

HALIFAX COUNTY LINE

BRUNSWICK COUNTY LINE

US 58 Arterial Preservation Plan Figure 1 Intersections & Median Crossovers Mecklenburg County

I-# - Intersection #
C-# - Crossover #

Intersection 1: Pooles Mill Rd with US 58
Recommendation: Lengthen all existing turn lanes and construct eastbound right-turn lane on US 58.
Cost: \$0.5M to \$0.8M

Intersection 2: Carters Point Rd with US 58
Recommendation: Lengthen all existing turn lanes on US 58.
Cost: \$0.5M to \$0.8M

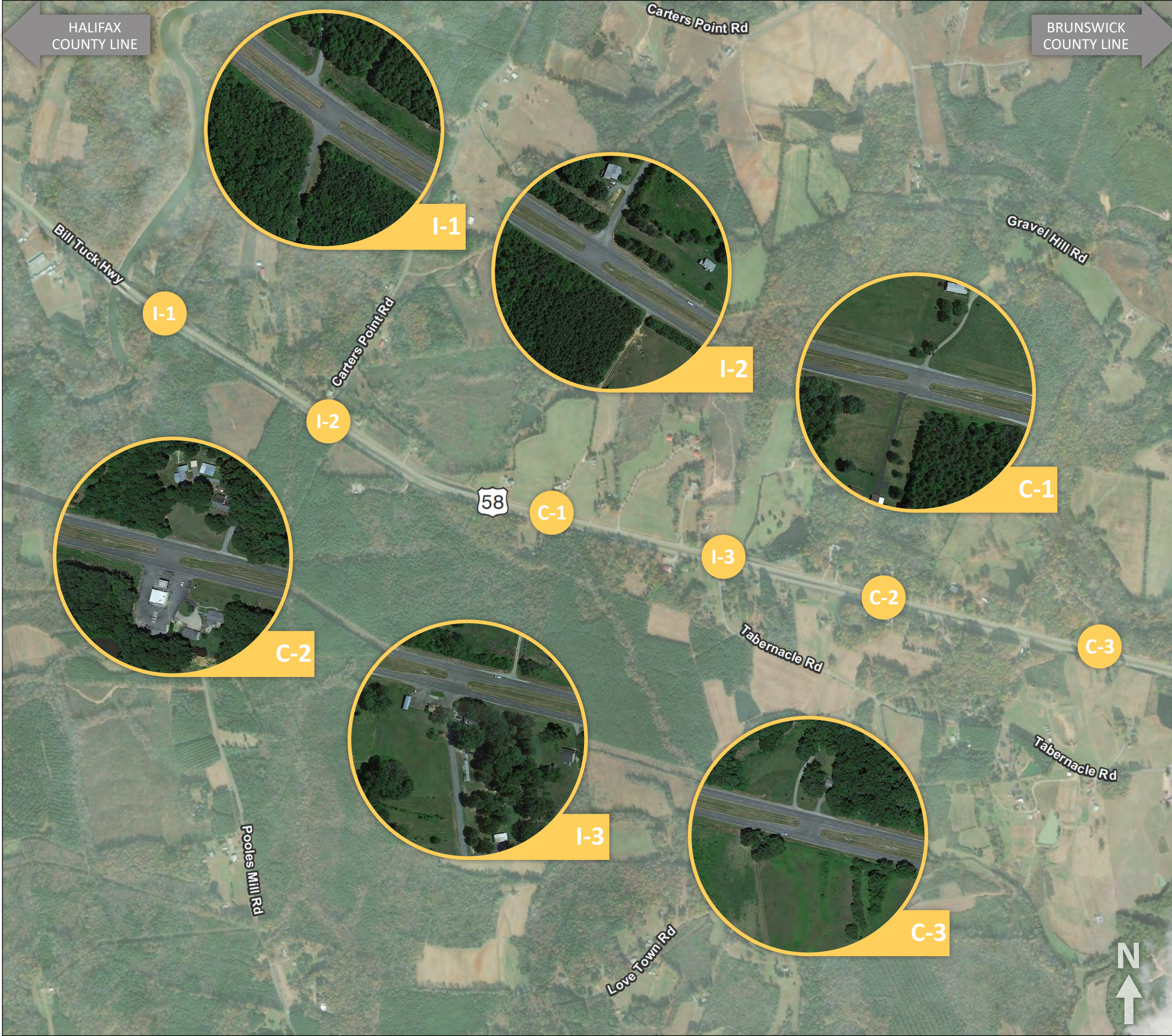
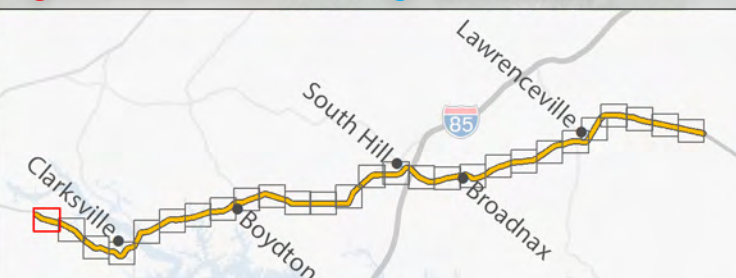
Crossover 1:
Recommendation: Lengthen all existing left-turn lanes on US 58.
Cost: \$0.4M to \$0.5M

Intersection 3: Tabernacle Rd with US 58
Recommendation: Lengthen all existing turn lanes on US 58. Construct eastbound right turn lane on US58.
Cost: \$0.5M to \$0.8M

Crossover 2:
Recommendation: Lengthen all existing left-turn lanes on US 58.
Cost: \$0.4M to \$0.5M

Crossover 3:
Recommendation: Lengthen all existing left-turn lanes on US 58.
Cost: \$0.4M to \$0.5M

● No Recommendation
● Recommended Removal
● Minor Improvement
● Major Improvement



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US 58 Arterial Preservation Plan Figure 2 Intersections & Median Crossovers Mecklenburg County

I-# - Intersection #
C-# - Crossover #

Intersection 4: Tabernacle Rd with US 58
Recommendation: Reconfigure intersection to directional median permitting left turns and U-Turns from westbound US 58. Lengthen existing westbound left-turn lane and construct eastbound right-turn lane on US 58
Cost: \$0.4M to \$0.6M

Intersection 5: Buffalo Springs Rd with US 58
Recommendation: Reconfigure intersection to directional median permitting left turns and U-Turns from eastbound US 58. Lengthen existing eastbound left-turn and westbound right-turn lanes on US 58
Cost: \$0.4M to \$0.6M

Intersection 6: Hite Dr with US 58
Recommendation: Lengthen all existing turn lanes and construct eastbound right-turn lane on US 58.
Cost: \$0.5M to \$0.8M

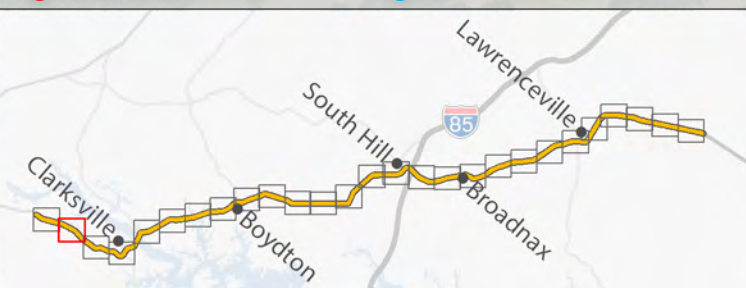
Intersection 7: Lake Ridge Dr with US 58
Recommendation: Lengthen all existing turn lanes and construct westbound right-turn lane on US 58.
Cost: \$0.5M to \$0.8M

Intersection 8: Cherry Hill Church Rd with US 58
Recommendation: Reconfigure intersection to directional median permitting left turns and U-Turns from westbound US 58. Lengthen existing westbound left-turn lane and construct eastbound right-turn lane on US 58
Cost: \$0.4M to \$0.6M

Intersection 9: Bull Rd with US 58
Recommendation: Lengthen all existing turn lanes and construct right-turn lanes on US 58.
Cost: \$0.6M to \$1.0M

Crossover 4:
Recommendation: Lengthen all existing turn lanes on US 58. Consolidate access along eastbound US 58.
Cost: \$0.5M to \$0.7M

● No Recommendation
● Recommended Removal
● Minor Improvement
● Major Improvement



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US 58 Arterial Preservation Plan Figure 3 Intersections & Median Crossovers Mecklenburg County

I-# - Intersection #
C-# - Crossover #

Crossover 5:
Recommendation: Lengthen all existing left-turn lanes on US 58.
Cost: \$0.4M to \$0.5M

Crossover 6:
Recommendation: Lengthen all existing left-turn lanes on US 58.
Cost: \$0.4M to \$0.5M

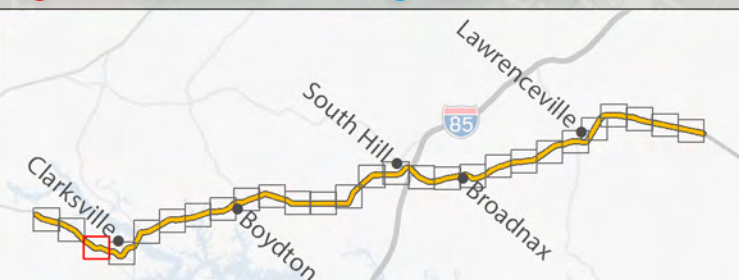
Crossover 7:
Recommendation: Reconfigure crossover to directional median to permit lefts in only from eastbound US 58. Construct westbound right-turn lane on US 58.
Cost: \$0.4M to \$0.5M

Intersection 10: Clarksville Rd with US 58
Recommendation: Lengthen all existing turn lanes and construct eastbound right-turn lane on US 58.
Cost: \$0.5M to \$0.8M

Intersection 11: Clarksville Rd with US 58
Recommendation: Reconfigure crossover to directional median to permit lefts in only from westbound US 58. Construct eastbound right-turn lane on US 58.
Cost: \$0.5M to \$0.7M

Intersection 12: Pen Rd with US 58
Recommendation: Lengthen existing eastbound left-turn lane and construct right-turn lane on US 58.
Cost: \$0.4M to \$0.7M

● No Recommendation
● Recommended Removal
● Minor Improvement
● Major Improvement



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US 58 Arterial Preservation Plan Figure 4 Intersections & Median Crossovers Mecklenburg County

I-# - Intersection #
C-# - Crossover #

Crossover 8:
Recommendation: Remove crossover.
Cost: \$0.2M to \$0.3M

Intersection 13: Greenhouse Dr with US 58
Recommendation: No Recommendation
Cost: Not Applicable

Intersection 14: Virginia Ave with US 58
Recommendation: See Figure 5
Cost: \$1.1M to \$1.4M



C-8



I-13



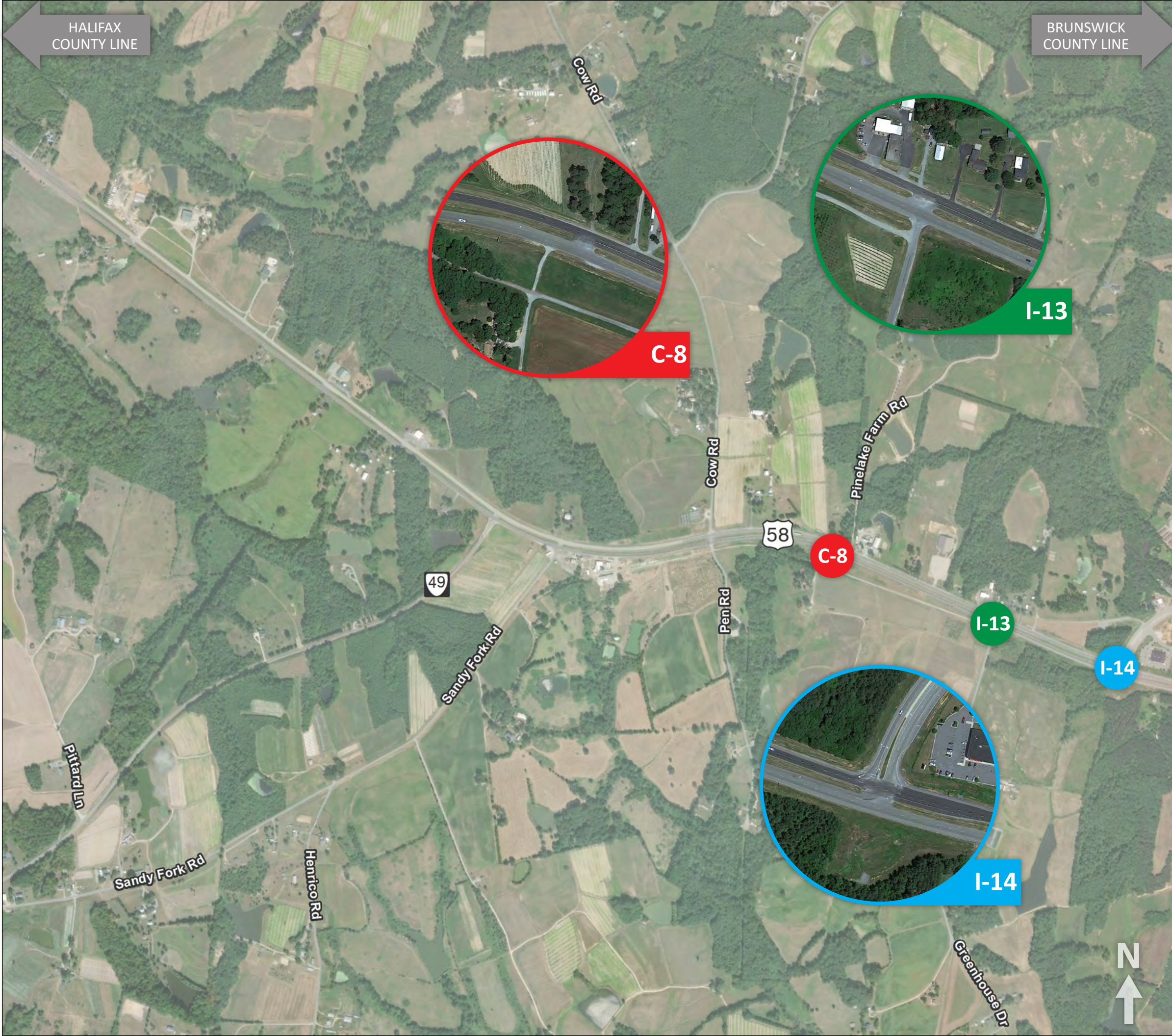
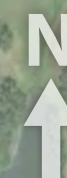
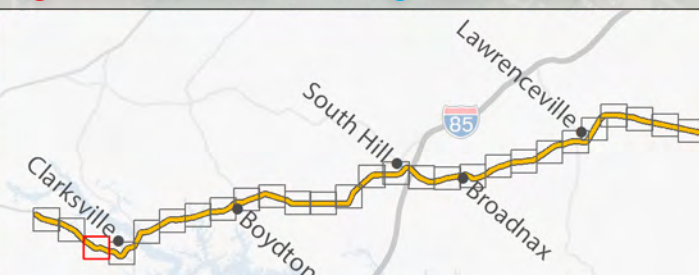
I-14

C-8

I-13

I-14

● No Recommendation
● Recommended Removal
● Minor Improvement
● Major Improvement



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Route 58 Arterial Management Plan Figure 5 Intersection #14: US 58 and Virginia Ave Mecklenburg County

Recommendation: Reconfigure main intersection of US 58 and Virginia Ave to Continuous Green-T (CGT). Reconstruct existing turn-lanes on US 58 to VDOT Design Standards. Improvements are required at Intersection 15, Noblin Farm Rd and US 58.

ROW Impacts: All improvements are within the ROW

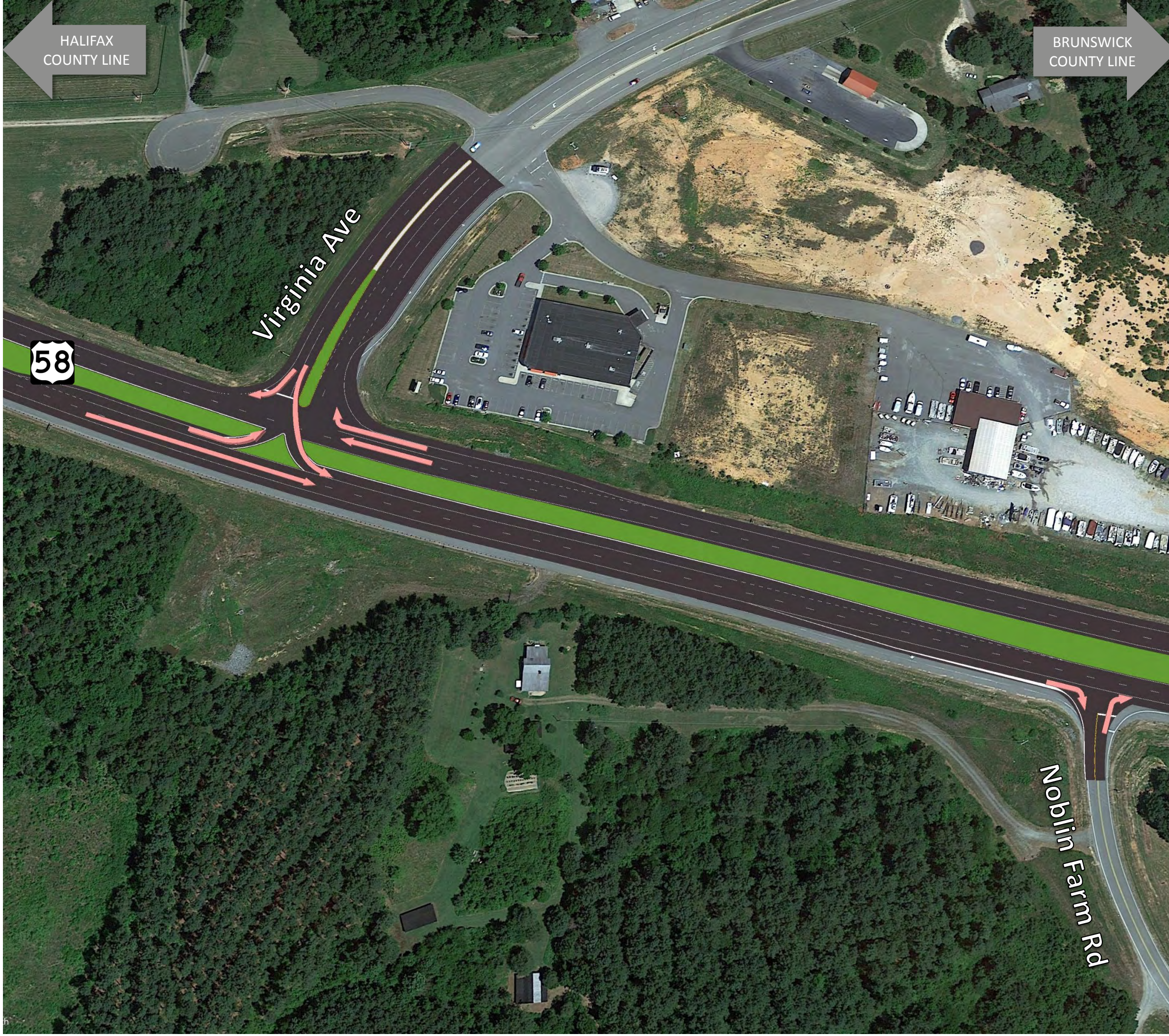
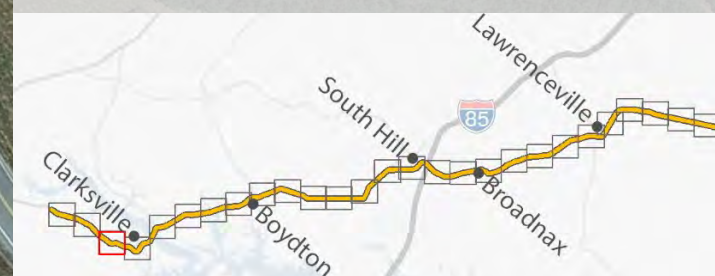
Improvement Type: Safety, Travel Time Preservation

Traffic Operations & Safety:

- Traffic Operations** Reduced delay times for vehicles traveling eastbound on US 58 from Virginia Ave
- Safety** Reduced conflict points where vehicles cross paths. Reduced risk of angle crashes from Virginia Ave onto US 58

Cost: \$1.1M to \$1.4M

Standard Movements



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US 58 Arterial Preservation Plan Figure 6 Intersections & Median Crossovers Mecklenburg County

I-# - Intersection #
C-# - Crossover #

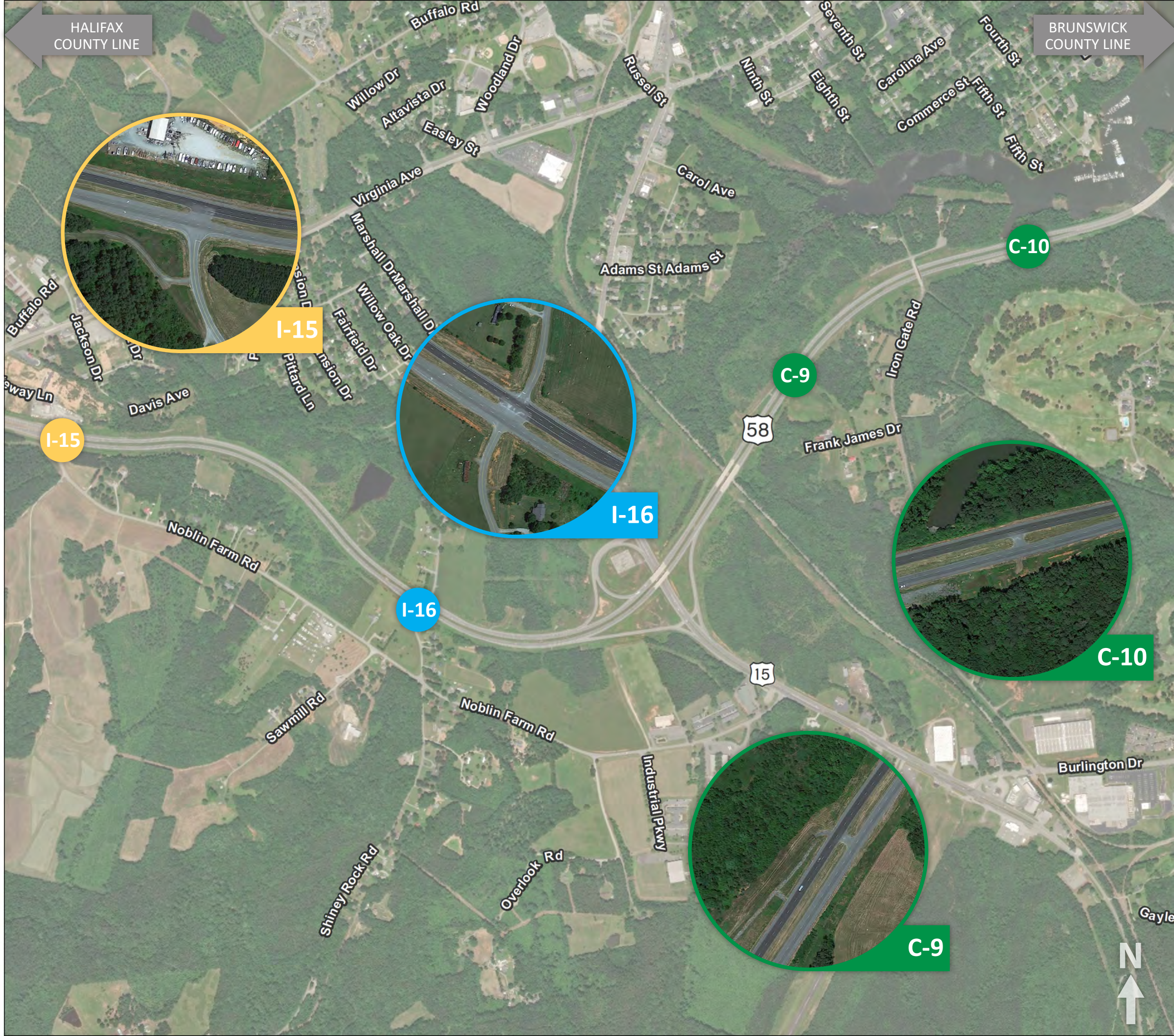
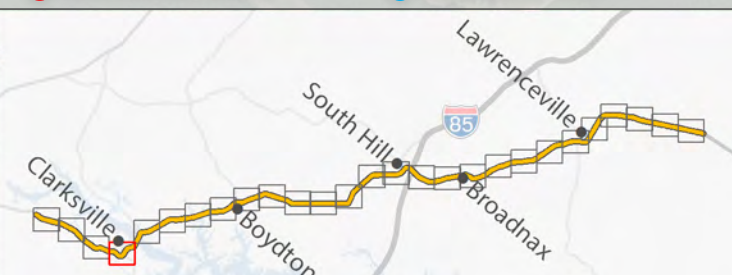
Intersection 15: Noblin Farm Rd with US 58
Recommendation: Reconfigure intersection to right-in/right out only.
Cost: \$0.1M to \$0.2M

Intersection 16: Shiney Rock Rd with US 58
Recommendation: Reconfigure intersection to directional median to permit lefts in from eastbound and westbound US 58.
Cost: \$0.3M to \$0.4M

Crossover 9:
Recommendation: No recommendation
Cost: Not Applicable

Crossover 10:
Recommendation: No recommendation
Cost: Not Applicable

● No Recommendation
● Recommended Removal
● Minor Improvement
● Major Improvement



I-15



I-16



C-10



C-9

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US 58 Arterial Preservation Plan Figure 7 Intersections & Median Crossovers Mecklenburg County

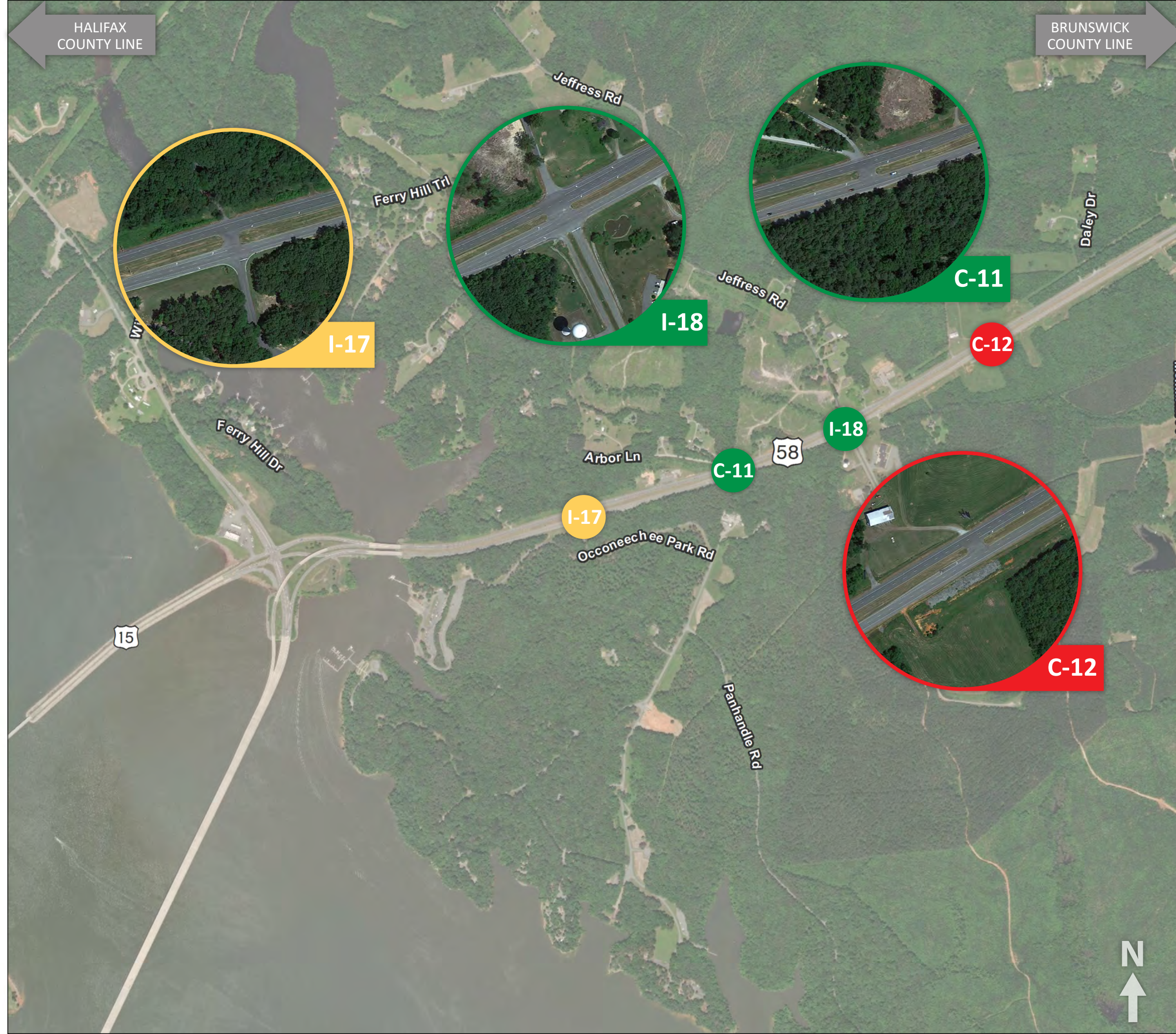
I-# - Intersection #
C-# - Crossover #

Intersection 17: Occoneechee Park Rd with US 58
Recommendation: Lengthen existing eastbound right turn lane on US 58.
Cost: Not Applicable

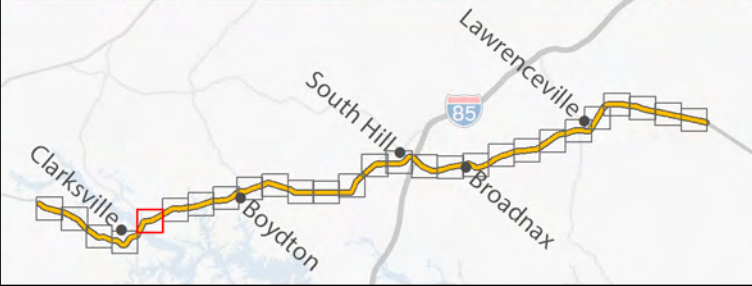
Crossover 11:
Recommendation: Construct westbound right turn lane on US 58.
Cost: \$0.3M to \$0.4M

Intersection 18: Commerce Dr with US 58
Recommendation: No recommendation
Cost: Not Applicable

Crossover 12:
Recommendation: Remove Crossover
Cost: \$0.2M to \$0.3M



● No Recommendation
● Recommended Removal
● Minor Improvement
● Major Improvement



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US 58 Arterial Preservation Plan Figure 8 Intersections & Median Crossovers Mecklenburg County

I-# - Intersection #
C-# - Crossover #

Intersection 19: Tower Rd with US 58
Recommendation: Reconfigure crossover to directional median to permit lefts in only from westbound US 58. Construct westbound right-turn lane on US 58.
Cost: \$1.1M to \$1.3M

Intersection 20: Chandler Rd with US 58
Recommendation: No recommendation
Cost: Not Applicable

Intersection 21: Chandler Rd with US 58
Recommendation: Reconfigure intersection to right-in/right-out only.
Cost: \$0.3M to \$0.4M

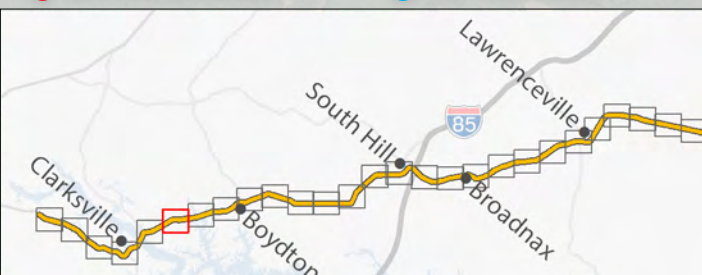
Intersection 22: Puryears Rd with US 58
Recommendation: No recommendation
Cost: Not Applicable

Intersection 23: Wilkerson Rd with US 58
Recommendation: No recommendation
Cost: Not Applicable

Crossover 13:
Recommendation: No recommendation
Cost: Not Applicable

Crossover 14:
Recommendation: Remove crossover
Cost: Not Applicable

● No Recommendation
● Recommended Removal
● Minor Improvement
● Major Improvement



I-19



I-20



I-21

I-22

I-23

C-13

C-14

I-20



I-23



C-13



C-14



I-22

N



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US 58 Arterial Preservation Plan Figure 9 Intersections & Median Crossovers Mecklenburg County

I-# - Intersection #
C-# - Crossover #

Crossover 15:
Recommendation: No recommendation
Cost: Not Applicable

Intersection 24: Rogers Rd with US 58
Recommendation: No recommendation
Cost: Not Applicable

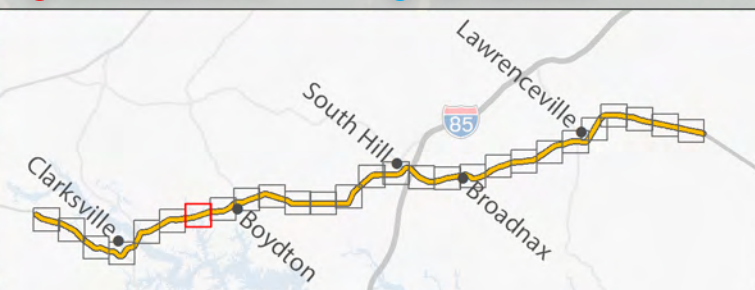
Crossover 16:
Recommendation: No recommendation
Cost: Not Applicable

Intersection 25:
Recommendation: Lengthen existing westbound right-turn lane on US 58.
Cost: \$0.1M to \$0.2M

Crossover 17:
Recommendation: No recommendation
Cost: Not Applicable

Intersection 26: Rochichi Dr with US 58
Recommendation: No recommendation
Cost: Not Applicable

● No Recommendation
● Recommended Removal
● Minor Improvement
● Major Improvement



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US 58 Arterial Preservation Plan Figure 10 Intersections & Median Crossovers Mecklenburg County

I-# - Intersection #
C-# - Crossover #

- Crossover 18:**
Recommendation: No recommendation
Cost: Not Applicable
- Intersection 27:** Mayfield Dr with US 58
Recommendation: Reconfigure intersection to restricted crossing U-turn (RCUT). Construct U-turn area west of main intersection.
Cost: \$3.5M to \$4.6M
- Intersection 28:** Jefferson St with US 58
Recommendation: Reconfigure intersection to restricted crossing U-turn (RCUT). Reconfigure Crossover #19 to U-turn area.
Cost: \$2.2M to \$3.1M
- Crossover 19:**
Recommendation: Reconfigure crossover to U-turn area for Intersection #28. Permit eastbound US 58 left-turn movements.
Cost: See Intersection 28: Jefferson St with US 58
- Crossover 20:**
Recommendation: Reconfigure crossover to directional median to permit lefts in only from eastbound US 58.
Cost: \$0.3M to \$0.4M
- Intersection 29:** Skipwith Rd with US 58
Recommendation: Reconfigure intersection to restricted crossing U-turn (RCUT). Construct U-turn area east and west of main intersection.
Cost: \$1.1M to \$1.6M

● No Recommendation ● Minor Improvement
● Recommended Removal ● Major Improvement

