



# Comprehensive Update on Indian Trail Infrastructure Plan

September 8, 2015



# Transportation Background & History

- Town incorporated in 1907
- Only known Town initiated transportation projects from 1907 to 2007:
  - 1) Couple small resurfacing projects
  - 2) Faith Church Rd Extension (State & Local Funding)

# Transportation Background & History

- Town incorporated in 1907.
- Since 1990, population grew from 1,500 to approx 38,000.
- In 2007, Town had under 7 miles of Town maintained streets.

# Transportation Background & History

- In 2010, the Town had no Public Works Department.
- Started and completed first large local street construction/maintenance contract.
- In 2011, started Public Works Department.

# Transportation Background & History

- In 2010, the Town did very little street maintenance.
- In 2010, the Town did very little sidewalk maintenance.
- In 2010, no equipment to repair streets.

# Transportation

## Background & History

- In 2011, Council started Pathways 2 Progress (P2P) initiative for traffic congestion.
- P2P is a 3/4 lane loop that surrounds the Town.
- In 2011, Town completed first widening partnership project to widen IT-Fairview Rd for future Bypass construction.

# Transportation Background & History

- In 2011, Town passed first Transportation Bond package.
- In 2012, Town completed partnership project with NCDOT to widen Sun Valley intersection.
- In 2012, Town secures widening of Old Monroe Rd project for 2018 construction start.

# Transportation Background & History

- In 2013, Town begins construction on first segment of Chestnut Parkway.
- In 2013, Town completes widening of Indian Trail-Matthews Rd.
- In 2013, constructs first new public street in Chestnut Park/Downtown area.

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# Transportation Background & History

- In 2013/14, Town completed construction on approximately 2.5 miles of sidewalk.
- In 2015, Town maintains just under 60 miles of streets.
- In 2015, Town Council approves 3-Year Strategic Transportation Plan.

# FY 15/16 Town Transportation Plan

Chestnut Parkway Ph II (Gribble Rd-OMR) Design/Permit/ROW  
Chestnut Parkway Ph III (Gribble Rd-MIT Rd) Planning (NCDOT)  
Sardis Church Rd/UIT Rd (Intersection) Design/Apply for Grant  
IT Rd/Gribble Rd (Intersection) Design/ROW  
IT Rd/MIT Rd (Intersection) Design/ROW  
IT Rd Streetscape (Gribble Rd-MIT Rd) Design/Consultant/Public  
Process  
Sardis Church Rd Sidewalk (UIT Rd-Brittany Downs) Construction  
Rogers Rd Sidewalk (WCS Rd-Villas of Sun Valley) Construction  
Annual Street Maintenance (Town wide) Maintenance/Constn  
Annual Sidewalk Maintenance(Town wide) Maintenance/constn

# FY 15/16 DOT Transportation Plan

US-74 Intersection Improvements - Design/Construction

US-74 Intersection Improvements – Streetscape Design

Indian Trail Rd Bridge Replacement/Road Widening Construction

Poplin Road Roundabout

# FY 16/17 Town Transportation Plan

Chestnut Parkway Ph II (Gribble Rd-OMR) Construction  
Chestnut Parkway Ph III (Gribble Rd-MIT Rd) Planning (NCDOT)  
Sardis Church Rd/UIT Rd (Intersection) Construction/Grant  
IT Rd/Gribble Rd (Intersection) Construction  
IT Rd/MIT Rd (Intersection) Construction  
IT Rd Streetscape (Gribble Rd-MIT Rd) Construction  
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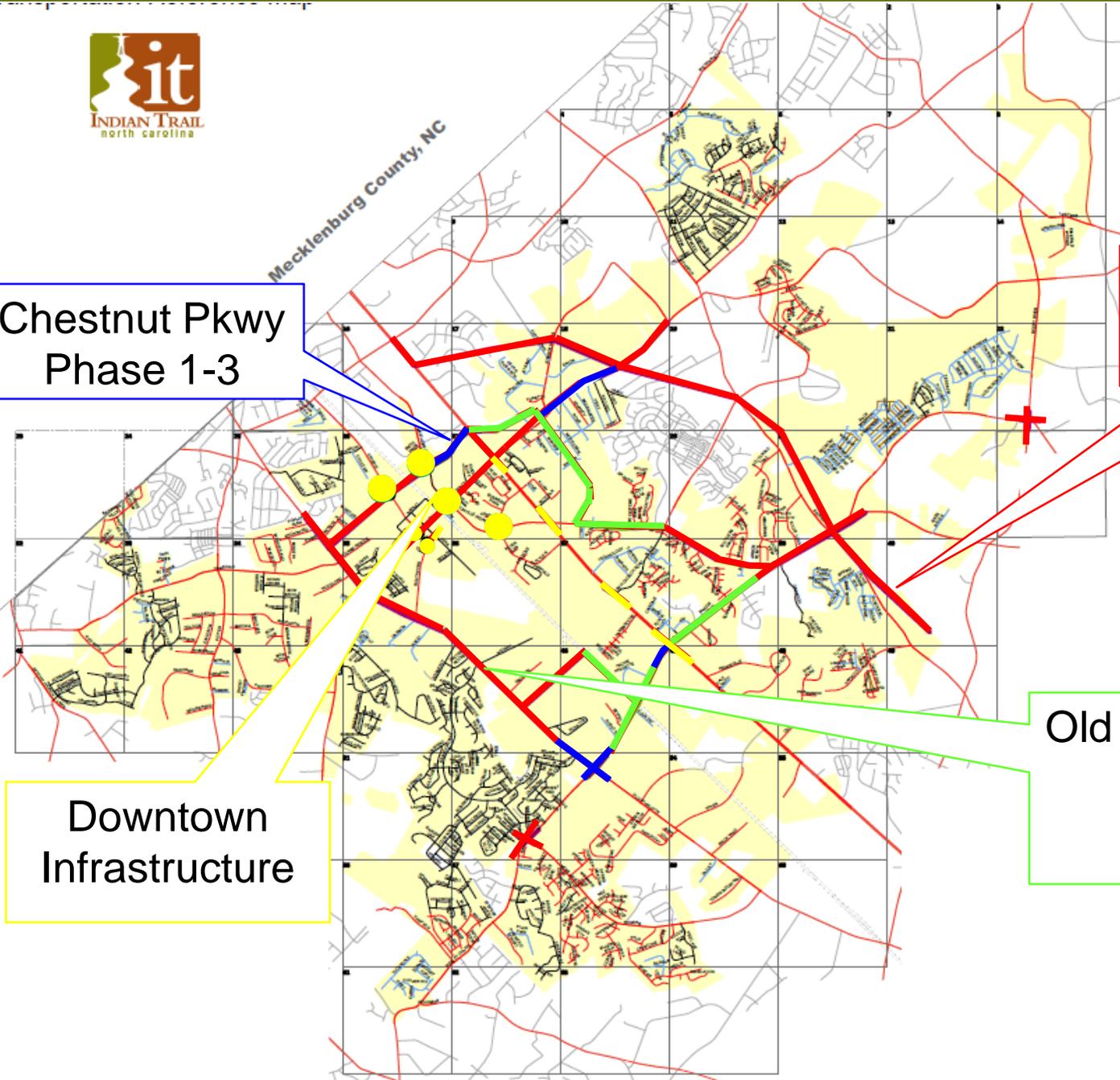
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Chestnut Pkwy  
Phase 1-3

Monroe  
Expressway

Old Monroe Rd

Downtown  
Infrastructure



# Town Infrastructure Implementation

- These are projections that have not been approved by the Council.
- However, it sets up guidelines for future infrastructure development strategies.
- At the end of the presentation staff will ask Council to discuss option 1,2,3,4.

# 5 yr- P2P Loop Implementation

1) Complete and begin construction on sections 2 and 3 of Chestnut Parkway.

- Town begin design and permitting in 2015 of section B.
- Town begin construction on section B in 2016.
- NCDOT funding 2020 for section C.
- Discussing options with NCDOT to move forward project.

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# 5 yr- P2P Loop Implementation

2) Begin construction on Old Monroe Road by 2020.

- Currently, Old Monroe Rd project scheduled for 2024.
- CRTTPO Rep has discussed option with NCDOT high level officials to advance this project and will either move forward entire project **or** allow Town begin construction and then reimburse the Town before 2020.
- Town officials have continuously focused on this project.

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# 5 yr- P2P Loop Implementation

3) Completion of Monroe Expressway and access roads and two Indian Trail interchanges before 2020.

- Could relieve much of north side of Indian Trail traffic issues.
- Substantial economic benefit to Indian Trail.

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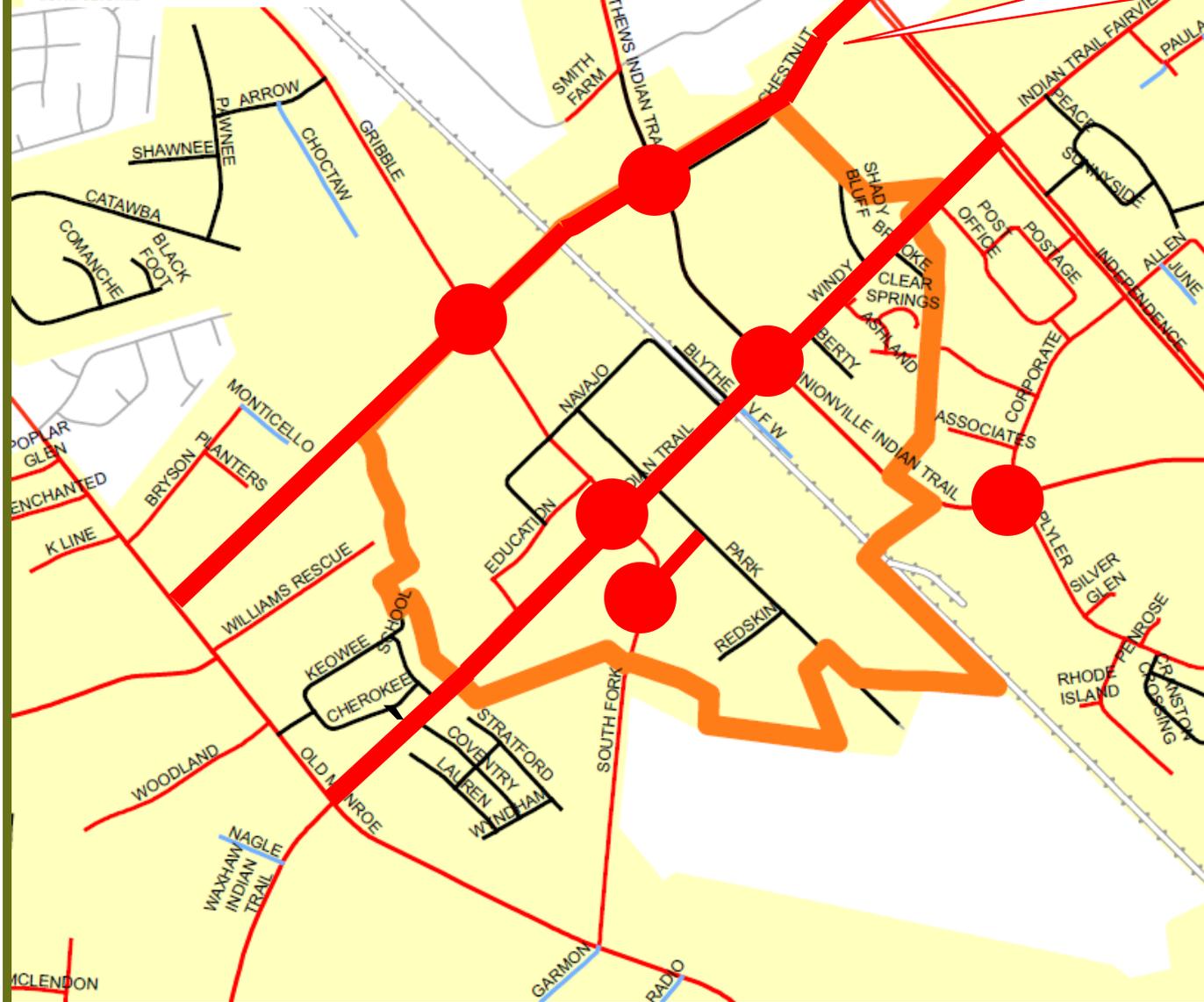
# 5 yr- P2P Loop Implementation

4) Widening Indian Trail Road to 3 lanes from Old Monroe Rd to US-74 before 2020.

- Widening 3 lanes completed from OMR to IT Elementary (part of state bridge project)
- Widening 3 lanes from Elementary to US-74.  
Combination of private, state, local, grants, and special districts before 2020.
- Streetscape Gribble Rd to MIT Rd.
- Union County infrastructure
- Connection to South Fork Road
- Future Intersection at Gribble & MIT

# Town of Indian Trail

Downtown Reference Map



Label Here



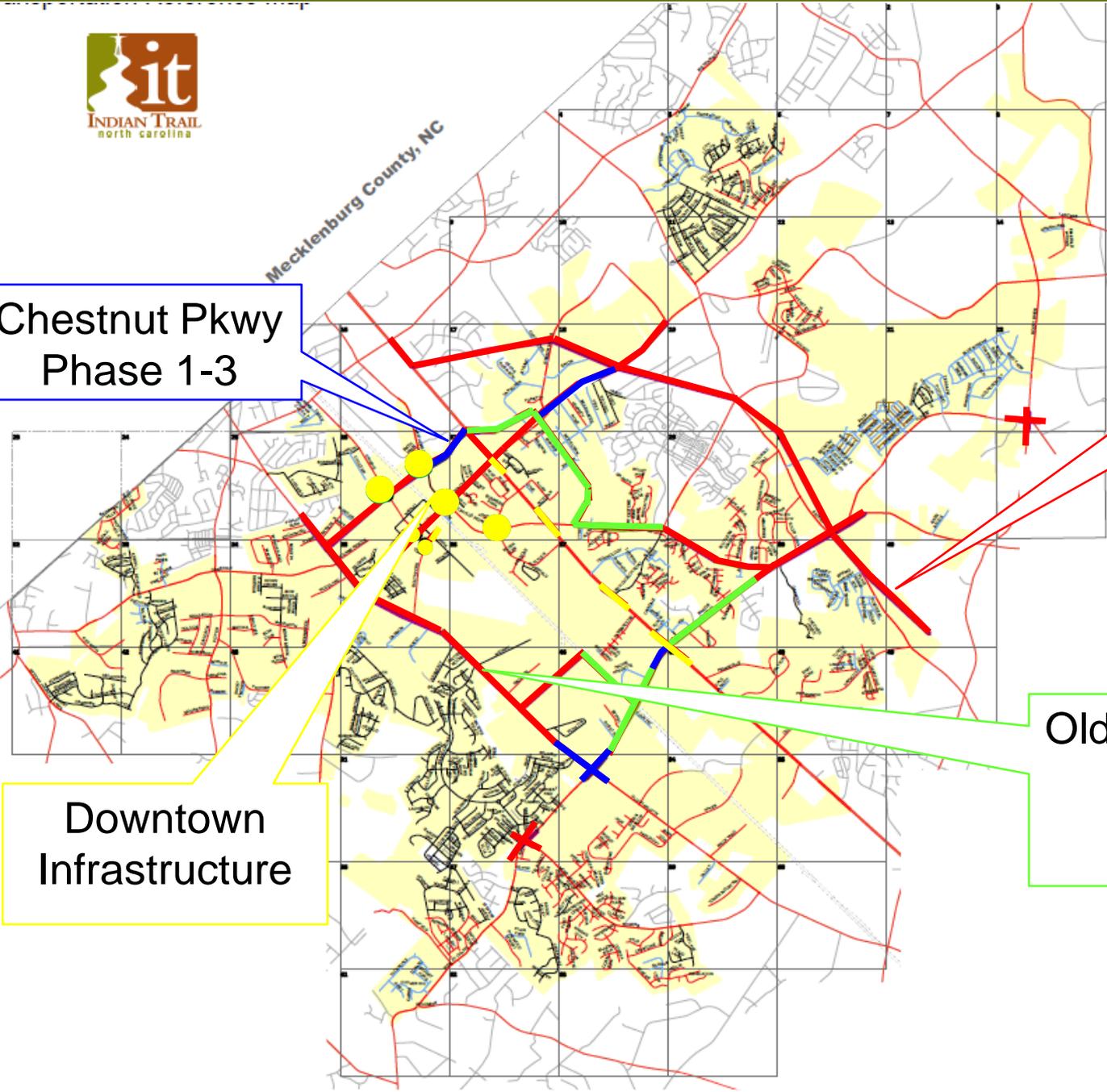
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# 5 yr- P2P Loop Implementation

- 5) Widening Unionville-Indian Trail Road from Faith Church Rd in 2016.
  - Private sources pay for widening.

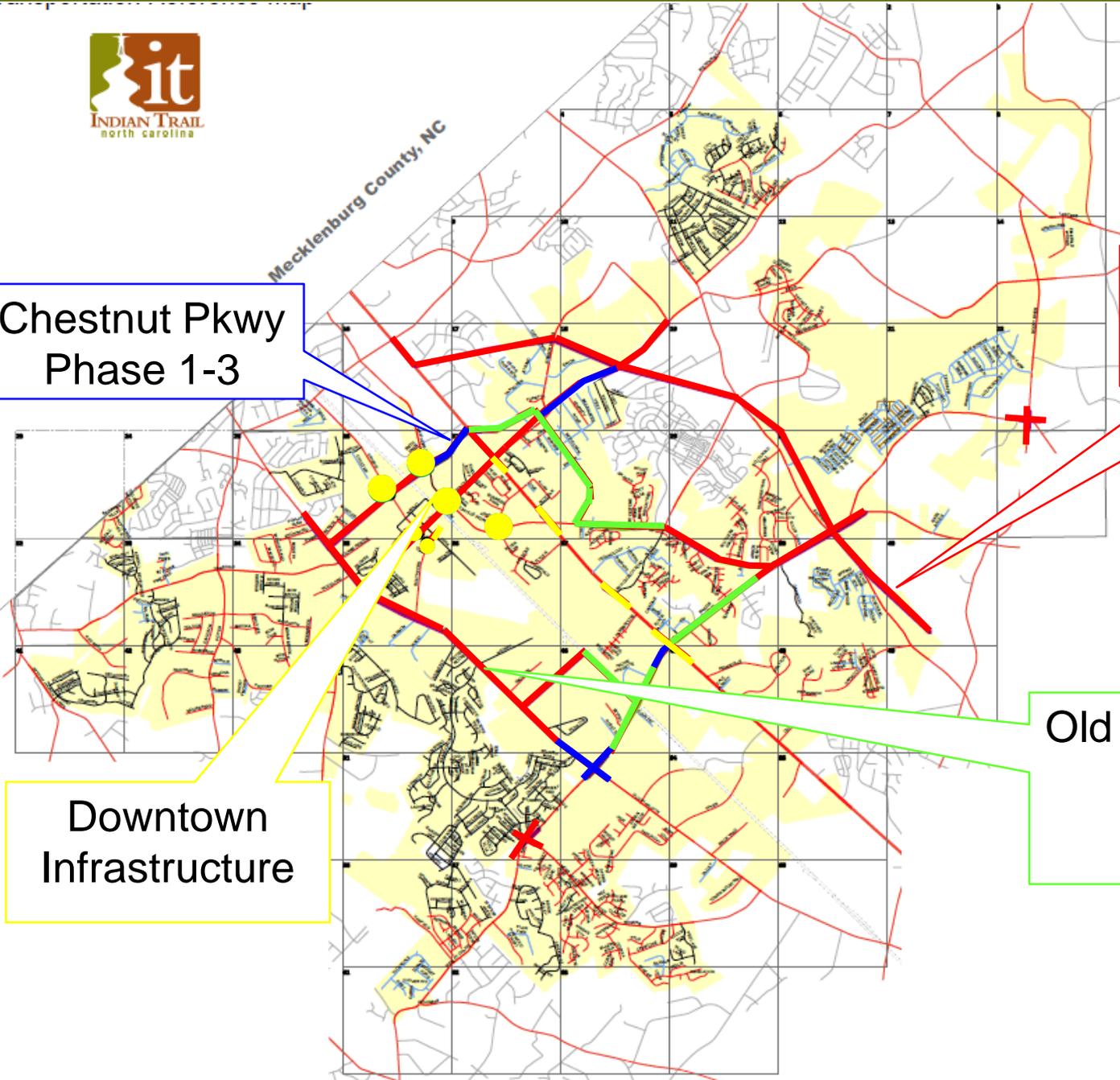
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# 5 yr- P2P Loop Implementation

6) Construction of Faith Church Rd to Old Monroe Rd

- Private development.

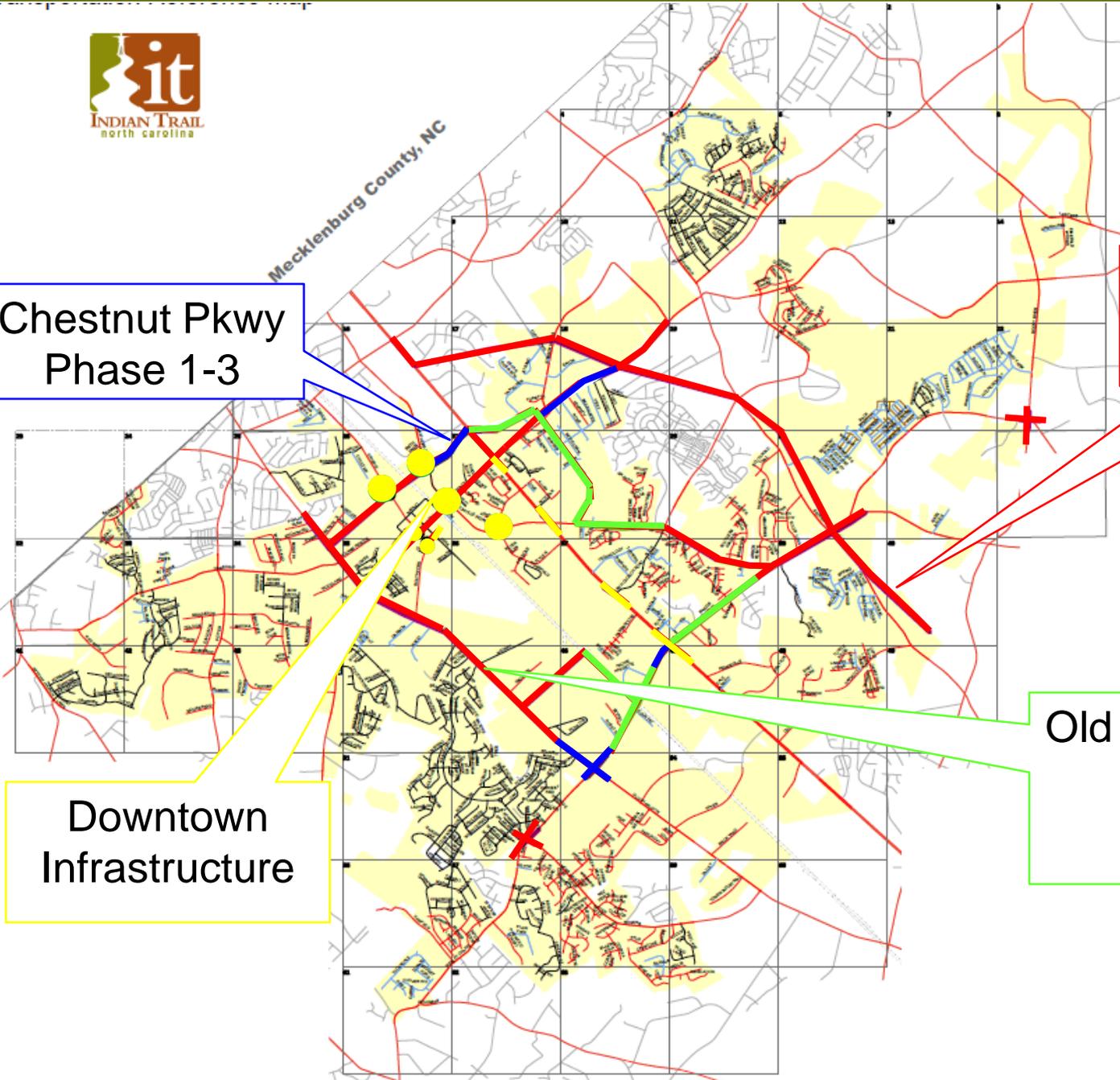
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# 5 yr- P2P Loop Implementation

## 7) Roundabout at Rocky River Road:

- Combination of private, state, local, and grant funding.
- Strategic infrastructure development
- Future development will enhance this road.
- Completed 2016.

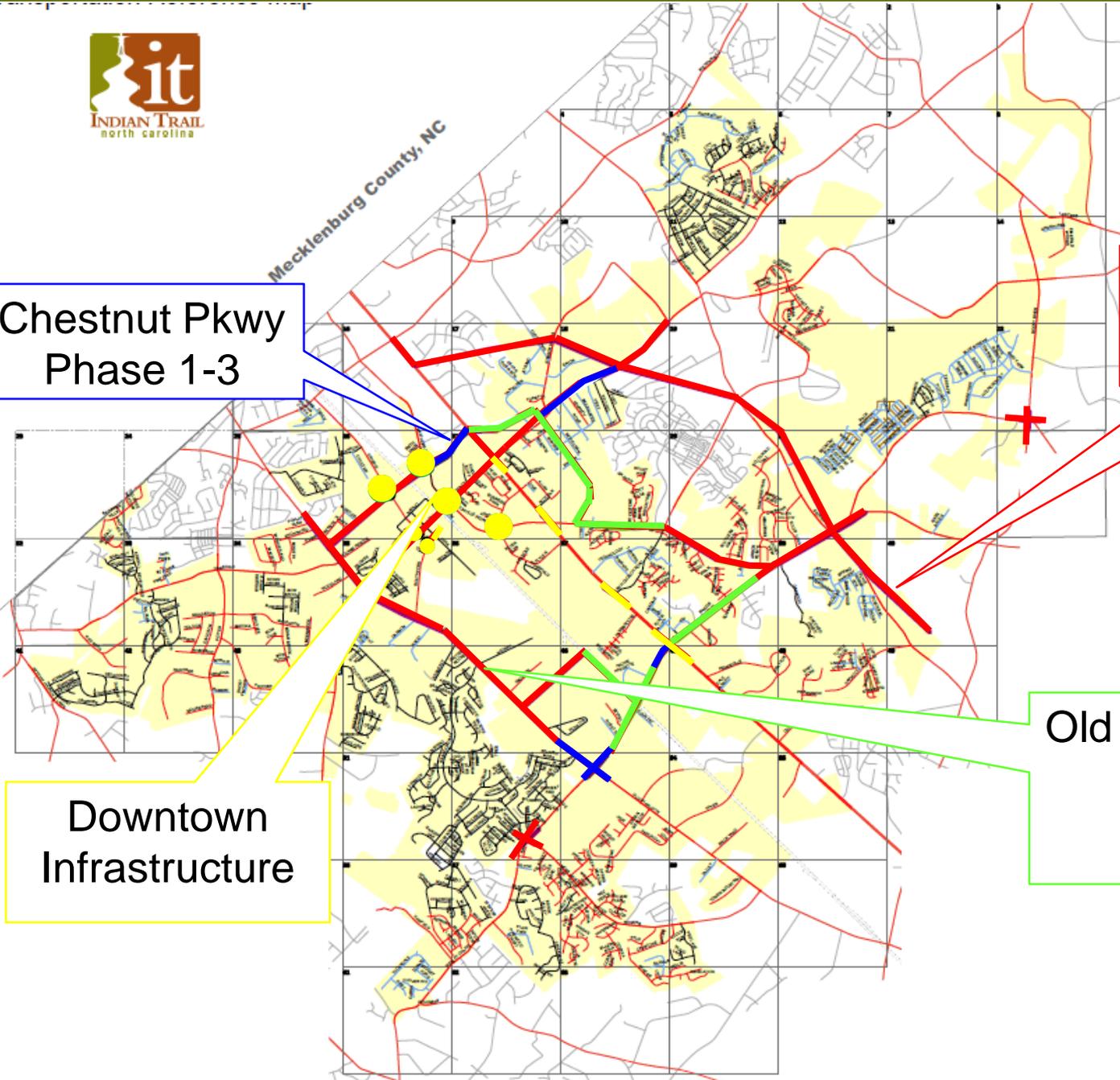
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# 5 yr- P2P Loop Implementation

8) Intersection at Sardis Elementary School:

- Combination of private, state, local, and grant funding.
- Strategic infrastructure development
- Future development will enhance this road.

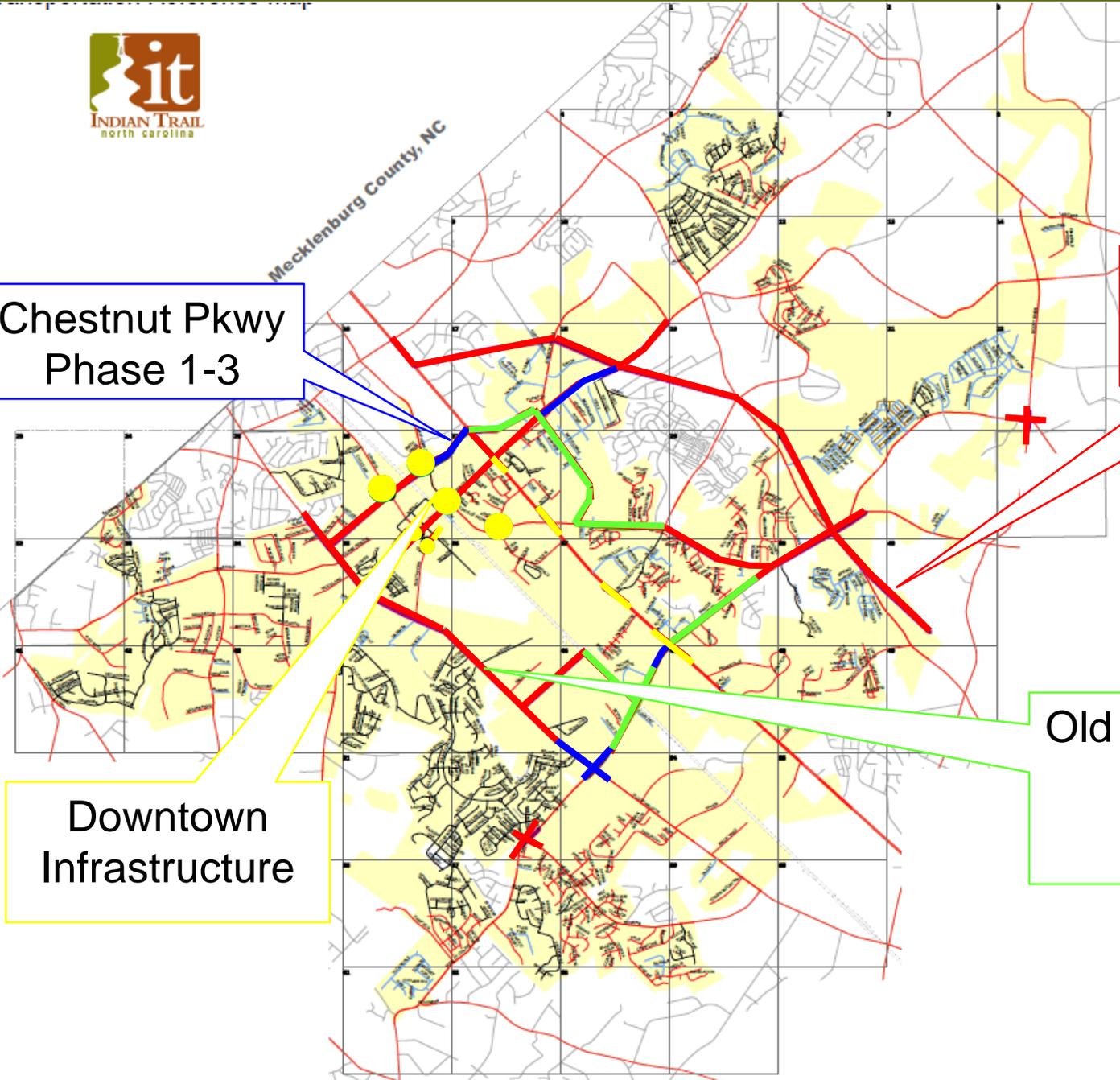
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# 5 yr- P2P Loop Implementation

- 9) Construction of new intersections at four intersections at US-74.
  - Construction to begin 2016.

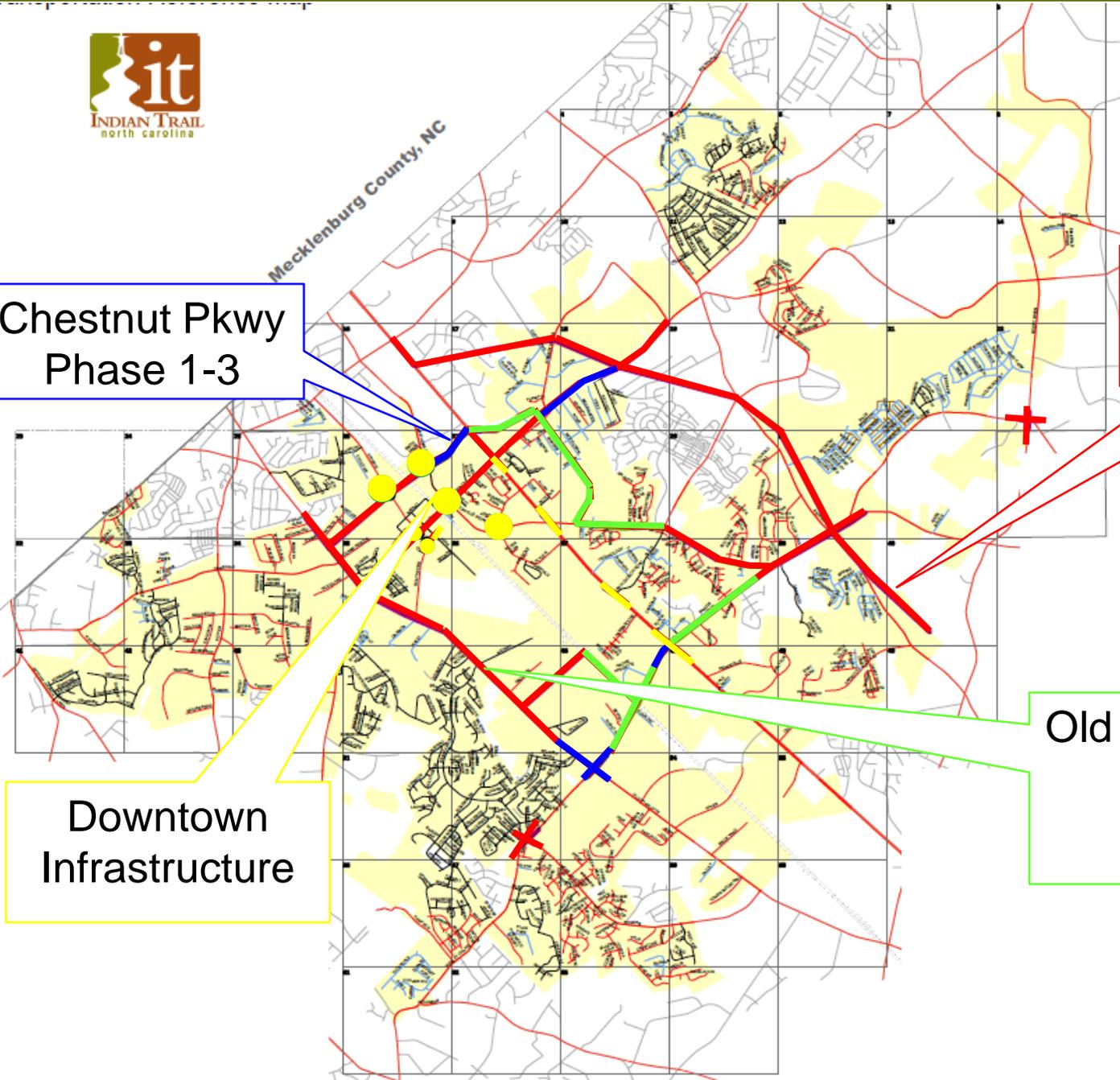
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# 5 yr- P2P Loop Implementation

10) Widening Rogers Road Intersection:

- Completed before 2020.
- Grant funding and state funding.

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# 10 yr- P2P Loop Implementation

11) Widening of Sardis Church Road to 3 lanes:

- Combination of private, state, local, and grant funding.
- Strategic infrastructure development
- Future development will enhance this road.

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# 10 yr- P2P Loop Implementation

12) Widening of Younts Road to 3 lanes:

- Combination of private, state, local, and grant funding.
- Strategic infrastructure development
- Future development will enhance this road.

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# Next Steps

- Council approval of having staff RFQ for a design, permitting, and ROW consultants for Chestnut Parkway?
- Council Discussion?

# Next Steps

- Council approval of staff beginning RFQ process for consultant for Indian Trail Road widening and streetscape?
- Council Discussion?

# Next Steps

- Council approval of staff beginning implementation process to develop cross Town Greenway System?
- Council Discussion?