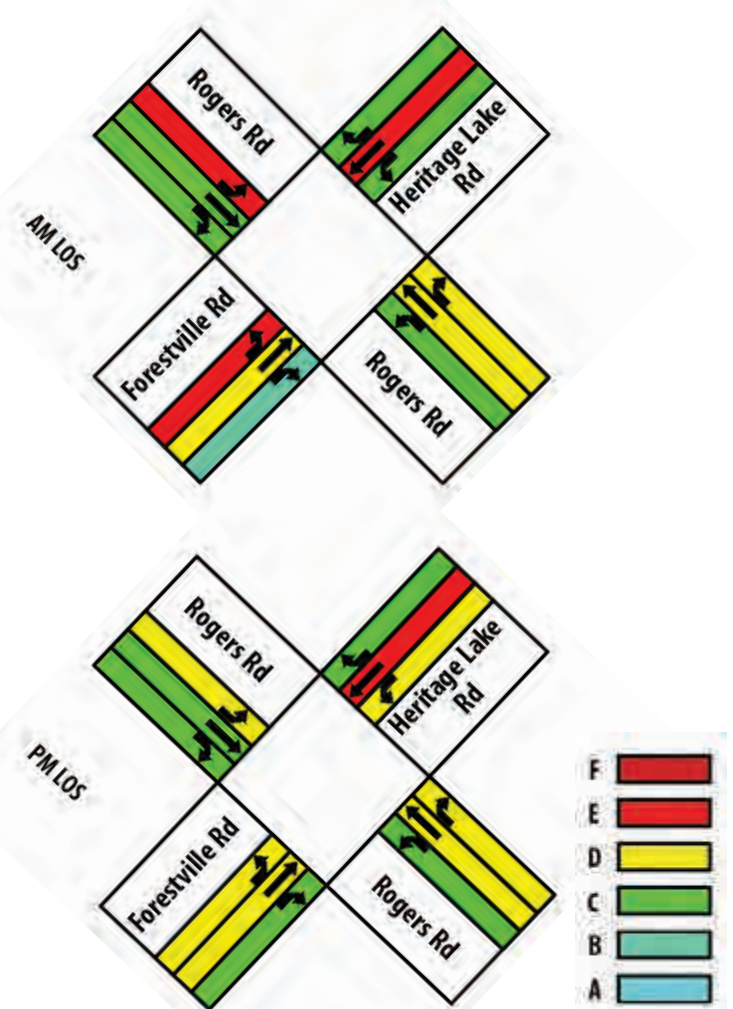




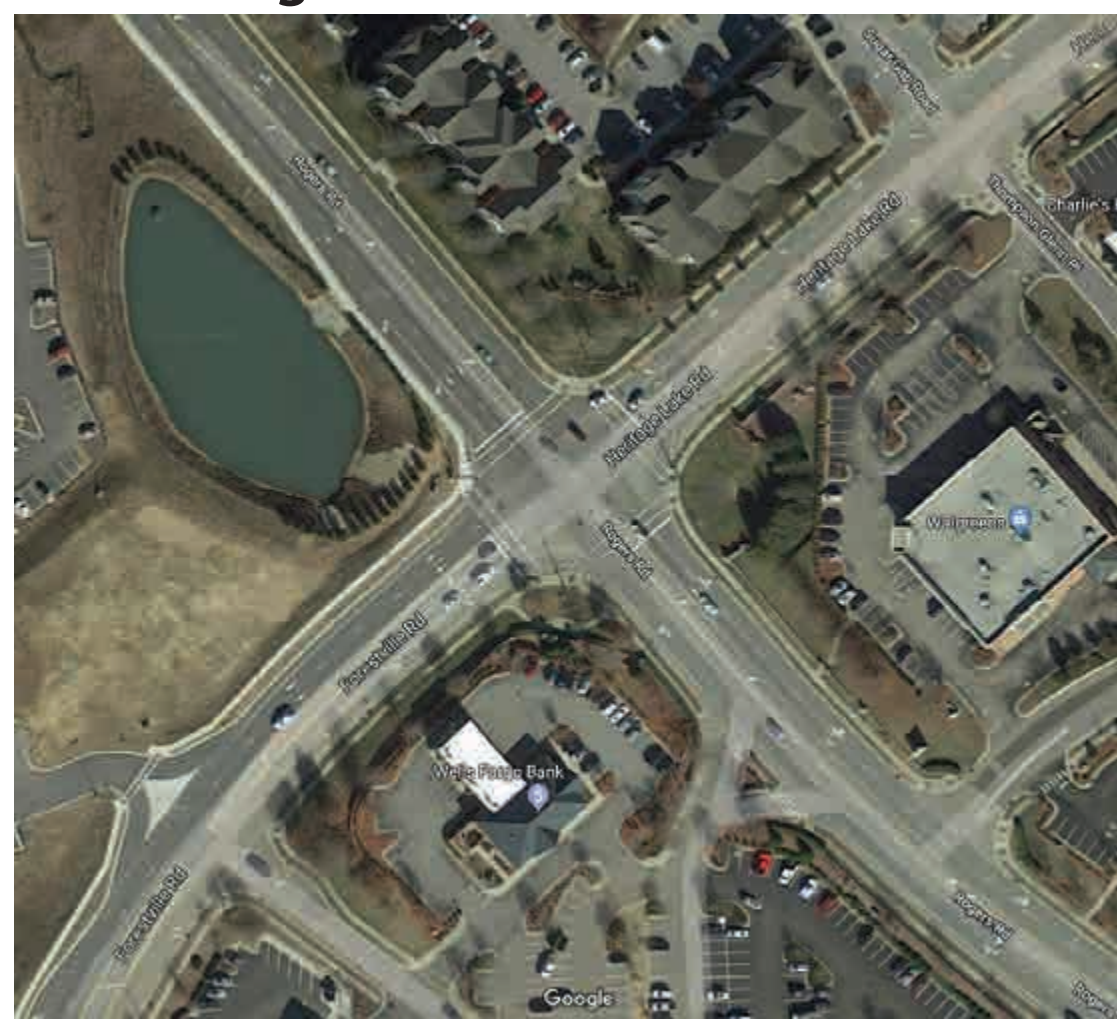
Hotspot Intersections | Existing Conditions and Recommendations

Forestville Rd & Heritage Lake Rd at Rogers Rd

Existing Level of Service



Existing Conditions



Recommended Improvements



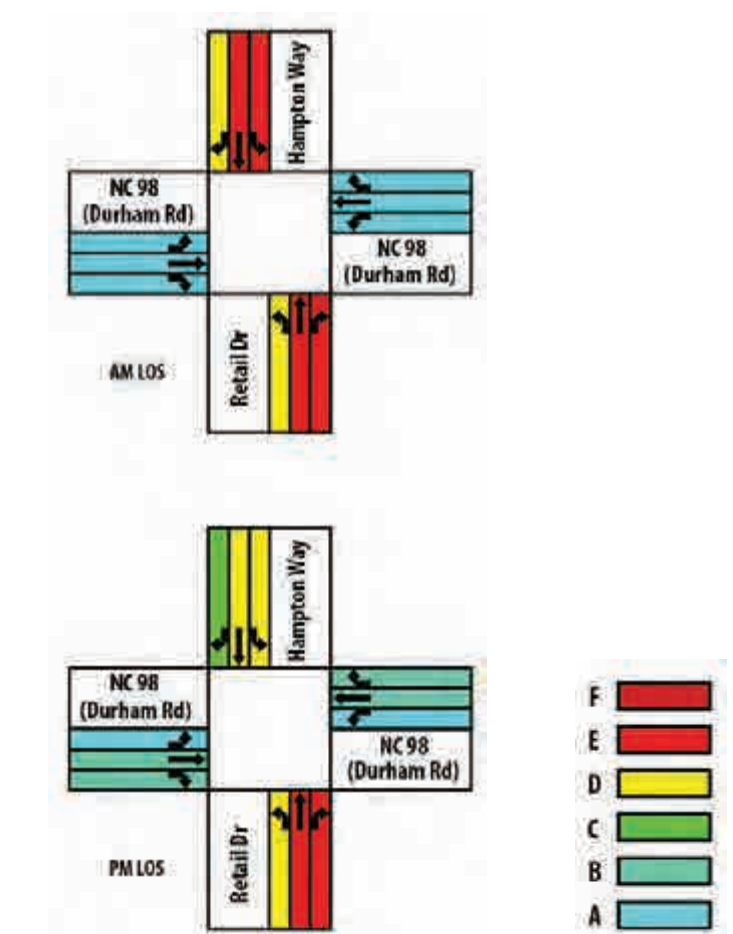
Recommendations

2045 Long Term Improvements

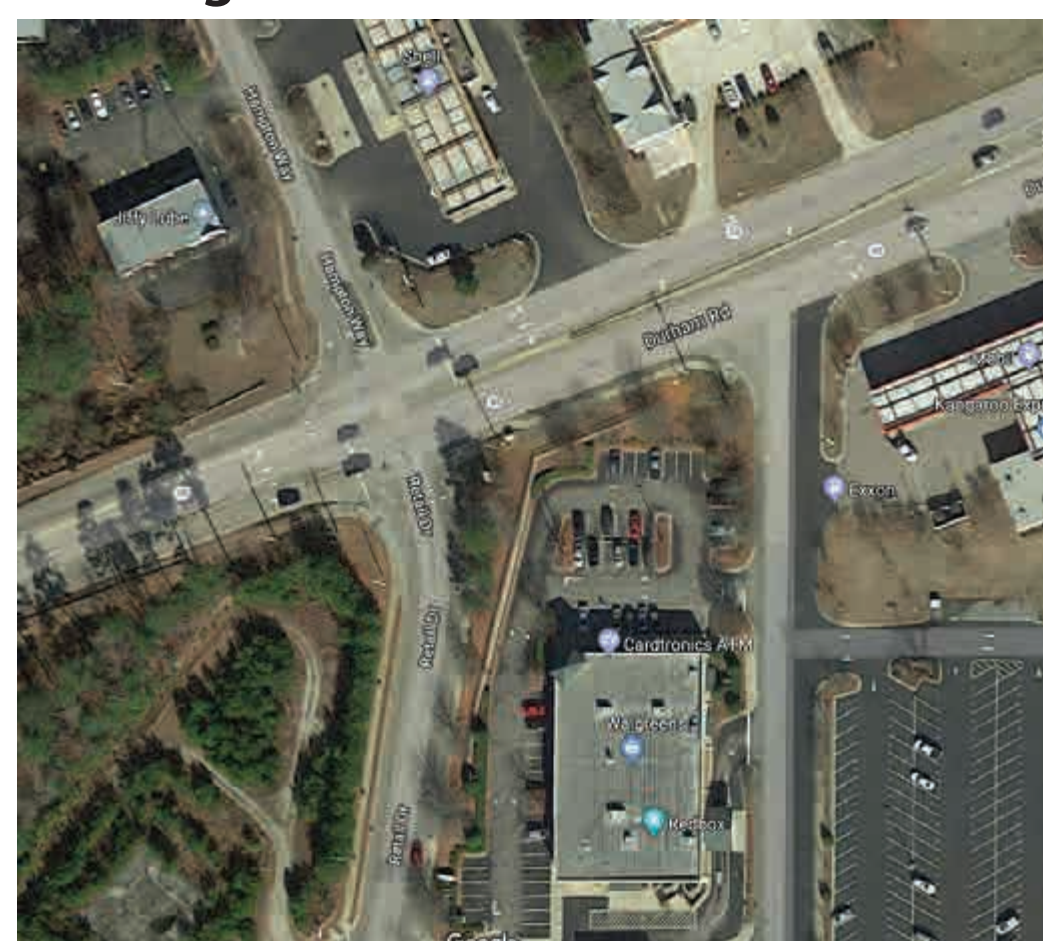
- Widen the eastbound Rogers Road approach with an additional exclusive left-turn lane. Provide the left-turn lane with at least 325 feet of storage and an appropriate taper.
- Widen the southbound Heritage Lake Road approach to provide an additional through lane.
- Widen the northbound Forestville Road approach with an exclusive left-turn lane and an additional through lane. Provide the left-lane turn lane with at least 425 feet of storage and an appropriate taper.

Retail Dr & Hampton Way at Durham Rd

Existing Level of Service



Existing Conditions



Recommended Improvements



Recommendations

2019 Short Term Improvements

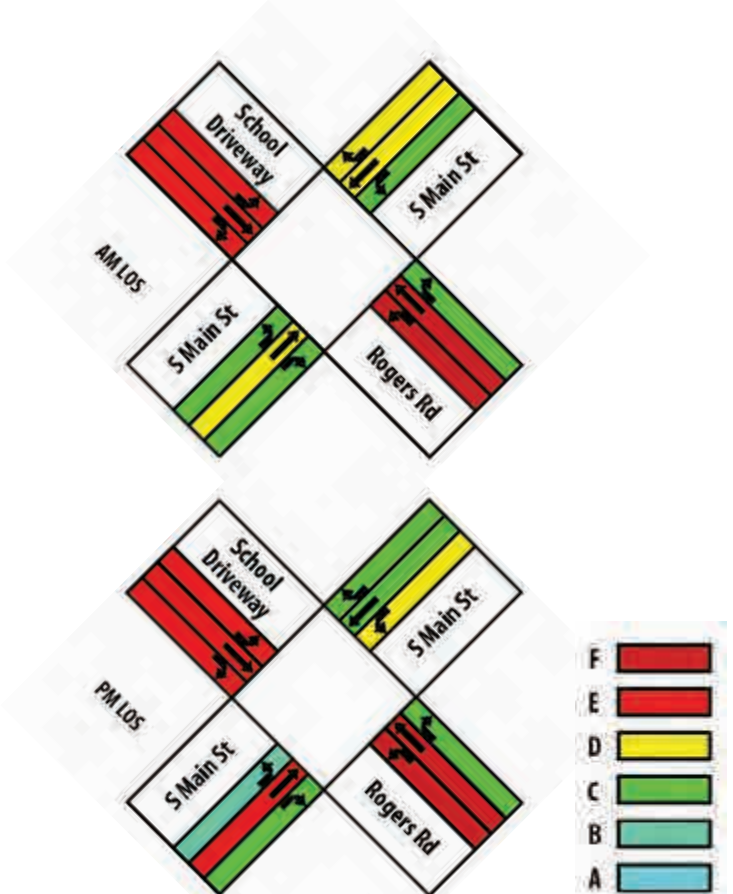
- Widen the northbound Retail Dr with an exclusive right-turn lane. Provide the right-turn lane with at least 100 feet of storage and appropriate taper.

2045 Long Term Improvements

- Widen the northbound Retail Dr with an exclusive right-turn lane. Provide the right-turn lane with at least 100 feet of storage and appropriate taper.
- Widen the southbound Hampton Way approach with an exclusive left-turn lane. Provide the left-turn lane with at least 100 feet of storage and appropriate taper.

S Main St at Rogers Rd

Existing Level of Service



Existing Conditions



Recommended Improvements



Recommendations

2019 Short Term Improvements

- Widen the eastbound Wake Forest-Rolesville Middle School Driveway approach with an exclusive left-turn. Provide the left-turn lane with at least 200 feet of storage and an appropriate taper.
- Widen the northbound S Main Street approach with an additional through lane and make right turn lane free flowing. Provide the right-turn lane with at least 150 feet of storage and an appropriate taper.
- Widen the westbound Rogers Road with an additional exclusive left-turn lane, making the shared left-through lane, an exclusive through lane. Provide the left-turn lanes with at least 450 feet of storage and an appropriate taper.

2045 Long Term Improvements

- Widen the southbound S Main Street approach with an additional left-turn lane, additional through lane and an exclusive right turn lane. This results in five total lanes: two exclusive left, two through, and one exclusive right. Provide the left-turn lane with at least 100 feet of storage and an appropriate taper. Provide the right-turn lane with at least 175 feet of storage and an appropriate taper.