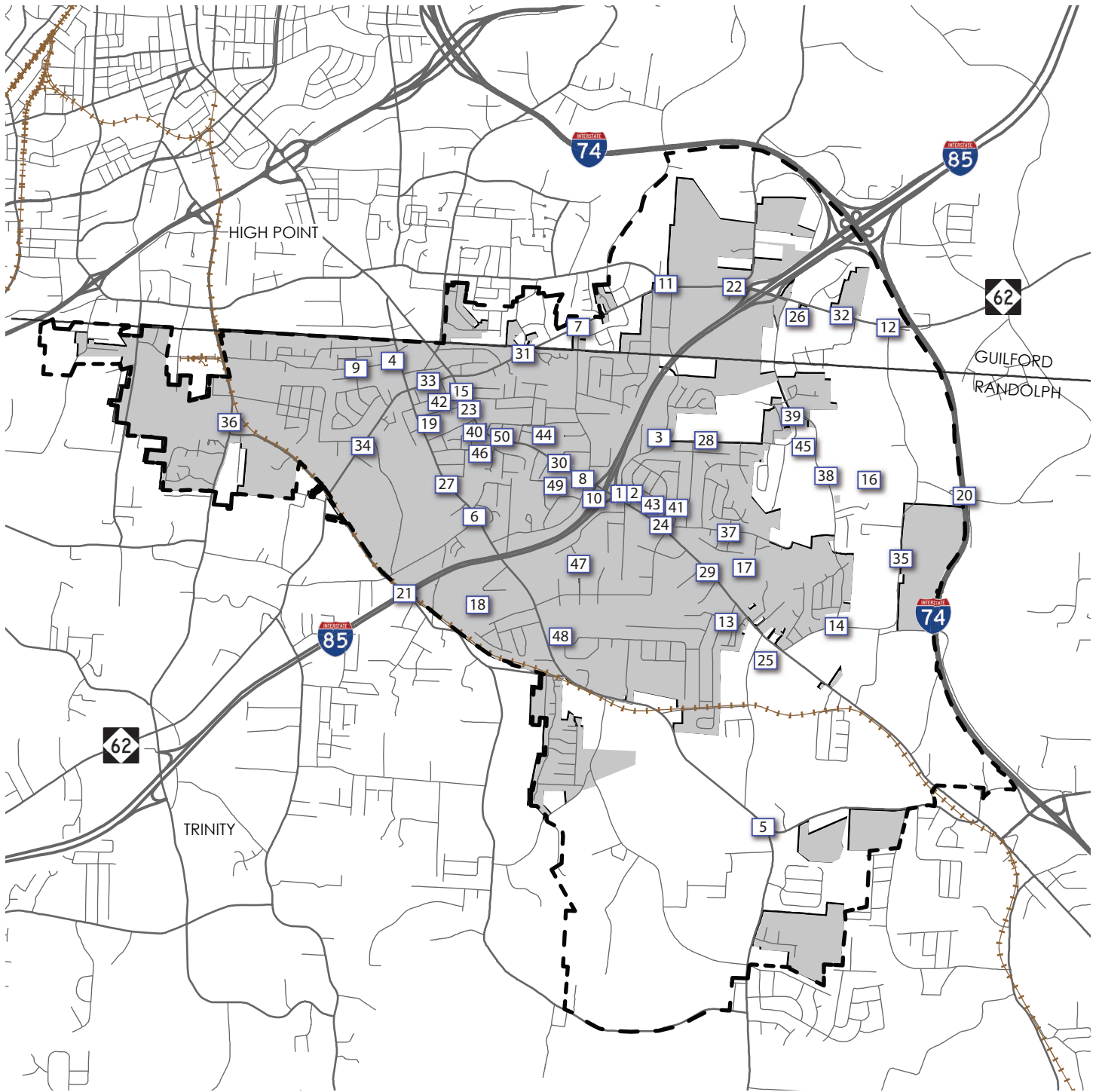


▼ MAP C.2 RECOMMENDED TRANSPORTATION IMPROVEMENTS



--- Planning Area Boundary

City Limits

33 Project ID



1 Mile

Table C.9: Recommended Transportation Improvements

ID	TYPE	ROAD	LOCATION	DESCRIPTION
1	Directional Closure	Aldridge Road	From Main Street to Burgemere Street	Convert Aldridge Road to one-way northbound from Main Street to Burgemere Street
2	Intersection Improvement	Aldridge Road / Burgemere Street	Intersection	Construct a traffic circle
3	Intersection Improvement	Aldridge Road / Huff Road	Intersection	Signalize Intersection
4	Intersection Improvement	Archdale Road / Eden Terrace	Intersection	Signalize intersection
5	Intersection Improvement	Archdale Road / Old Glenola Road	Intersection	Realign to make a standard 3-way signalized intersection OR construct a traffic circle
6	Intersection Improvement	Archdale Road / School Road	Intersection	Signalize intersection
7	Intersection Improvement	Ashland Street / NC 62	Intersection	Signalize Intersection
8	Intersection Improvement	Balfour / Ashland / Main	Intersection	Construct safety, traffic management and capacity improvements
9	Intersection Improvement	Eden Terrace / Garrell Street	Intersection	Construct safety and functional improvements
10	Intersection Improvement	I-85 / Main Street Interchange	Northbound and southbound off ramps	Widen to accommodate dual left turn lanes from ramps to Main Street

Table C.9: Recommended Transportation Improvements (cont.)

ID	TYPE	ROAD	LOCATION	DESCRIPTION
11	Intersection Improvement	NC 62 / Aldridge Road / Fairfield Road	Intersection	Realign intersection and construct safety improvements
12	Intersection Improvement	Penman Road / NC 62	Intersection	Signalize Intersection
13	Intersection Improvement	Shean Drive / Macon Drive	Intersection	Construct safety and functional improvements
14	Intersection Improvement	Suits Road / Weant Road	Intersection	Signalize intersection OR construct a traffic circle
15	Intersection Improvement	White Drive / Main Street	Intersection	Signalize Intersection
16	New Facility	New Route	From Weant Road to Tuttle Road	Construct new two lane median divided road
17	New Facility	New Route	From Wood Ave to Main Street	Construct new two lane median divided road with sidepaths
18	New Facility	New Route	From Archdale Road to Trinity Road (near prop. interchange)	Construct new two lane median divided road
19	New Facility	New Route	From West White Drive to Plummer Drive	Construct new street with two lane residential cross section
20	New Interchange	I-74 at Tuttle Road	Interchange	Construct new interchange

Table C.9: Recommended Transportation Improvements (cont.)

ID	TYPE	ROAD	LOCATION	DESCRIPTION
21	New Interchange	I-85 at Trinity Road	Interchange	Construct new interchange
22	Realignment	Kersey Valley Road	North of NC 62	Realign Kersey Valley Road intersection to the west
23	Realignment	Northeast Drive	West of Main Street	Realign intersection with Main Street to the north to create a 4-way signalized intersection with Englewood Drive
24	Realignment	Rand Boulevard	South of Knollwood Drive	Relocate west to align with a consolidated (signalized) driveway serving both shopping centers on the south side of Main Street.
25	Realignment	Tom Hill Road	South of Main Street	Realign intersection with Main Street to the south to create 4-way intersection with Suits Road
26	Realignment	Weant Road	South of NC 62	Realign Weant Road intersection to the east of Bluewood Court and signalize intersection with NC 62
27	Safety / Capacity Improvement	Archdale Road	From Main Street to Robbins Country Road	Reconstruct road with a 3 lane cross section and pedestrian infrastructure
28	Safety / Capacity Improvement	Huff Road	From Aldridge Road to Pinebrook Drive	Reconstruct road with a 2 lane median divided cross section and sidepath
29	Safety / Capacity Improvement	Main Street	From south of Columbus Avenue to Suits Road	Safety improvements, access management improvements and pedestrian infrastructure
30	Safety / Capacity Improvement	Main Street	From USPS access road to Balfour Drive	Close south side driveway access points and construct a southbound right / through lane to the I-85 southbound on-ramp

Table C.9: Recommended Transportation Improvements (cont.)

ID	TYPE	ROAD	LOCATION	DESCRIPTION
31	Safety / Capacity Improvement	NC 62	From Main Street to Aldridge Road	Reconstruct road with a 2 lane median divided cross section and sidepath
32	Safety / Capacity Improvement	NC 62	From Aldridge Road to I-74 Bridge	Widen road to 4 lane median divided cross section with sidepath
33	Safety / Capacity Improvement	NC 62	From Main Street to Archdale Road	Reconstruct road with an urban 2 lane median divided cross section with sidewalks and streetscape improvements
34	Safety / Capacity Improvement	NC 62	From Sealy Drive to Archdale Road	Reconstruct road with a 2 lane median divided cross section and sidepath
35	Safety / Capacity Improvement	Suits Road (Penman Road)	From Main Street to NC 62	Widen to a 2 lane median divided cross section
36	Safety / Capacity Improvement	Surrett Drive	From Daniel Paul Drive to Eden Terrace	Reconstruct road with a 3 lane cross section
37	Safety / Capacity Improvement	Wood Avenue	From Tar Heel Drive to end	Reconstruct road to an urban 2 lane cross section with sidepath
38	Safety / Capacity Improvement	Weant Road	From NC 62 to Sharon Dale Drive	Widen to a 2 lane median divided cross section
39	Street Closure	Huff Road	South of Weant Road	Close a section of Huff Road south of its current intersection with Weant Road - permit local access to existing homes
40	Street Closure	Luck Drive	Intersection of Plummer Drive	Close Luck Drive south of its intersection with Plummer Drive

Table C.9: Recommended Transportation Improvements (cont.)

ID	TYPE	ROAD	LOCATION	DESCRIPTION
41	Street Closure	Tar Heel Drive	North of Wood Avenue	Close Tar Heel Drive north of Wood Ave and reconfigure existing geometry to provide for free flowing traffic between Wood Ave and the Main Street Intersection
42	Street Extension	Bonnie Place	From West White Drive to Plummer Drive	Extend street with a two lane urban cross section
43	Street Extension	Burgemere Street	From Aldridge Road to relocated Rand Boulevard	Extend street to relocated Rand Boulevard
44	Street Extension	Glendale Drive	From Julian Avenue to Main Street	Construct new 2 lane road to align with Columbus Ave and signalize intersection with Main Street
45	Street Extension	Huff Road	From Pinebrook Road to Weant Road	Construct new two lane median divided road
46	Street Extension	Misty Lane	Between current dead ends.	Close the existing gap in Misty Lane, reconstruct roadway to 2 lane urban cross section and signalize Main Street intersection.
47	Street Extension	Navajo Drive	From current terminus to Carolina Court	Extend industrial street across Muddy Creek and gate existing access point to the industrial park - providing for emergency access
48	Street Extension	Robin Lane	From Robin Circle to Archdale Road	Construct new two lane road and signalized intersection at Archdale Road
49	Street Extension	York Place	From Balfour Drive to USPS access drive	Reconstruct to a 2 lane cross section and extend to USPS / merge with Main Street access point and signalize intersection
50	Street Improvement	Main Street	Vicinity of Columbus Ave to north of NC 62	Reconstruct Main Street from its current 5 lane configuration to a 3 lane urban cross section with intermittent medians, pedestrian infrastructure, and streetscape improvements