

- Legend**
- Intersection/Ramp Intersection Improvements
 - 6 Lanes (Existing)
 - 8 Lanes (Existing)
 - Widen to 6 Lanes
 - Widen to 8 Lanes
 - Widen to 10 Lanes
 - Cross Street Improvements
 - Interstate
 - US Route
 - NC Route
 - Railroad
 - County Boundary
 - Hydrology
 - State Line

Scenario 4 = Widen I-85 to 8 lanes and 10 lanes, widen US 29/74 segments to 6 lanes, widen cross streets, improve intersections and ramps

Source: Gaston County and Mecklenburg Counties GIS. Map printed April 2009.



STIP PROJECT NO. U-3321

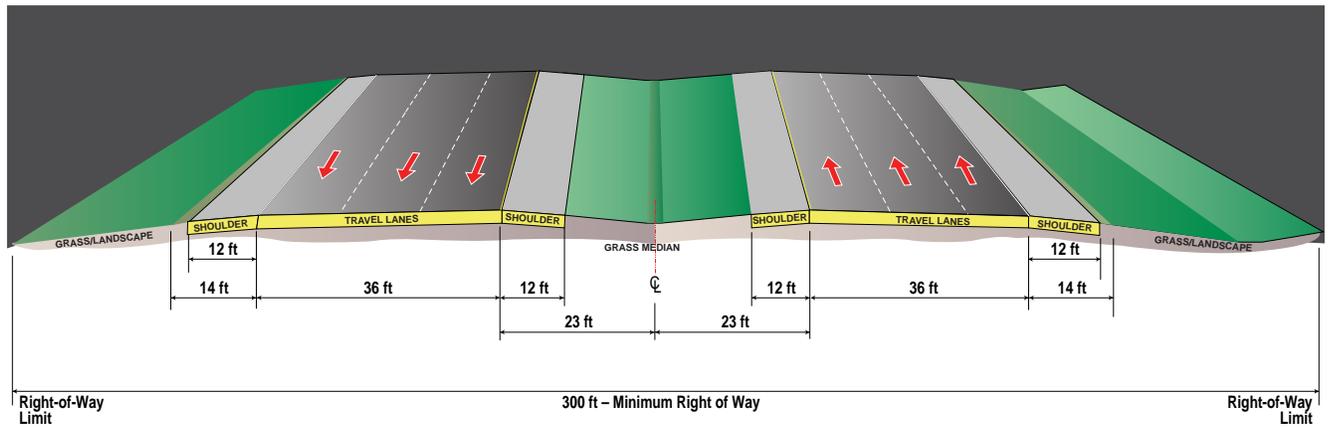
Gaston County and Mecklenburg County

GASTON EAST-WEST CONNECTOR

IMPROVE EXISTING ROADWAYS ALTERNATIVE SCENARIO 4

Figure 2-1

newfig7-5-08.apr. revised in Illustrator April 4, 2009



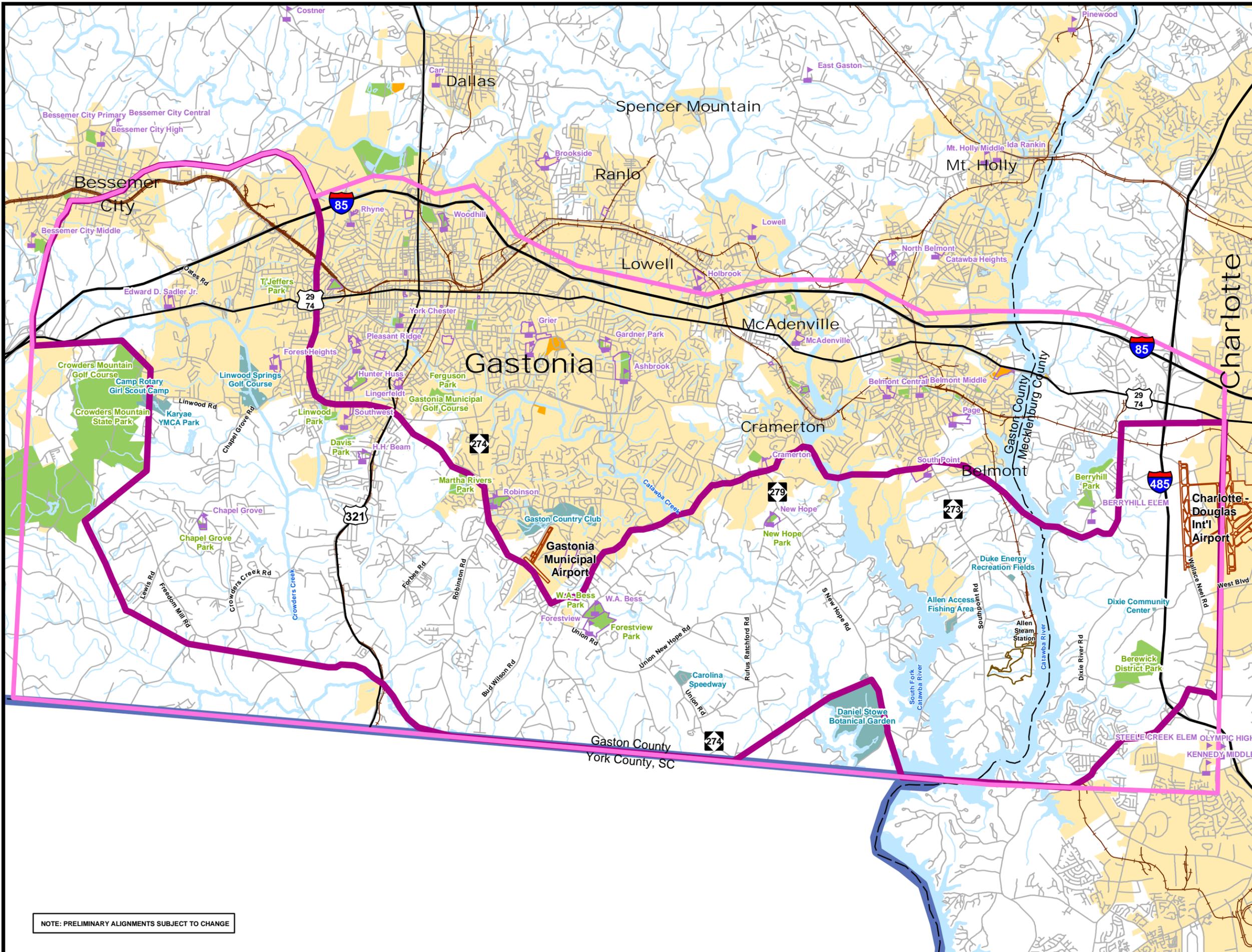
**NOTE: Four lanes may be built initially, resulting in a wider grass median.
The 5th and 6th travel lanes would be the innermost travel lanes.**

Fig2-03_NewLocAltTypCrossSec.pdf AKH 4.9.09

NOT TO SCALE

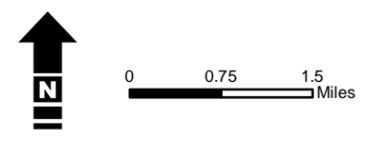


Figure 2-3



- Legend**
- Study Area Boundary
 - Refined Study Area Boundary for New Location Alternatives
 - Schools
 - School Property
 - Parks
 - Private Recreation Facilities and Attractions
 - State Complexes
 - Fly Ash Basins
 - County Lines
 - State Line
 - Interstates
 - US Routes
 - Streets
 - Railroad
 - Hydrography
 - City Limits

Source: Gaston County and Mecklenburg County GIS Map printed April 2009.



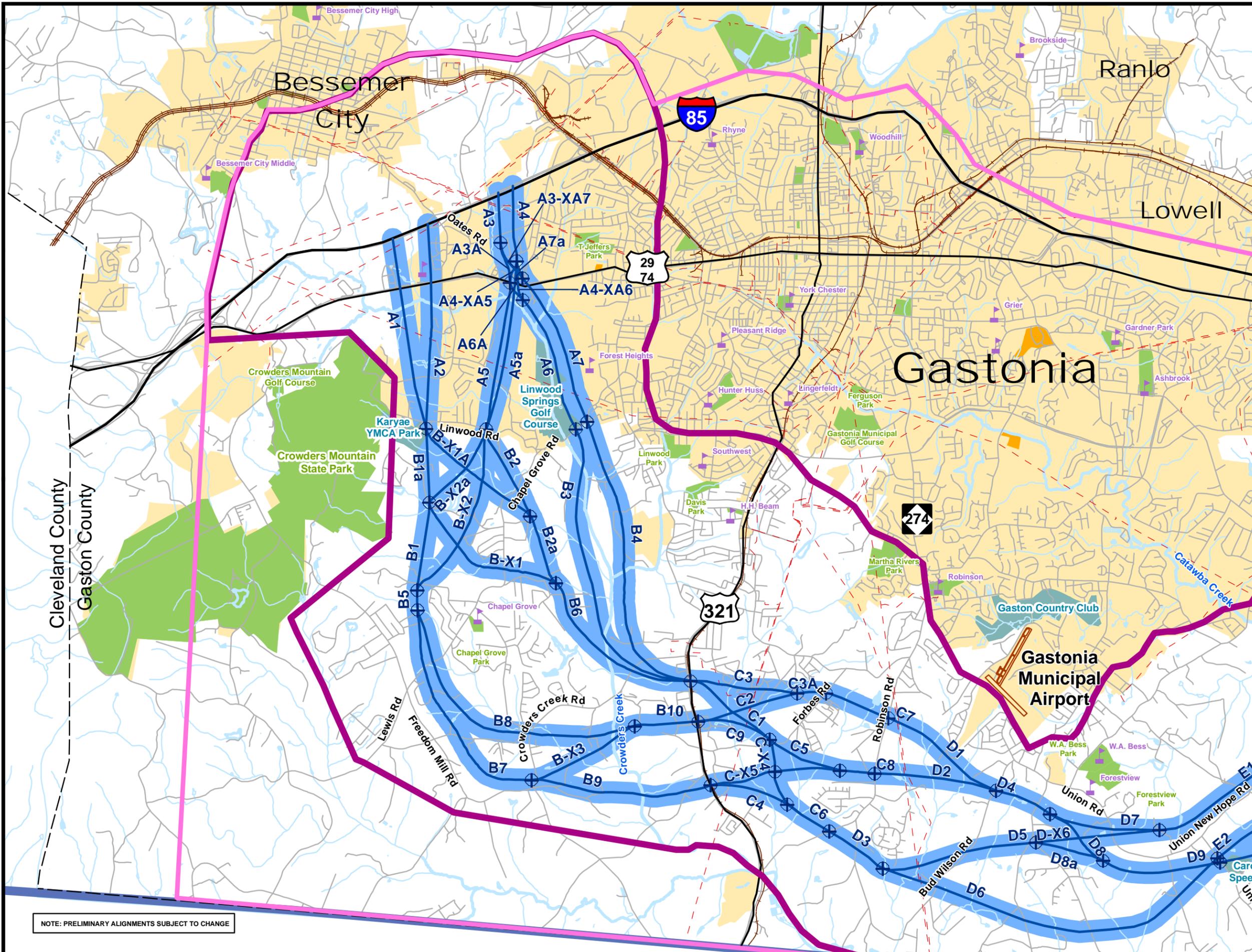
STIP PROJECT NO. U-3321
 Gaston County and Mecklenburg County

GASTON EAST-WEST CONNECTOR

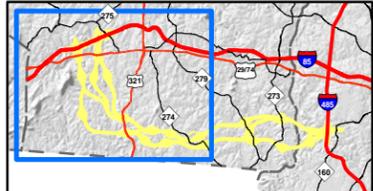
REFINED STUDY AREA FOR NEW LOCATION ALTERNATIVES

NOTE: PRELIMINARY ALIGNMENTS SUBJECT TO CHANGE

Figure 2-4



- Legend**
- Study Area Boundary
 - Refined Study Area Boundary for New Location Alternatives
 - + Segment Endpoints
 - Preliminary Corridors for New Location Alternatives
 - West Blvd Realignment (Construction by Airport)
 - + Schools
 - + Land Conservancy
 - NC Clean Air Project
 - - - Power Transmission Lines
 - Private Recreation Facilities and Attractions
 - Parks
 - - - State Complexes
 - County Lines
 - State Line
 - Interstates
 - US Routes
 - Streets
 - Railroad
 - Hydrography
 - City Limits



Source: Gaston County and Mecklenburg County GIS Map printed April 2009.



STIP PROJECT NO. U-3321

Gaston County and Mecklenburg County

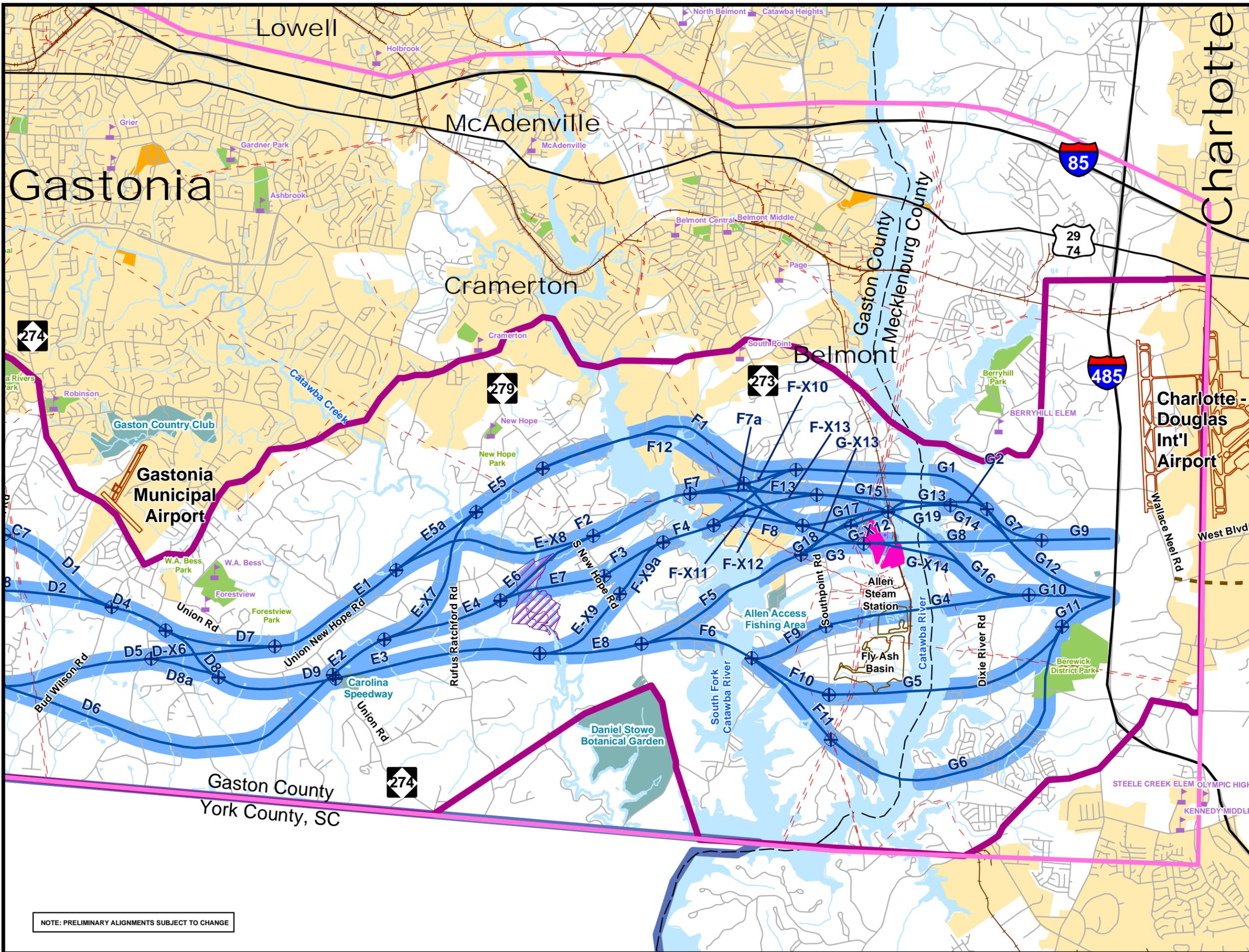
GASTON EAST-WEST CONNECTOR

PRELIMINARY CORRIDOR SEGMENTS

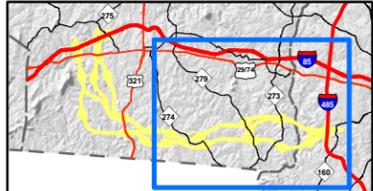
Figure 2-5a

NOTE: PRELIMINARY ALIGNMENTS SUBJECT TO CHANGE

Fig2-5_PrelimCorridorSegs.mxd AKH 4.17.09



- Legend**
- Study Area Boundary
 - Refined Study Area Boundary for New Location Alternatives
 - + Segment Endpoints
 - Preliminary Corridors for New Location Alternatives
 - West Blvd Realignment (Construction by Airport)
 - + Schools
 - ▨ Land Conservancy
 - NC Clean Air Project
 - Power Transmission Lines
 - Private Recreation Facilities and Attractions
 - Parks
 - State Complexes
 - County Lines
 - State Line
 - Interstates
 - US Routes
 - Streets
 - Railroad
 - Hydrography
 - City Limits



Source: Gaston County and Mecklenburg County GIS Map printed April 2009.



STIP PROJECT NO. U-3321
Gaston County and Mecklenburg County

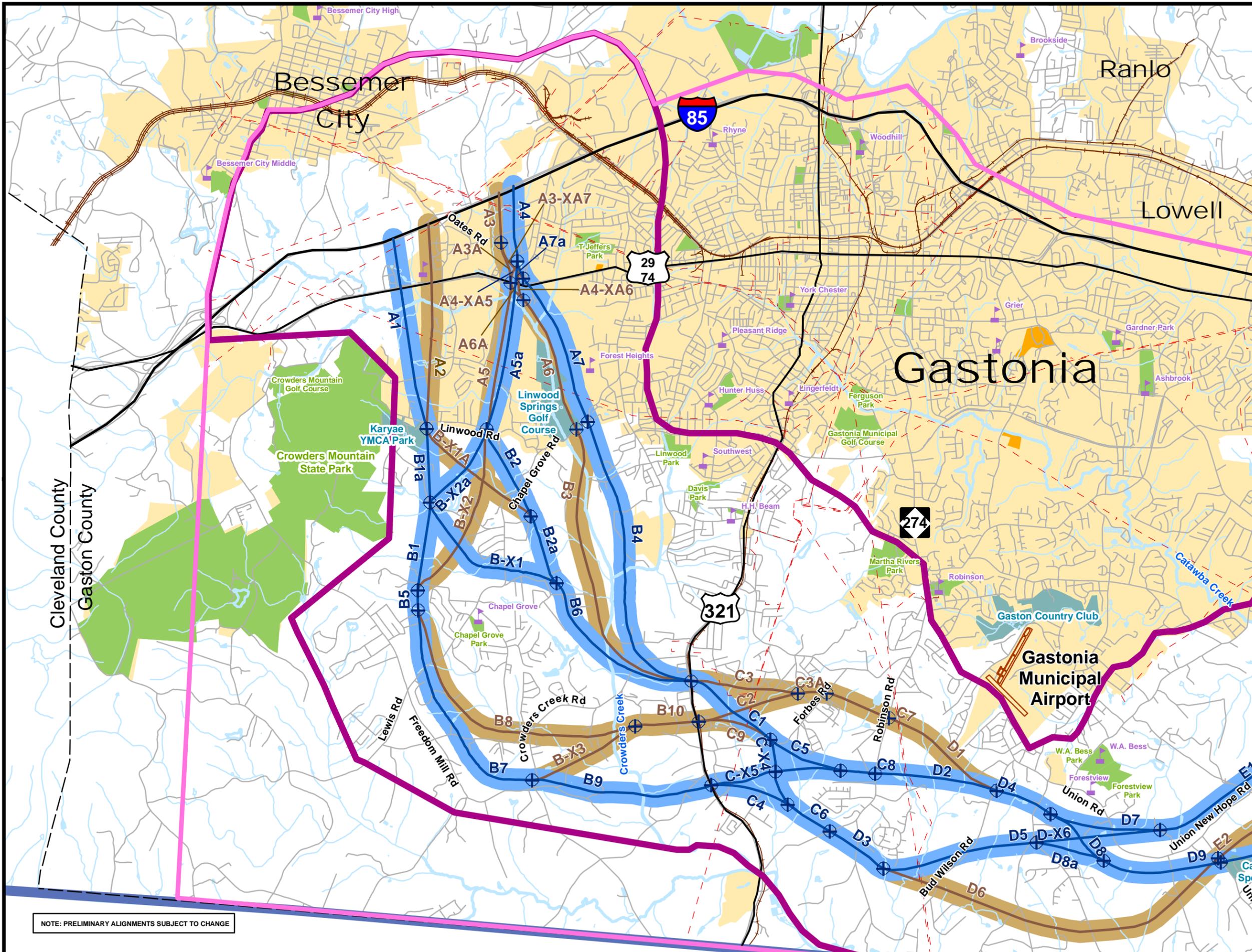
GASTON EAST-WEST CONNECTOR

PRELIMINARY CORRIDOR SEGMENTS

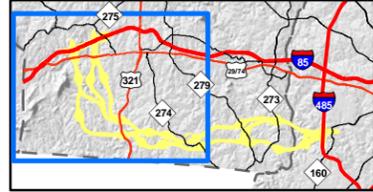
Figure 2-5b

NOTE: PRELIMINARY ALIGNMENTS SUBJECT TO CHANGE

Fig 2-5_PrelimCorridorSegs.mxd AKH 4.17.09



- Legend**
- Study Area Boundary
 - Refined Study Area Boundary for New Location Alternatives
 - + Segment Endpoints
 - Segment Retained for Study
 - Segment Eliminated from Study
 - Corridor Eliminated from Study
 - West Blvd Realignment (Construction by Airport)
 - + Schools
 - + Land Conservancy
 - NC Clean Air Project
 - Power Transmission Lines
 - + Parks
 - + Private Recreation Facilities and Attractions
 - + State Complexes
 - County Lines
 - State Line
 - Interstates
 - US Routes
 - Streets
 - Railroad
 - Hydrography
 - + City Limits



Source: Gaston County and Mecklenburg County GIS
Map printed April 2009.



STIP PROJECT NO. U-3321
Gaston County and Mecklenburg County

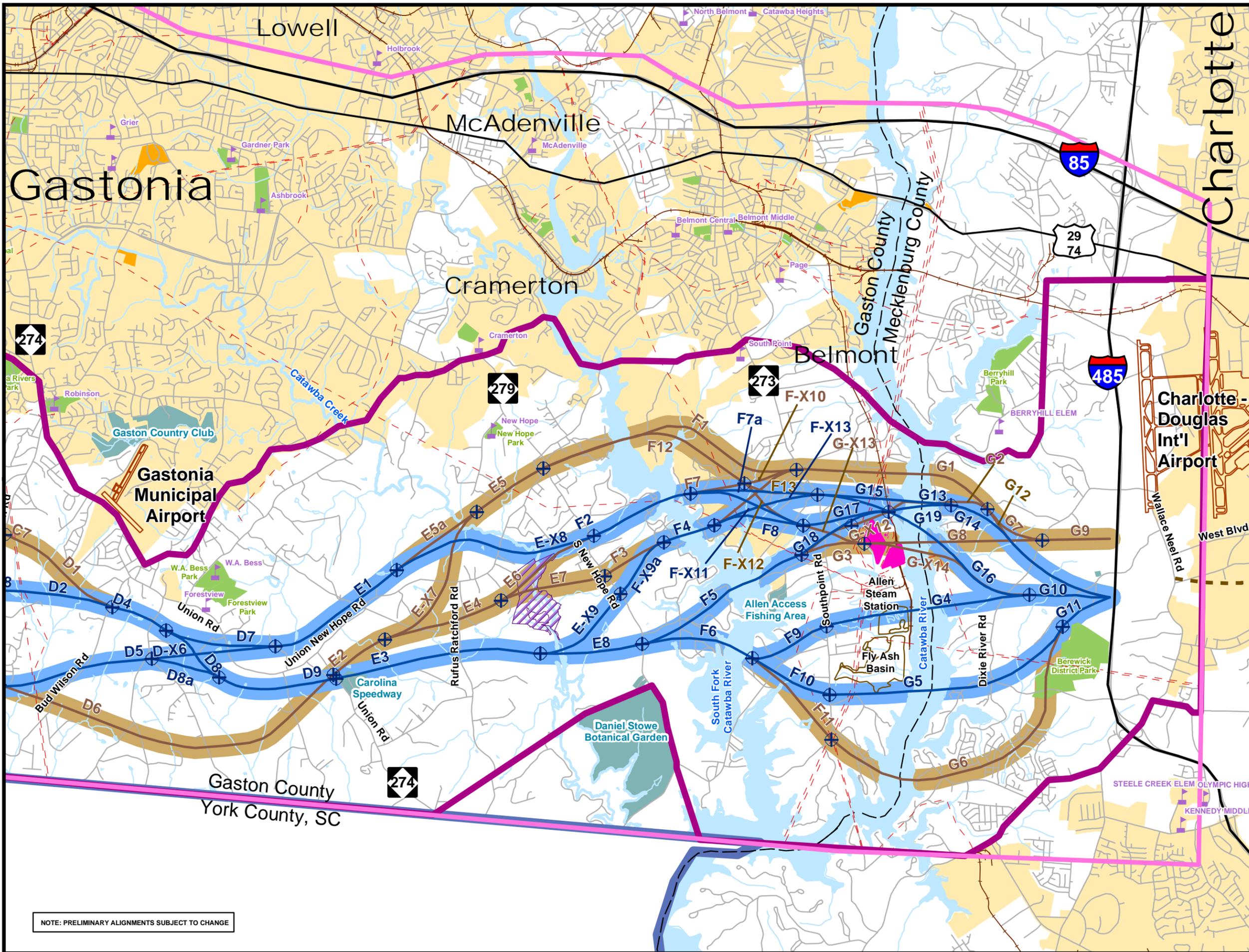
GASTON EAST-WEST CONNECTOR

PRELIMINARY CORRIDOR SEGMENTS RETAINED FOR FUNCTIONAL DESIGN

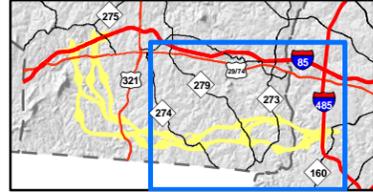
NOTE: PRELIMINARY ALIGNMENTS SUBJECT TO CHANGE

Fig 2-6_PrelimCorridorSegsRetained.mxd AKH 4.17.09

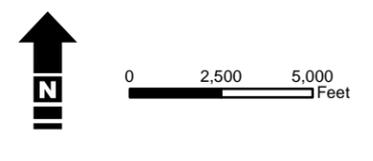
Figure 2-6a



- Legend**
- Study Area Boundary
 - Refined Study Area Boundary for New Location Alternatives
 - + Segment Endpoints
 - Segment Retained for Study
 - Corridor Retained for Study
 - Segment Eliminated from Study
 - Corridor Eliminated from Study
 - West Blvd Realignment (Construction by Airport)
 - + Schools
 - ▨ Land Conservancy
 - NC Clean Air Project
 - Power Transmission Lines
 - + Parks
 - + Private Recreation Facilities and Attractions
 - + State Complexes
 - County Lines
 - State Line
 - Interstates
 - US Routes
 - Streets
 - Railroad
 - Hydrography
 - + City Limits



Source: Gastonia County and Mecklenburg County GIS Map printed April 2009.



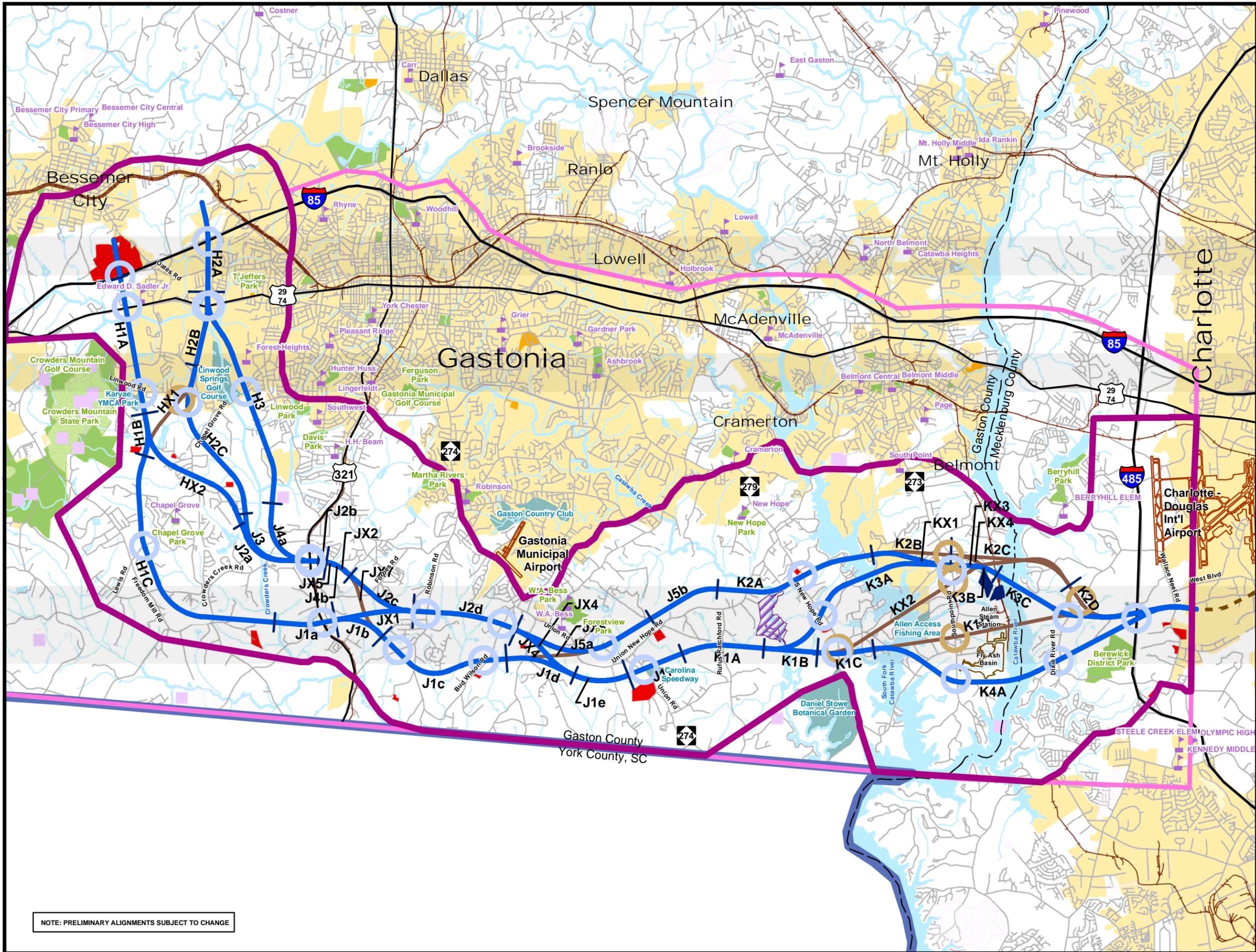
STIP PROJECT NO. U-3321
 Gaston County and Mecklenburg County

GASTON EAST-WEST CONNECTOR
PRELIMINARY CORRIDOR SEGMENTS RETAINED FOR FUNCTIONAL DESIGN

NOTE: PRELIMINARY ALIGNMENTS SUBJECT TO CHANGE

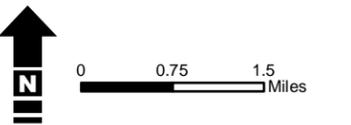
Fig-6_PrelimCorridorSegsRetained.mxd AKH 4.17.09

Figure 2-6b



- Legend**
- Study Area Boundary
 - Refined Study Area Boundary for New Location Alternatives
 - Potential Interchanges
 - Potential Interchanges Eliminated
 - Segments Retained for Detailed Study
 - Segment Eliminated from Study
 - Segment Breaklines
 - West Blvd Realignment (Construction by Airport)
 - Schools
 - ▨ Land Conservancy
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - ▨ Natural Heritage Program Occ. Areas
 - NC Clean Air Project
 - Parks
 - Private Recreation Facilities and Attractions
 - State Complexes
 - County Lines
 - State Line
 - Interstates
 - US Routes
 - Streets
 - Railroad
 - Hydrography
 - City Limits

Source: Gaston County and Mecklenburg County GIS Map printed April 2009.



STIP PROJECT NO. U-3321

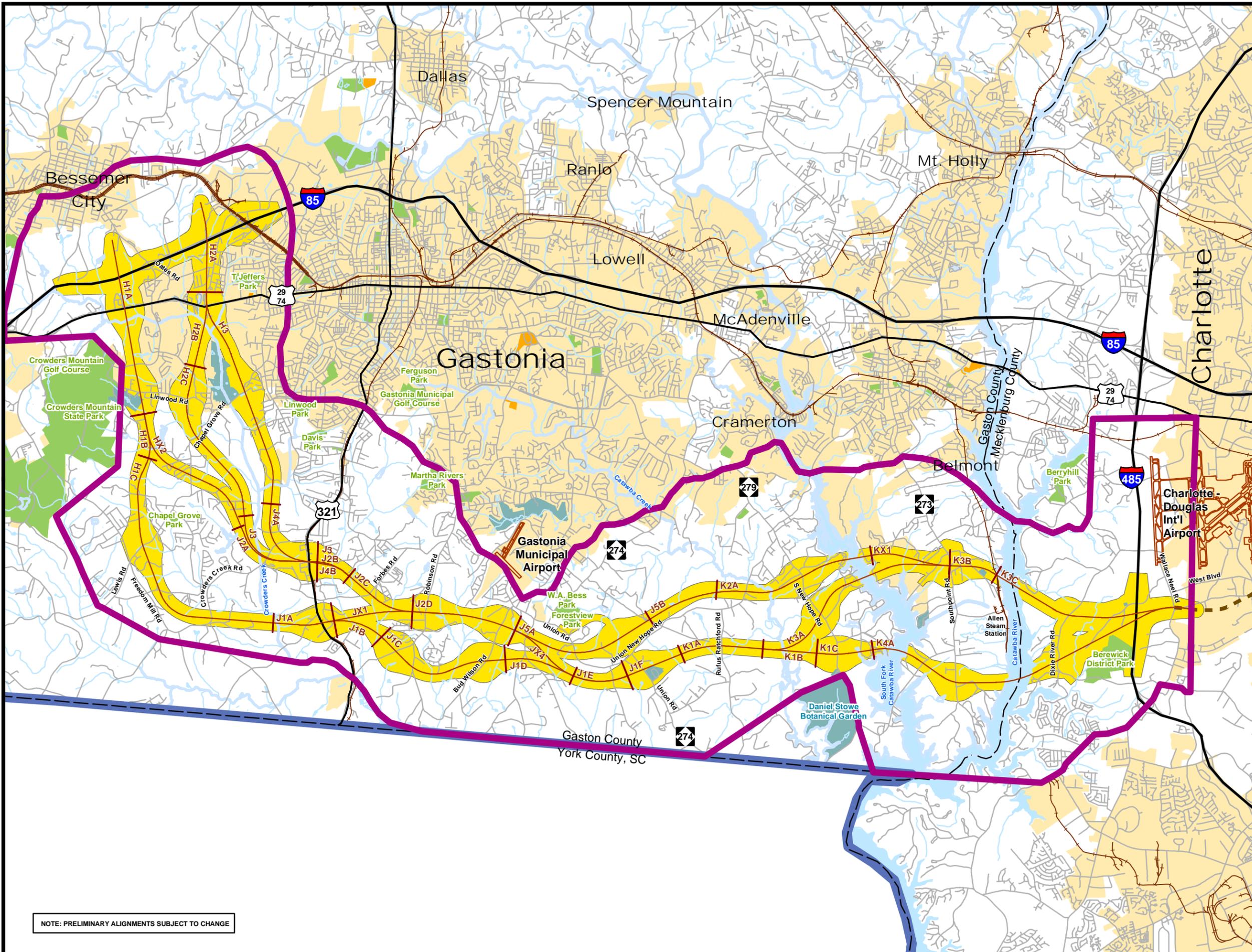
Gaston County and Mecklenburg County

GASTON EAST-WEST CONNECTOR

FUNCTIONAL DESIGN CORRIDORS

NOTE: PRELIMINARY ALIGNMENTS SUBJECT TO CHANGE

Figure 2-7



- Legend**
- Refined Study Area Boundary for New Location Alternatives
 - Design Centerline
 - Segment Breaks
 - Detailed Study Alternatives
 - West Blvd Realignment (Construction by Airport)
 - Parks
 - Private Recreation Facilities and Attractions
 - State Complexes
 - County Lines
 - State Line
 - Interstates
 - US Routes
 - Streets
 - Railroad
 - Hydrography
 - City Limits

Source: Gaston County and Mecklenburg County GIS Map printed April 2009.



STIP PROJECT NO. U-3321
Gaston County and Mecklenburg County

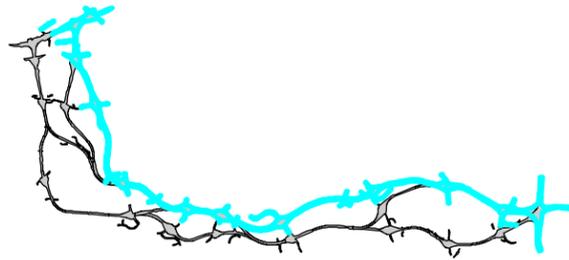
GASTON EAST-WEST CONNECTOR

DETAILED STUDY ALTERNATIVES

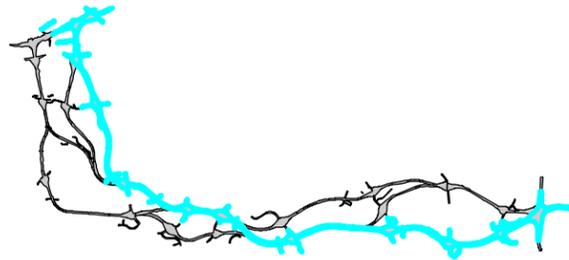
Figure 2-8a

NOTE: PRELIMINARY ALIGNMENTS SUBJECT TO CHANGE

Alternative 4



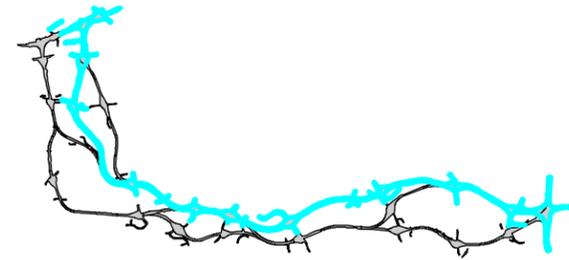
Alternative 5



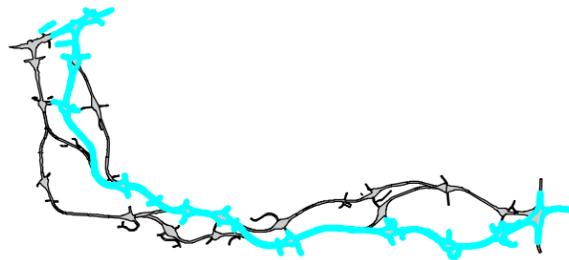
Alternative 9



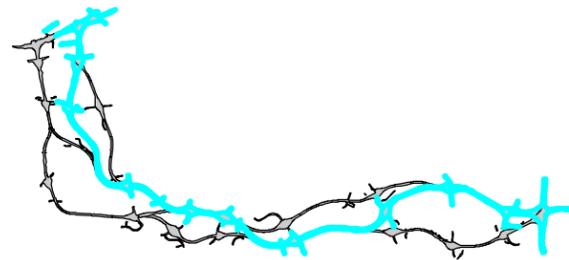
Alternative 22



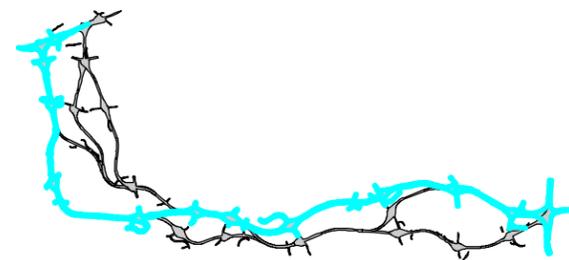
Alternative 23



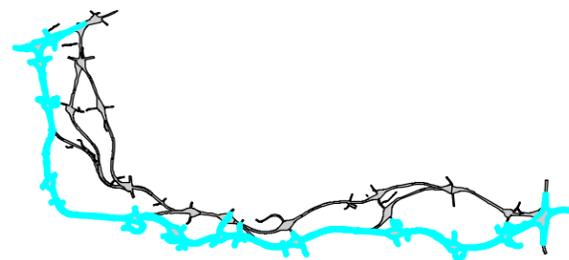
Alternative 27



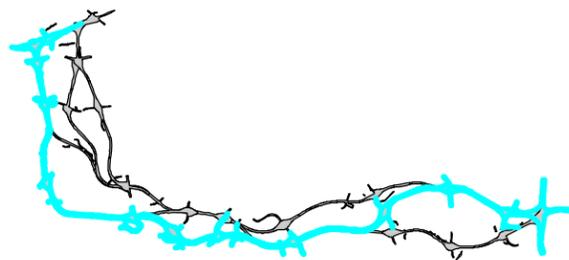
Alternative 58



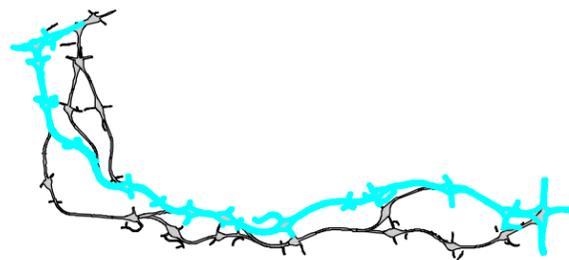
Alternative 64



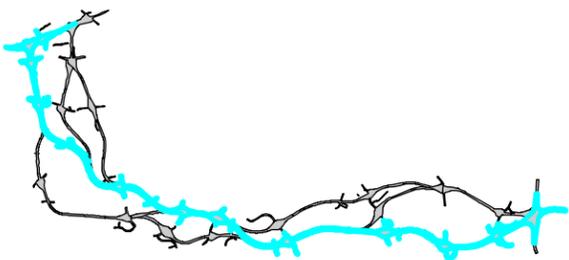
Alternative 68



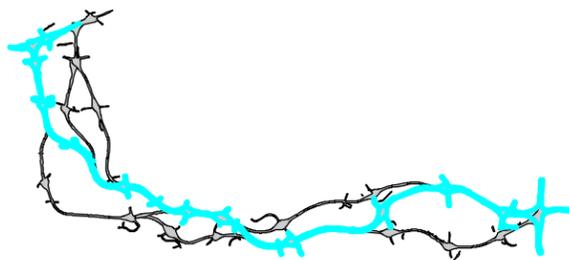
Alternative 76



Alternative 77



Alternative 81



Legend

-  Design Right-of-Way
-  Corridor Segments Comprising Each Detailed Study Alternative

Source: Gaston County and Mecklenburg Counties GIS. Map printed April 2009.



0 5,000 10,000
Feet



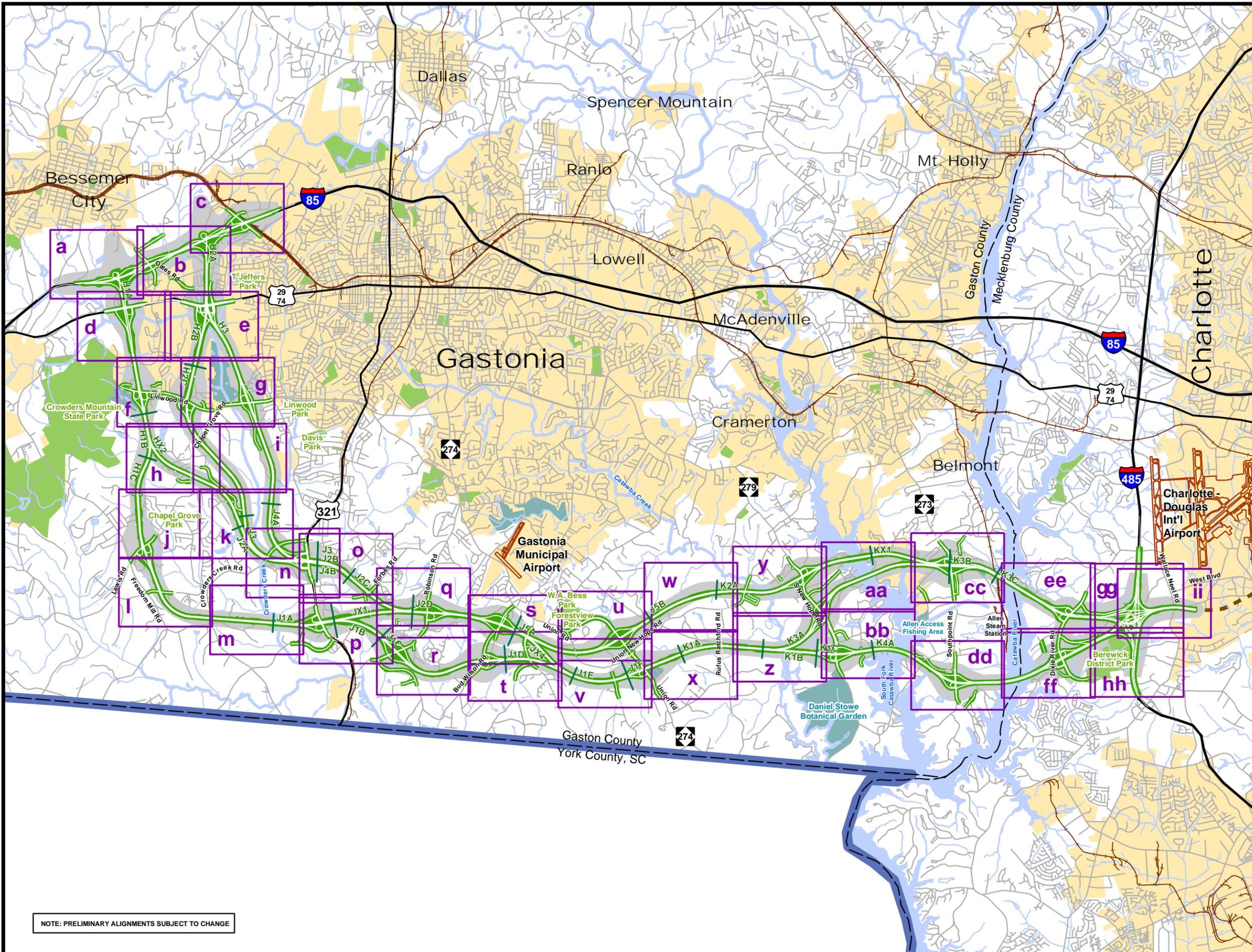
STIP PROJECT
NO. U-3321

Gaston County and
Mecklenburg County

**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES**

Figure 2-8b



- Legend**
- MapGrid
 - Segment Breaks
 - Right of Way
 - Preliminary Road Design
 - Detailed Study Alternatives
 - West Blvd Realignment (Construction by Airport)
 - Parks
 - Private Recreation Facilities and Attractions
 - County Lines
 - State Line
 - Interstates
 - US Routes
 - Streets
 - Railroad
 - Hydrology
 - City Limits

Source: Gaston County and Mecklenburg County GIS Map printed April 2009.



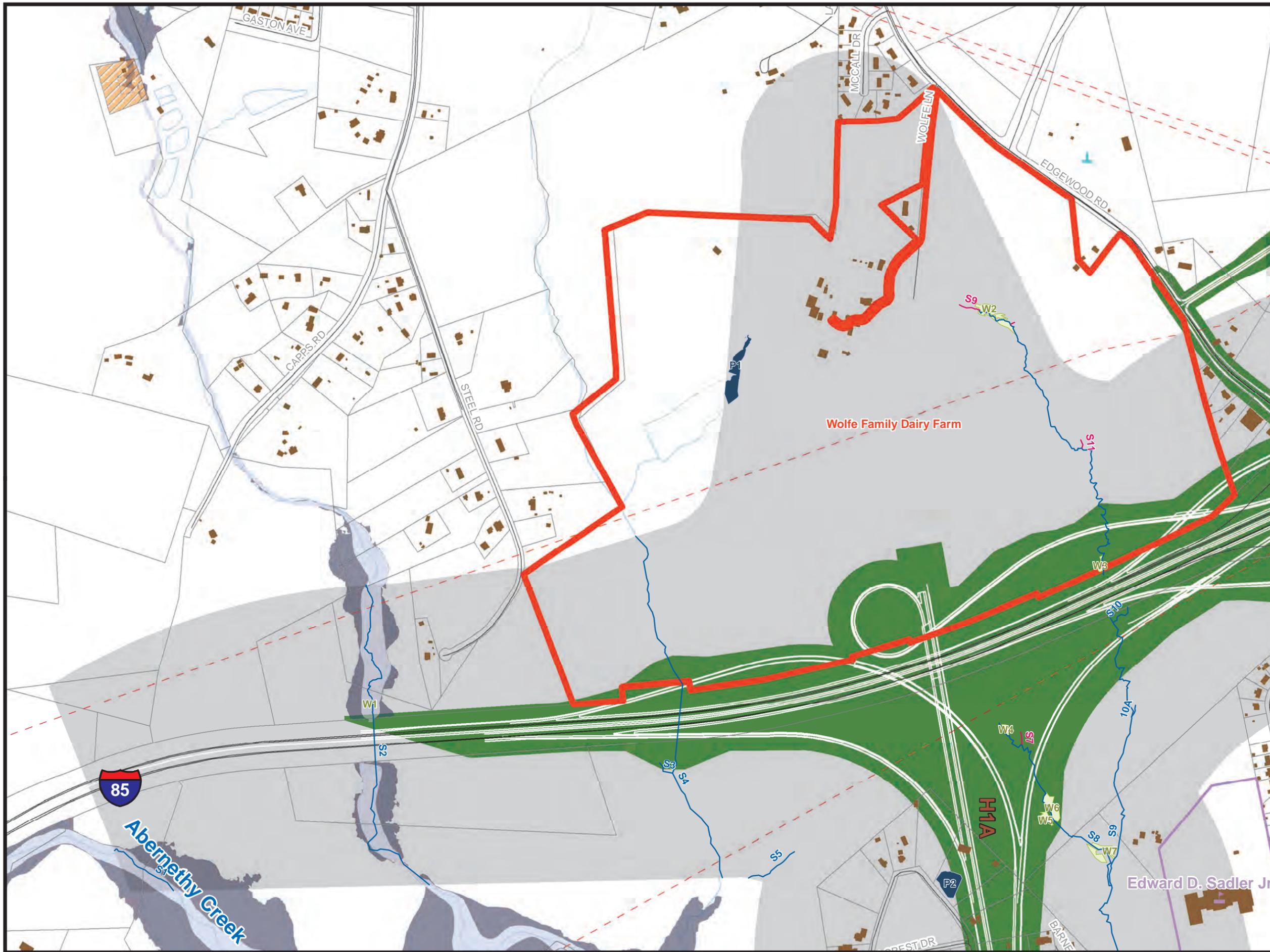
STIP PROJECT NO. U-3321
 Gaston County and Mecklenburg County

GASTON EAST-WEST CONNECTOR

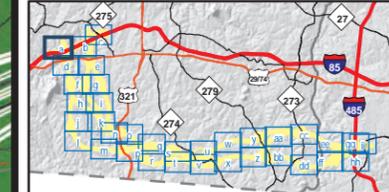
DETAILED STUDY ALTERNATIVES PRELIMINARY DESIGNS

Figure 2-9 Index

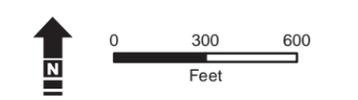
NOTE: PRELIMINARY ALIGNMENTS SUBJECT TO CHANGE



- Legend**
- Preliminary Road Design
 - █ Right of Way
 - Segment Breaks
 - Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - Cemeteries
 - Churches in DSA
 - Fire Stations
 - Hospitals/Medical Services
 - Libraries
 - Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.



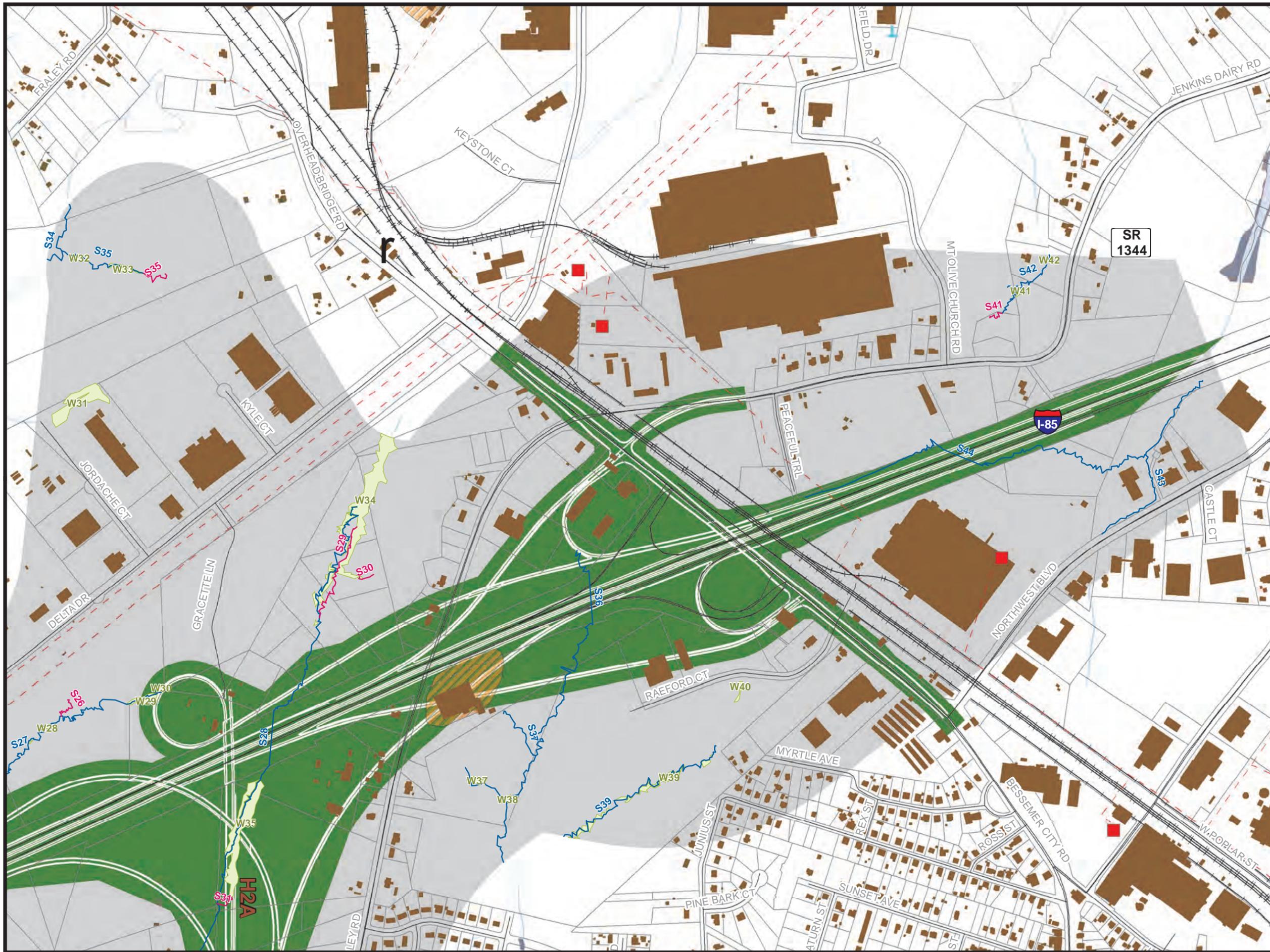
STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

**GASTON EAST-WEST
CONNECTOR**

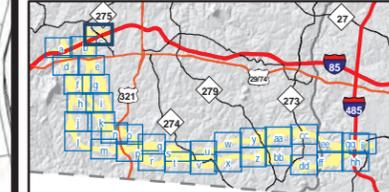
**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

Figure 2-9 a

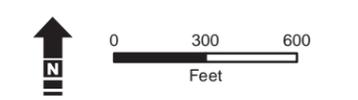
Edward D. Sadler Jr.



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - Cemeteries
 - Churches in DSA
 - Fire Stations
 - Hospitals/Medical Services
 - Libraries
 - Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.



STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

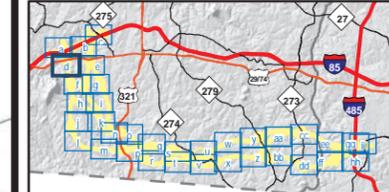
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

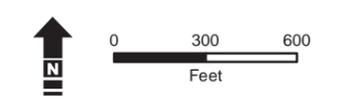
Figure 2-9 c



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - Cemeteries
 - Churches in DSA
 - Fire Stations
 - Hospitals/Medical Services
 - Libraries
 - Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties Map printed April 2009.

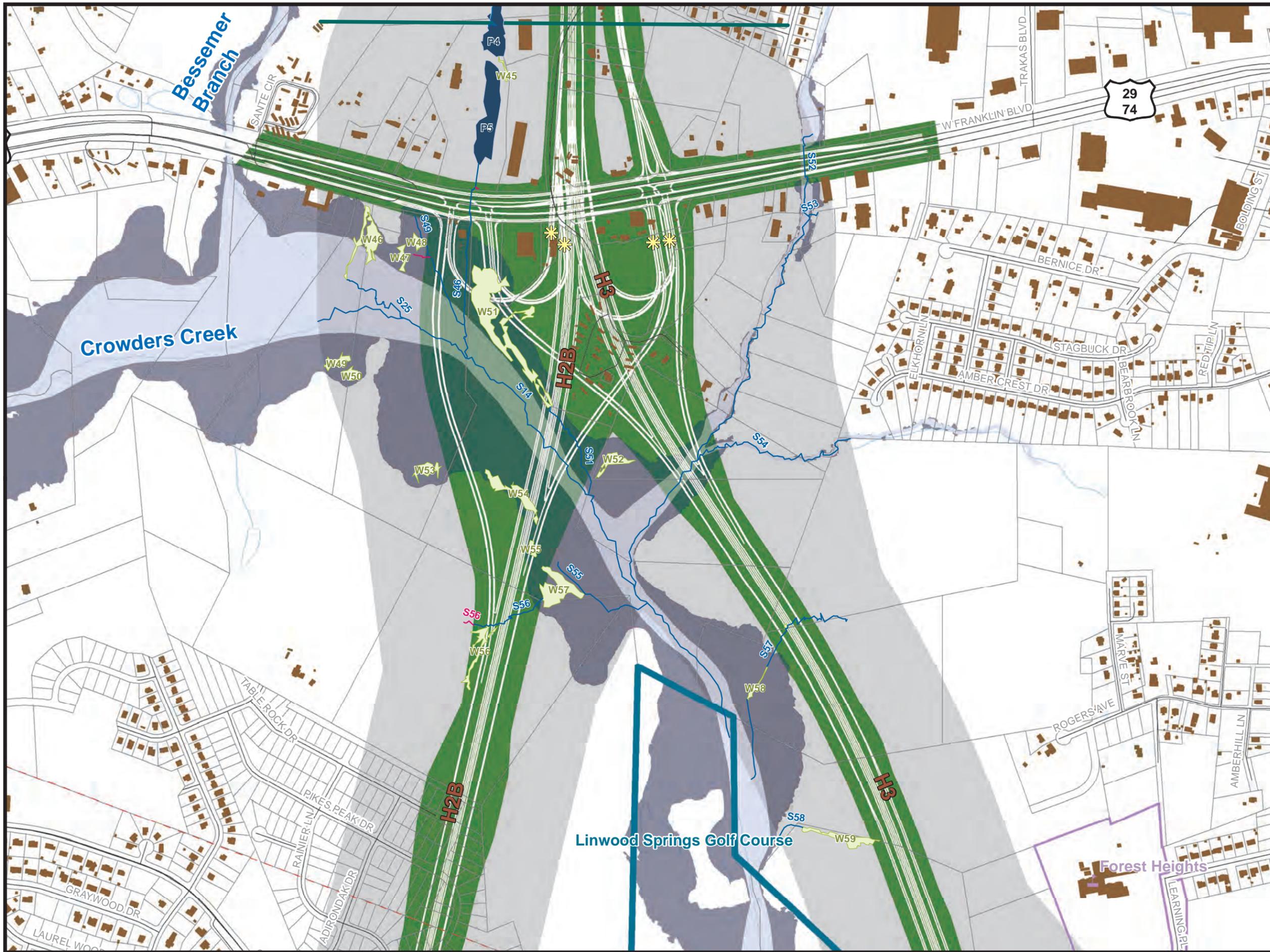


STIP PROJECT NO. U-3321
Gaston County and Mecklenburg County

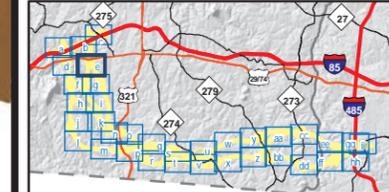
GASTON EAST-WEST CONNECTOR

DETAILED STUDY ALTERNATIVES PRELIMINARY DESIGNS

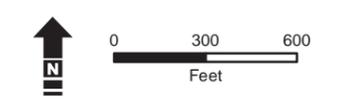
Figure 2-9 d



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - ⊥ Cemeteries
 - ⊥ Churches in DSA
 - ⬮ Fire Stations
 - Hospitals/Medical Services
 - Libraries
 - ⊥ Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.

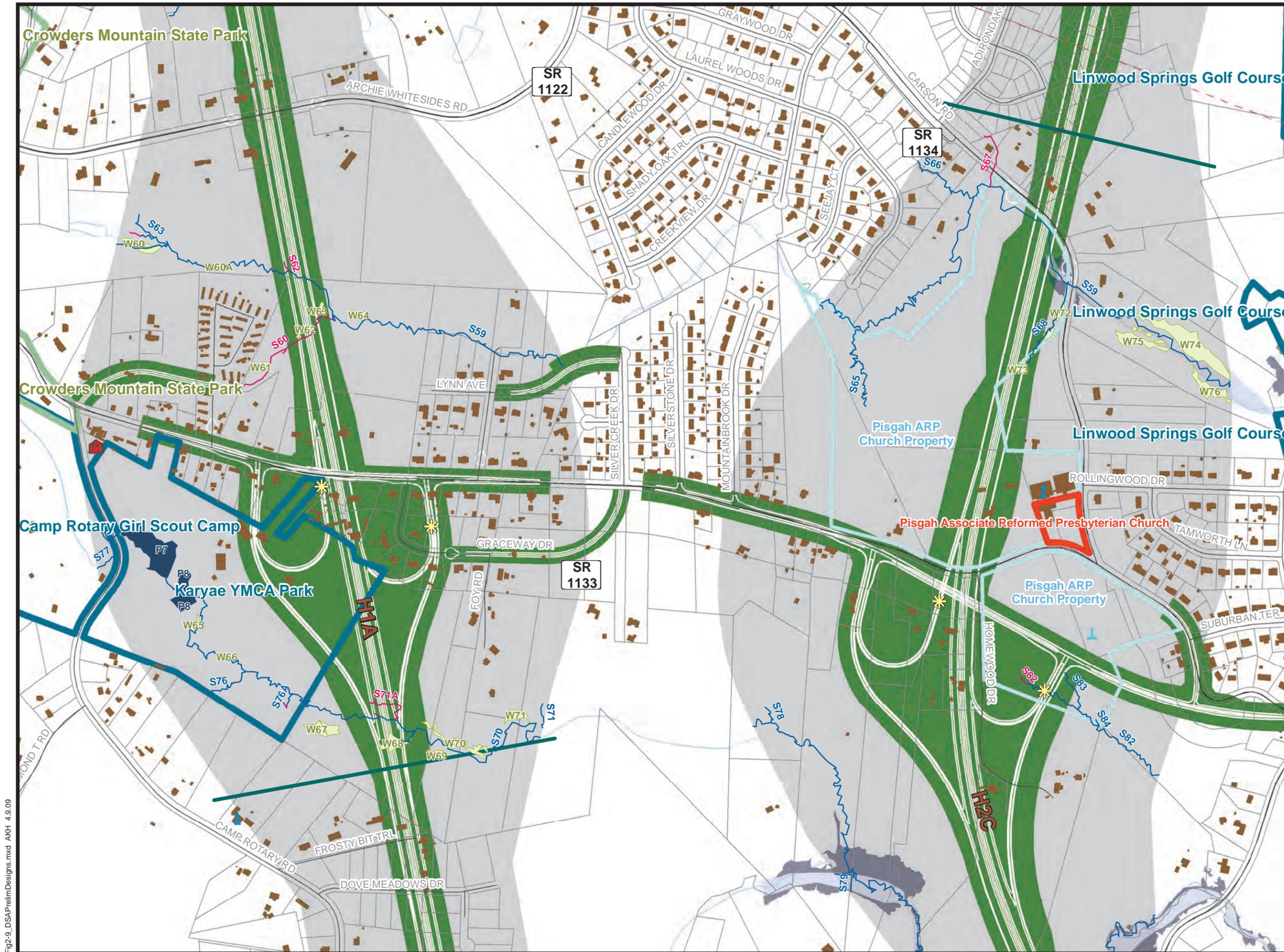


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

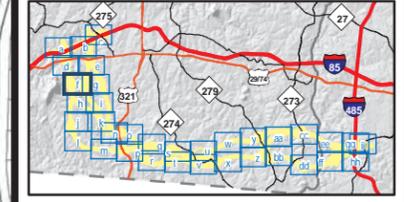
GASTON EAST-WEST
CONNECTOR

DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS

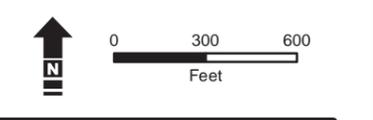
Figure 2-9 e



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - ⊥ Cemeteries
 - ⊥ Churches in DSA
 - ⬮ Fire Stations
 - ⚪ Hospitals/Medical Services
 - ⚪ Libraries
 - ⚪ Schools
 - ⚪ School Property
 - ⬮ Structures
 - ⬮ Historic Sites on/eligible NRHP
 - ⬮ Natural Heritage Occurrence Sites
 - ⬮ Natural Heritage Program Occ. Areas
 - ⬮ Superfund Sites
 - ⬮ Parks
 - ⬮ Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - ⬮ Substations
 - Parcels
 - Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties Map printed April 2009.

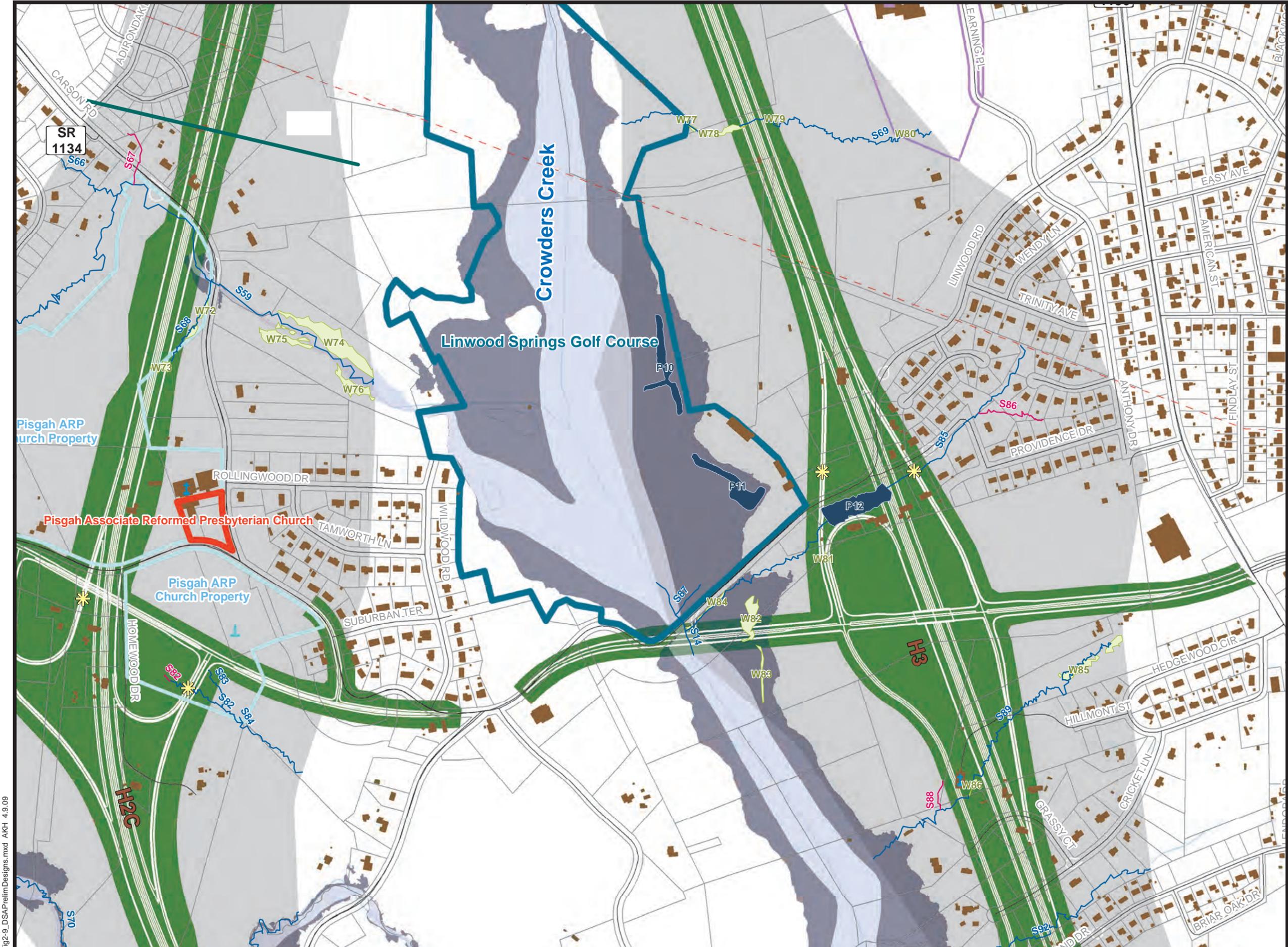


STIP PROJECT NO. U-3321
Gaston County and Mecklenburg County

GASTON EAST-WEST CONNECTOR

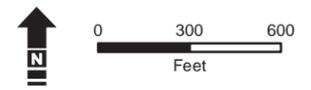
DETAILED STUDY ALTERNATIVES PRELIMINARY DESIGNS

Figure 2-9 f



- Legend**
- Preliminary Road Design
 - ▬ Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - ⊥ Cemeteries
 - ⊥ Churches in DSA
 - ⬮ Fire Stations
 - ⚪ Hospitals/Medical Services
 - ⚪ Libraries
 - ⚪ Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - Rail/Roads
 - Streets
 - Segment Name

Source: Gaston and Mecklenburg Counties
Map printed April 2009.



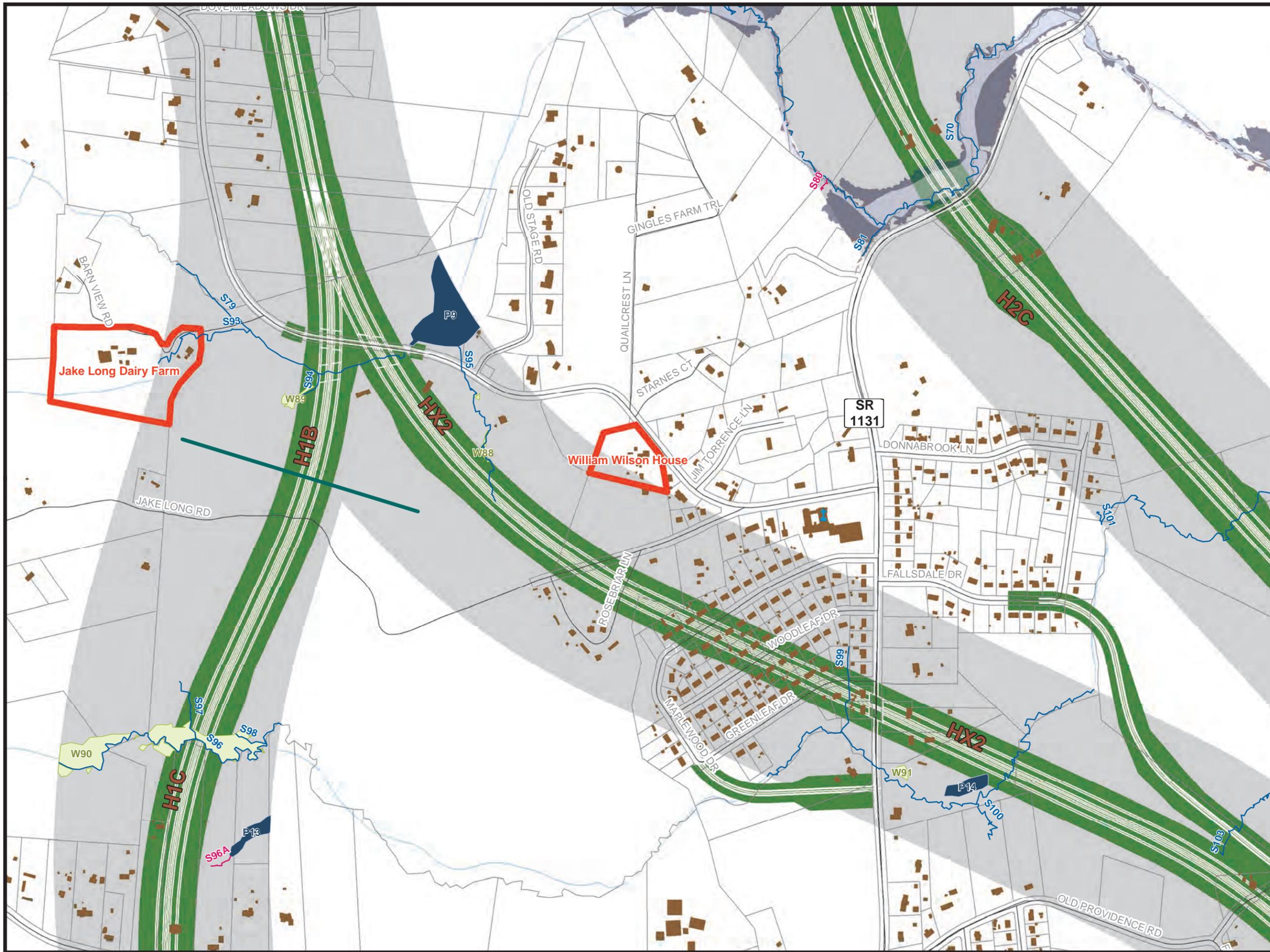
STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

**GASTON EAST-WEST
CONNECTOR**

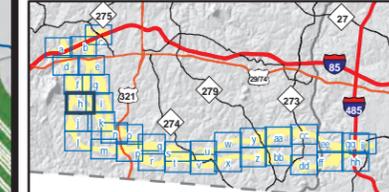
**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

Figure 2-9 g

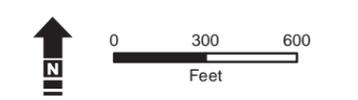
Fig2-9_DSA Prelim Designs.mxd AKH 4.9.09



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - + Cemeteries
 - + Churches in DSA
 - + Fire Stations
 - + Hospitals/Medical Services
 - + Libraries
 - + Schools
 - School Property
 - + Structures
 - + Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.

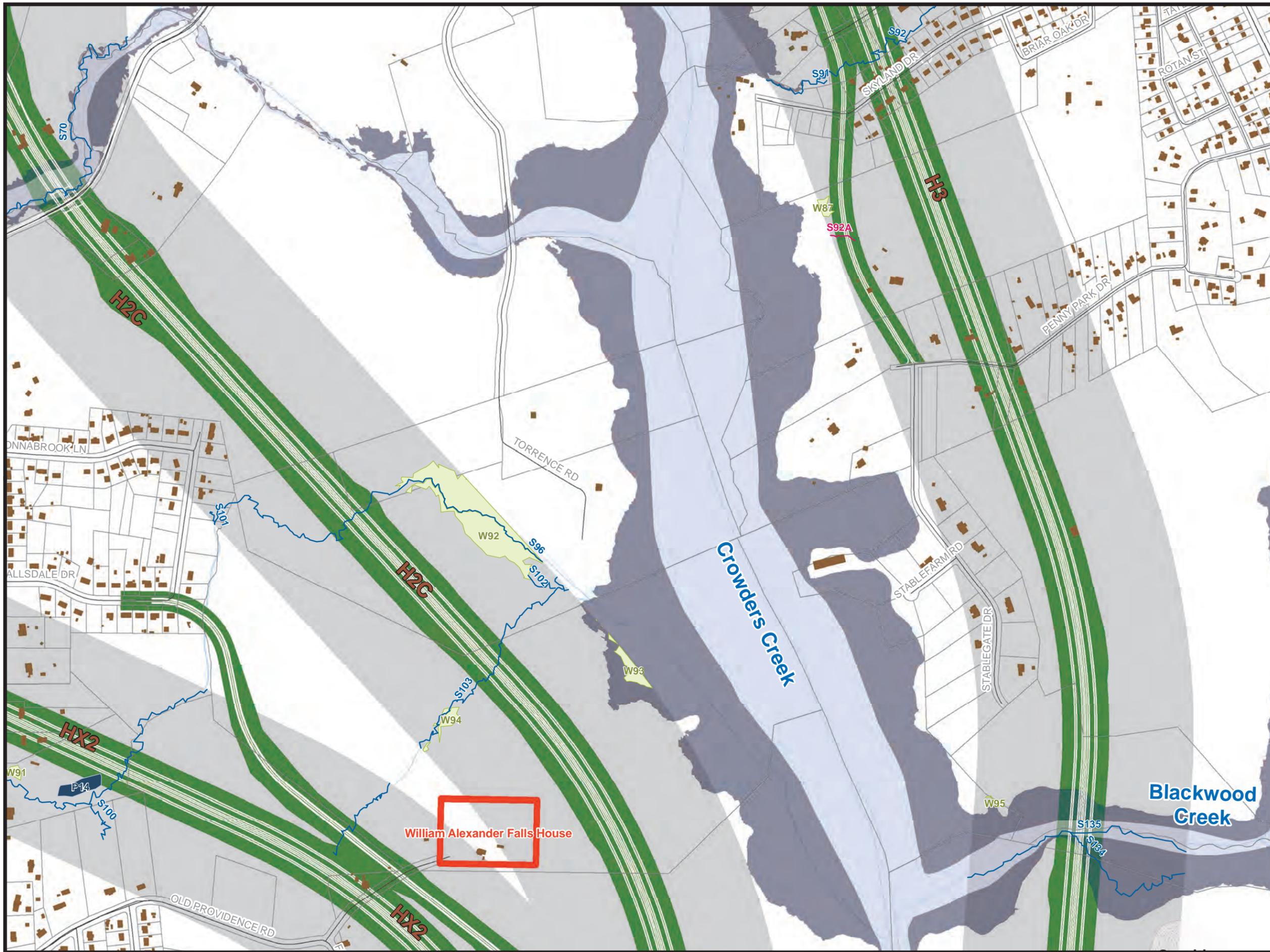


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

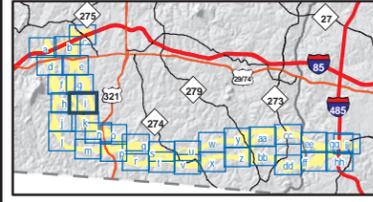
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

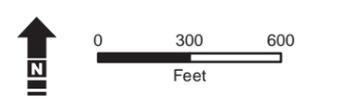
Figure 2-9 h



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - Cemeteries
 - Churches in DSA
 - Fire Stations
 - Hospitals/Medical Services
 - Libraries
 - Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties Map printed April 2009.



STIP PROJECT NO. U-3321
Gaston County and Mecklenburg County

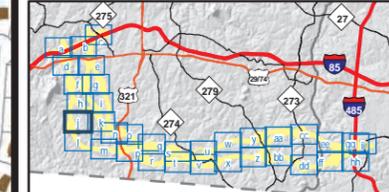
GASTON EAST-WEST CONNECTOR

DETAILED STUDY ALTERNATIVES PRELIMINARY DESIGNS

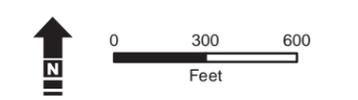
Figure 2-9 i



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✱ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - ⊥ Cemeteries
 - ⊥ Churches in DSA
 - ⬮ Fire Stations
 - ⚪ Hospitals/Medical Services
 - ⚪ Libraries
 - ⚪ Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.

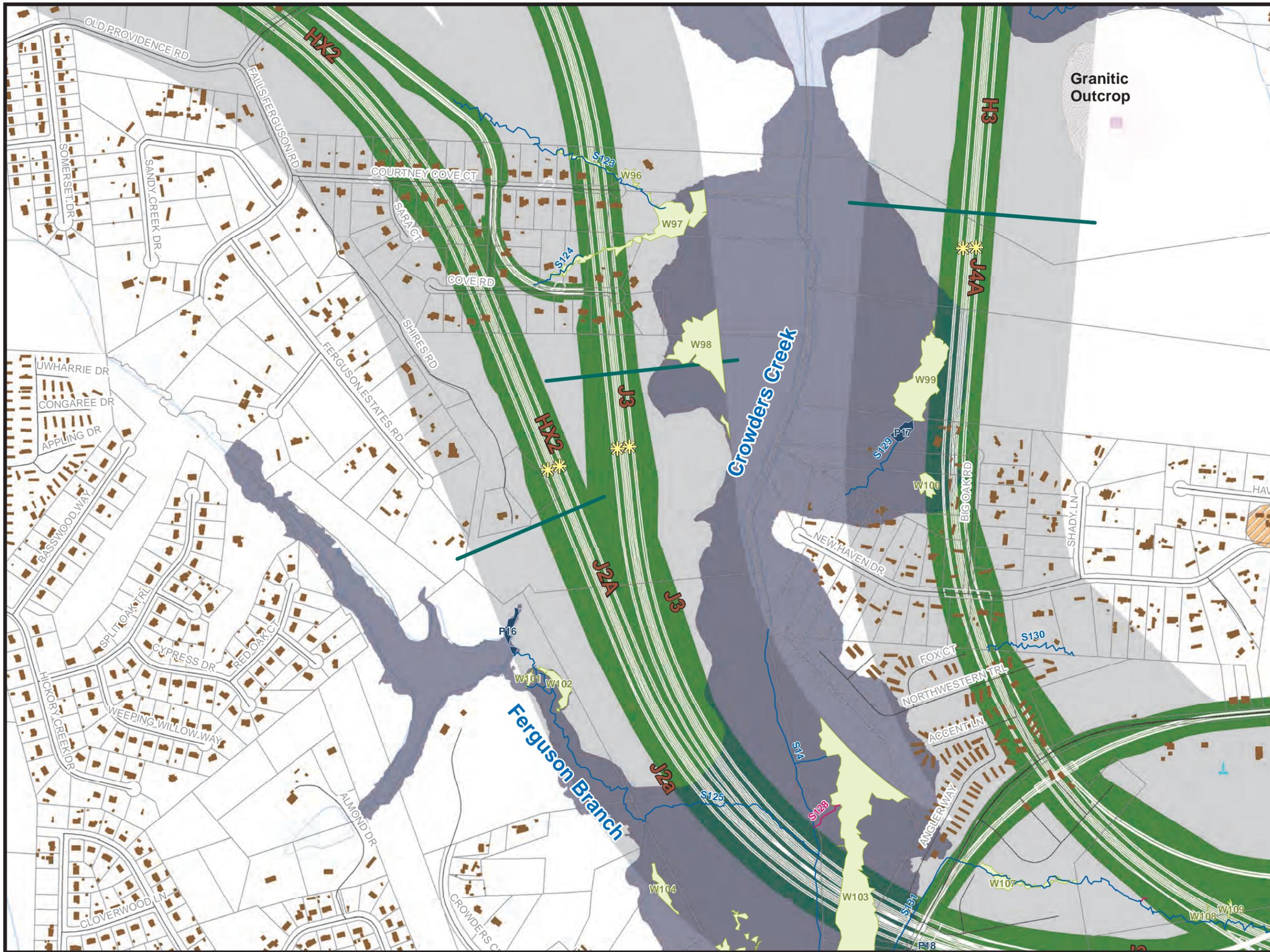


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

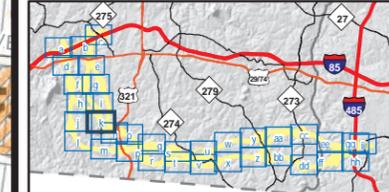
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

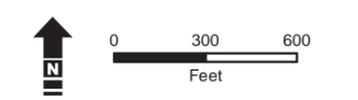
Figure 2-9 j



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - + Cemeteries
 - + Churches in DSA
 - + Fire Stations
 - + Hospitals/Medical Services
 - + Libraries
 - + Schools
 - School Property
 - + Structures
 - + Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - + Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - + Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.



STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

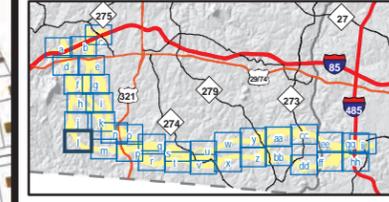
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

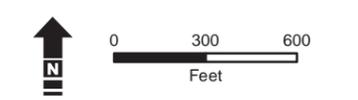
Figure 2-9 k



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - ⊥ Cemeteries
 - ⊥ Churches in DSA
 - ⬮ Fire Stations
 - ⚪ Hospitals/Medical Services
 - ⚪ Libraries
 - ⚪ Schools
 - School Property
 - ⬮ Structures
 - ⬮ Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - ⬮ Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties Map printed April 2009.

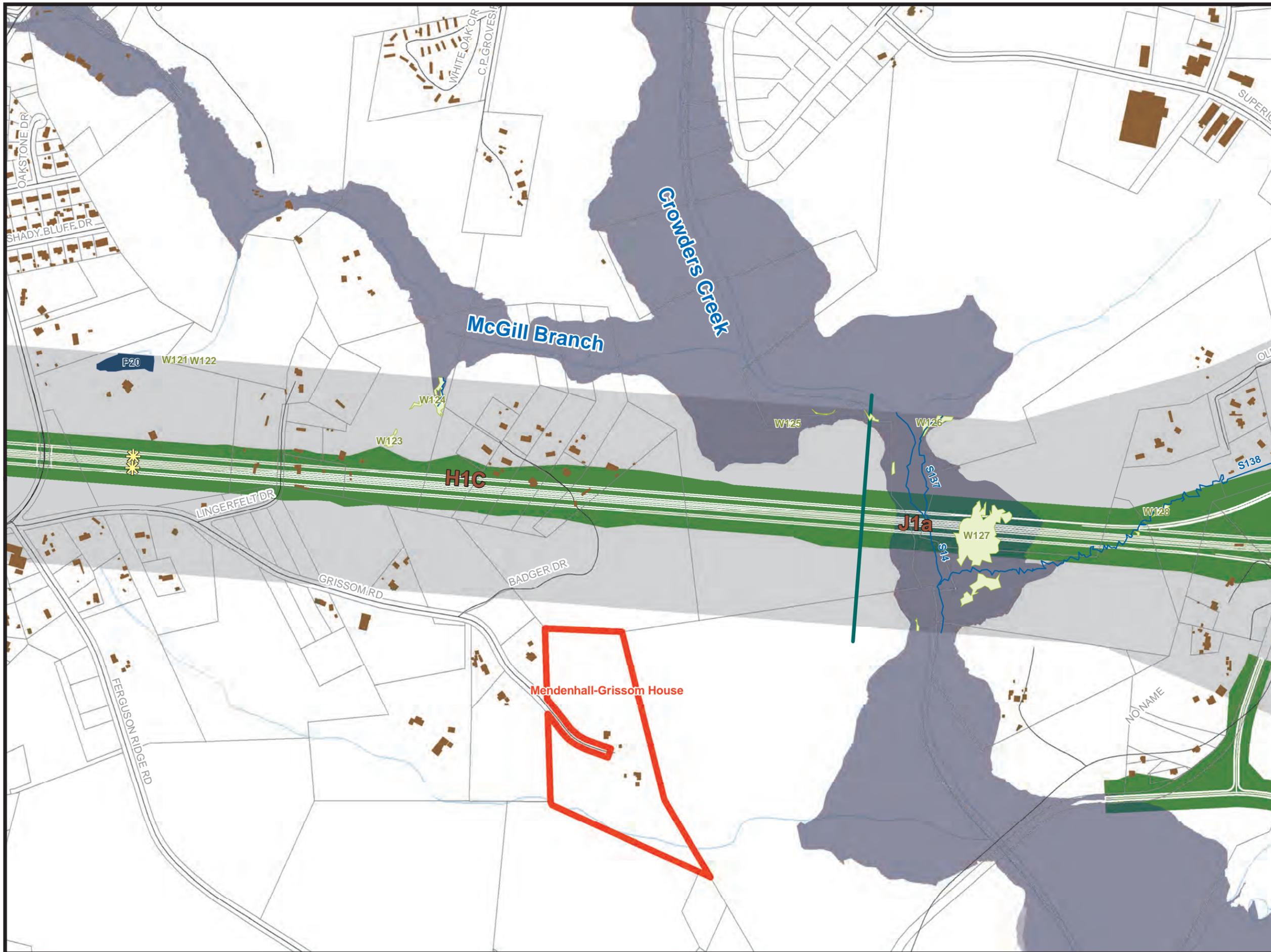


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

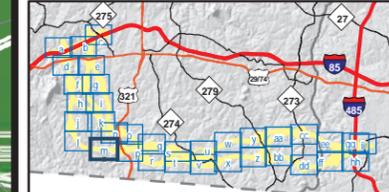
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

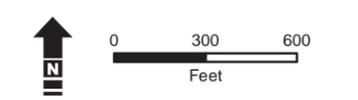
Figure 2-9I



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - Cemeteries
 - Churches in DSA
 - Fire Stations
 - Hospitals/Medical Services
 - Libraries
 - Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties Map printed April 2009.

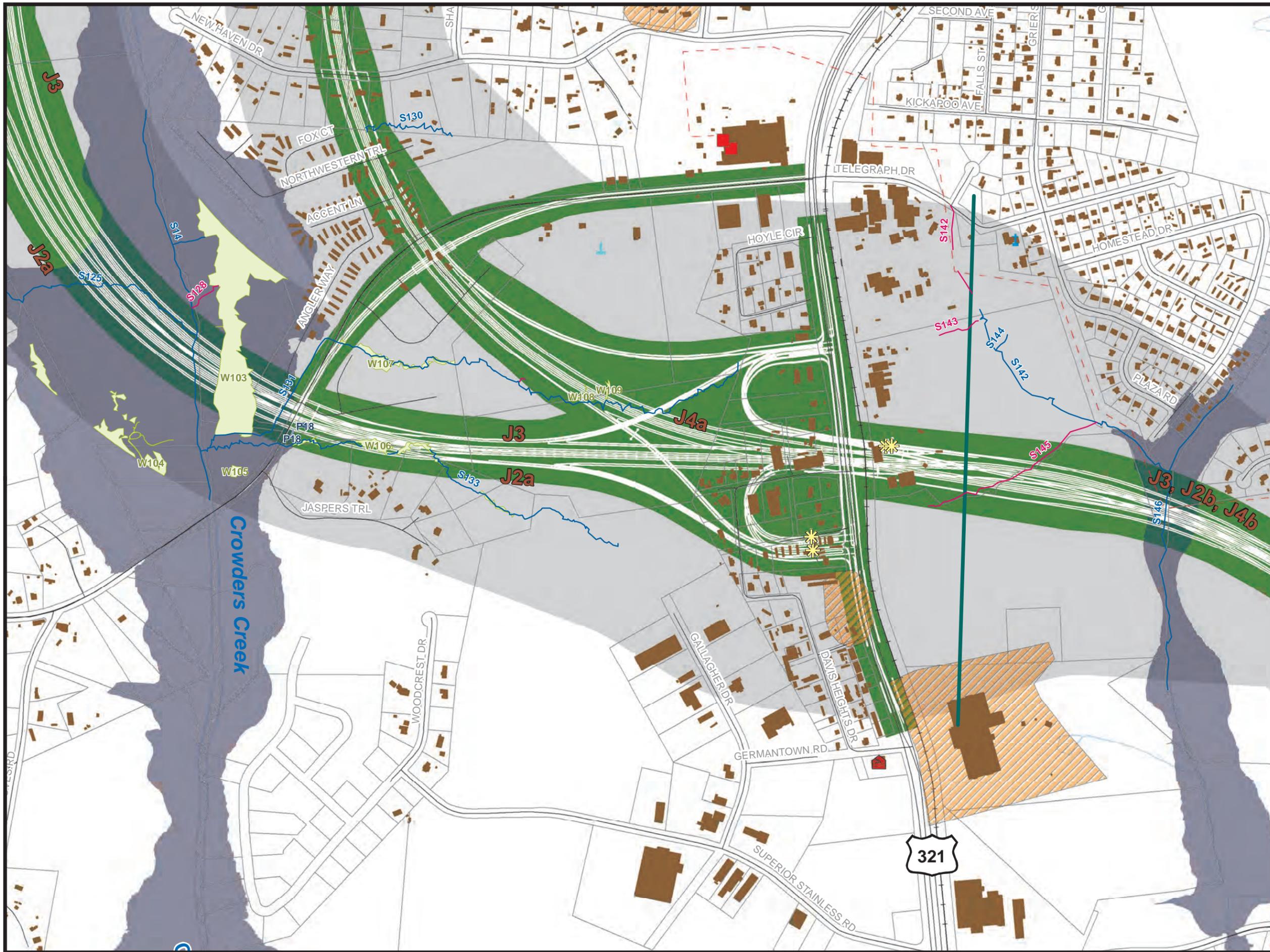


STIP PROJECT NO. U-3321
Gaston County and Mecklenburg County

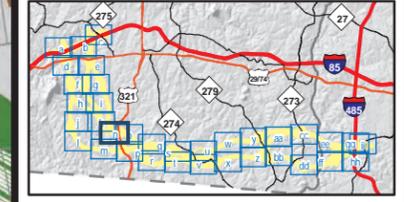
GASTON EAST-WEST CONNECTOR

DETAILED STUDY ALTERNATIVES PRELIMINARY DESIGNS

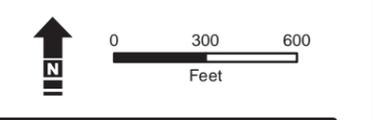
Figure 2-9 m



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - Cemeteries
 - Churches in DSA
 - Fire Stations
 - Hospitals/Medical Services
 - Libraries
 - Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - Rail/Roads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.

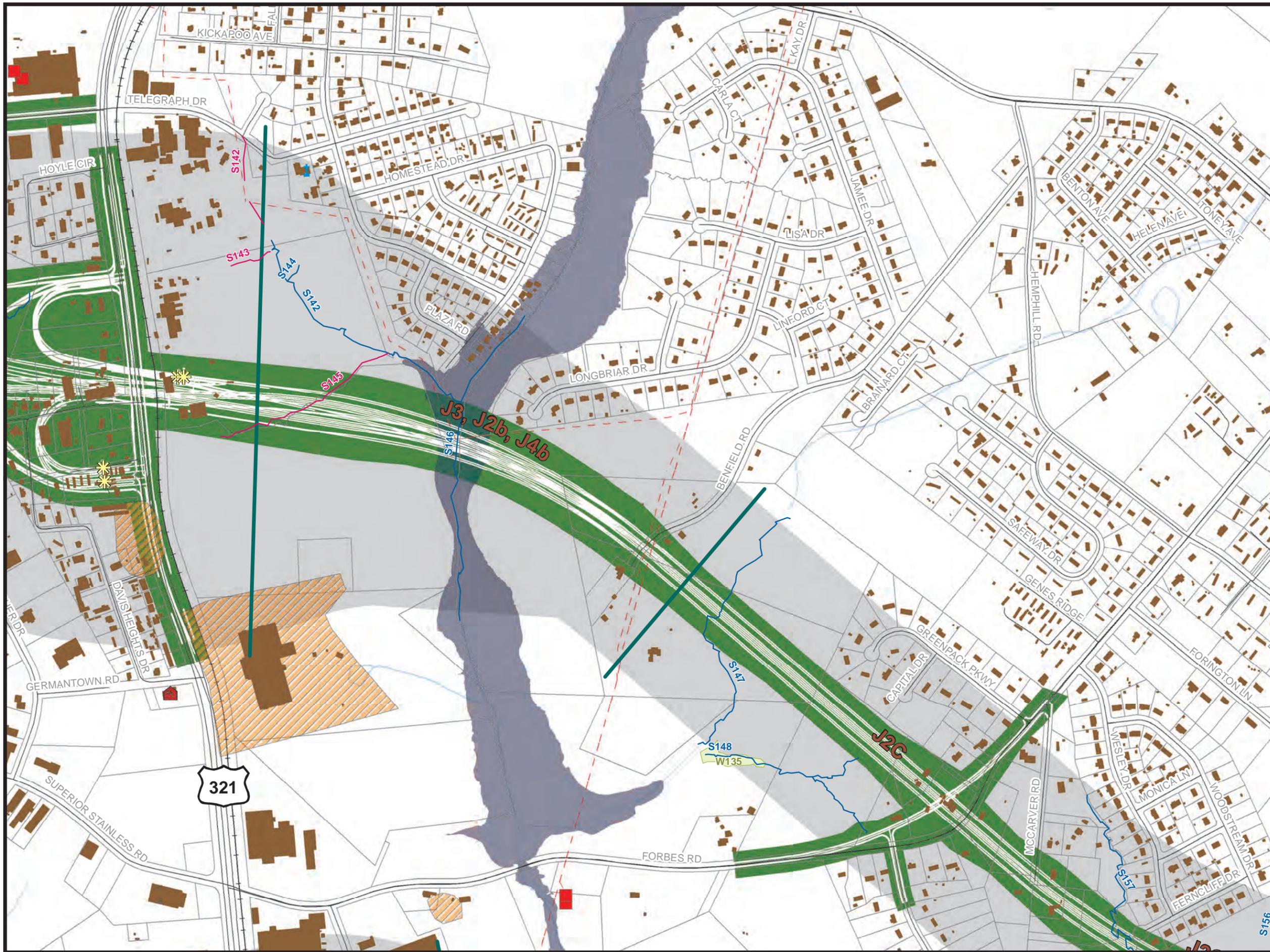


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

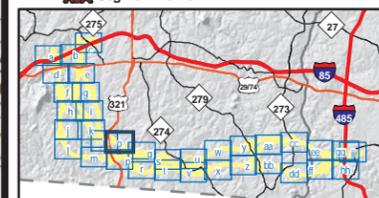
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

Figure 2-9 n



- Legend**
- Preliminary Road Design
 - ▬ Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - ⊥ Cemeteries
 - ⊥ Churches in DSA
 - 🏠 Fire Stations
 - 🏥 Hospitals/Medical Services
 - 📖 Libraries
 - 🎓 Schools
 - School Property
 - 🏠 Structures
 - 🏠 Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - 🏖️ Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - 🏠 Substations
 - Parcels
 - Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.

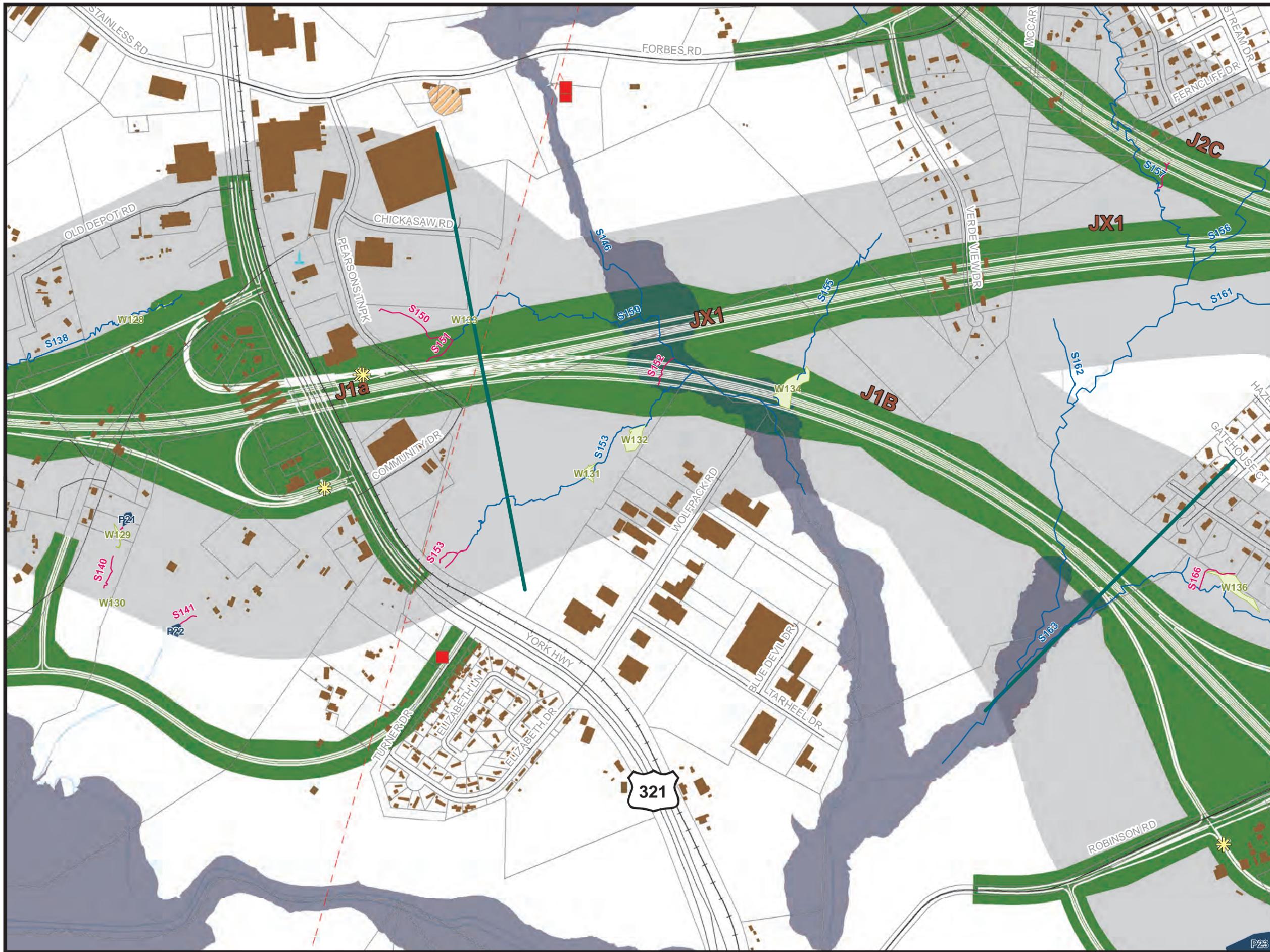


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

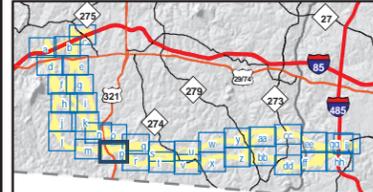
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

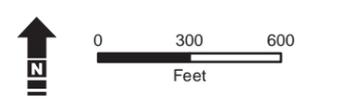
Figure 2-9 o



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - ⊥ Cemeteries
 - ⊥ Churches in DSA
 - ⬮ Fire Stations
 - ⚪ Hospitals/Medical Services
 - ⚪ Libraries
 - ⚪ Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties Map printed April 2009.

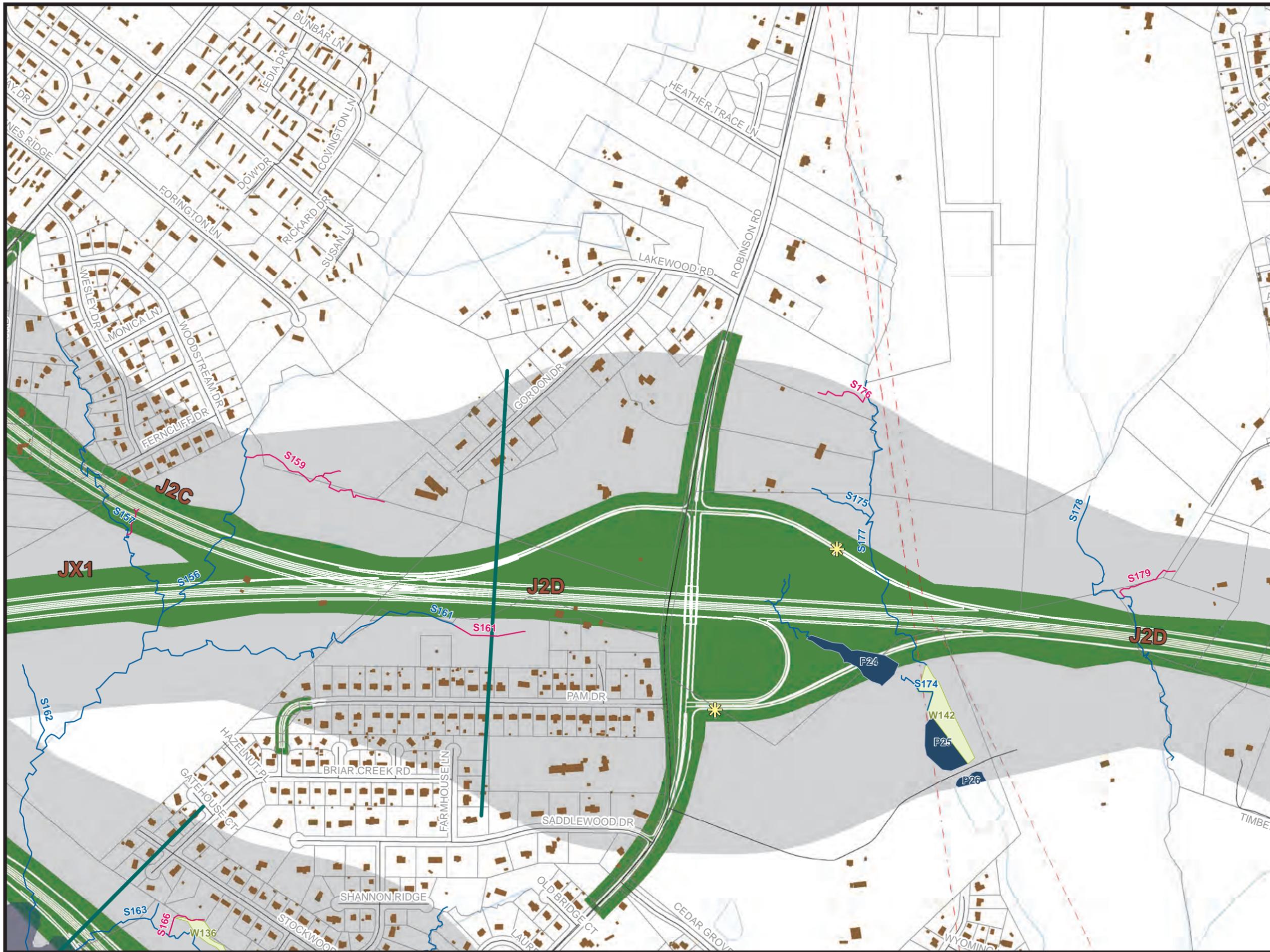


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

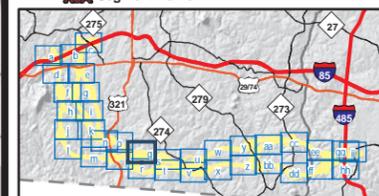
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

Figure 2-9 p



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - + Cemeteries
 - + Churches in DSA
 - + Fire Stations
 - + Hospitals/Medical Services
 - + Libraries
 - + Schools
 - School Property
 - + Structures
 - + Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - + Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.

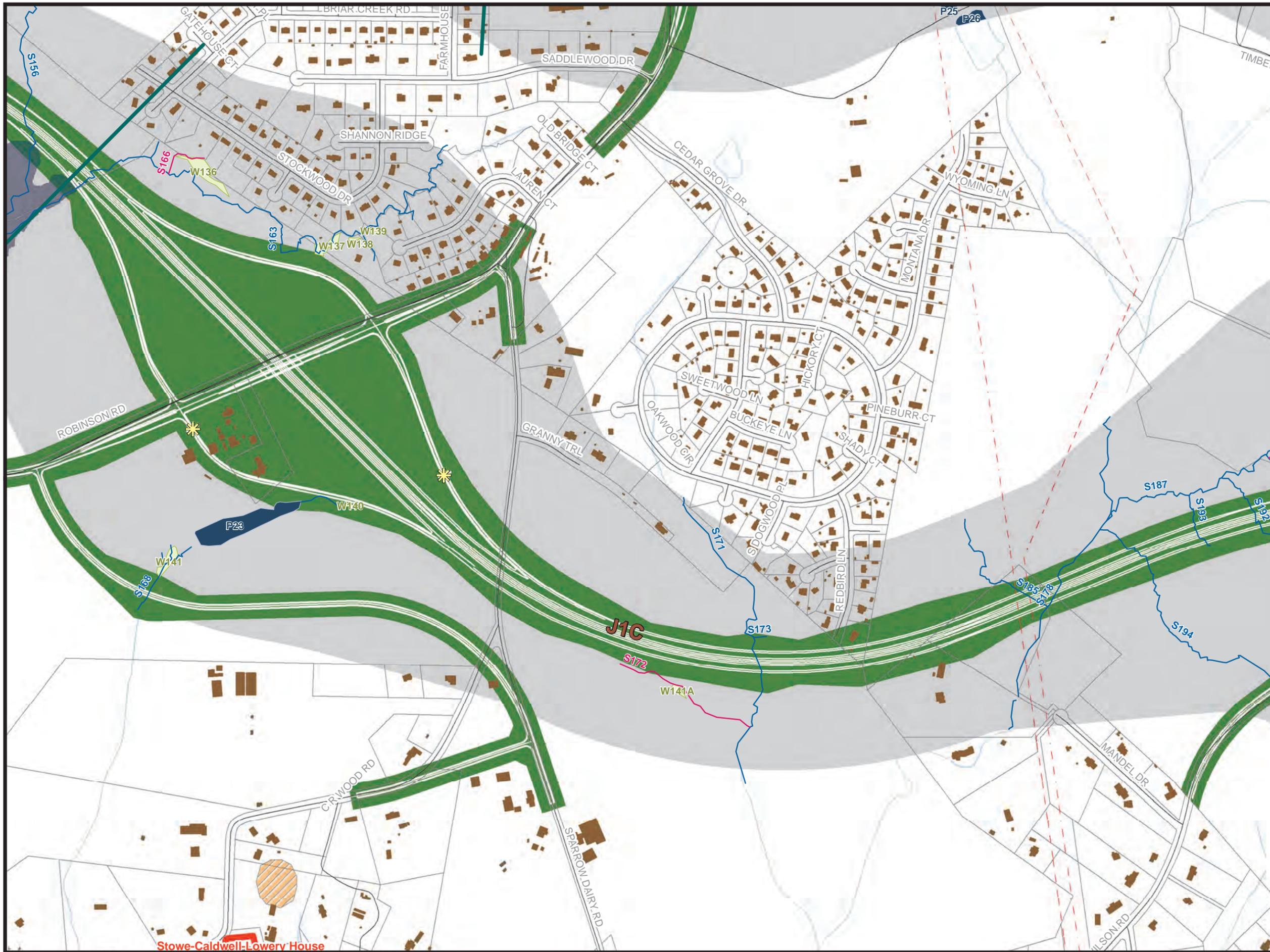


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

**GASTON EAST-WEST
CONNECTOR**

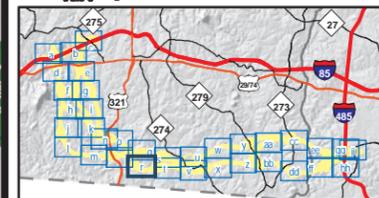
**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

Figure 2-9 q

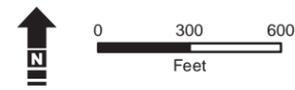


Stowe-Caldwell-Lowery House

- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✱ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - + Cemeteries
 - + Churches in DSA
 - + Fire Stations
 - + Hospitals/Medical Services
 - + Libraries
 - + Schools
 - School Property
 - + Structures
 - + Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties Map printed April 2009.

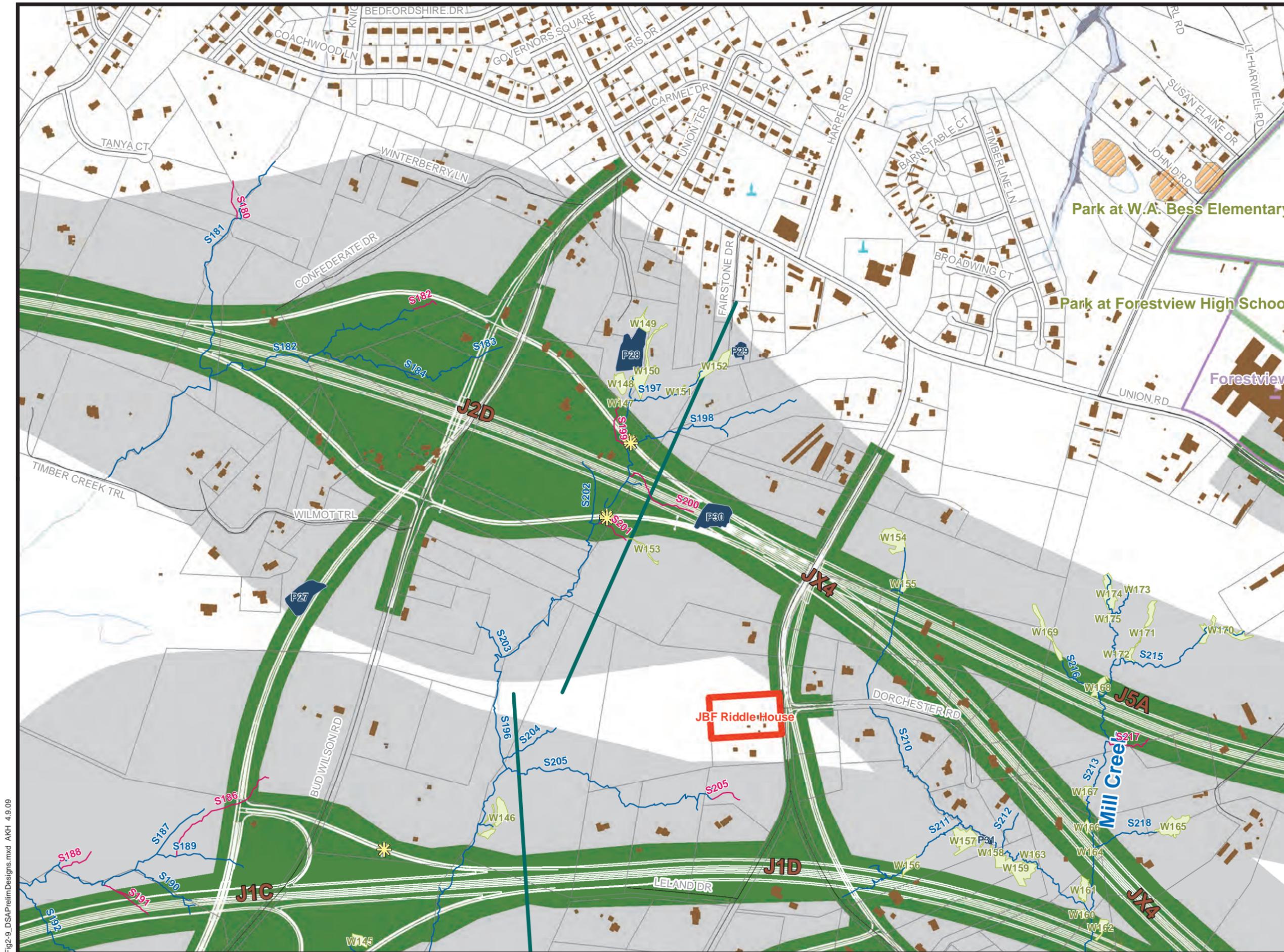


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

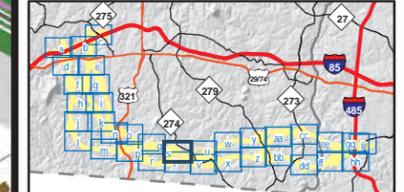
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

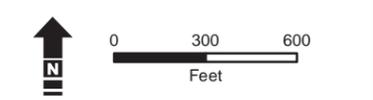
Figure 2-9 r



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - Cemeteries
 - Churches in DSA
 - Fire Stations
 - Hospitals/Medical Services
 - Libraries
 - Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.

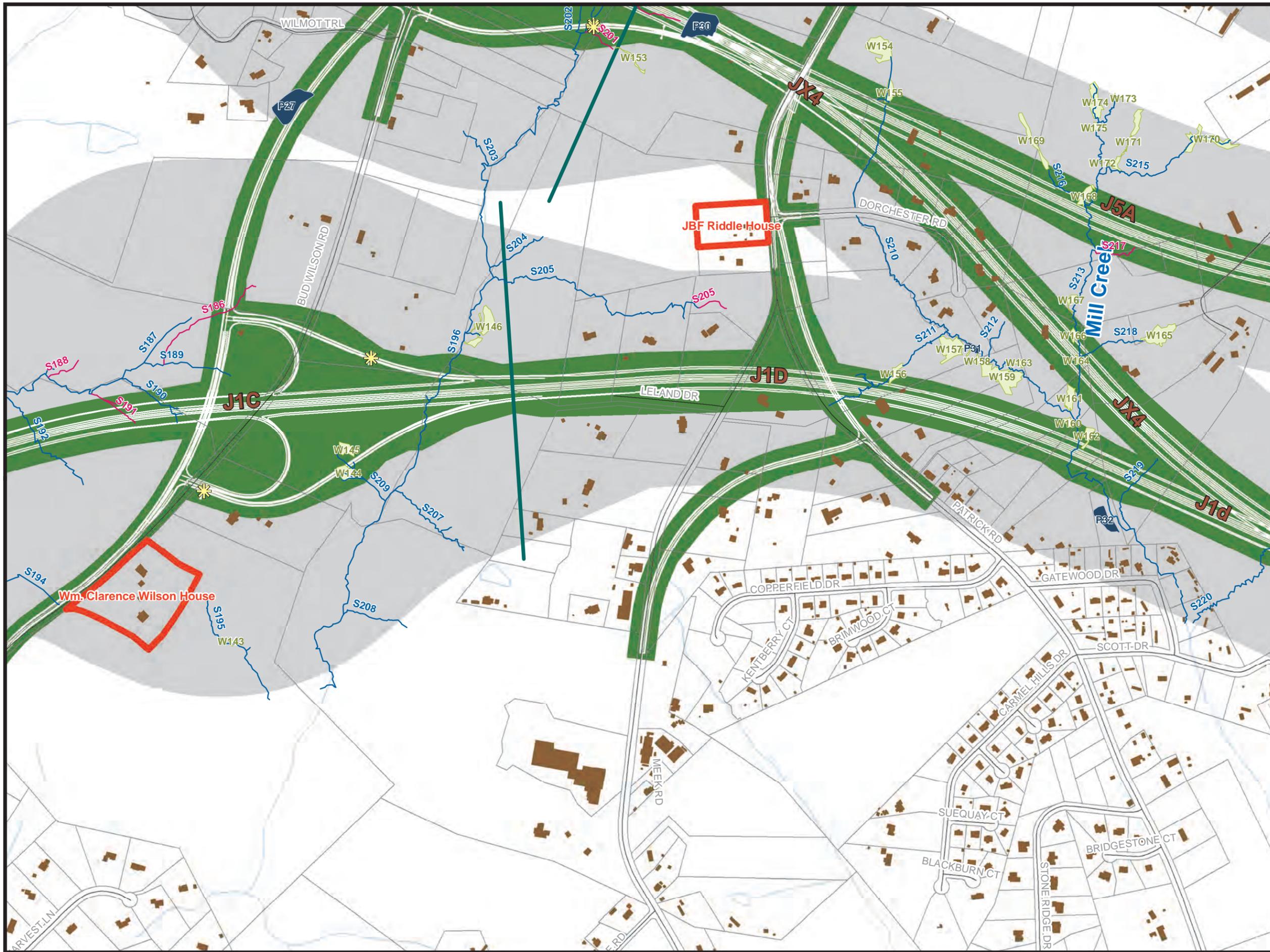


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

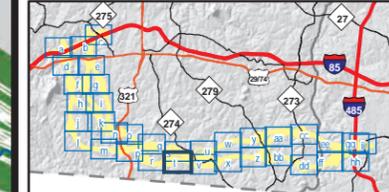
**GASTON EAST-WEST
CONNECTOR**
**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

Figure 2-9 s

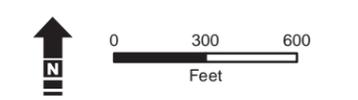
Fig2-9_DSA Prelim Designs.mxd AKH 4.9.09



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✱ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - + Cemeteries
 - + Churches in DSA
 - + Fire Stations
 - Hospitals/Medical Services
 - Libraries
 - + Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties Map printed April 2009.

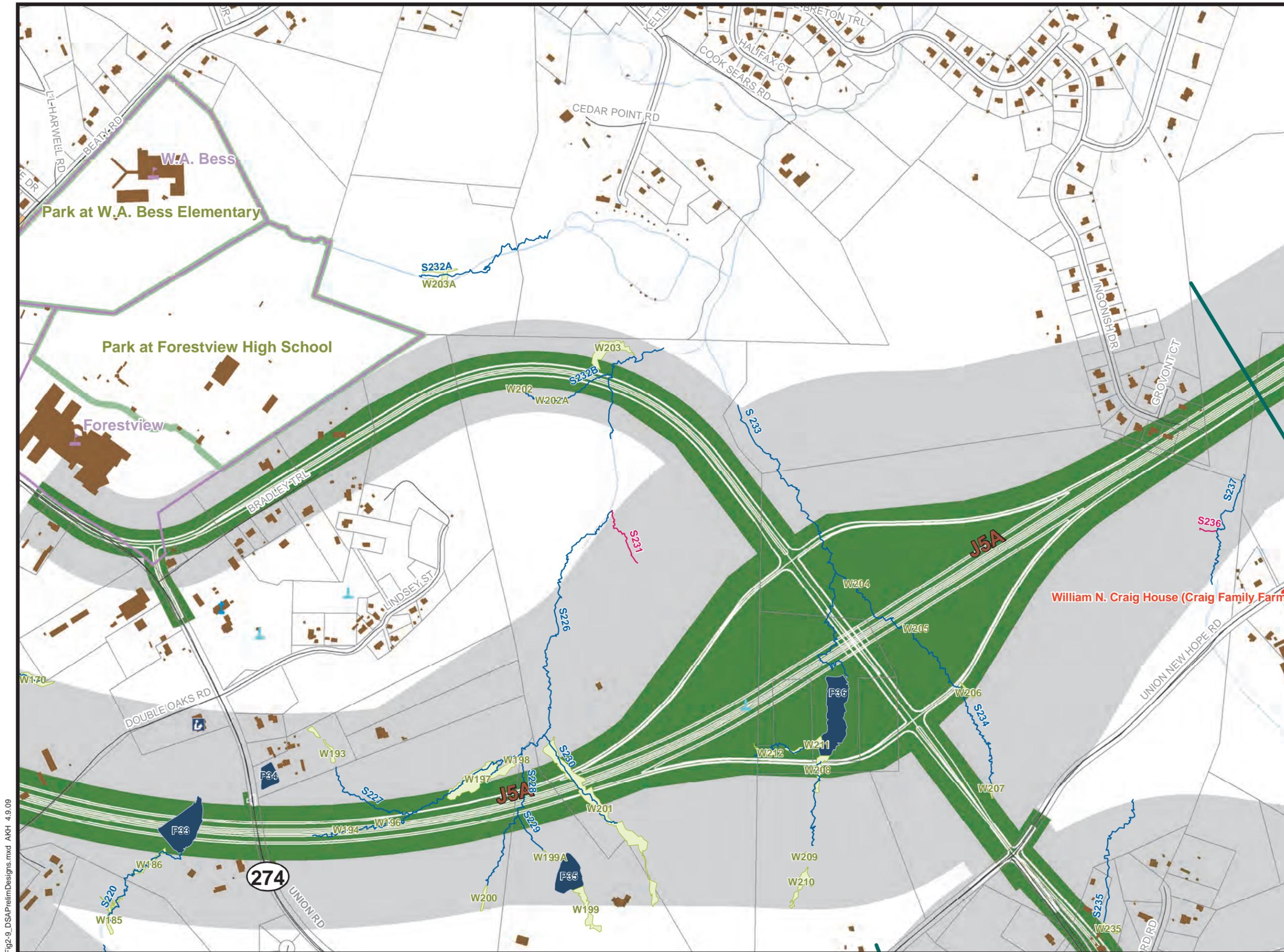


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

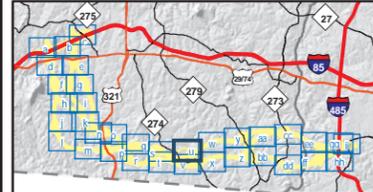
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

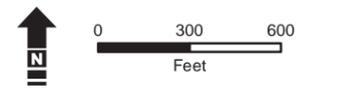
Figure 2-9 t



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - Cemeteries
 - Churches in DSA
 - Fire Stations
 - Hospitals/Medical Services
 - Libraries
 - Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - Rail/Roads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.

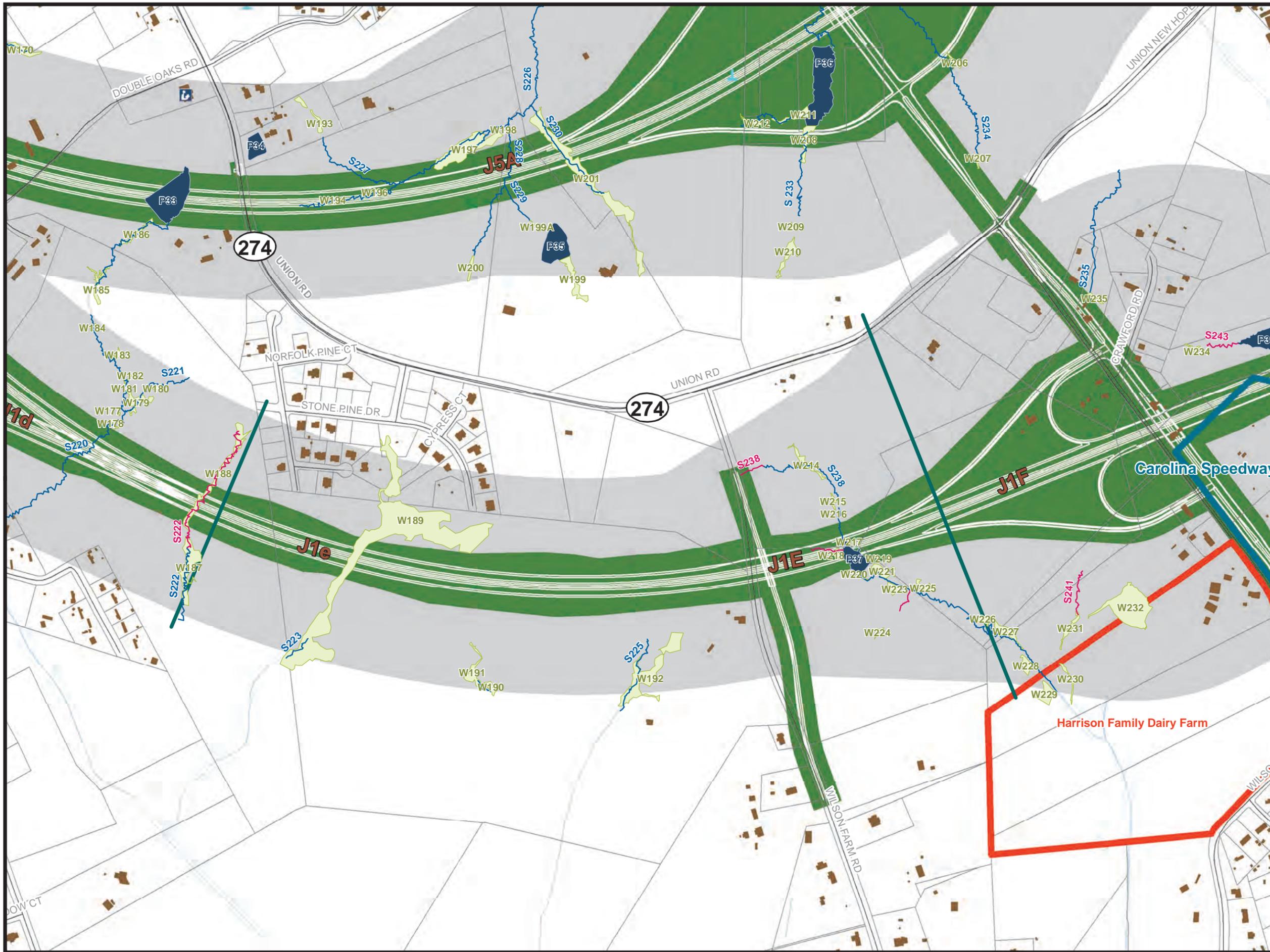


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

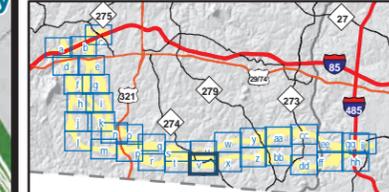
GASTON EAST-WEST
CONNECTOR

DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS

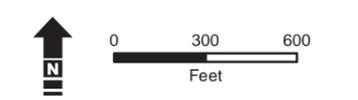
Figure 2-9 u



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - + Cemeteries
 - + Churches in DSA
 - + Fire Stations
 - + Hospitals/Medical Services
 - + Libraries
 - + Schools
 - School Property
 - + Structures
 - + Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - + Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - + Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.

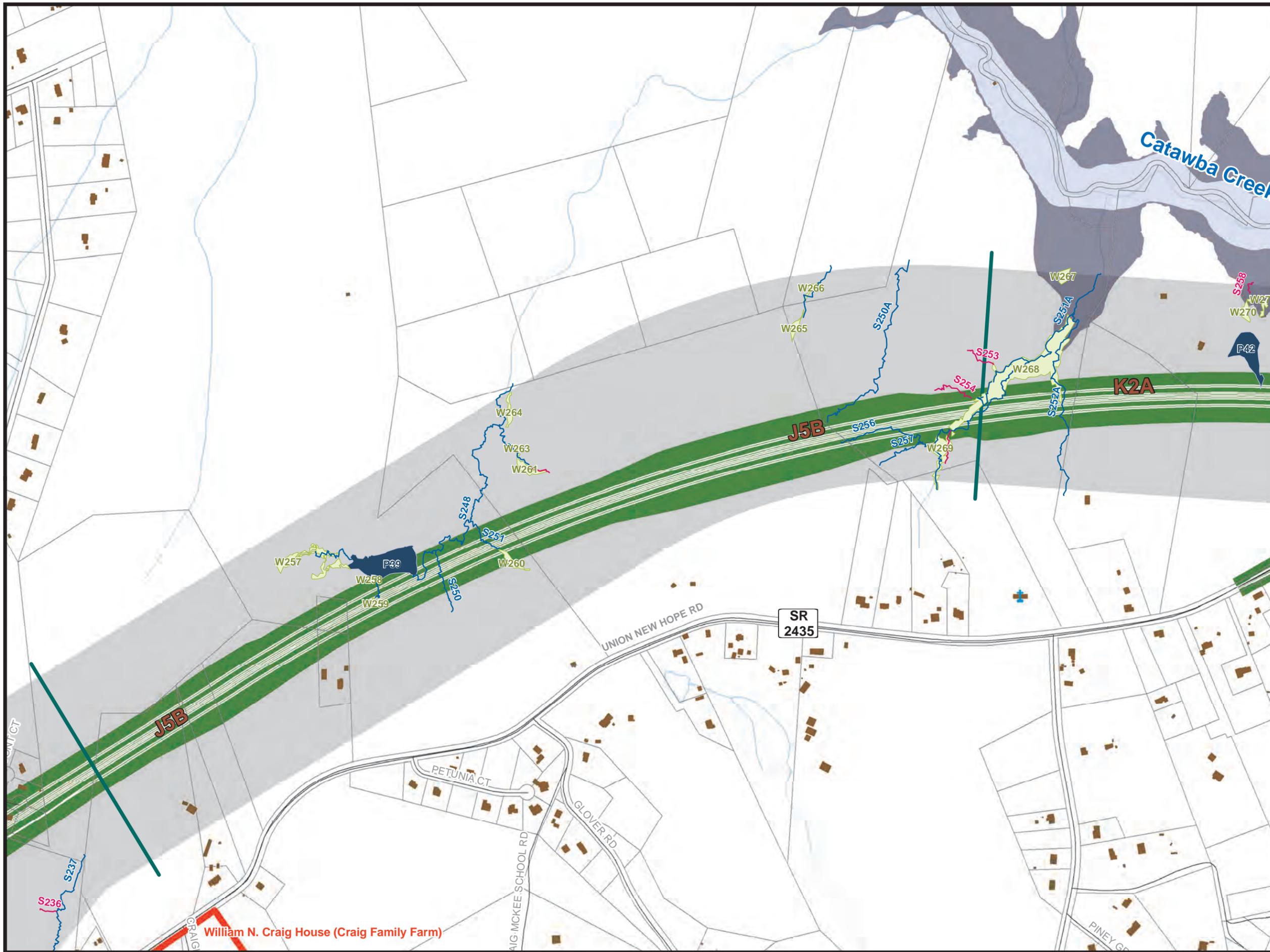


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

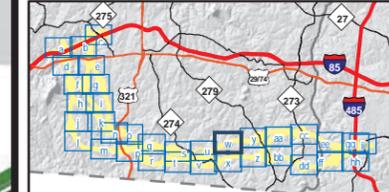
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

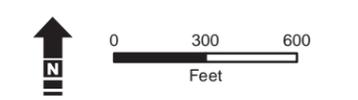
Figure 2-9 v



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - + Cemeteries
 - + Churches in DSA
 - + Fire Stations
 - + Hospitals/Medical Services
 - + Libraries
 - + Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - Railroads
 - Streets
 - K2A Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.

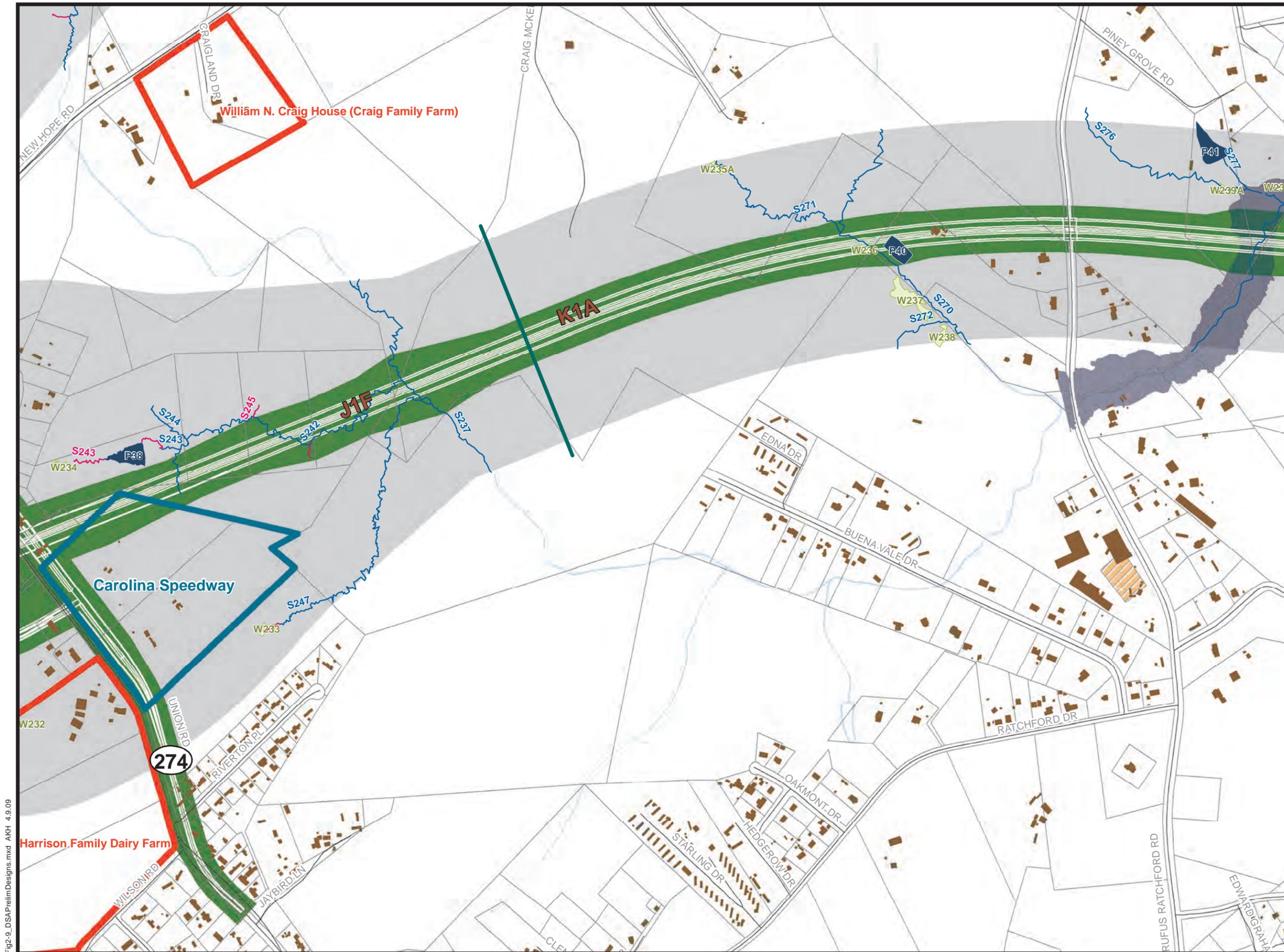


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

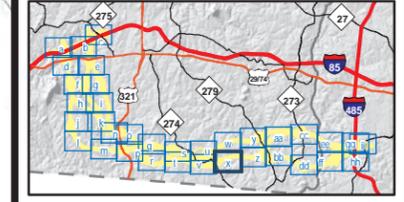
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

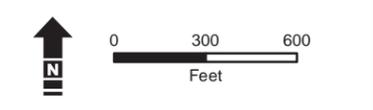
Figure 2-9 w



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - + Cemeteries
 - + Churches in DSA
 - + Fire Stations
 - + Hospitals/Medical Services
 - + Libraries
 - + Schools
 - School Property
 - + Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.



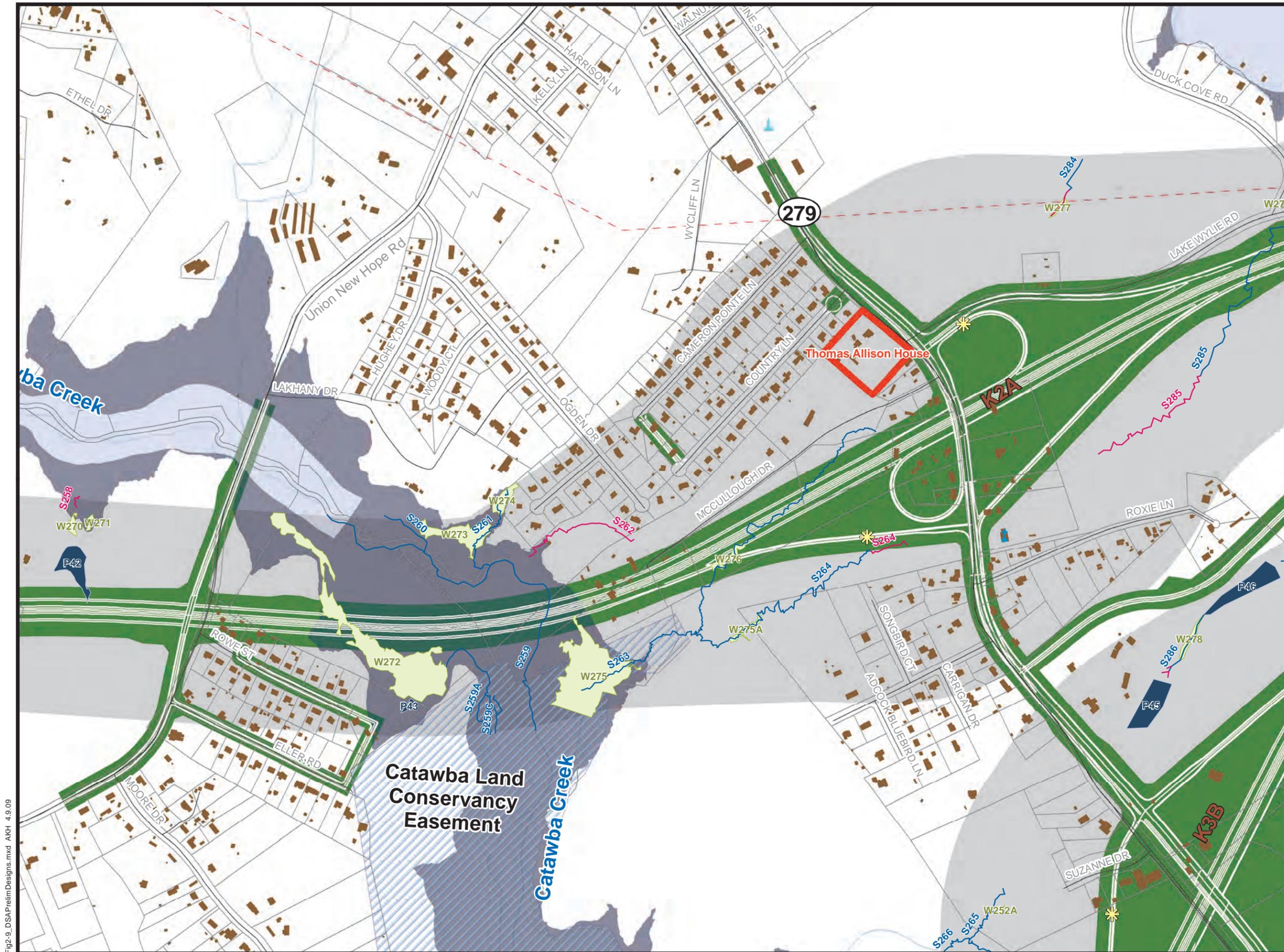
STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

GASTON EAST-WEST
CONNECTOR

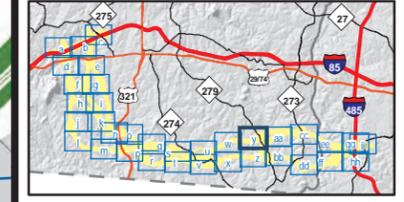
DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS

Figure 2-9 x

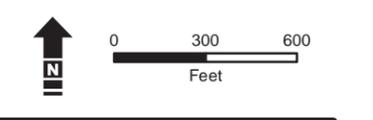
Fig2-9_DSA Prelim Designs.mxd AKH 4.9.09



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - + Cemeteries
 - + Churches in DSA
 - + Fire Stations
 - + Hospitals/Medical Services
 - + Libraries
 - + Schools
 - School Property
 - + Structures
 - + Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - + Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties Map printed April 2009.



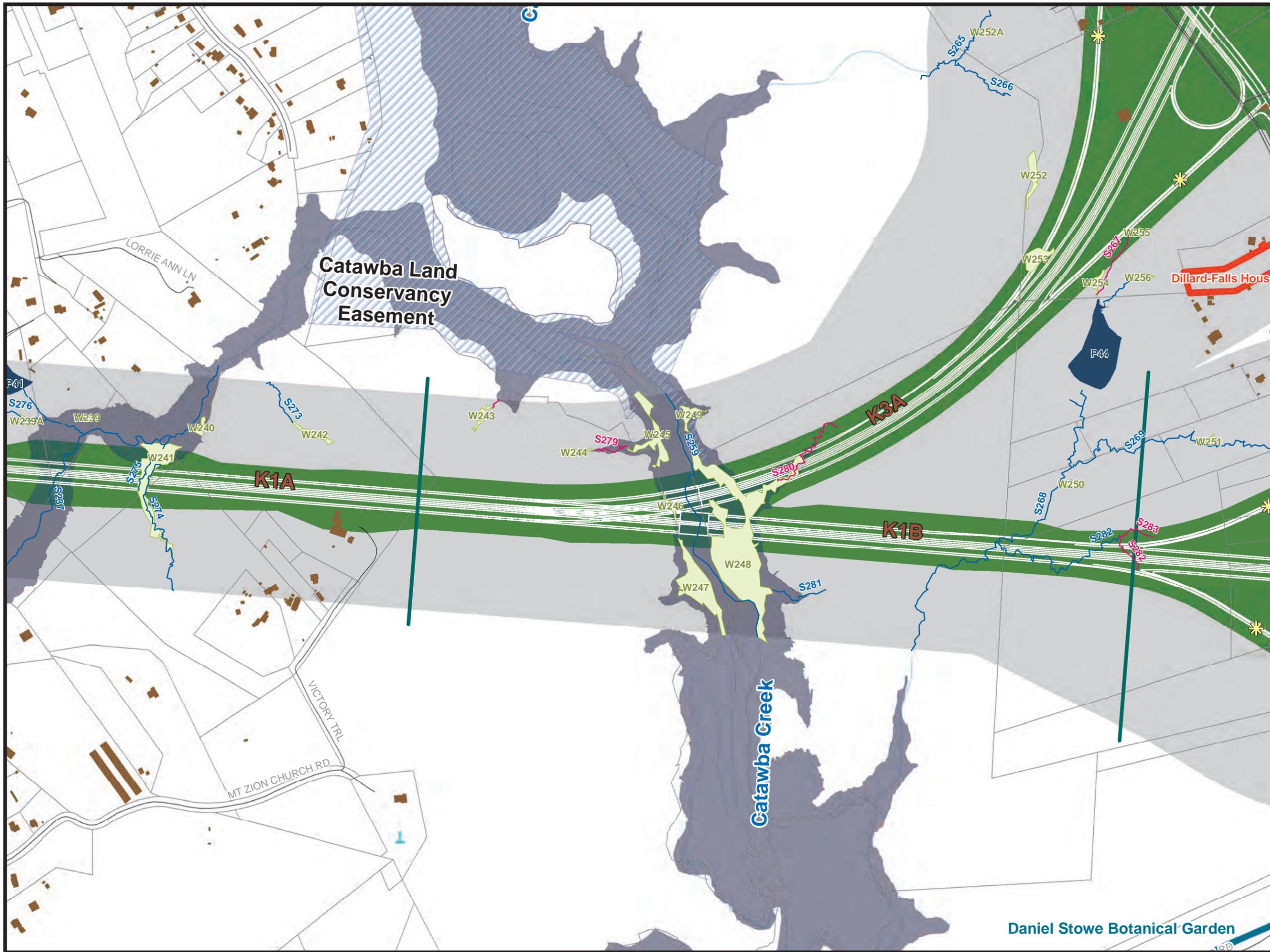
STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

GASTON EAST-WEST
CONNECTOR

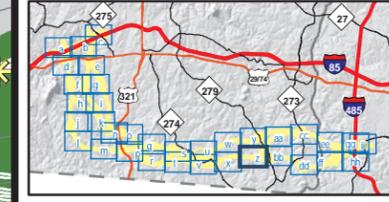
DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS

Figure 2-9 y

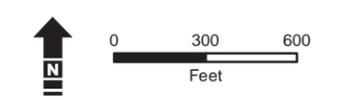
Fig2-9_DSA Prelim Designs.mxd AKH 4.9.09



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - Cemeteries
 - Churches in DSA
 - Fire Stations
 - Hospitals/Medical Services
 - Libraries
 - Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.

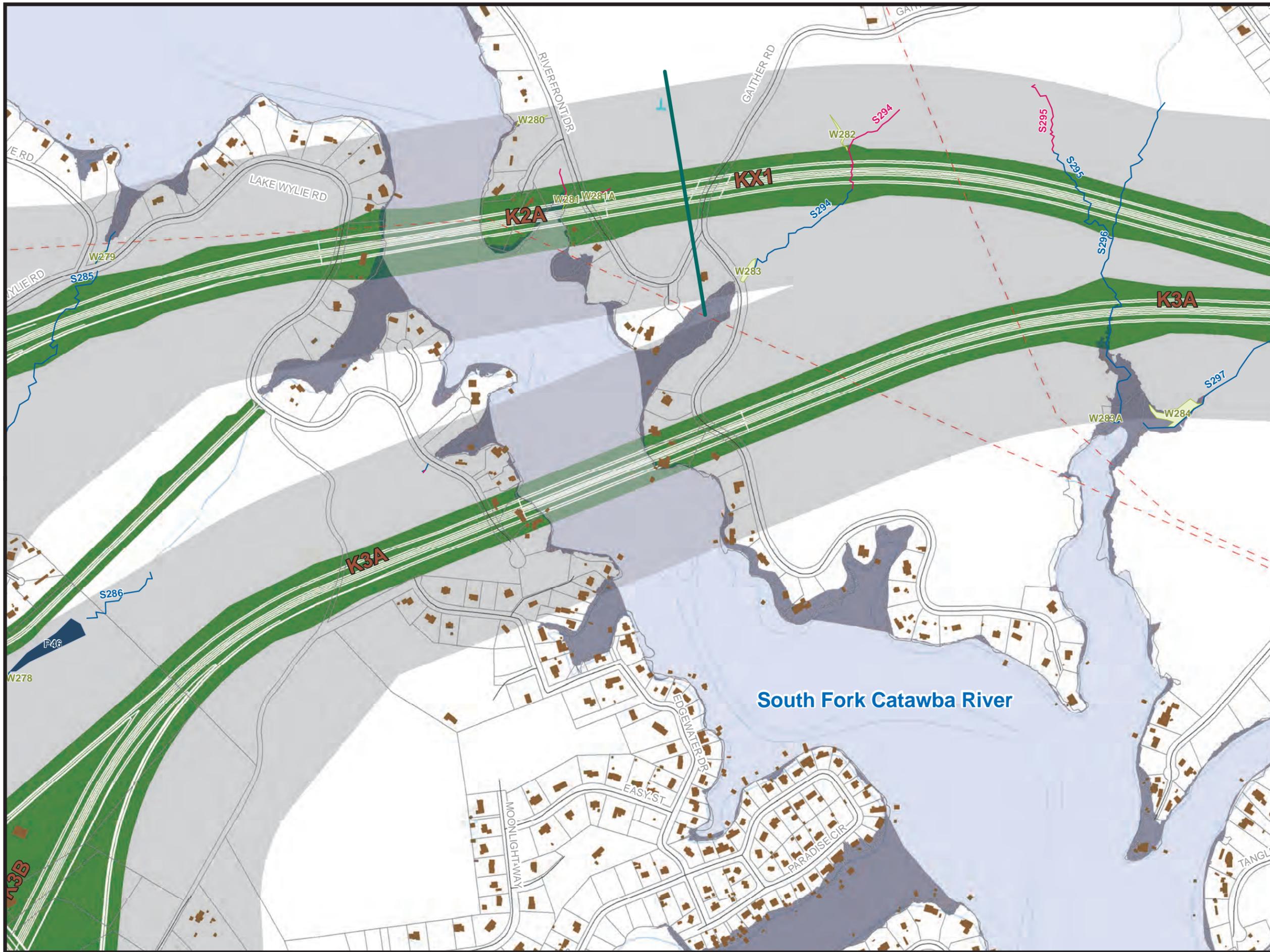


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

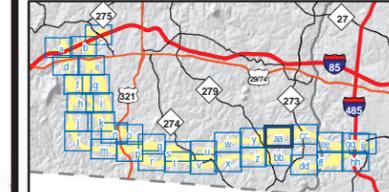
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

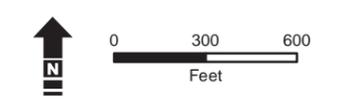
Figure 2-9 z



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - Cemeteries
 - Churches in DSA
 - Fire Stations
 - Hospitals/Medical Services
 - Libraries
 - Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.

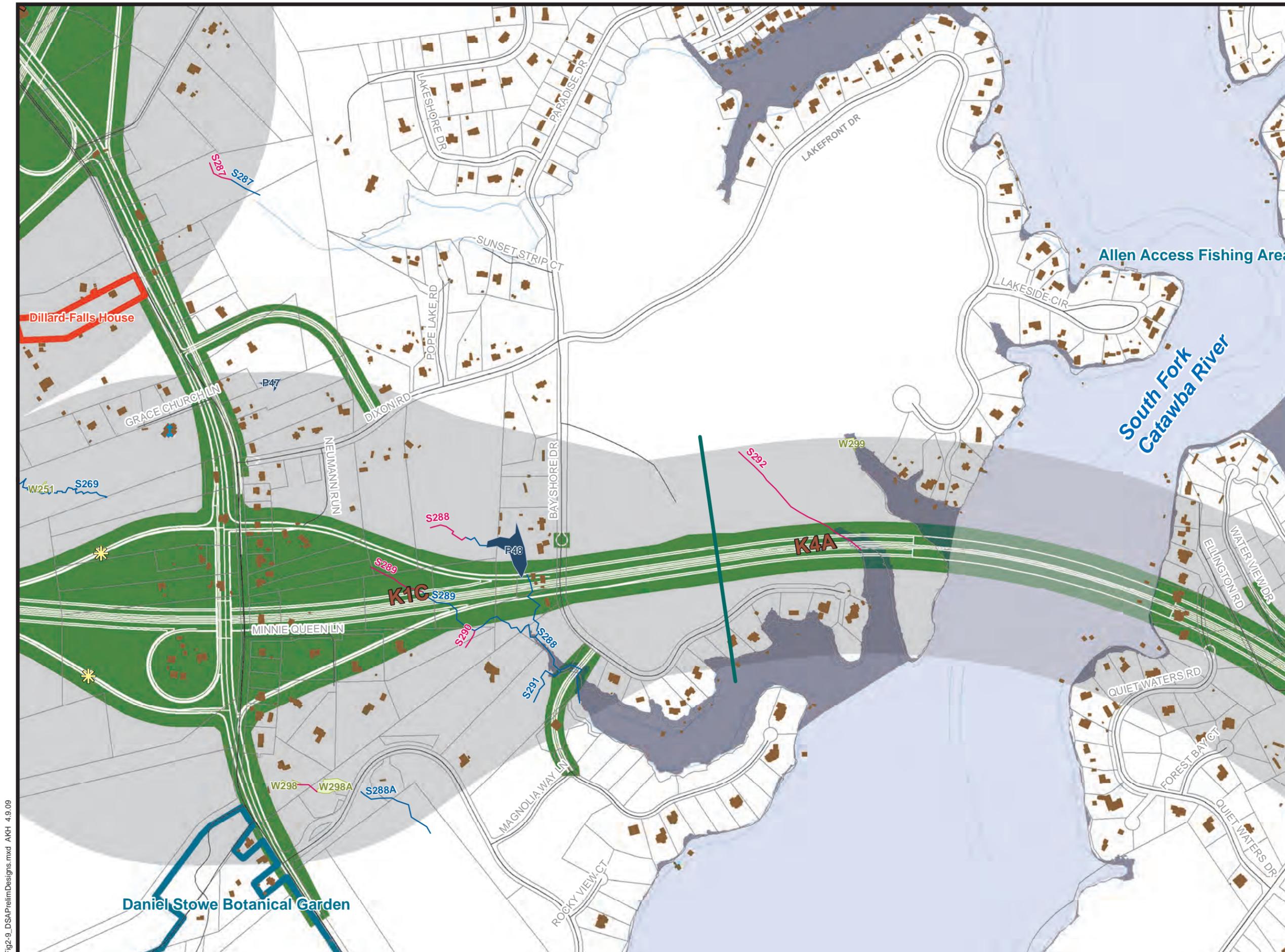


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

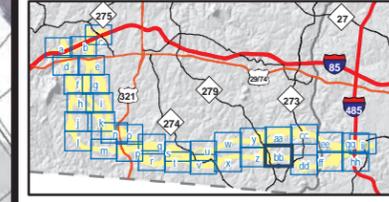
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

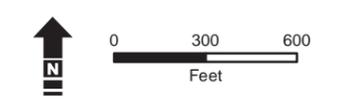
Figure 2-9 aa



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - ⊥ Cemeteries
 - ⊥ Churches in DSA
 - ⬮ Fire Stations
 - ⚕ Hospitals/Medical Services
 - 📖 Libraries
 - 🎓 Schools
 - School Property
 - 🏠 Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.



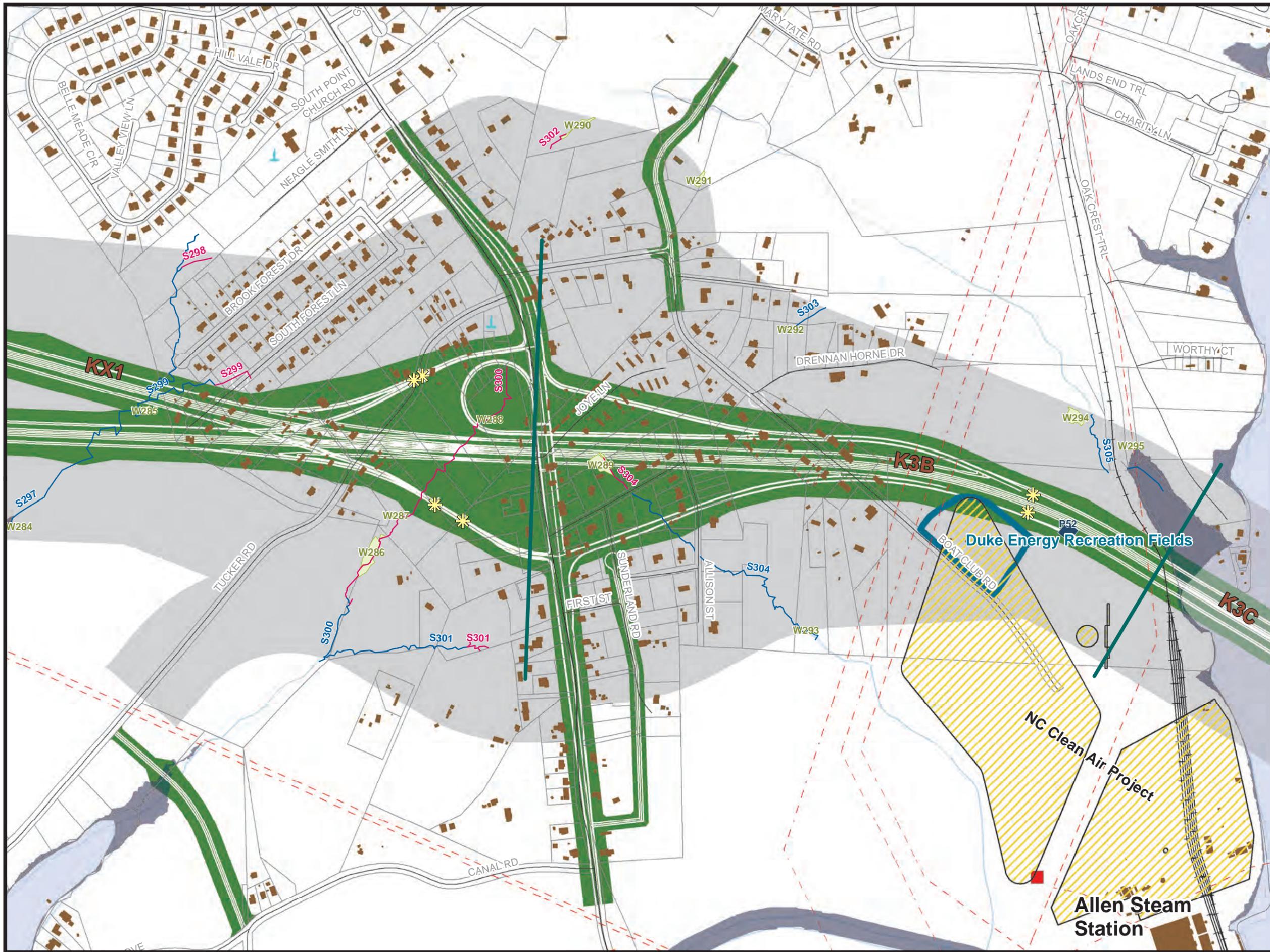
STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

**GASTON EAST-WEST
CONNECTOR**

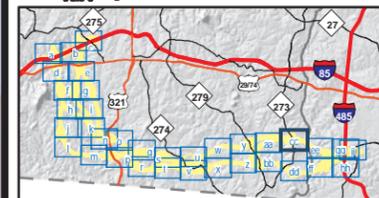
**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

Figure 2-9 bb

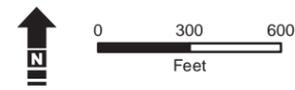
Fig2-9_DSA Prelim Designs.mxd AKH 4.9.09



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - + Cemeteries
 - + Churches in DSA
 - + Fire Stations
 - + Hospitals/Medical Services
 - + Libraries
 - + Schools
 - School Property
 - + Structures
 - + Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - + Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - + Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.

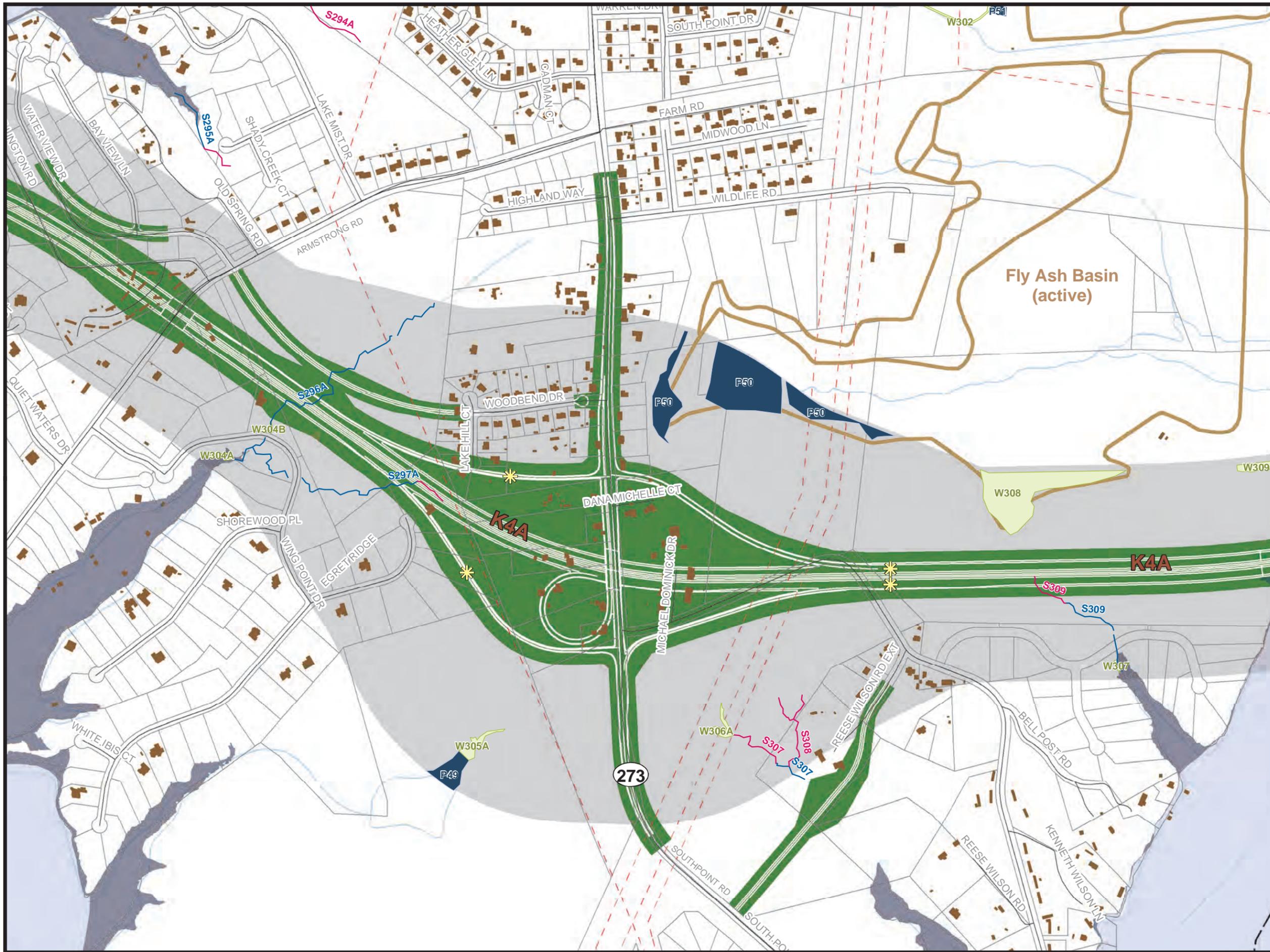


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

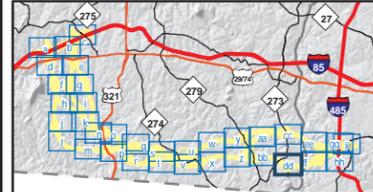
GASTON EAST-WEST
CONNECTOR

DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS

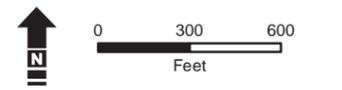
Figure 2-9 cc



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - ✱ Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - + Cemeteries
 - + Churches in DSA
 - + Fire Stations
 - + Hospitals/Medical Services
 - + Libraries
 - + Schools
 - School Property
 - + Structures
 - + Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - + Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties Map printed April 2009.

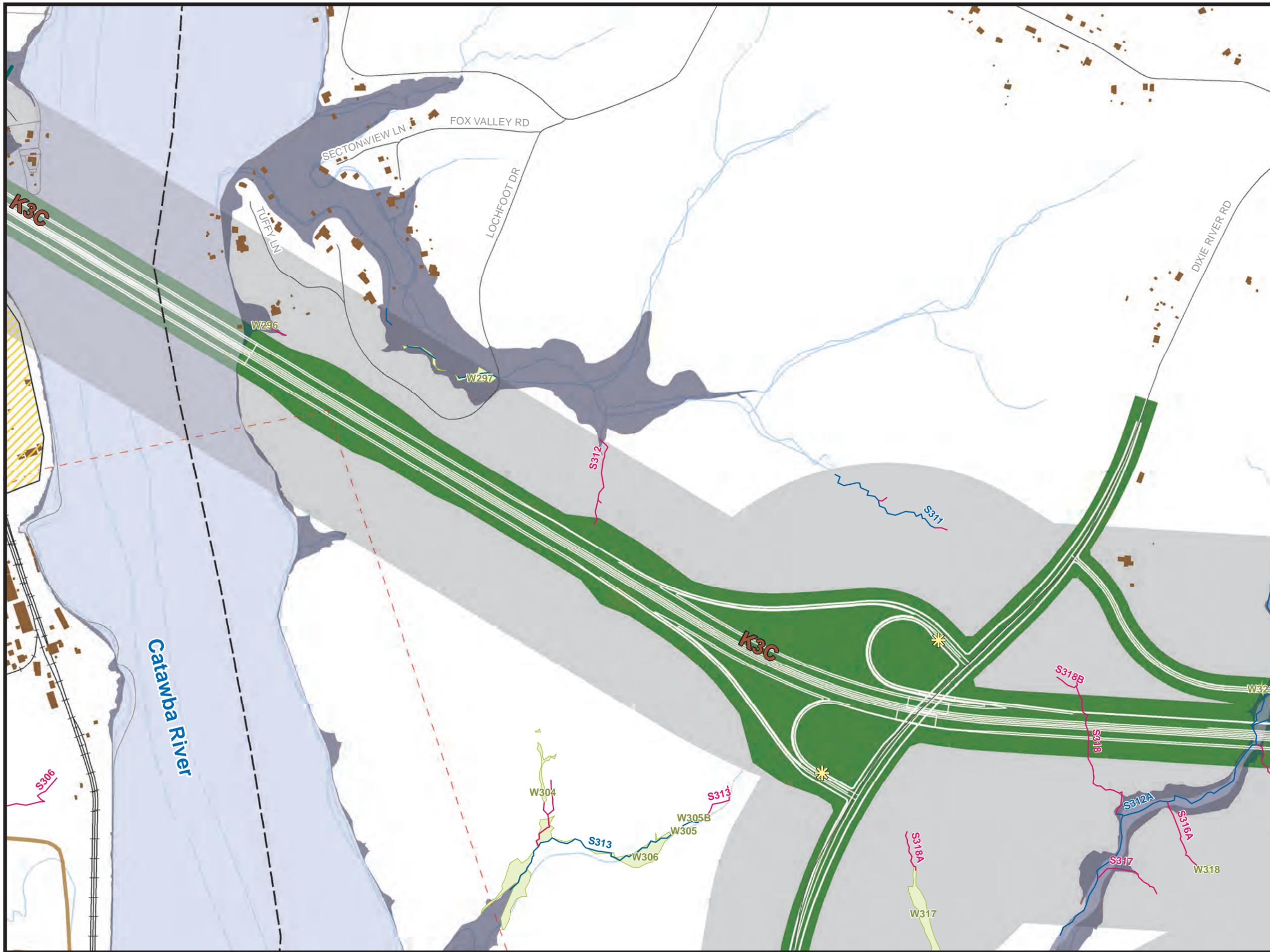


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

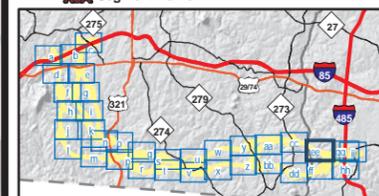
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

Figure 2-9 dd



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - Cemeteries
 - Churches in DSA
 - Fire Stations
 - Hospitals/Medical Services
 - Libraries
 - Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - Rail/Roads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.

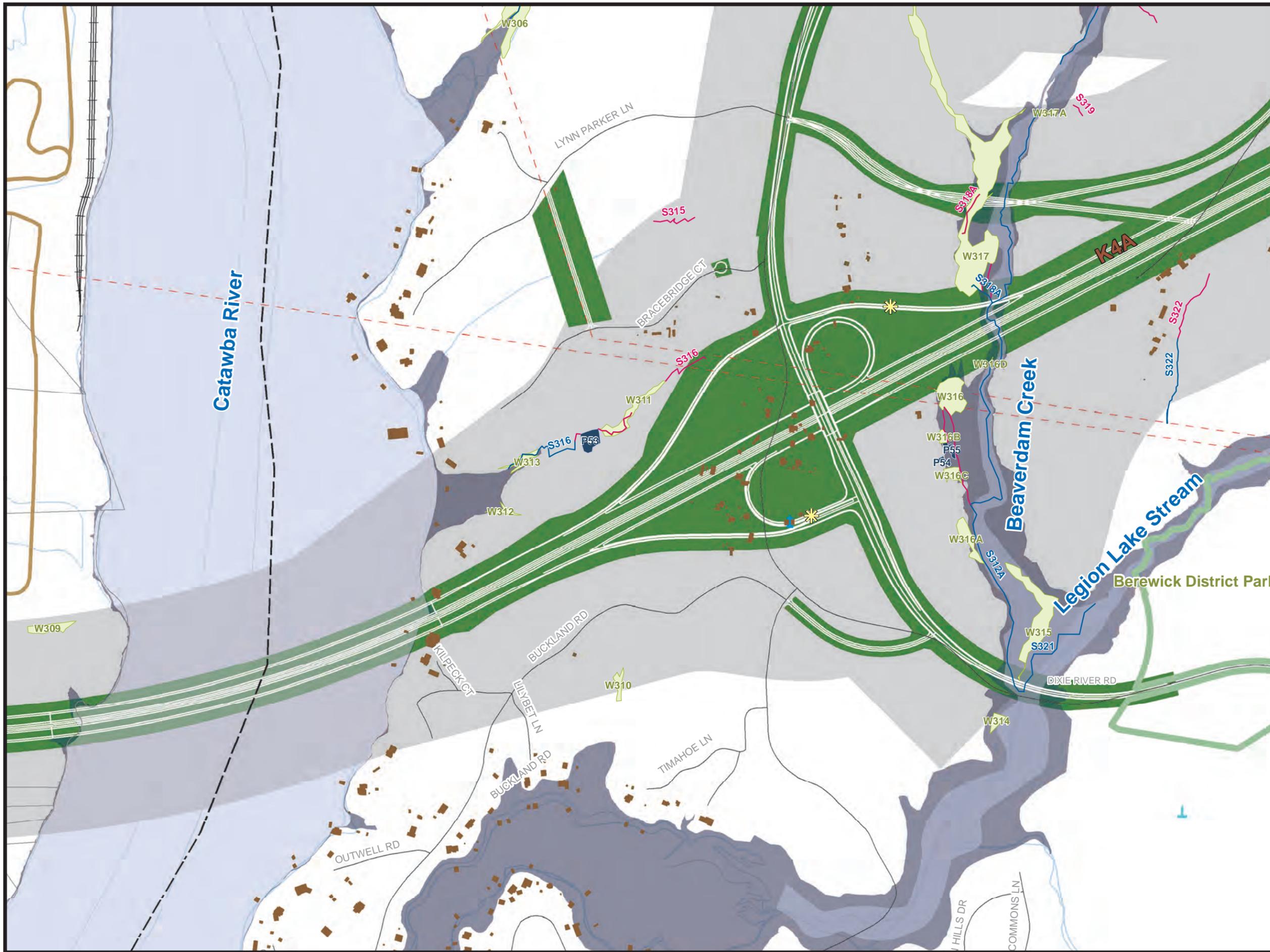


STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

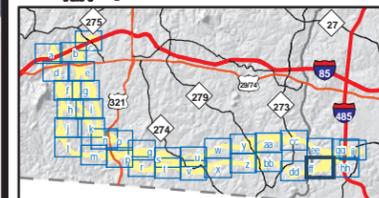
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

Figure 2-9 ee



- Legend**
- Preliminary Road Design
 - Right of Way
 - Segment Breaks
 - Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - Cemeteries
 - Churches in DSA
 - Fire Stations
 - Hospitals/Medical Services
 - Libraries
 - Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.



STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

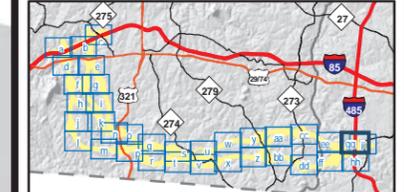
**GASTON EAST-WEST
CONNECTOR**

**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

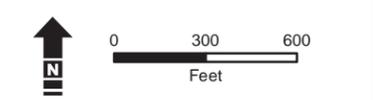
Figure 2-9 ff



- Legend**
- Preliminary Road Design
 - ▬ Right of Way
 - Segment Breaks
 - Toll Gantries
 - Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - Surveyed Wetlands
 - Surveyed Ponds
 - Floodway
 - 100 Yr. Floodplain
 - Other Hydrology
 - Cemeteries
 - Churches in DSA
 - Fire Stations
 - Hospitals/Medical Services
 - Libraries
 - Schools
 - School Property
 - Structures
 - Historic Sites on/eligible NRHP
 - Natural Heritage Occurrence Sites
 - Natural Heritage Program Occ. Areas
 - Superfund Sites
 - Parks
 - Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - Substations
 - Parcels
 - + Railroads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.



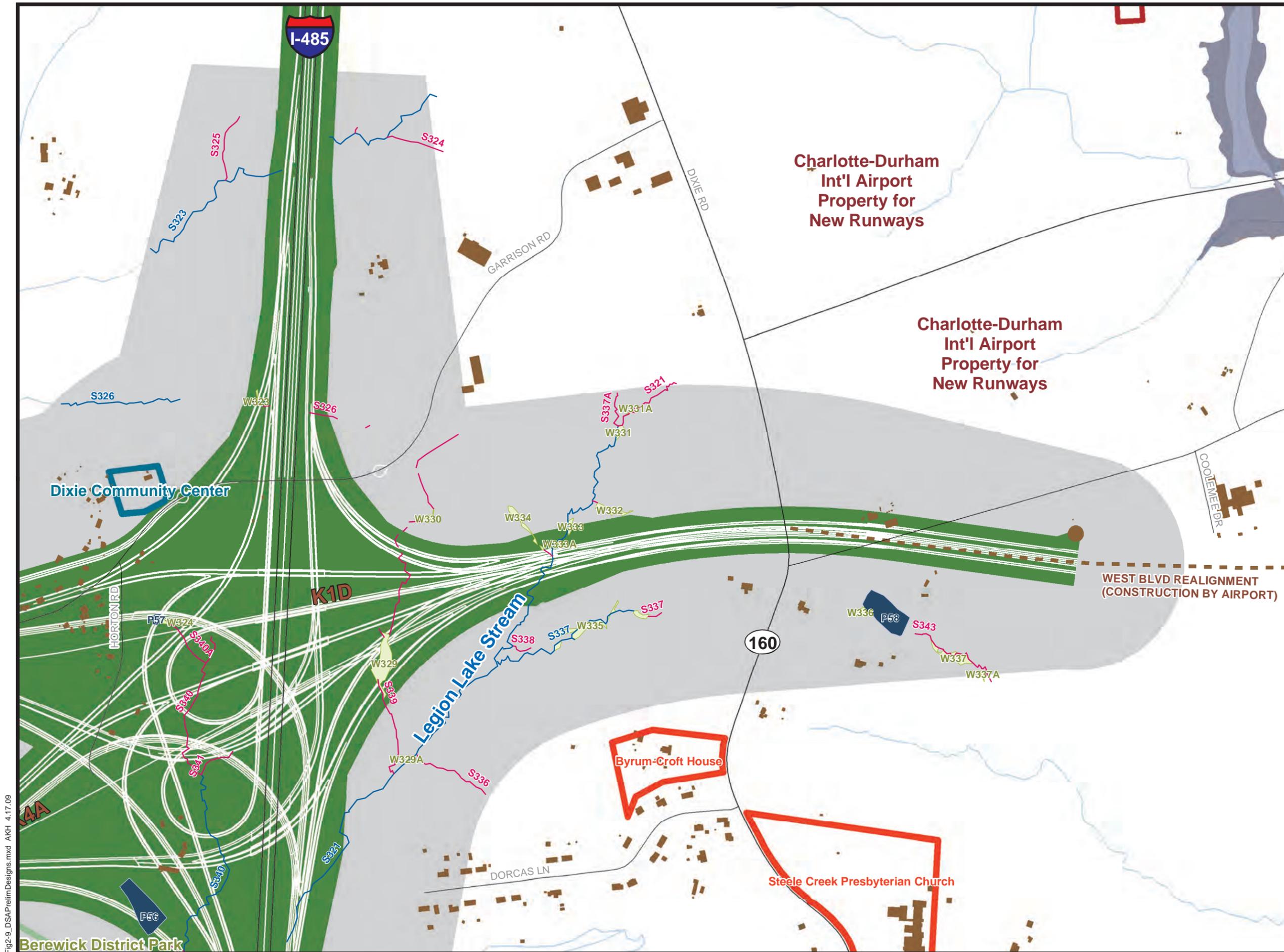
STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

**GASTON EAST-WEST
CONNECTOR**

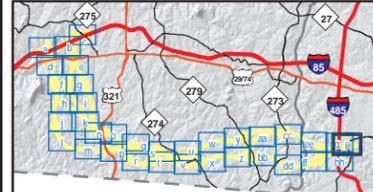
**DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS**

Figure 2-9 gg

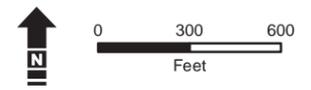
Fig2-9_DSA Prelim Designs.mxd AKH 4.17.09



- Legend**
- Preliminary Road Design
 - ▭ Right of Way
 - Segment Breaks
 - ✦ Toll Gantries
 - ▭ Detailed Study Area
 - Surveyed Intermittent Stream
 - Surveyed Perennial Stream
 - ▭ Surveyed Wetlands
 - ▭ Surveyed Ponds
 - ▭ Floodway
 - ▭ 100 Yr. Floodplain
 - Other Hydrology
 - ⊥ Cemeteries
 - ⊥ Churches in DSA
 - ⬮ Fire Stations
 - ⚪ Hospitals/Medical Services
 - ⚪ Libraries
 - ⚪ Schools
 - ⚪ School Property
 - ⬮ Structures
 - ⬮ Historic Sites on/eligible NRHP
 - ▭ Natural Heritage Occurrence Sites
 - ▭ Natural Heritage Program Occ. Areas
 - ▭ Superfund Sites
 - ▭ Parks
 - ▭ Private Recreation Facilities and Attractions
 - Power Transmission Lines
 - ⬮ Substations
 - ▭ Parcels
 - Rail/Roads
 - Streets
 - Segment Name



Source: Gaston and Mecklenburg Counties
Map printed April 2009.



STIP PROJECT
NO. U-3321
Gaston County and
Mecklenburg County

GASTON EAST-WEST
CONNECTOR

DETAILED STUDY
ALTERNATIVES
PRELIMINARY
DESIGNS

Figure 2-9 ii

Fig2-9_DSA Prelim Designs.mxd AKH 4.17.09