create transportation connections that improve access for low-income populations.	Poverty Measure: MPO Poverty Measure (was Average Median Income (AMI) \$60,040 as of 2020 5-year Est).	5: Project improves access to area that meets threshold for low income. 1: Project does has a neutral impact on access for low income area. 0: Project has a negative impact on access for a low income area.	3%	3%	8%
	Promote transportation improvements that minimize impacts to floodplains and wetlands.	Floodplain and Wetlands: Impacts on existing floodplains and wetlands.	5: Project does not touch a floodplain or wetland. 0: Project does touch a floodplain or wetland.	3%	3%	8%

GUIDING STATEMENTS	OBJECTIVES	MEASURE DEFINITIONS	SCORING	WEIGHT (CORRIDOR)	WEIGHT (INTERSECTION)	WEIGHT (BIKE/PED)
 Growth & Development: Enhance travel efficiency by aligning transportation investments with land use planning.	Plan and implement transportation infrastructure that fits within neighborhood and business district context.	Impacts to Built Environment: Project compatibility with neighborhoods and business districts.	■ 5: Project enhances compatibility with neighborhoods through reduced speeds, less noise, or improved aesthetics (or other). ■ 1: Project has a neutral impact on compatibility with neighborhoods or there is no data available because no one lives in the census block group. ■ 0: Project has a negative impact on compatibility with neighborhoods.	10%	10%	15%



GPATS@greenvillecounty.org



GPATShorizon2050.com
