



Presentation to Wake-Up Fuquay-Varina Breakfast

August 23, 2019

AGENDA

Recommendations:
High Level Summary



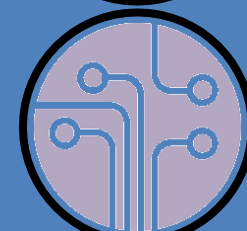
Next Steps:
Presentations



UPDATE

SWAS

1st Southwest Area Study -
endorsed 2012



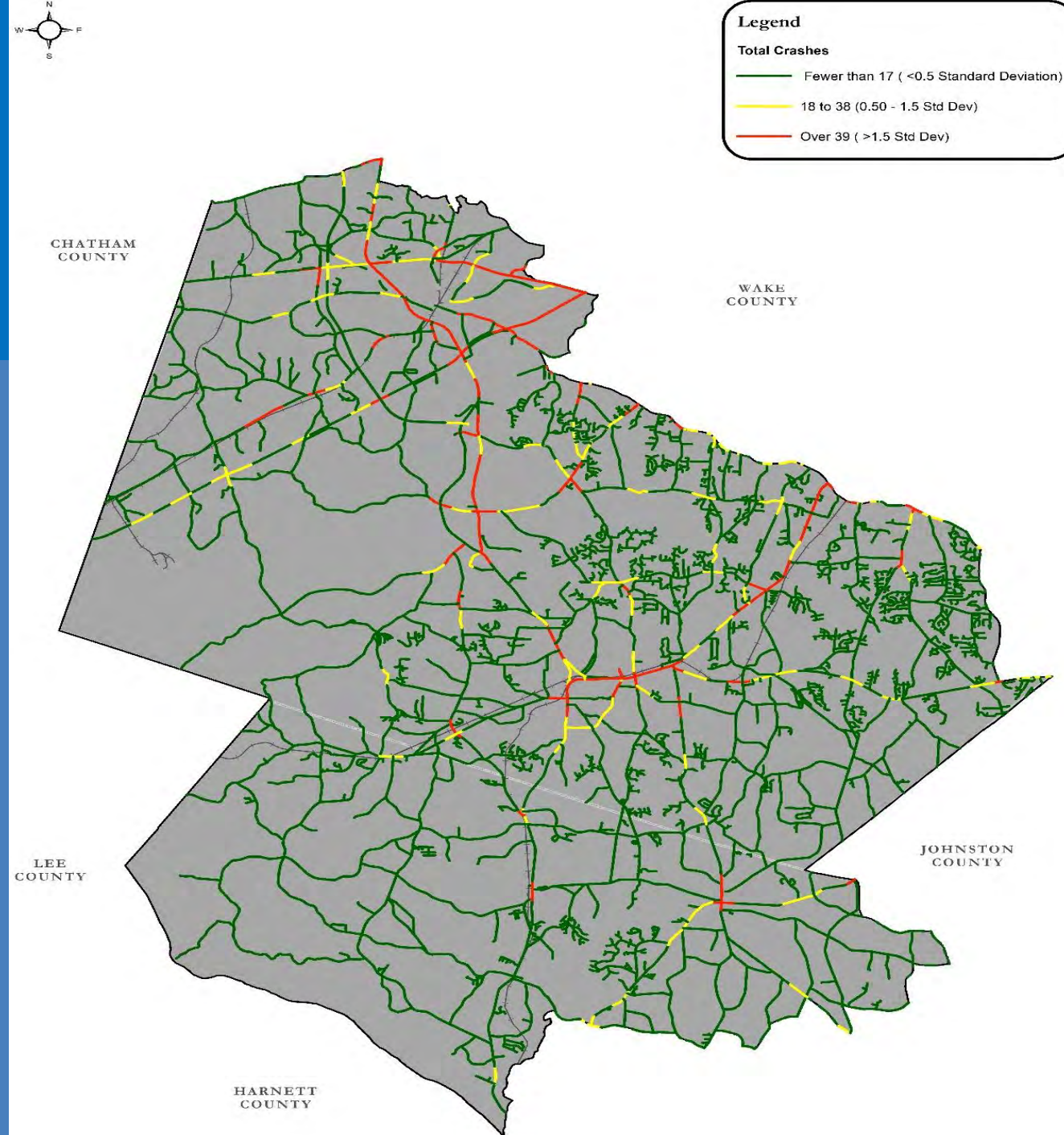
ROADS

RECOMMENDATIONS

SAFETY

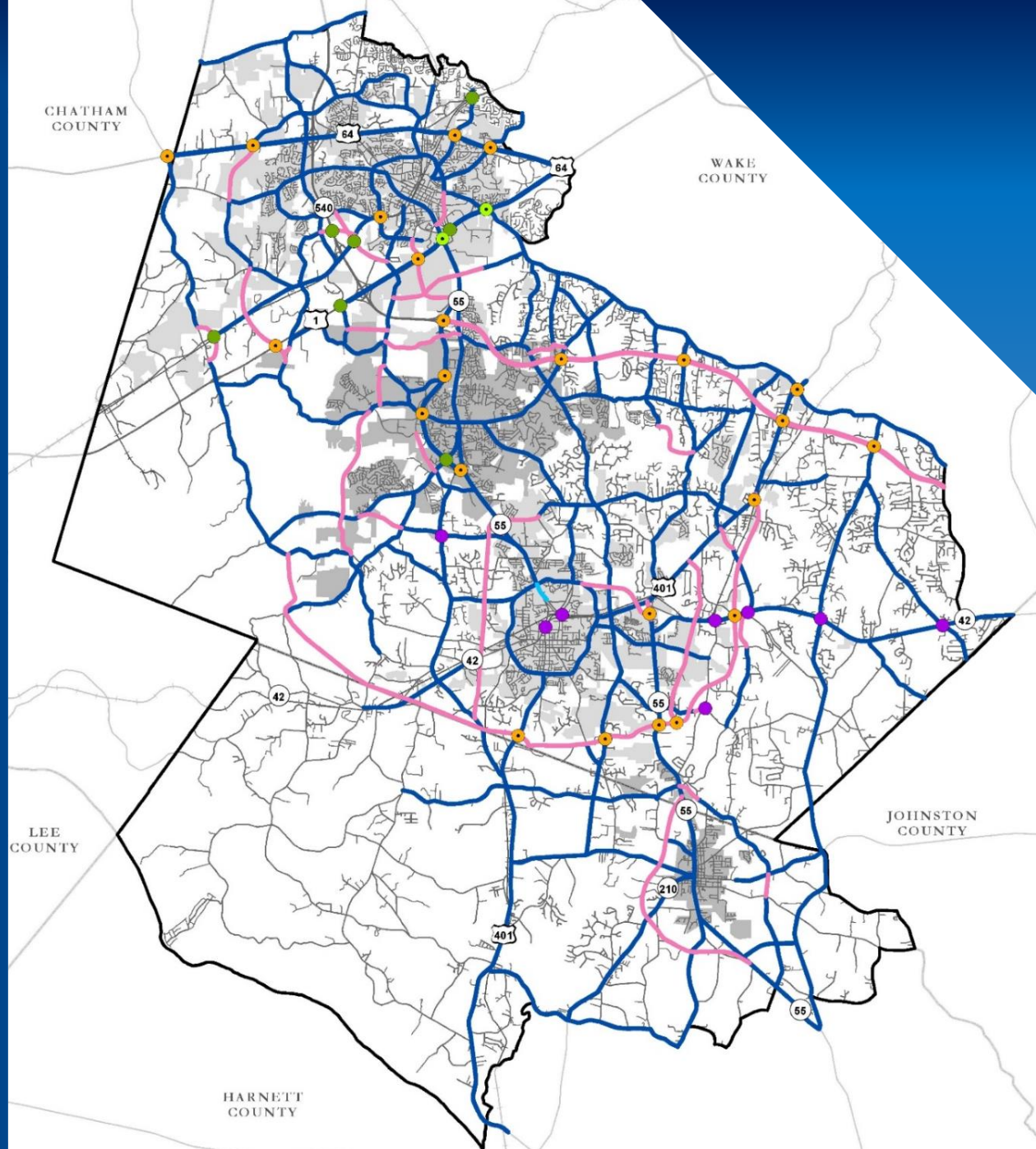
Source: NCDOT

2014-2018 Reported
Vehicle Crash History



ROADS

Type of Improvement



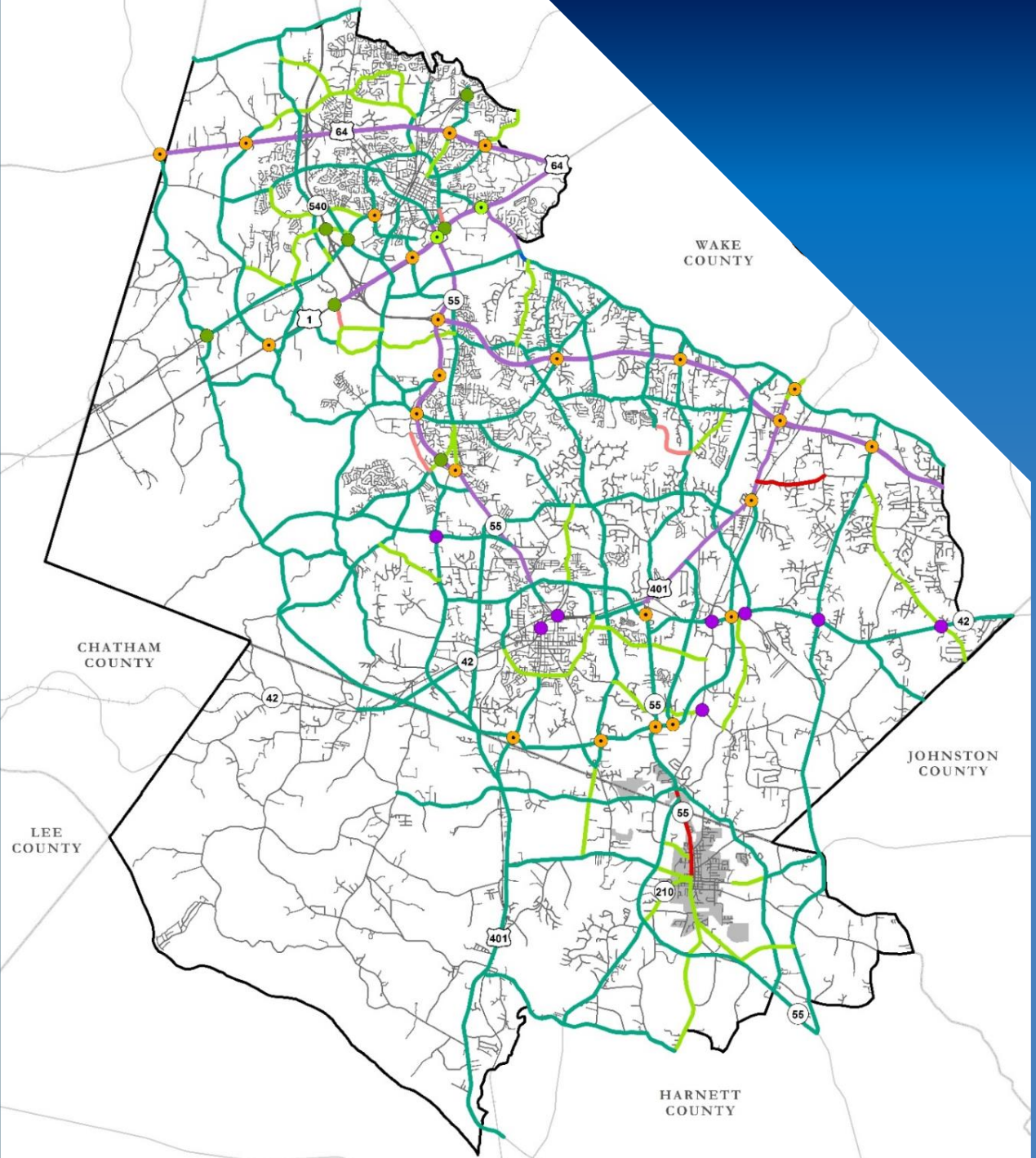
Legend

Roadway Improvements

- Modernization
- New Location
- Widening
- Interchange Improvements
- Intersection Improvement
- New Grade Separation
- New Interchange

ROADS

Laneage

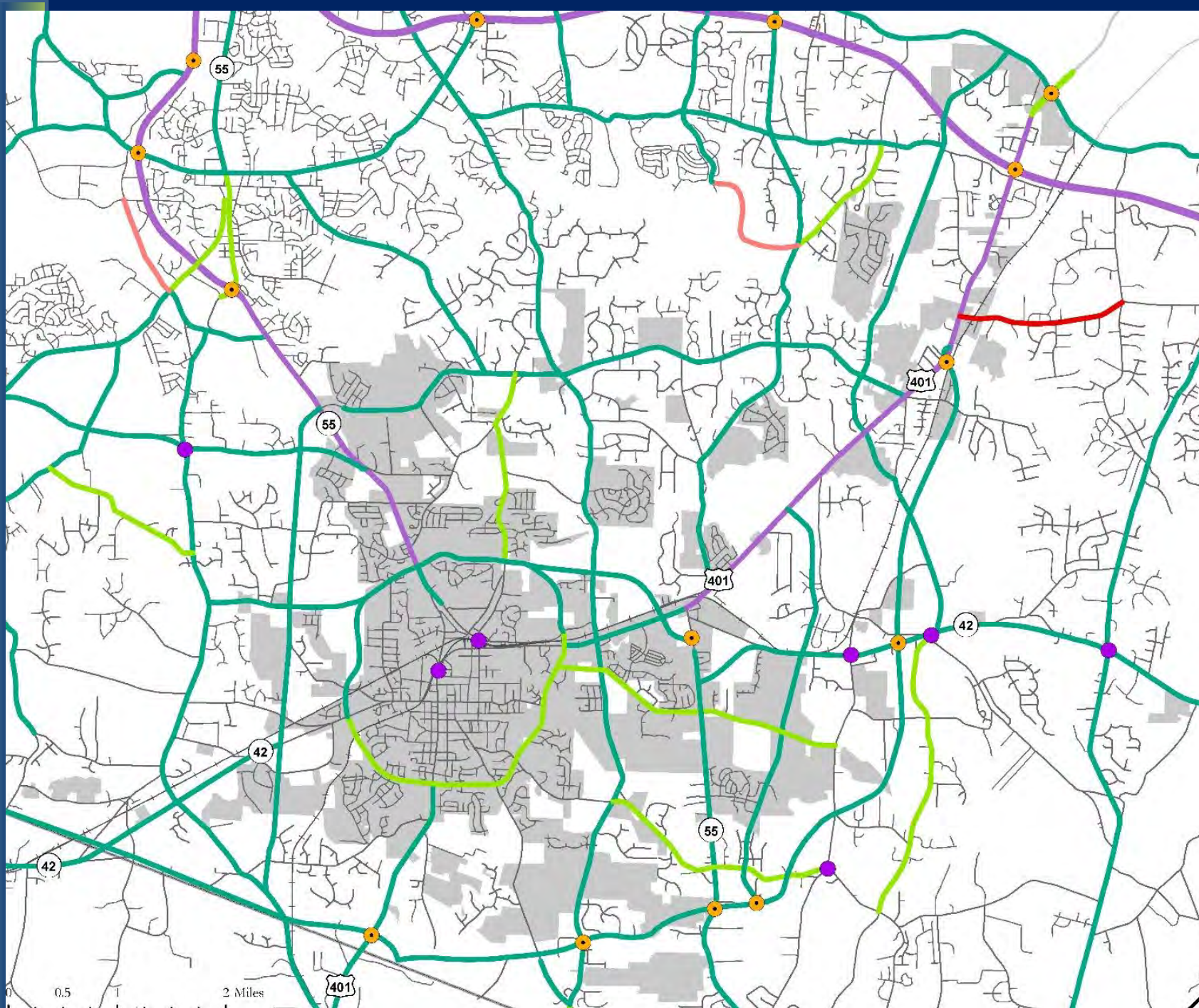


Legend

Roadway Improvements - Laneage

- 2-lane Undivided
- 3-lane
- 4-lane Divided
- 5-lane
- 6-lane Divided
- Interchange Improvements
- Intersection Improvement
- New Grade Separation
- New Interchange

ROADS Lanes



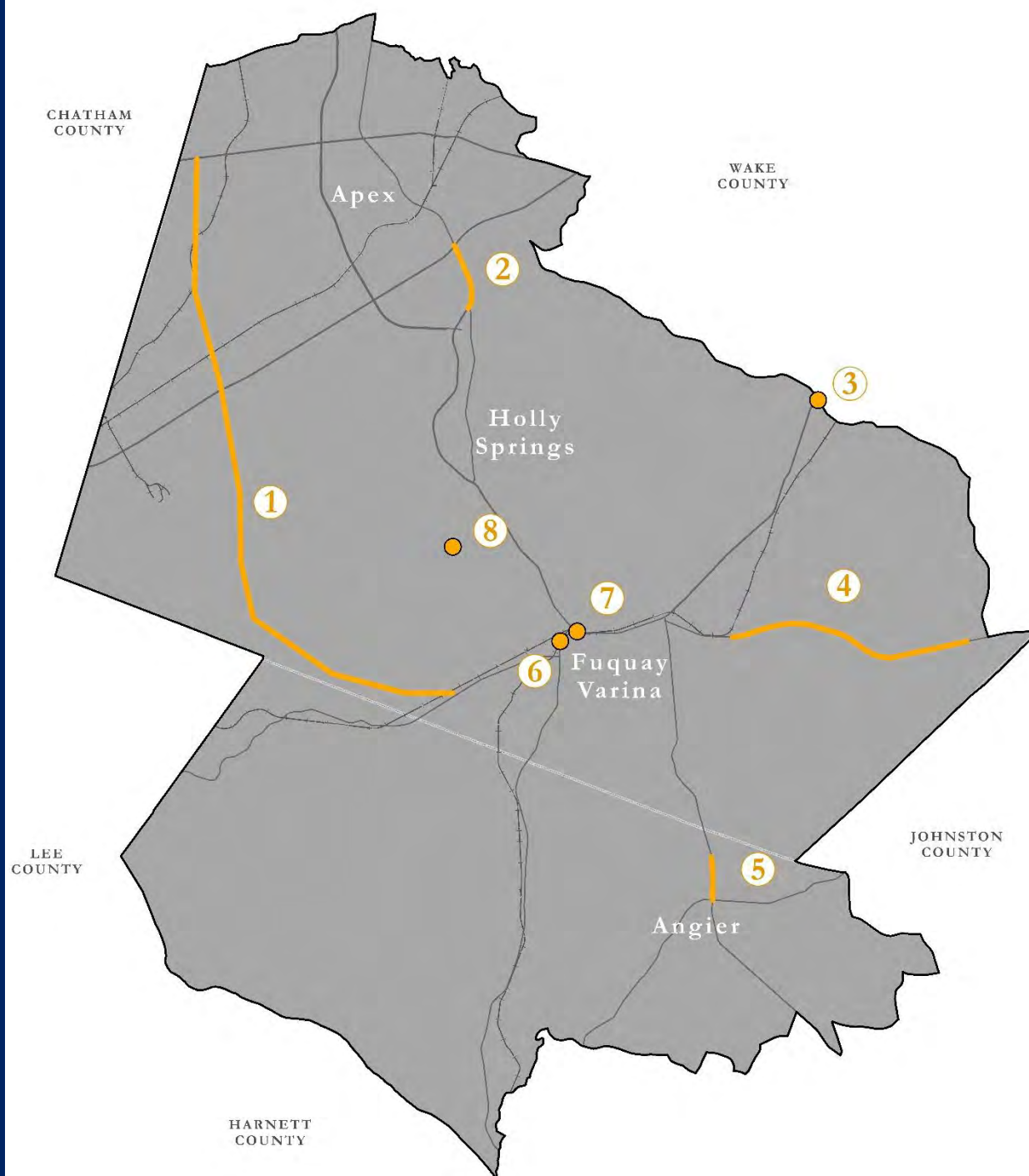
Legend

Roadway Improvements - Laneage

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HOT SPOTS

RECOMMENDATIONS



HOT SPOTS

1. Future NC 751
2. NC 55 – Apex
3. US 401 at Ten-Ten Road
4. NC 42
5. NC 55 – Angier
6. NC 42/Main Street at Wake Chapel Road
7. Broad Street at Ennis Street
8. Piney Grove Wilbon Road at Wade Nash Road



HOT SPOT #4

FUQUAY-VARINA

HILLTOP ROAD AT NC 42 & AT WALTER MYATT ROAD

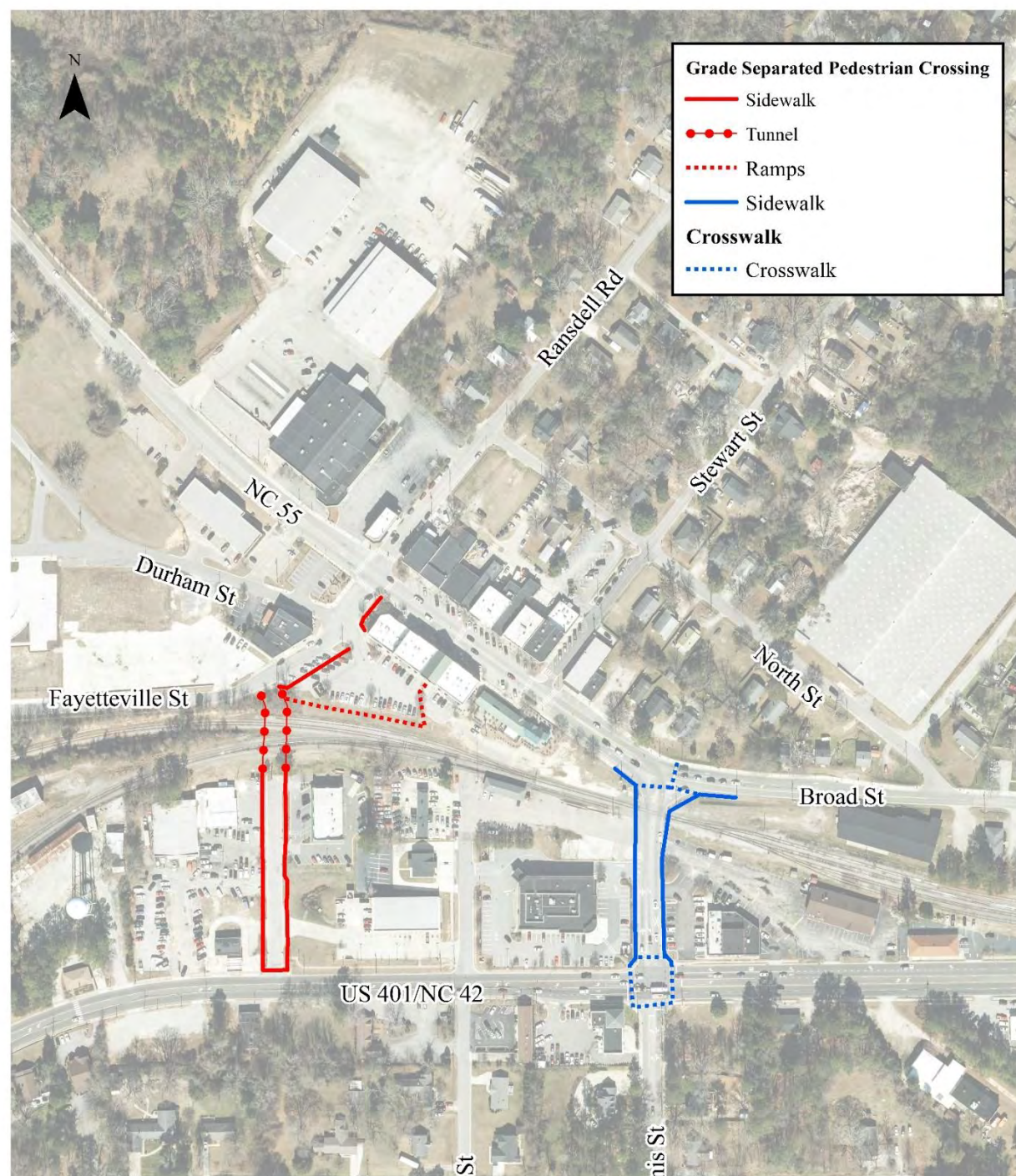
Recommendations

- Eliminate intersection of Panther Lake Rd / Dwight Rowland Rd / NC 42
- Extend Hilltop Rd to Walter Myatt Rd
- Install traffic signals on NC 42 at Hilltop Rd and at Dwight Rowland Rd

HOT SPOT #7

FUQUAY-VARINA

N. ENNIS STREET
AT N. MAIN ST.
AND AT BROAD ST.



Recommendations

- Install dynamic message signs
- Install ped crossing at NS RR
- Build ped tunnel at Johnson St.



HOT SPOT #6

FUQUAY-VARINA

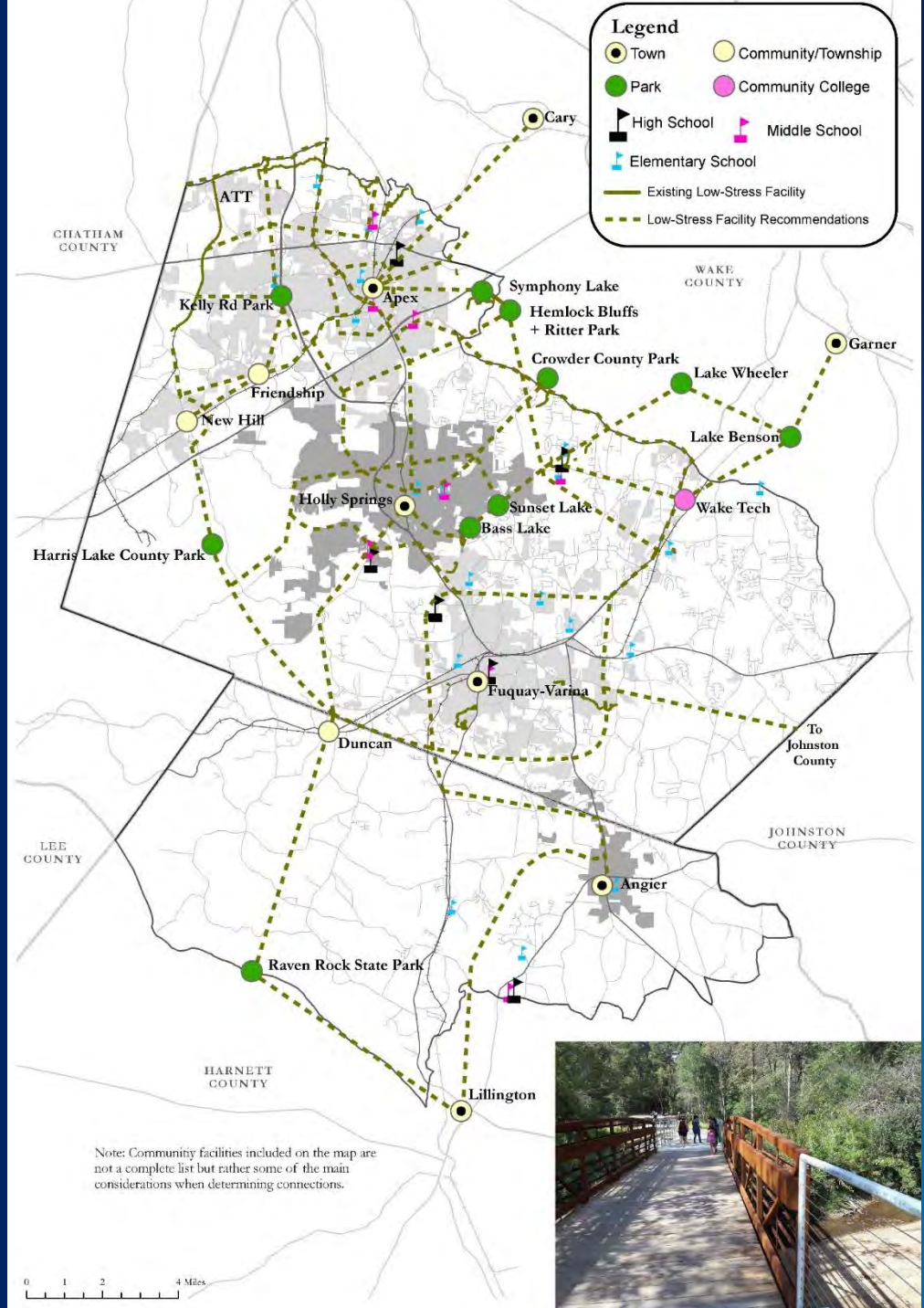
WAKE CHAPEL RD.
AT RAILROAD ST AND AT
N. MAIN ST.

Recommendations

- Build raised curb island to restrict Railroad Street to right-turn in and right-turn out movements only

ACTIVE MODES

RECOMMENDATIONS



Active Modes

LOW STRESS NETWORK

Safe routes to school: What's Needed:

- ✓ School Zone Signs
- ✓ Sidewalks & Connections
- ✓ High Viz Crossings
- ✓ Walk/Bike Events
- ✓ Discussions about Best Practices with school principals

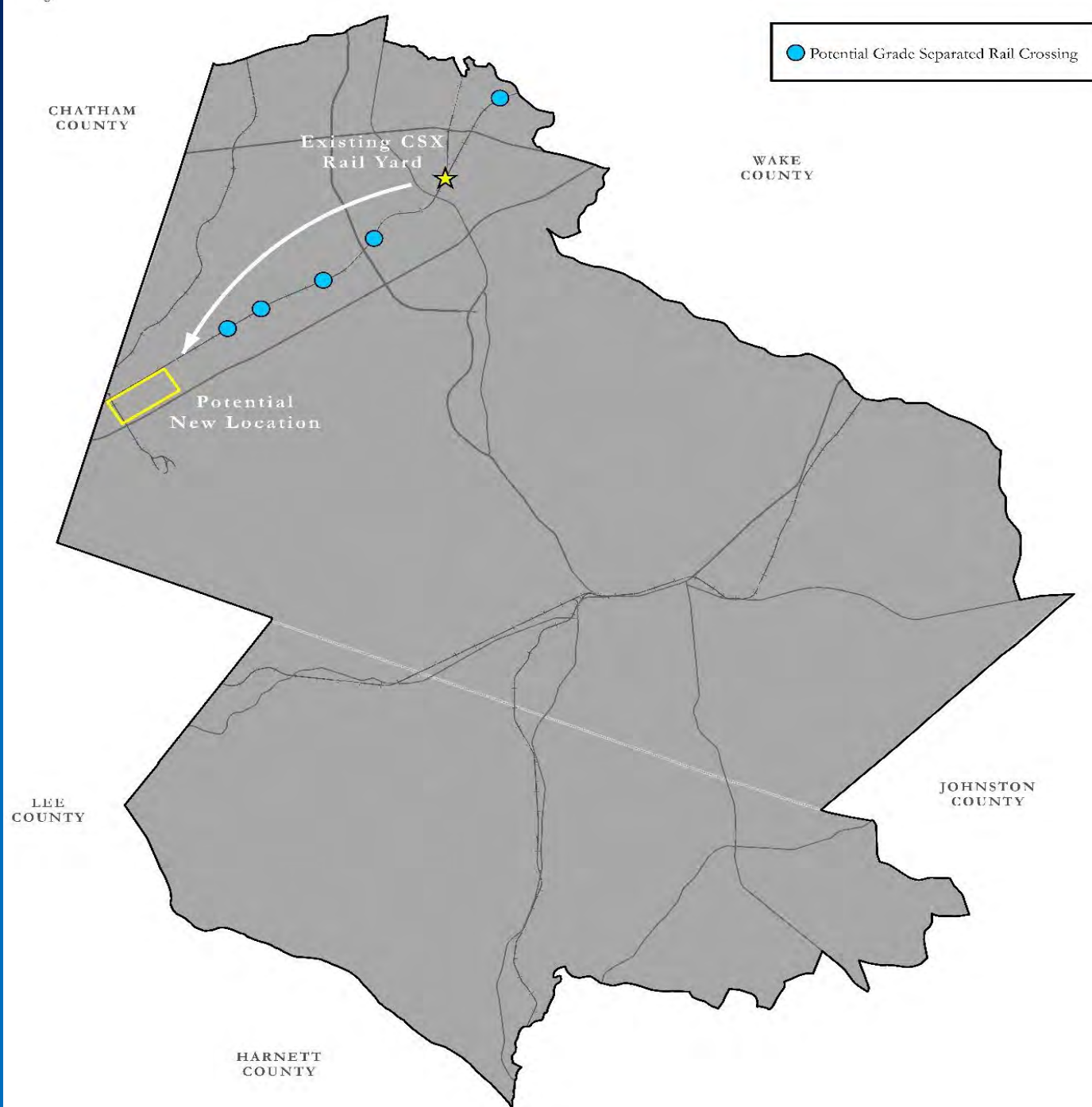


STRATEGIC CONNECTIONS ACROSS CSX

RECOMMENDATIONS

CSX-Apex Yard







Potential Relocation

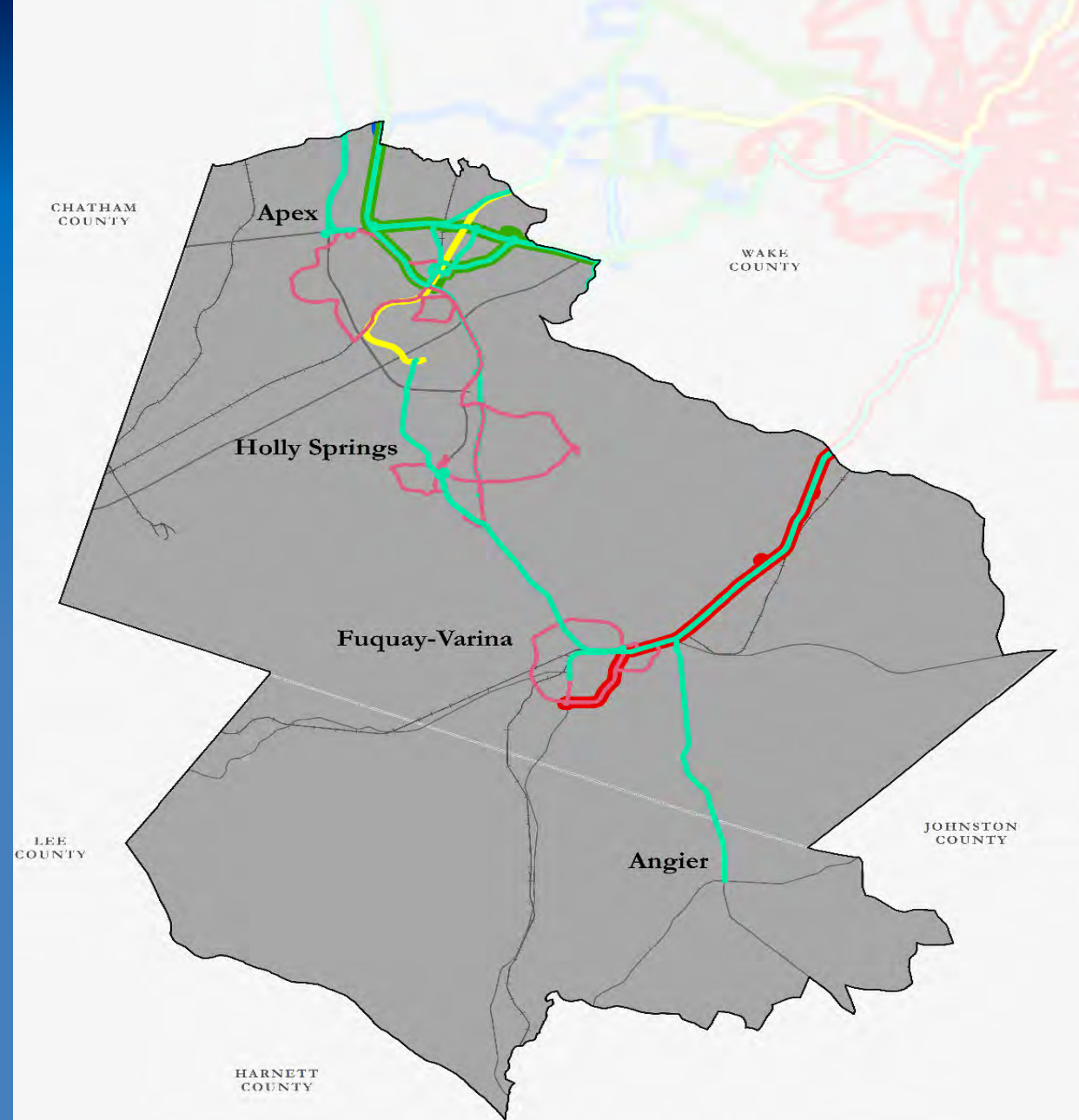


TRANSIT

RECOMMENDATIONS

Transit Service

-  GoRaleigh - Existing
-  GoTriangle - Existing
-  GoCary - Existing
-  Bus – Proposed
-  Circulator
-  Commuter Rail - Planned



NEXT STEPS

Local Boards / Council presentations – July/August

- Harnett County BoC– July 15
- Holly Springs Town Council – July 16
- Apex Town Council – July 16
- Fuquay-Varina BoC – August 5
- Angier BoC – August 6
- Wake County BoC – August 7
- Fuquay-Varina Planning Board – August 19
- **CAMPO Executive Board – August 21 - ENDORSED**



Southwest Area Study

www.swastudy.com