

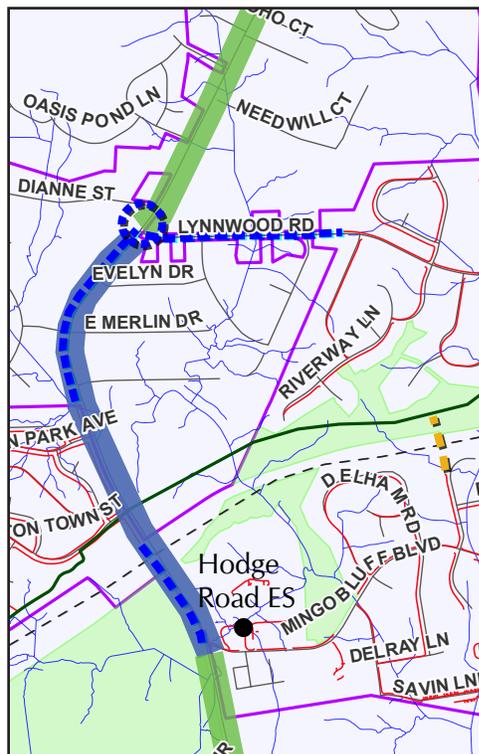


• **Hodge Road**

Hodge Road is another important north/south connector in Town. As development has occurred on the western side of Knightdale, this road has become more instrumental in the transportation connectivity in Town and provides an important link from residential neighborhoods to Knightdale Boulevard and to Interstate 264. Despite its importance as a connector road, currently few pedestrian improvements have been installed. As mentioned, sidewalk construction should be included from the elementary school to Lynwood Road to provide access to the school, the greenway trail and commercial shopping areas on Knightdale Boulevard. In addition, the entire corridor should be evaluated and upgraded to include pedestrian level lighting, additional sidewalks, and possible gateway enhancements when entering from the south.

Hodge Road Corridor Improvements (central)

	High	Medium	Low
Usage	X		
Connections	X		
Safety Issue		X	
Functional Issue	X		



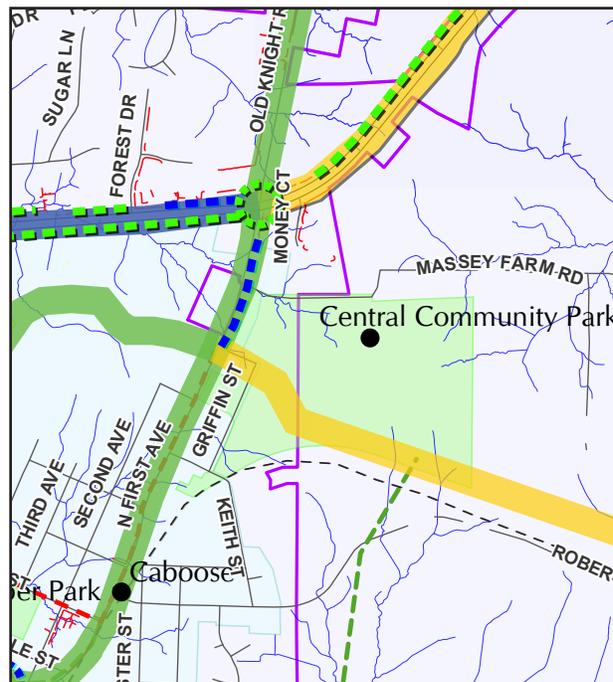


- **Sidewalk construction on North 1st Avenue in front of the new Community Park.**

Continuing sidewalk improvements along 1st Avenue from the proposed Mingo Creek Trail to Knightdale Boulevard will complete the sidewalk network and improve connectivity in this area. This will be particularly important when the new Town Community Park is completed. Provide a minimum 5' wide concrete sidewalk.

Sidewalk construction on 1st Avenue from greenway trail to Knightdale Boulevard

	High	Medium	Low
Usage		X	
Connections	X		
Safety Issue	X		
Functional Issue	X		



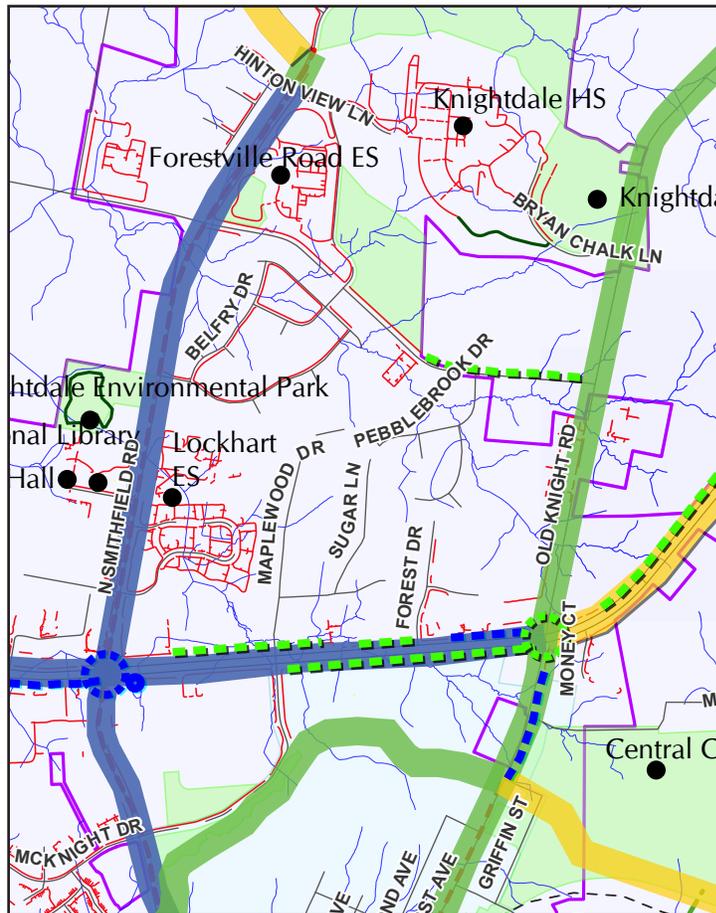


- **Sidewalk construction on Forestville Road.**

The existing sidewalk on Forestville Road ends at the Town limits. By continuing the sidewalk east on Forestville Road to Old Knight Road, greater connectivity will be provided for citizens who live in nearby neighborhoods, as well as students at Forestville Elementary School and Knightdale High School. Completing the sidewalk on this stretch of Forestville Road along with the other recommended sidewalk improvements will give citizens the ability to walk a complete loop between Old Knight Road, Knightdale Boulevard and Smithfield Road, creating greater opportunities for exercise and transportation. Provide a minimum 5' wide concrete sidewalk.

Sidewalk construction on Forestville Road to Old Knight Road

	High	Medium	Low
Usage		X	
Connections	X		
Safety Issue		X	
Functional Issue	X		





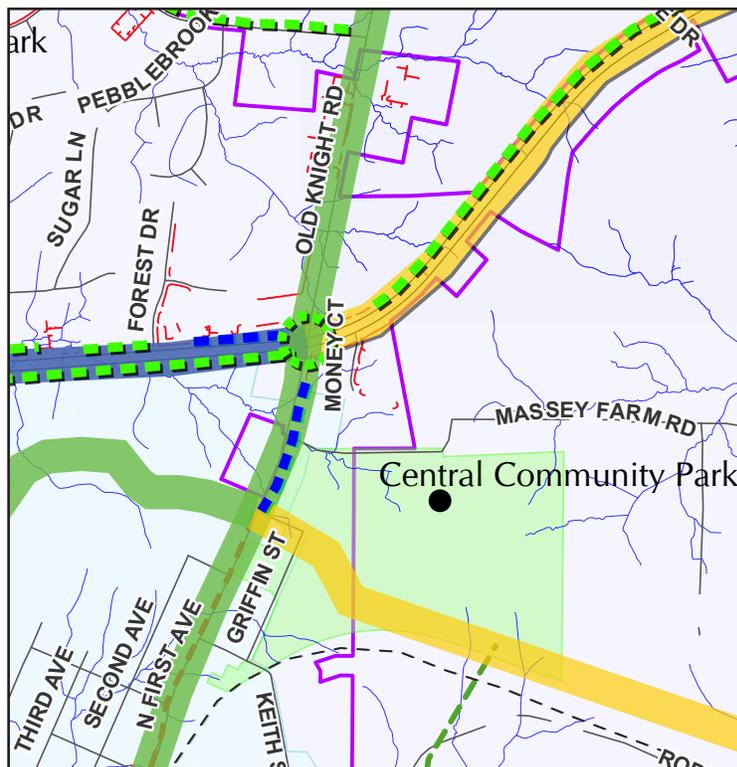
SHORT TERM PROJECTS- TIER 2

- Intersection Improvement at 1st Avenue and Knightdale Boulevard**

This intersection is the northern entrance to Old Town, as well as the major connection to the Town’s new Community Park. The intersection should provide an attractive, safe, and inviting welcome to Old Town for residents with marked crosswalks and pedestrian push button signals.

Intersection Improvement at 1st Avenue and Knightdale Boulevard

	High	Medium	Low
Usage		X	
Connections		X	
Safety Issue	X		
Functional Issue	X		



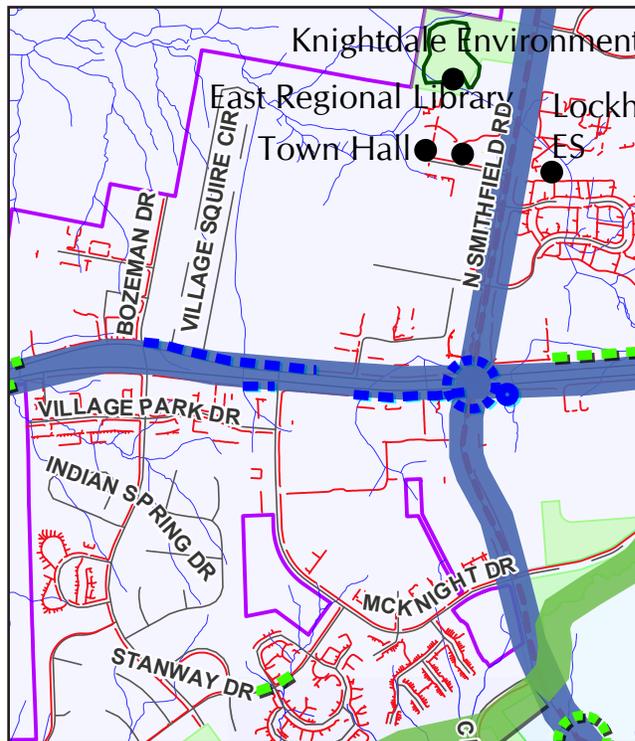


- **Sidewalk Construction on Lauren's Way**

Construct a 5' minimum concrete sidewalk along the north side of Lauren Way between West Cameo Lane and Stanway Drive. This missing segment will provide connectivity in a residential neighborhood.

Sidewalk Construction on Lauren's Way

	High	Medium	Low
Usage		X	
Connections	X		
Safety Issue			X
Functional Issue	X		





• **1st Avenue/Old Knight Road Corridor**
Knight Road Corridor
Improvements

A sidewalk is needed to connect the new improvements along 1st Avenue north across Business 64 to the Emerald Point Subdivision.

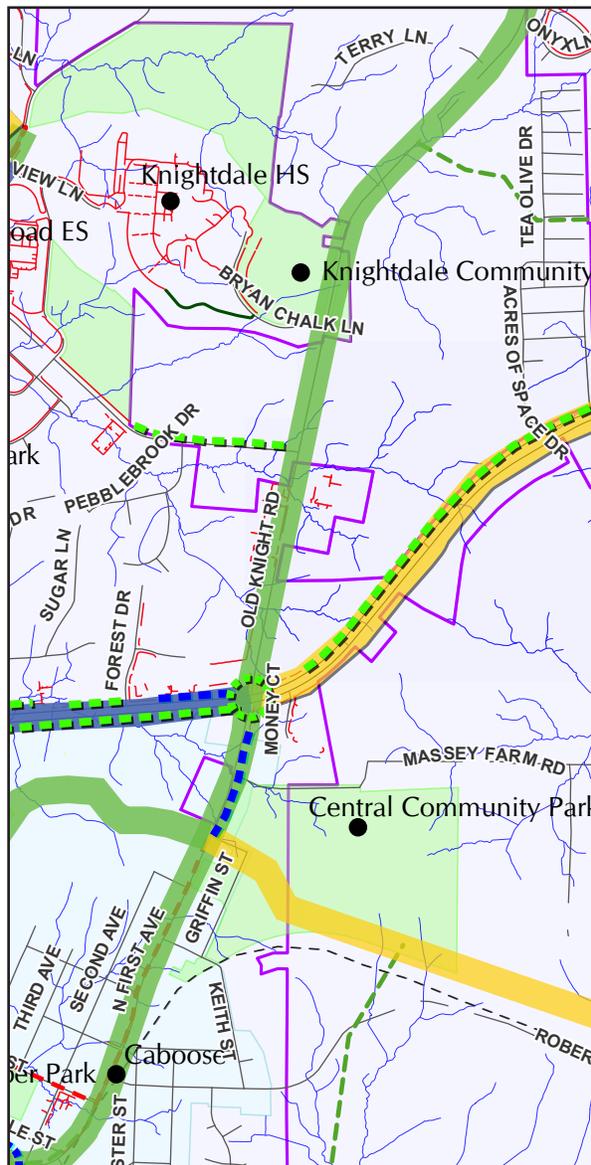
Citizens have stated that students walk from the neighborhood to the high school along Old Knight Road and need a safe route.

A sidewalk connection is also needed from the south side of the 1st Avenue road and sidewalk improvements to a safe intersection at Smithfield Road.

Correct areas of poor lighting by installing new pedestrian-level light fixtures.

1st Avenue/Old Knight Road Corridor

	High	Medium	Low
Usage		X	
Connections		X	
Safety Issue	X		
Functional Issue	X		





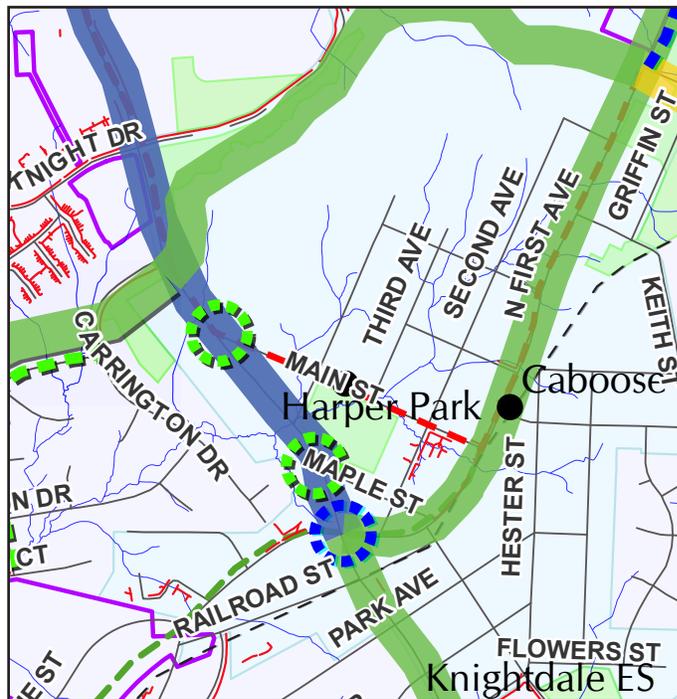
• **Intersection Improvement at Smithfield Road and Main Street**

Improvements along 1st Avenue will allow pedestrians to access Main Street more easily and this is an excellent cut-through for pedestrians trying to go from points north of Business 64 to Old Town. Providing intersection improvements at this intersection will encourage pedestrians to walk down Main Street to Harper Park, the Chamber of Commerce, and Old Town.

Discussions at the charrette suggested that if installing a sidewalk along the narrow portion of Smithfield Road near First Avenue proved too difficult, a reasonable alternative is to bring pedestrians down Main Street instead to provide the necessary connectivity for neighborhoods to the south of First Avenue.

Intersection Improvement at Smithfield Road and Main Street

	High	Medium	Low
Usage			X
Connections		X	
Safety Issue		X	
Functional Issue		X	



Sidewalk construction along the east side of Smithfield Road from Main Street to Knightdale Boulevard has received funding in the 2012/2013 fiscal year from a Community Development Block Grant (CDBG).



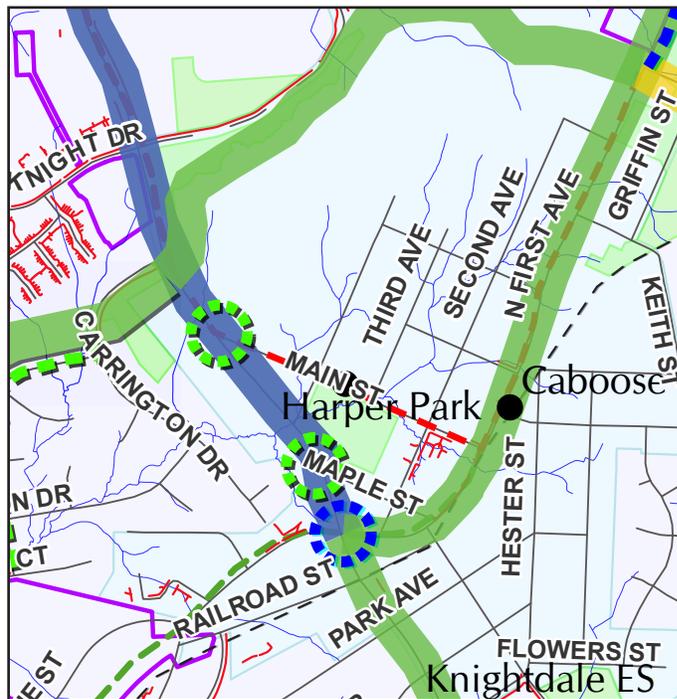
• **Intersection Improvement at Smithfield Road and Maple Street**

Pending design decisions on Smithfield Road, an alternative to extending the sidewalk on Smithfield Road to 1st Avenue is to extend it only to Maple Street. This will also require sidewalk improvements along Maple Street.

Discussions at the charrette suggested that if installing a sidewalk along the narrow portion of Smithfield Road near First Avenue proved too difficult, a reasonable alternative is to bring pedestrians down Maple Street to provide the necessary connectivity for neighborhoods to the south of First Avenue.

Intersection Improvement at Smithfield Road and Maple Street

	High	Medium	Low
Usage			X
Connections			X
Safety Issue		X	
Functional Issue		X	



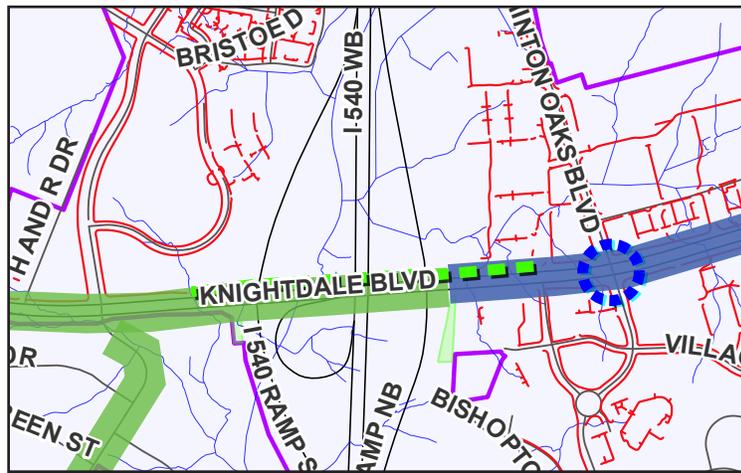


• **Roadway and Sidewalk Improvements at I-540 Interchange along Knightdale Boulevard**

As the Town of Knightdale has grown and the highway network through and around Town has developed, the western portion of Town has been cut off by a major highway: I-540. Although this highway is an attractive element for commuters and enables residents to access north Raleigh, Durham and RTP quickly, the highway acts as a major barrier to pedestrians trying to walk the short distance from the apartments west of I-540 to the commercial strips along Knightdale Boulevard. The width of Knightdale Boulevard as it crosses I-540 is substantial enough to allow for sidewalks and crosswalks that can easily improve connectivity. However, additional pedestrian treatments, such as refuge

Roadway and Sidewalk Improvements at I-540 interchange

	High	Medium	Low
Usage		X	
Connections		X	
Safety Issue	X		
Functional Issue		X	



islands, landscaping, and signalization, will be needed to create a safe and attractive environment for pedestrians through this busy intersection.

A minimum 5' wide concrete sidewalk should be constructed on the northern side of Knightdale Boulevard at the interchange with I-540. Discussions at the charrette with NCDOT officials

concluded that providing a safe pedestrian connection in this area may require realigning the road lanes, adjusting on and off ramp radii, adding signalization, and adding pedestrian refuge islands.



**Sidewalk construction on Knightdale Boulevard
(longer segments or less travelled)**

- **Sidewalk Construction on Knightdale Boulevard**

Construct a 5' minimum concrete sidewalk along portions of Knightdale Boulevard to complete the gaps in the existing sidewalk system that are smaller gaps or important connections. See the Proposed System Map in the Appendix for locations. Where possible, incorporate a minimum 3-foot wide planting strip between the edge of the roadway and the edge of the sidewalk.

	High	Medium	Low
Usage		X	
Connections		X	
Safety Issue	X		
Functional Issue	X		

