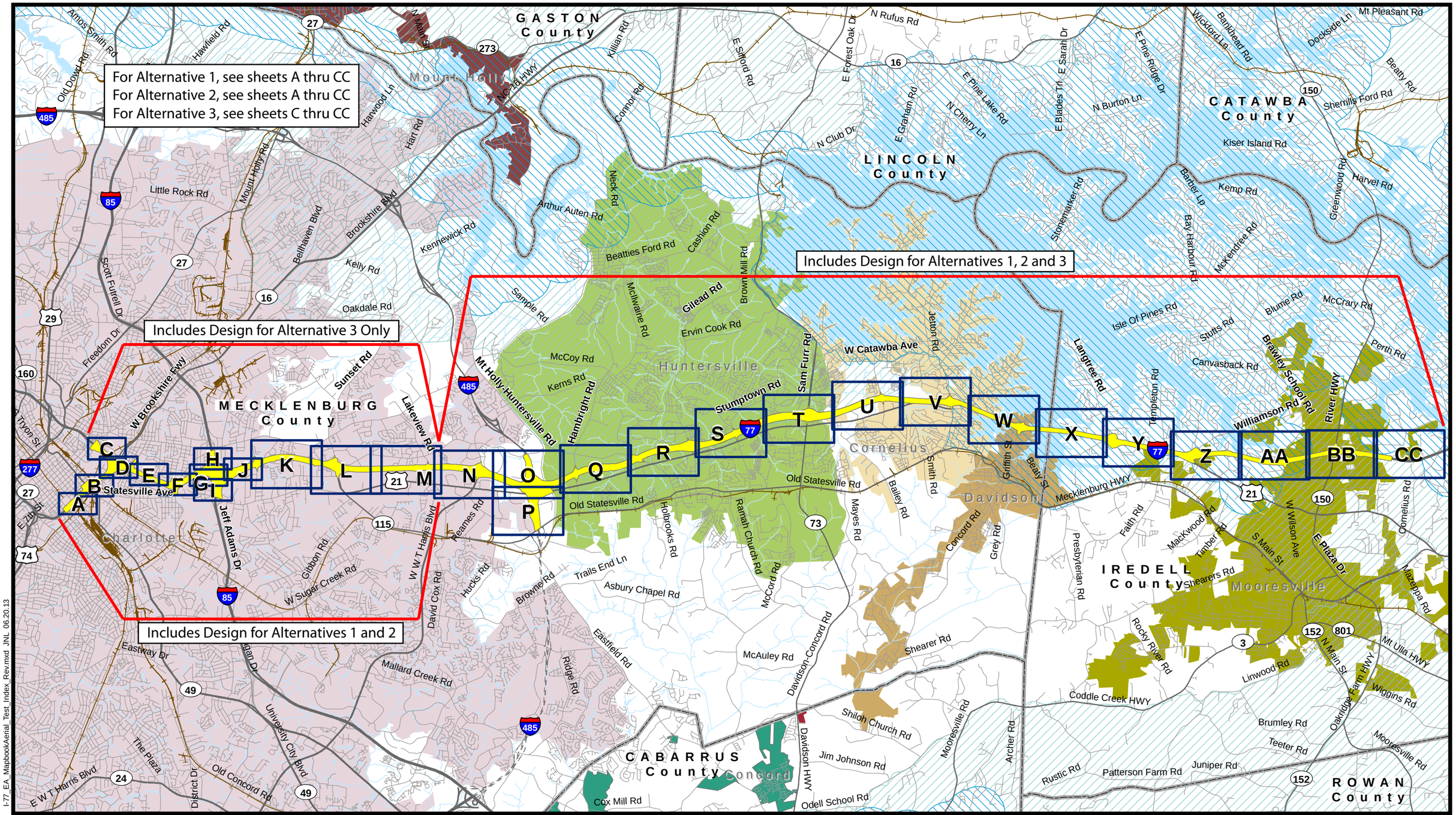
Appendix A

Preferred Alternative Design

and

Notable Features Map



I-77_EA_MapbookAerial_Test_Index_Rev.mxd JNL 06.20.13

I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA

Mecklenburg and Iredell Counties, North Carolina

0 4,750 9,500 Feet

Source: Mecklenburg County GIS, NCDOT GIS, ESRI GIS, NCONEMAP

Legend

- A Sheet Key
- Project Study Area
- County Boundary
- Railroad
- Creeks & Streams
- Critical Watershed
- Protected Watershed
- Lakes & Ponds
- Charlotte
- Concord
- Cornelius
- Davidson
- Huntersville
- Kannapolis
- Mooresville
- Mount Holly

PROJECT AREA MAP

INDEX

I-77_EA_Mapbook-Aerial_Test_250scale.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
- Proposed HOT Lane
- Proposed Bridge / Widening
- Existing Bridge Removed
- Replace Existing Bridge
- Proposed Access Point
- Proposed Concrete Barrier
- Proposed Edge of Travel
- Proposed Paved Shoulder
- Proposed Culvert
- Proposed Lane Line
- Proposed Slopestake Line
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- 303(d) Stream
- Creek / Stream
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- State Owned Land
- Hazardous Site
- Lake / Pond
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- 100 Year Floodplain
- Delineated Wetland
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- NSA 1 Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 1

A

I-77_EA_Mapbook Aerial_Test_250scale.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
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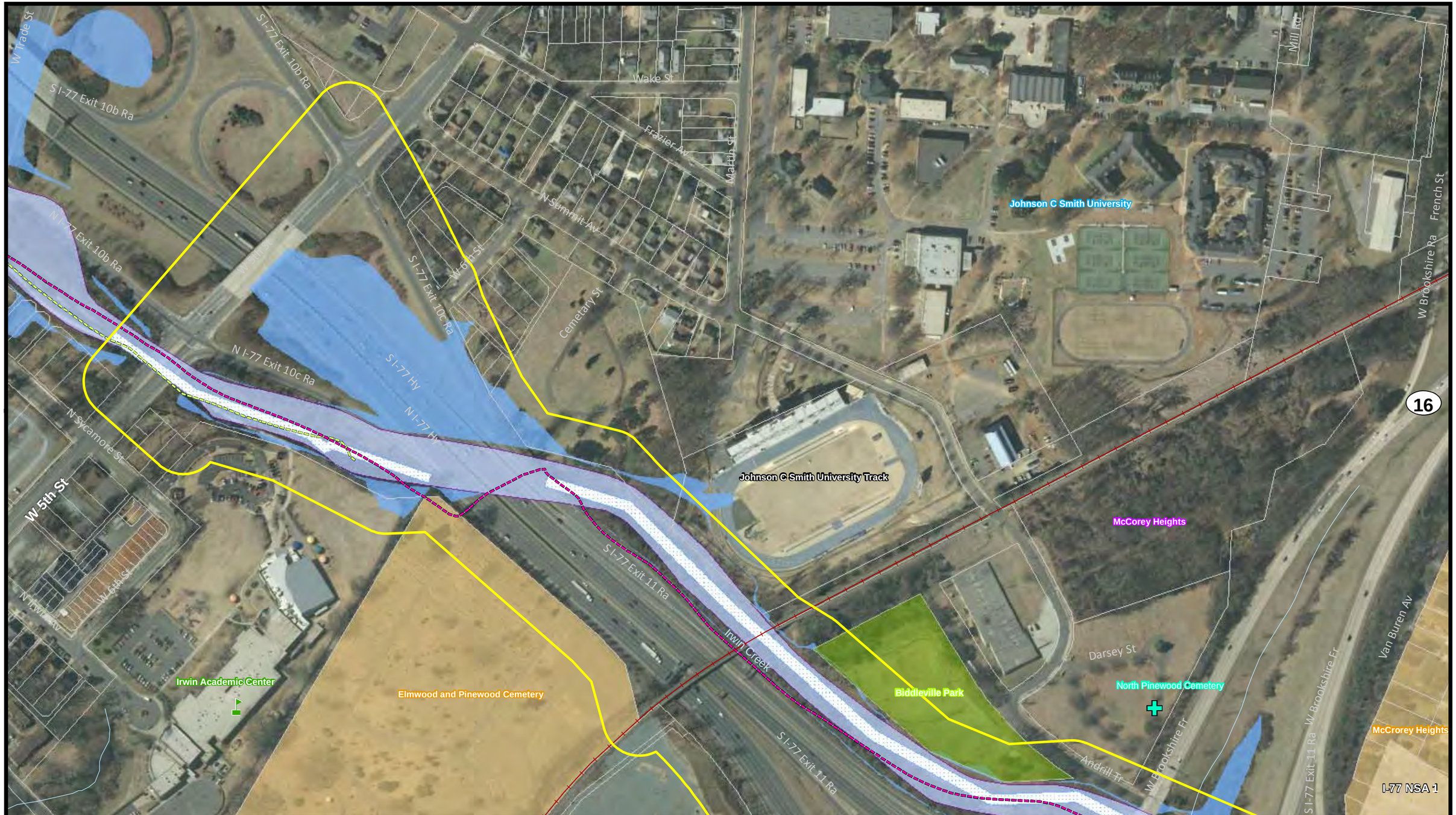
PROJECT AREA MAP ALTERNATIVE 1

B



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I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

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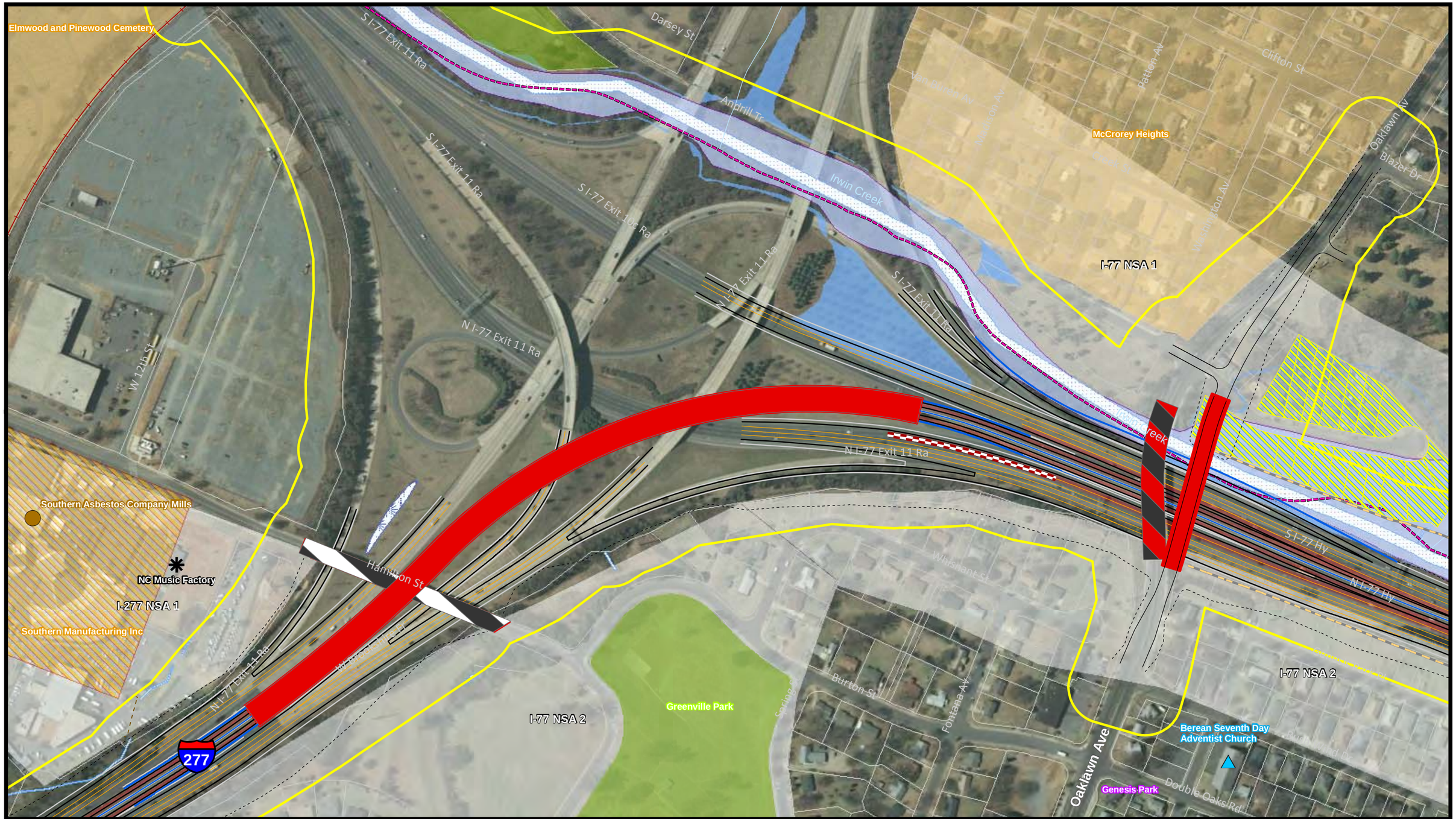
PROJECT AREA MAP ALTERNATIVE 1

C



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I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

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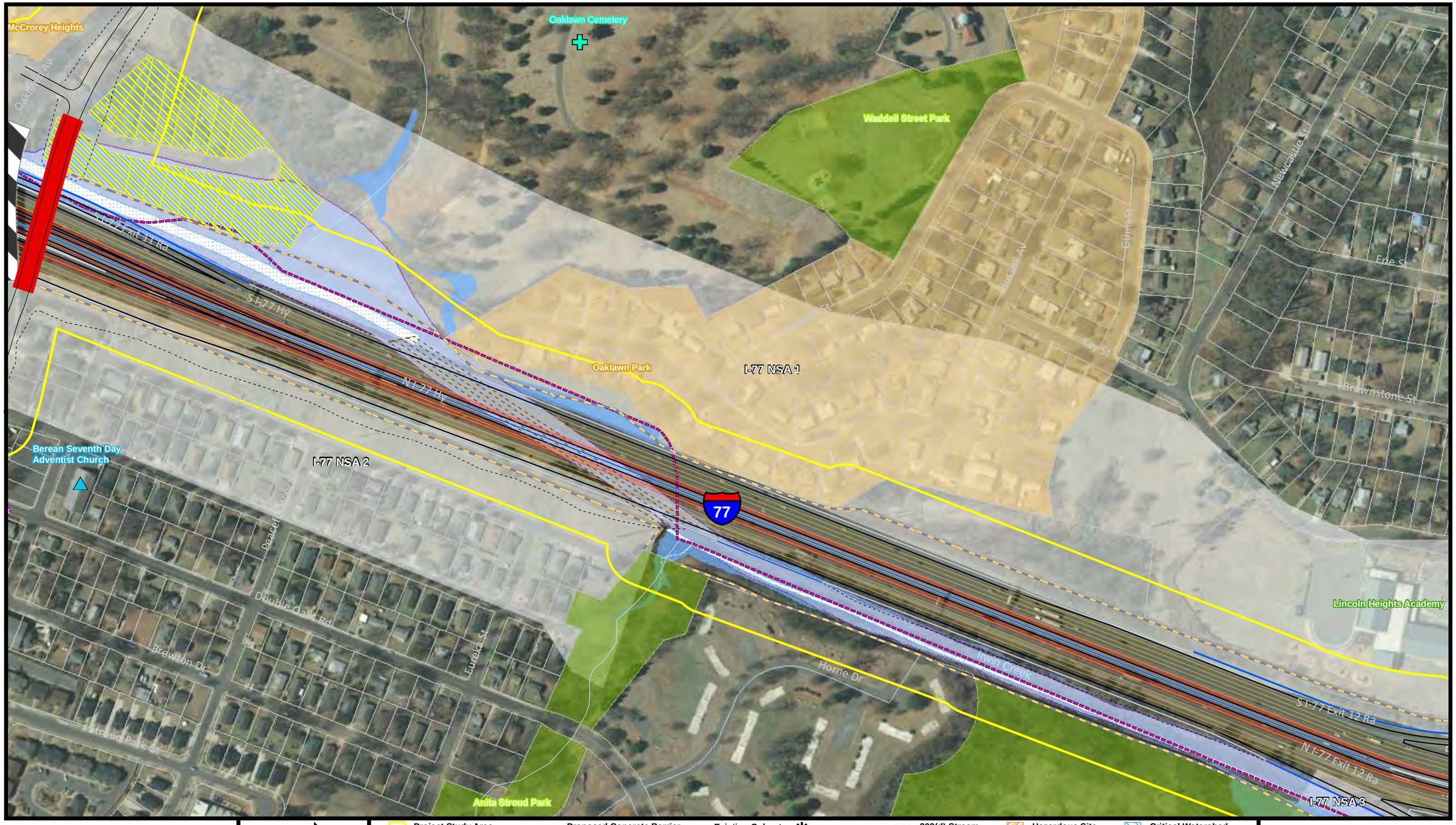
PROJECT AREA MAP ALTERNATIVE 1

D



I-77_EA_Mapbook-Aerial_Test_250scale.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
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Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

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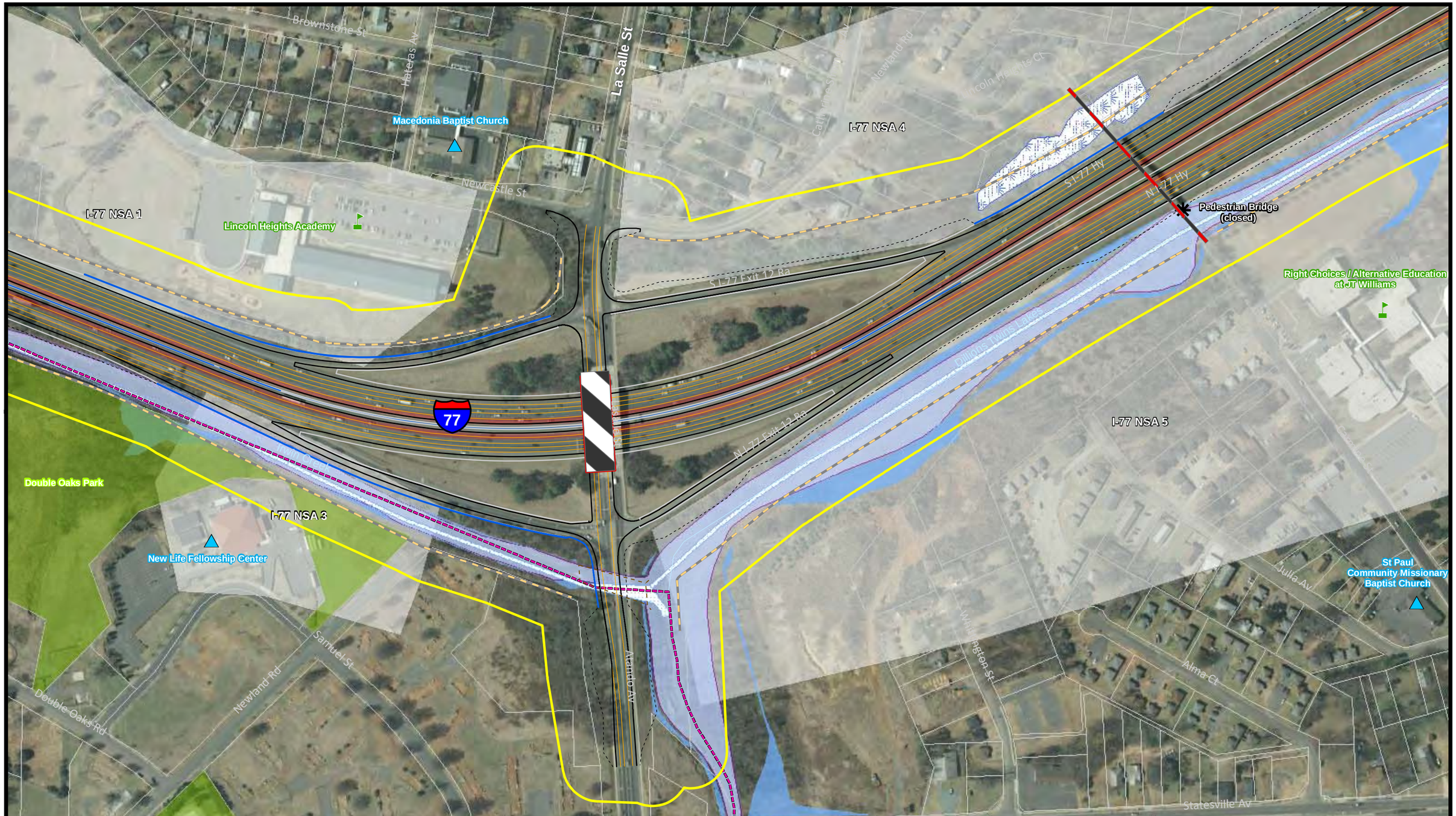
PROJECT AREA MAP ALTERNATIVE 1

E



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I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
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Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

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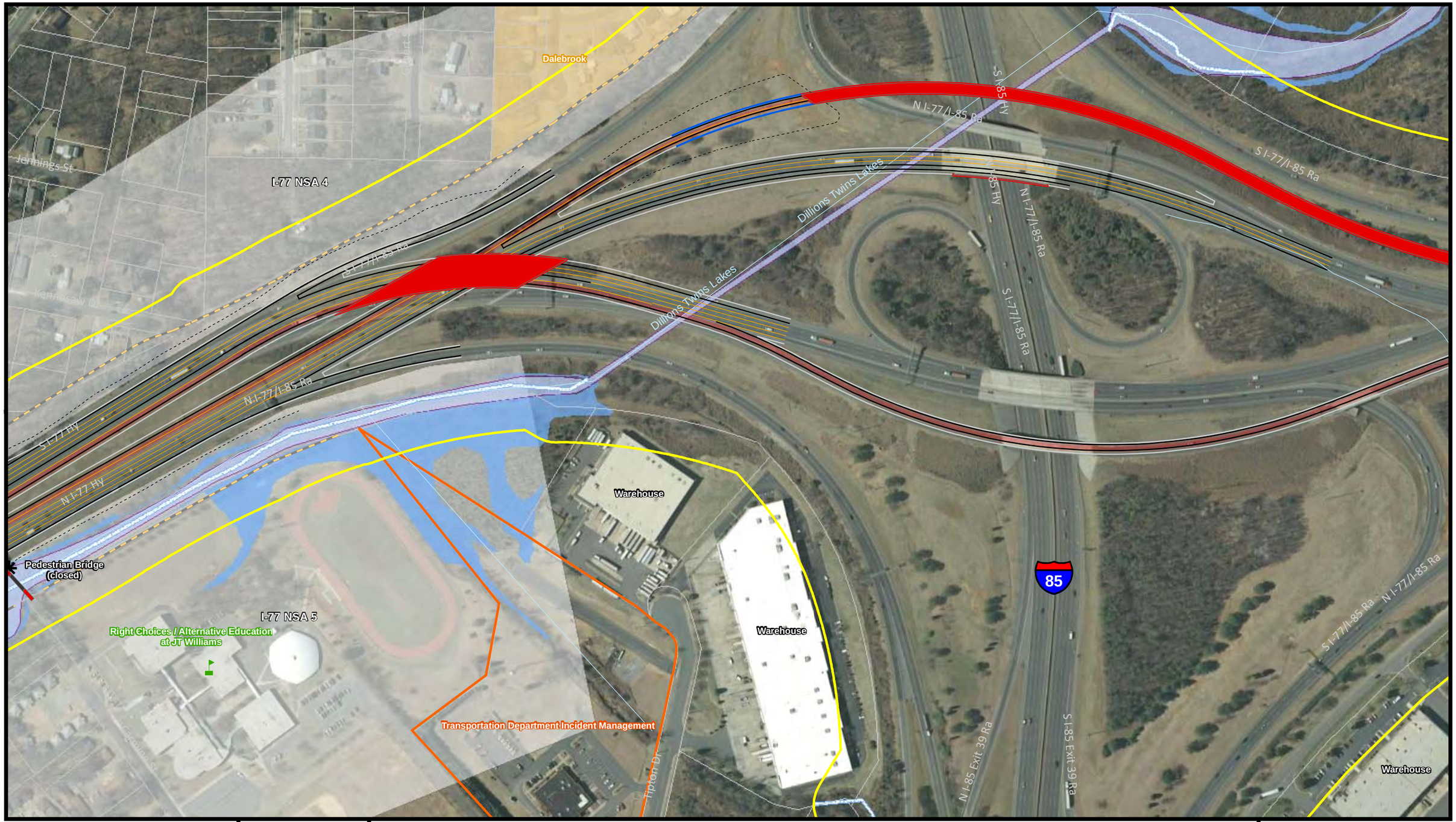
PROJECT AREA MAP
ALTERNATIVE 1

F



I-77_EA_MapbookAerial_Test_250scale.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

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PROJECT AREA MAP
ALTERNATIVE 1

G

I-77_EA_MapbookAerial_Test_250scale.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

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PROJECT AREA MAP ALTERNATIVE 1

H

I-77_EA_MapbookAerial_Test_250scale.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

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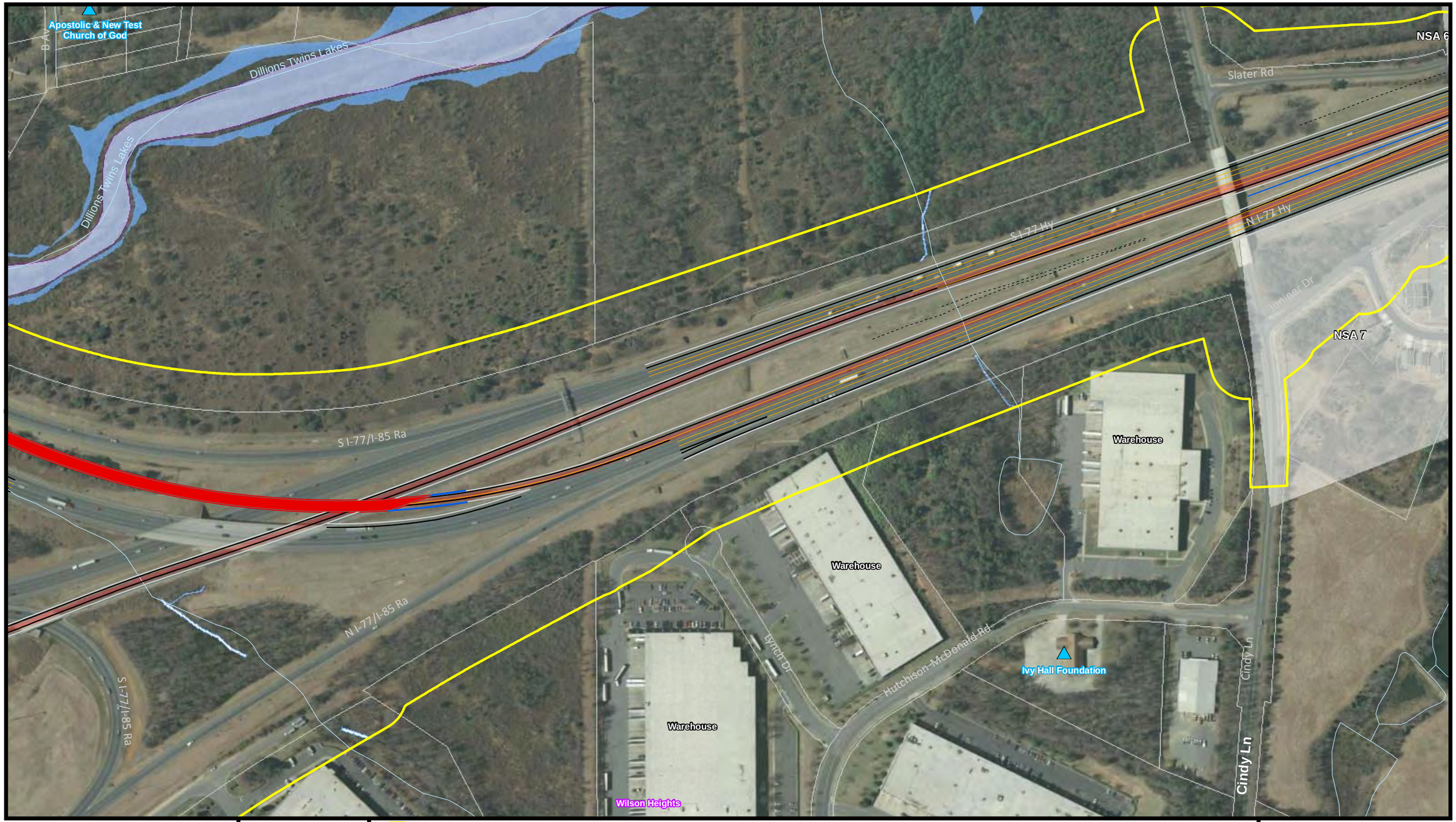
PROJECT AREA MAP
ALTERNATIVE 1

I



I-77_EA_MapbookAerial_Test_250scale.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA
Mecklenburg and Iredell Counties, North Carolina

0 125 250
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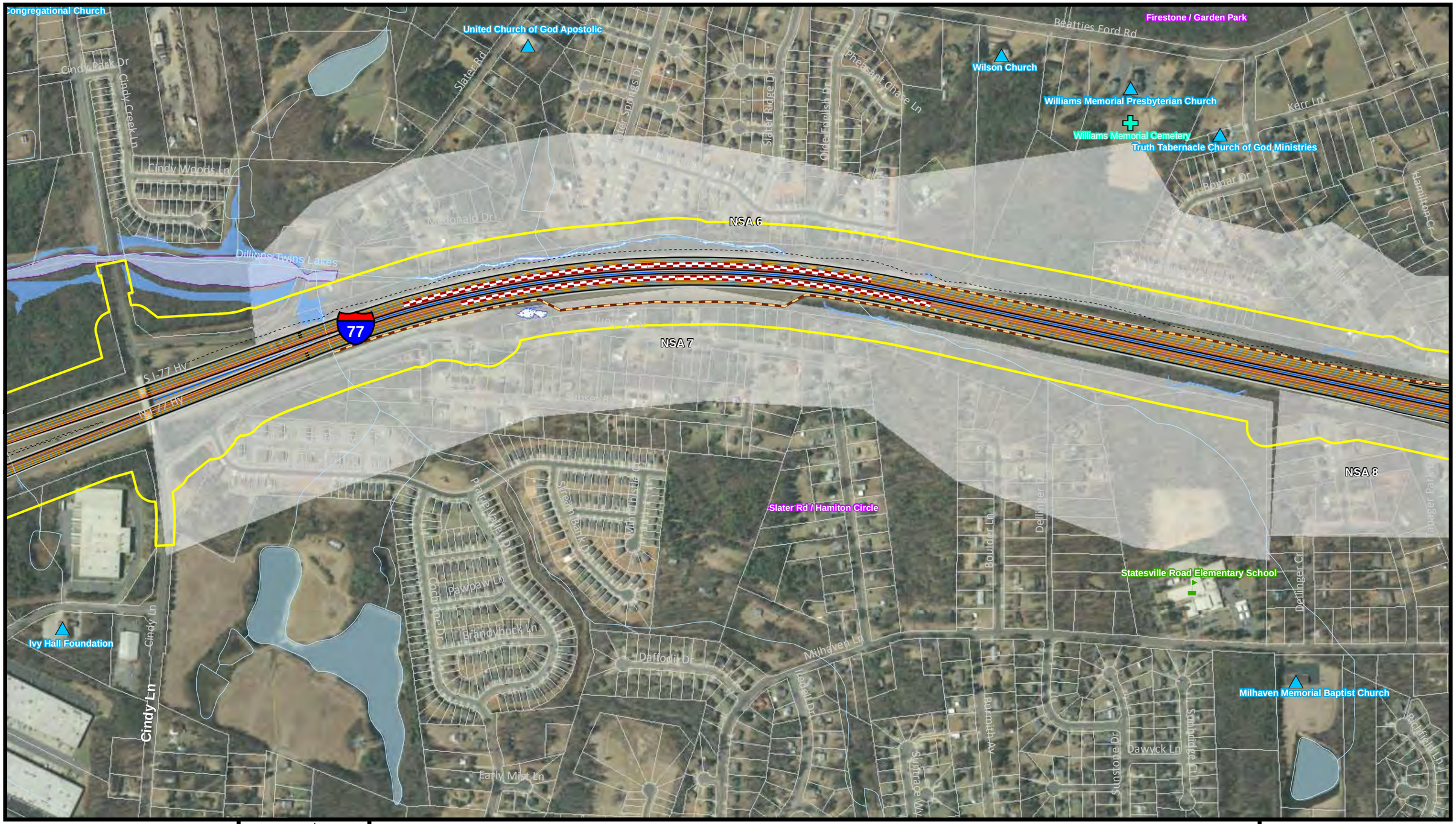
PROJECT AREA MAP ALTERNATIVE 1

J



I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA
Mecklenburg and Iredell Counties, North Carolina

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PROJECT AREA MAP ALTERNATIVE 1

K

I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 250 500
Feet

Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

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PROJECT AREA MAP
ALTERNATIVE 1

L

I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
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PROJECT AREA MAP ALTERNATIVE 1

M

I-77_EA_Mapbook-Aerial_Test_250scale.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
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PROJECT AREA MAP ALTERNATIVE 2

A

I-77_EA_Mapbook Aerial_Test_250scale.mxd JNL 06.24.2013

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

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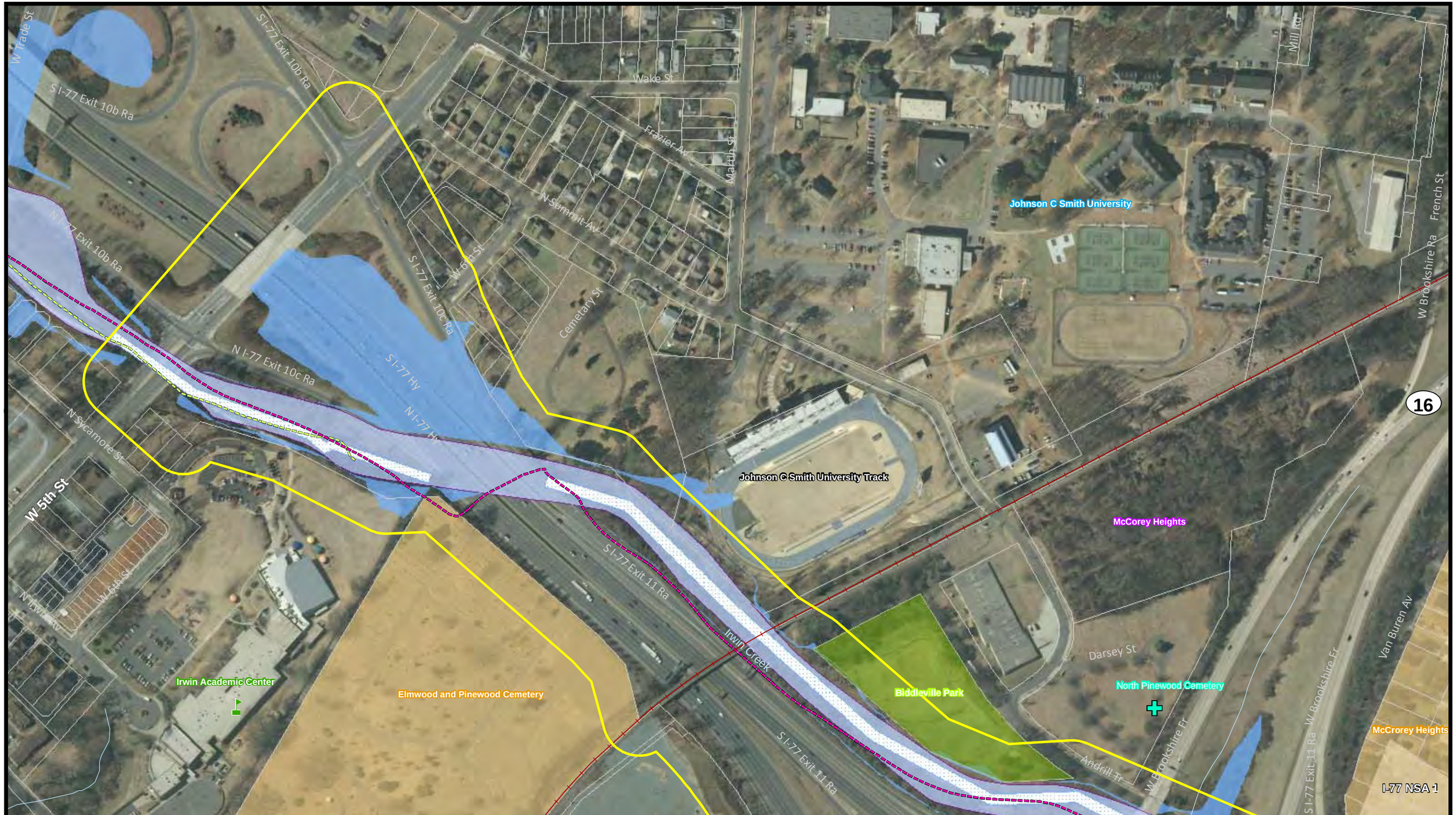
PROJECT AREA MAP ALTERNATIVE 2

B



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I-77 HOT LANES

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Mecklenburg and Iredell Counties,
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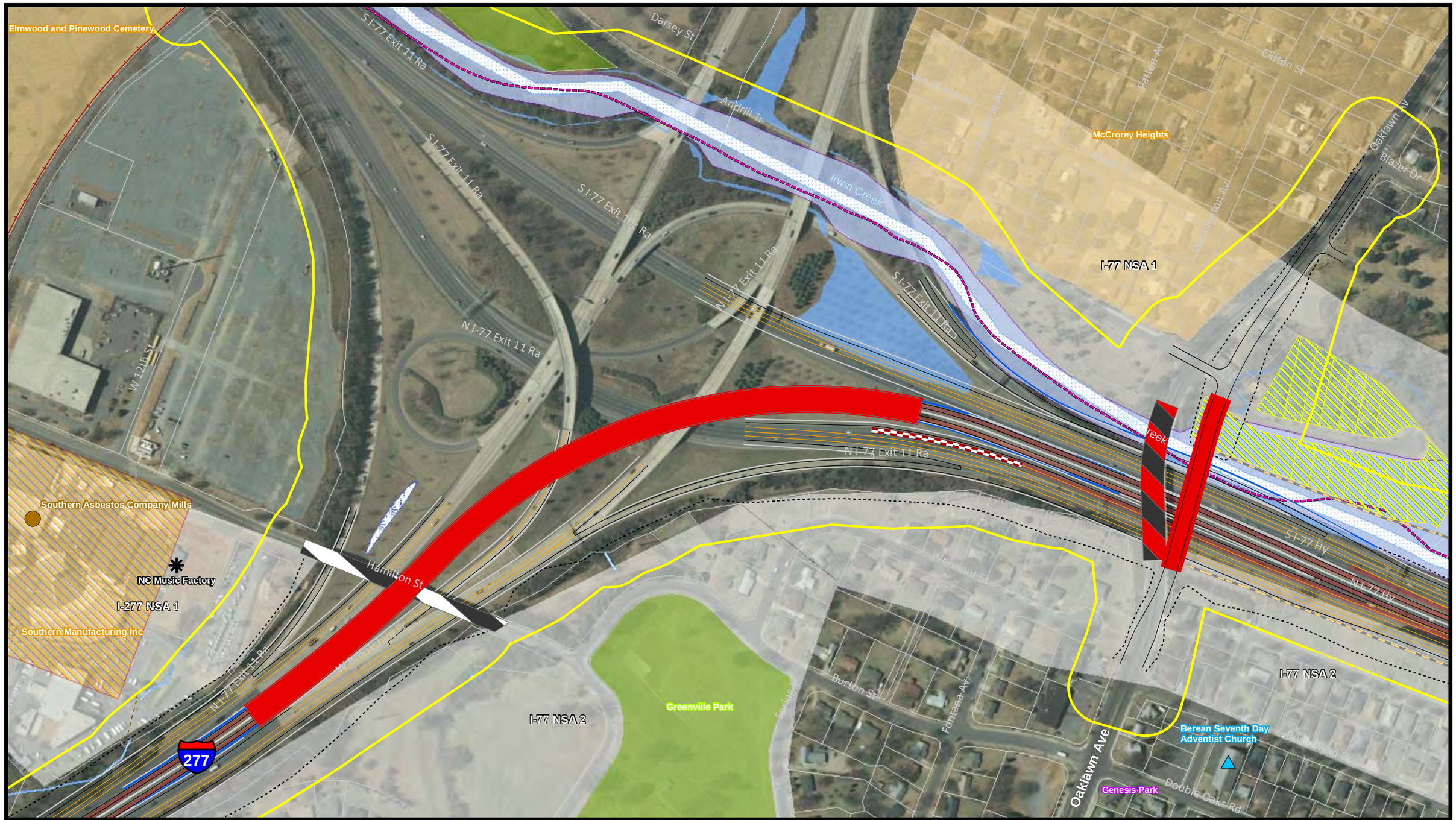
PROJECT AREA MAP ALTERNATIVE 2

C



I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA
Mecklenburg and Iredell Counties, North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

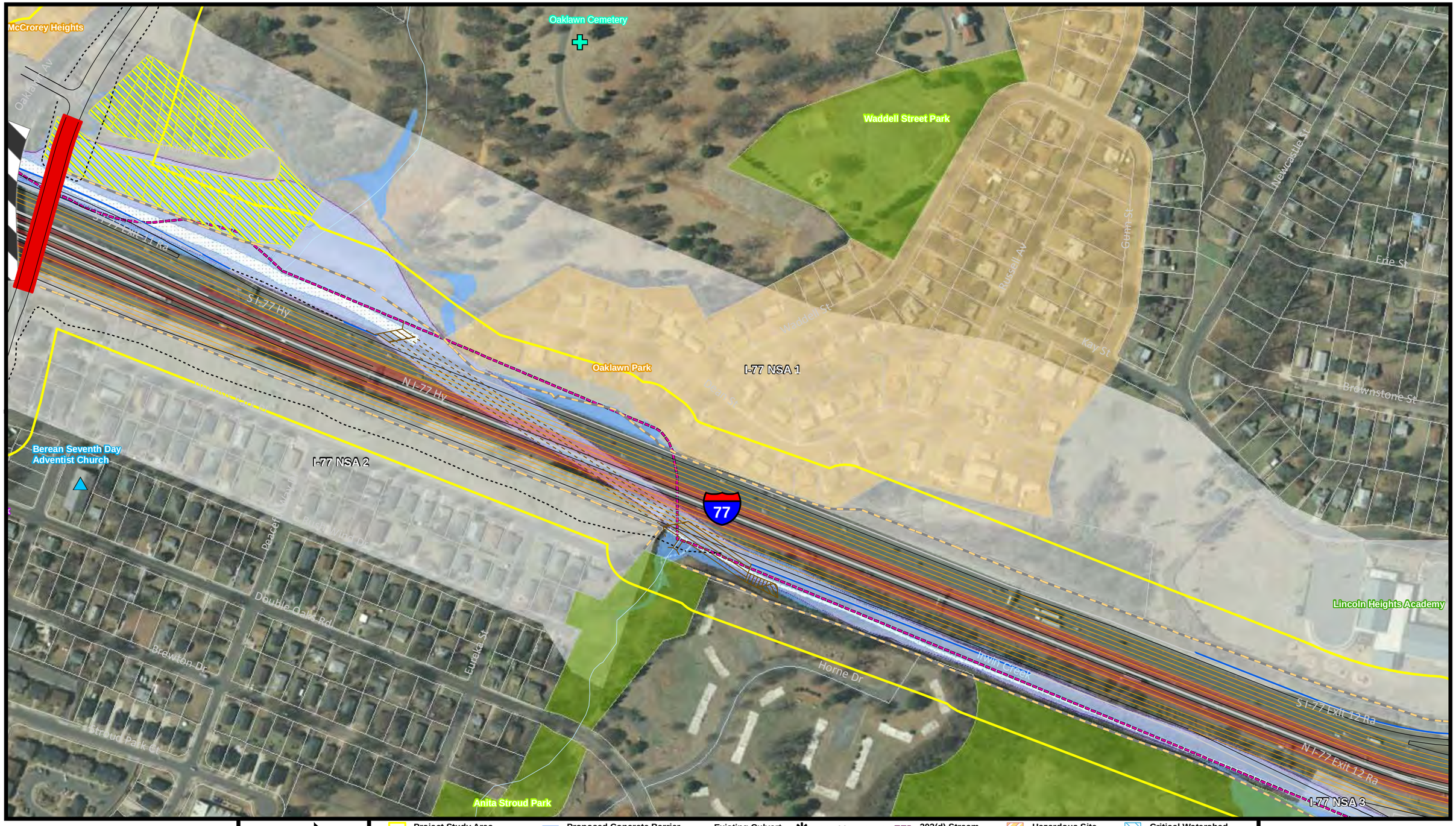
Legend

- Project Study Area
- Proposed HOT Lane
- Proposed Bridge / Widening
- Existing Bridge Removed
- Replace Existing Bridge
- Proposed Access Point
- Proposed Concrete Barrier
- Proposed Edge of Travel
- Proposed Paved Shoulder
- Proposed Culvert
- Proposed Lane Line
- Proposed Slopestake Line
- Existing Culvert
- FEMA Property
- Parcel Boundary
- School
- Church
- Notable Feature
- Historic Site (Nat'l Register)
- Cemetery
- Fire Station
- 303(d) Stream
- Creek / Stream
- Greenway
- Railroad
- Community Park
- State Owned Land
- Hazardous Site
- Lake / Pond
- Floodway
- 100 Year Floodplain
- Delineated Wetland
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 2

D

I-77_EA_MapbookAerial_Test_250scale.mxd JNL 06.25.2013



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I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
- Proposed HOT Lane
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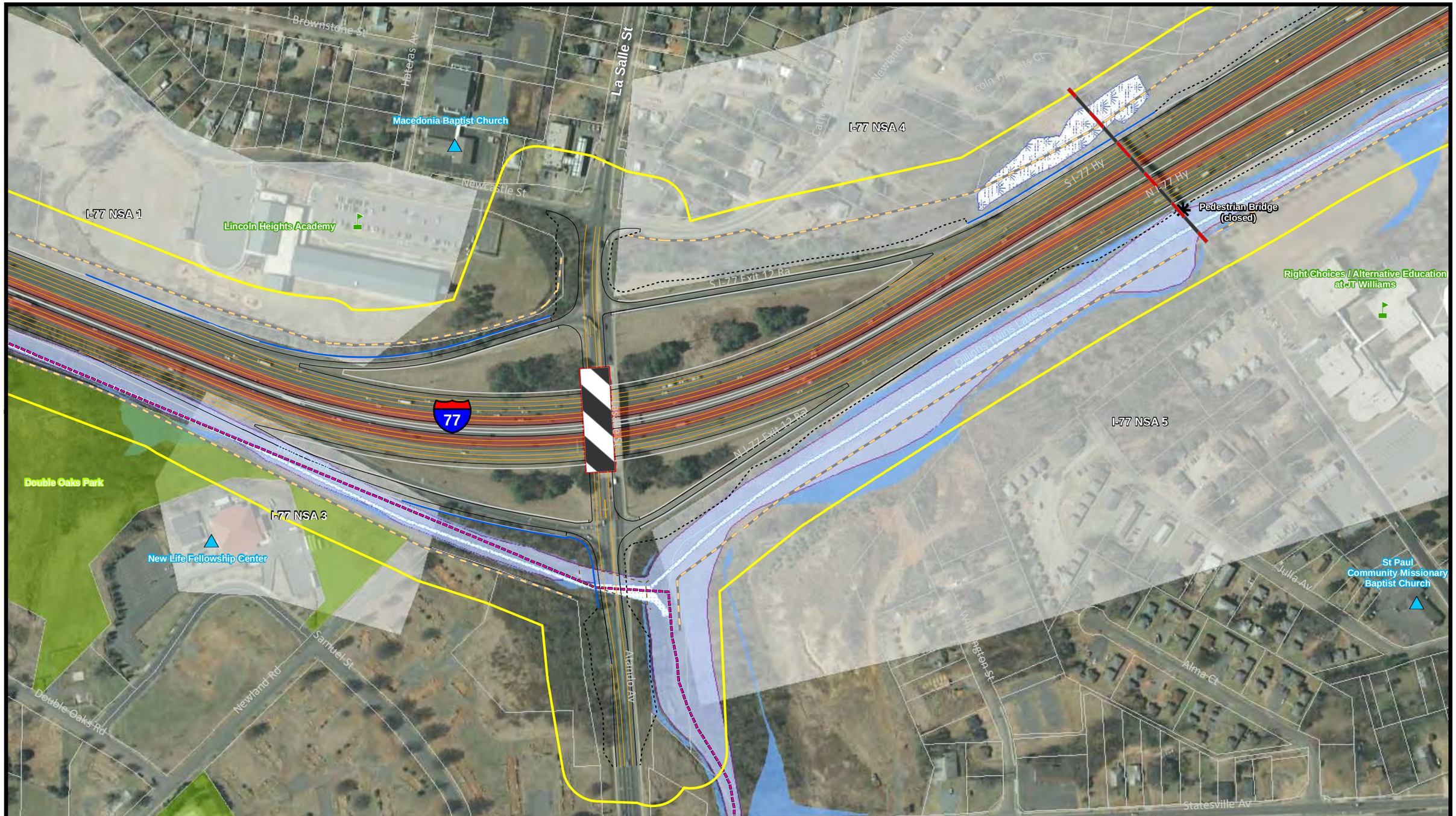
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- NSA 1 Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 2

E



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I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
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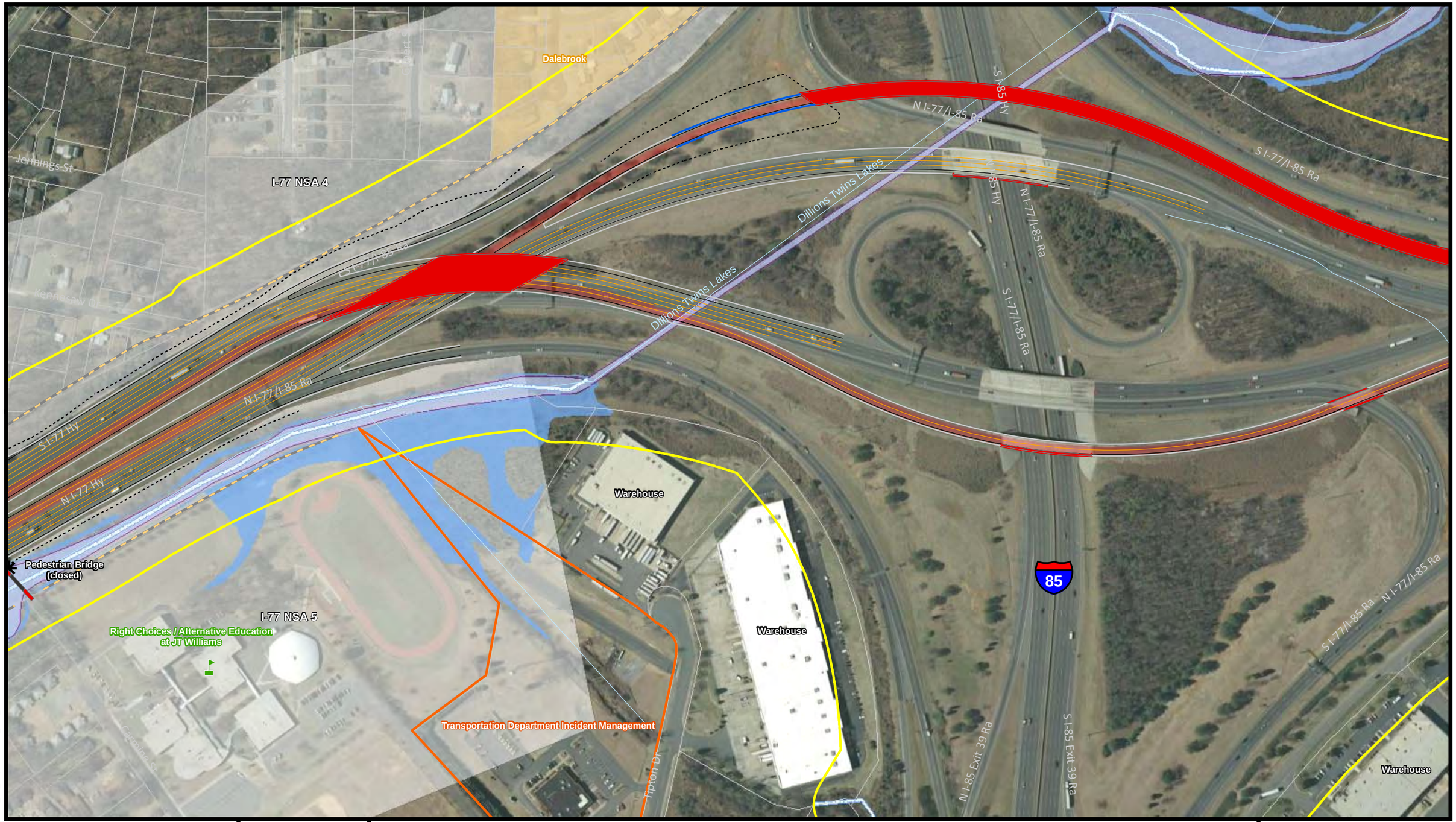
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP
ALTERNATIVE 2

F



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I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
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- Delineated Wetland
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP
ALTERNATIVE 2

G

I-77_EA_MapbookAerial_Test_250scale.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
- Proposed HOT Lane
- Proposed Bridge / Widening
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- Proposed Concrete Barrier
- Proposed Edge of Travel
- Proposed Paved Shoulder
- Proposed Culvert
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- Proposed Slopestake Line
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- 100 Year Floodplain
- Delineated Wetland
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- NSA 1 Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 2

H

I-77_EA_MapbookAerial_Test_250scale.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
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- Proposed Edge of Travel
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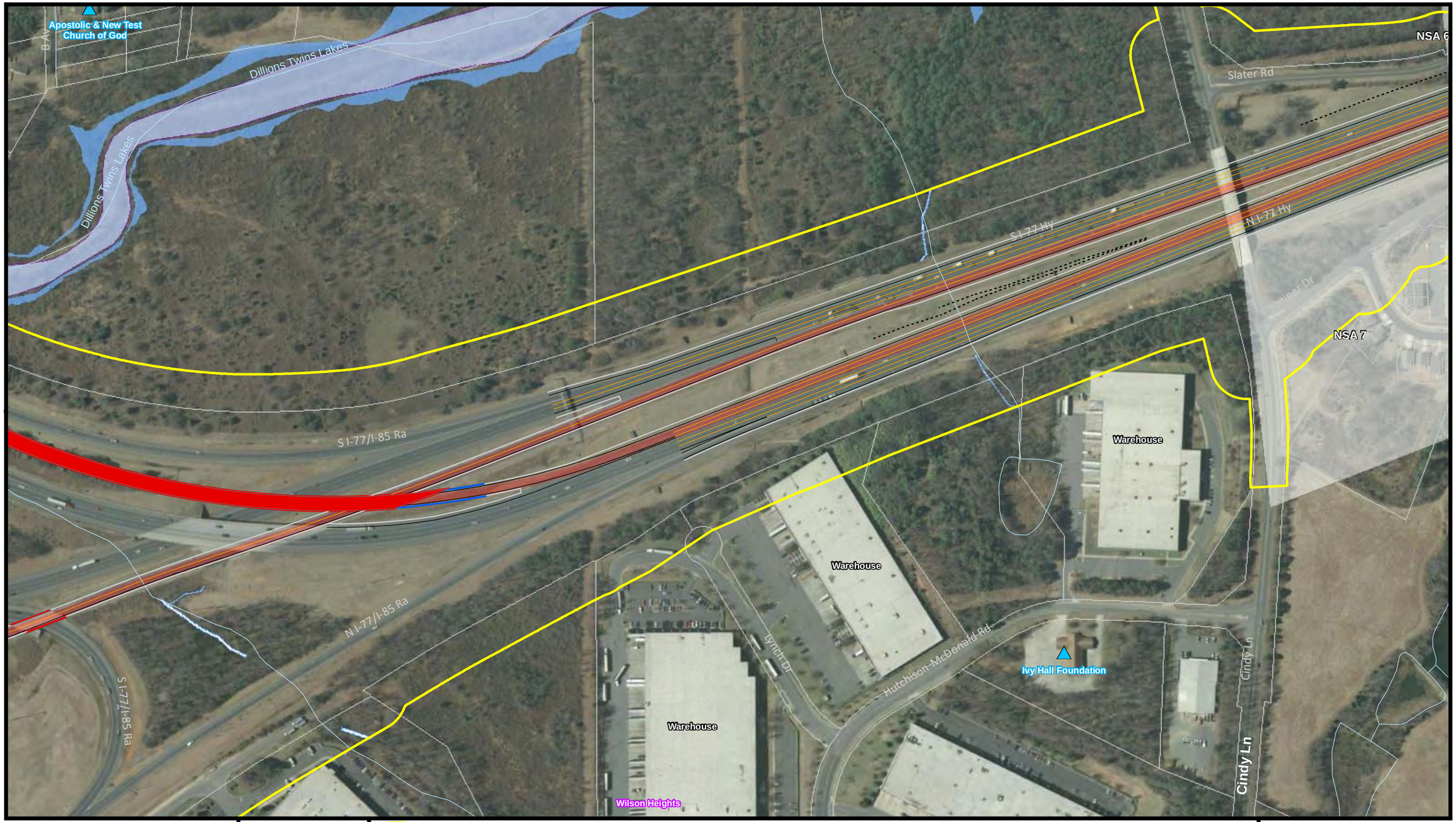
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 2

I



I-77_EA_MapbookAerial_Test_250scale.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA
Mecklenburg and Iredell Counties, North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
- Proposed HOT Lane
- Proposed Bridge / Widening
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- Proposed Edge of Travel
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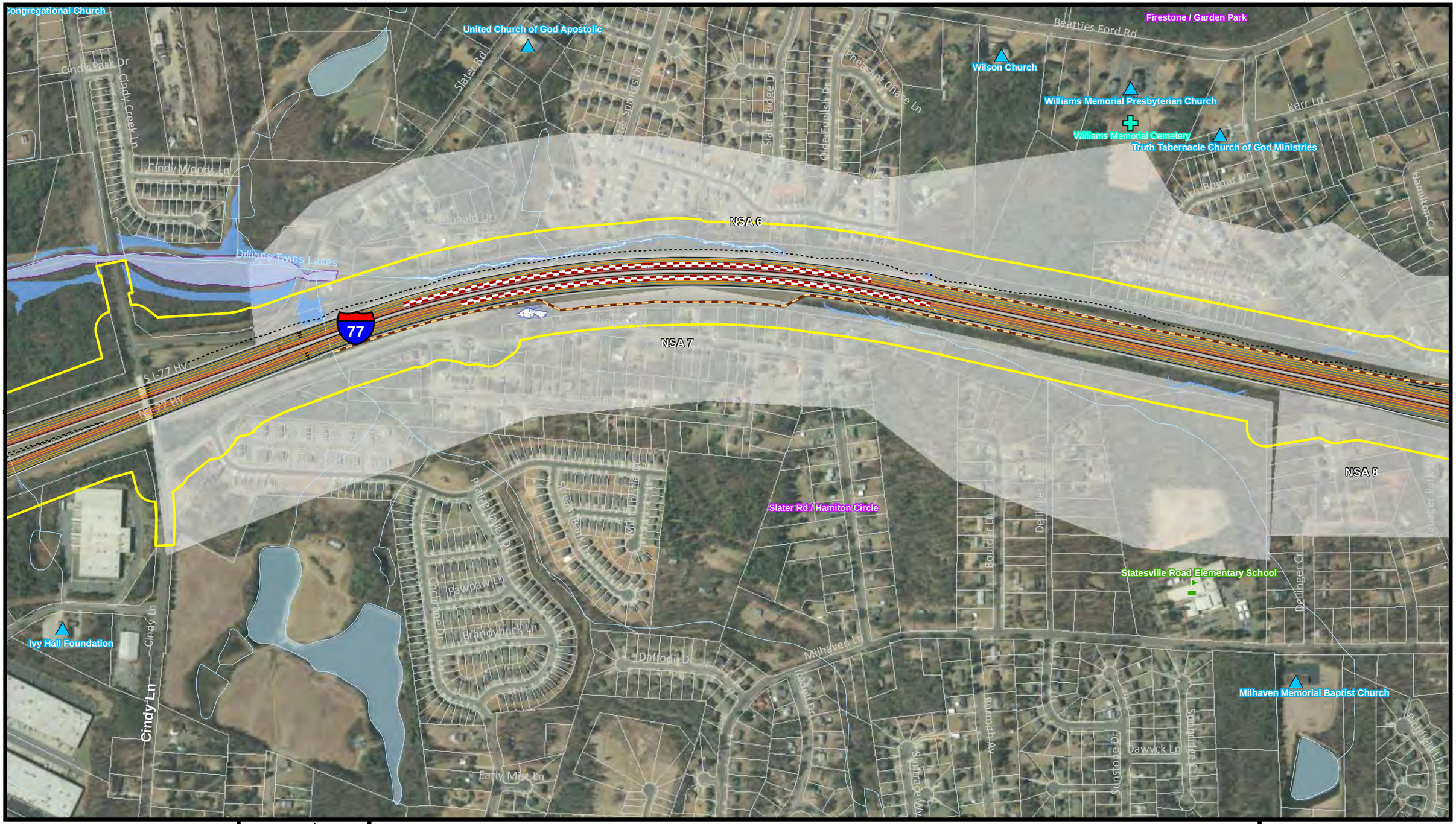
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- NSA 1 Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 2

J



I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA
Mecklenburg and Iredell Counties, North Carolina

0 250 500
Feet
Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
- Proposed HOT Lane
- Proposed Bridge / Widening
- Existing Bridge Removed
- Replace Existing Bridge
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- Proposed Concrete Barrier
- Proposed Edge of Travel
- Proposed Paved Shoulder
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- 100 Year Floodplain
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- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 2

K

I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 250 500
Feet

Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
- Proposed HOT Lane
- Proposed Bridge / Widening
- Existing Bridge Removed
- Replace Existing Bridge
- Proposed Access Point
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- Proposed Edge of Travel
- Proposed Paved Shoulder
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- 100 Year Floodplain
- Delineated Wetland
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP
ALTERNATIVE 2

L

I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 250 500
Feet

Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
- Proposed HOT Lane
- Proposed Bridge / Widening
- Existing Bridge Removed
- Replace Existing Bridge
- Proposed Access Point
- Proposed Concrete Barrier
- Proposed Edge of Travel
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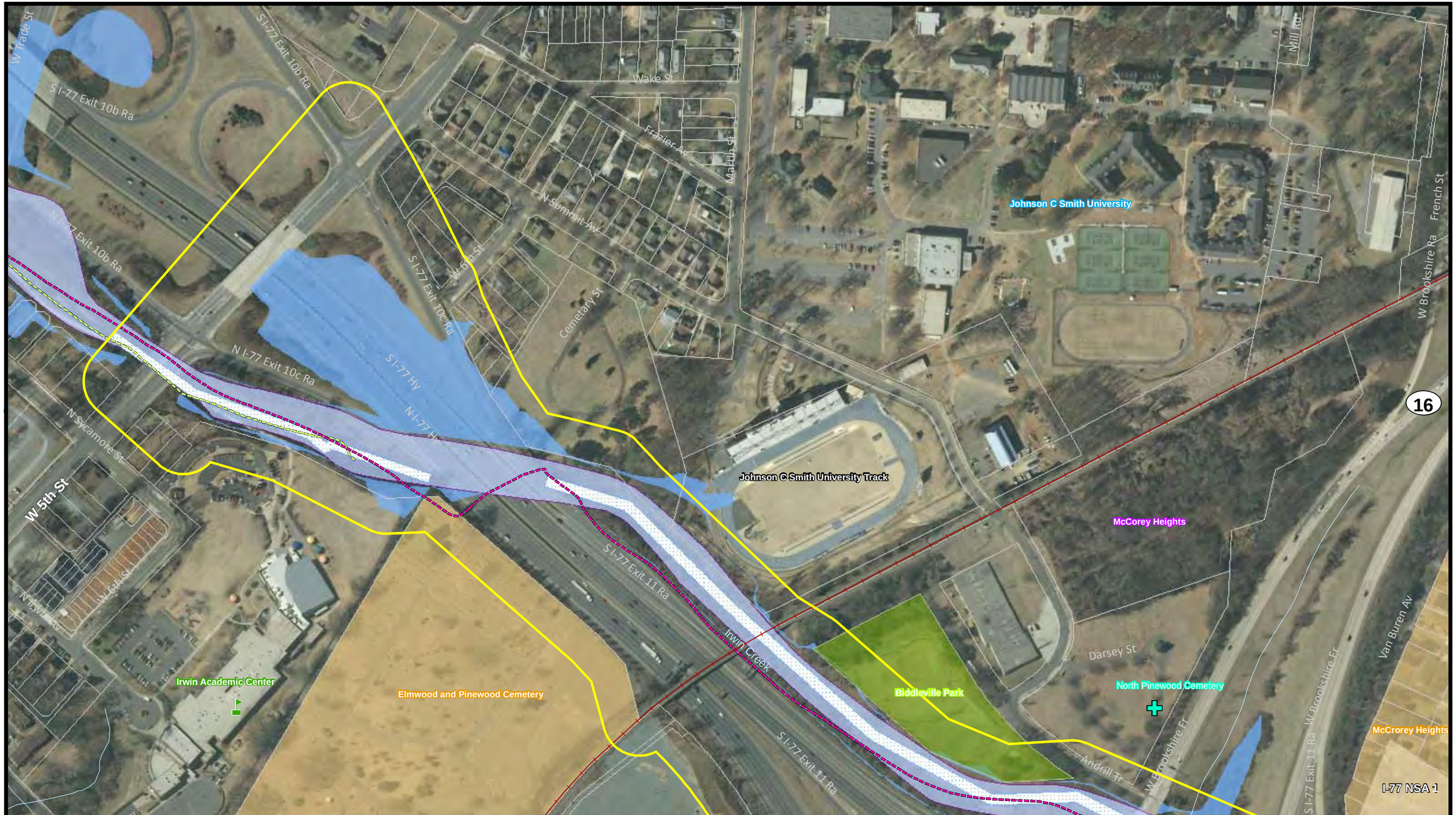
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 2

M



I-77_EA_MapbookAerial_Test_250scale_Alt3.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
- Proposed HOT Lane
- Proposed Bridge / Widening
- Existing Bridge Removed
- Replace Existing Bridge
- Proposed Access Point
- Proposed Concrete Barrier
- Proposed Edge of Travel
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- Floodway
- 100 Year Floodplain
- Delineated Wetland
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 3

C

I-77_EA_MapbookAerial_Test_250scale_All3.mxd JNL 06.25.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA
Mecklenburg and Iredell Counties, North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
- Proposed HOT Lane
- Proposed Bridge / Widening
- Existing Bridge Removed
- Replace Existing Bridge
- Proposed Access Point
- Proposed Concrete Barrier
- Proposed Edge of Travel
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- Lake / Pond
- Floodway
- 100 Year Floodplain
- Delineated Wetland
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- NSA 1 Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 3

D

I-77_EA_Mapbook-Aerial_Test_250scale_Alt3.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
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- Proposed Bridge / Widening
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- Proposed Edge of Travel
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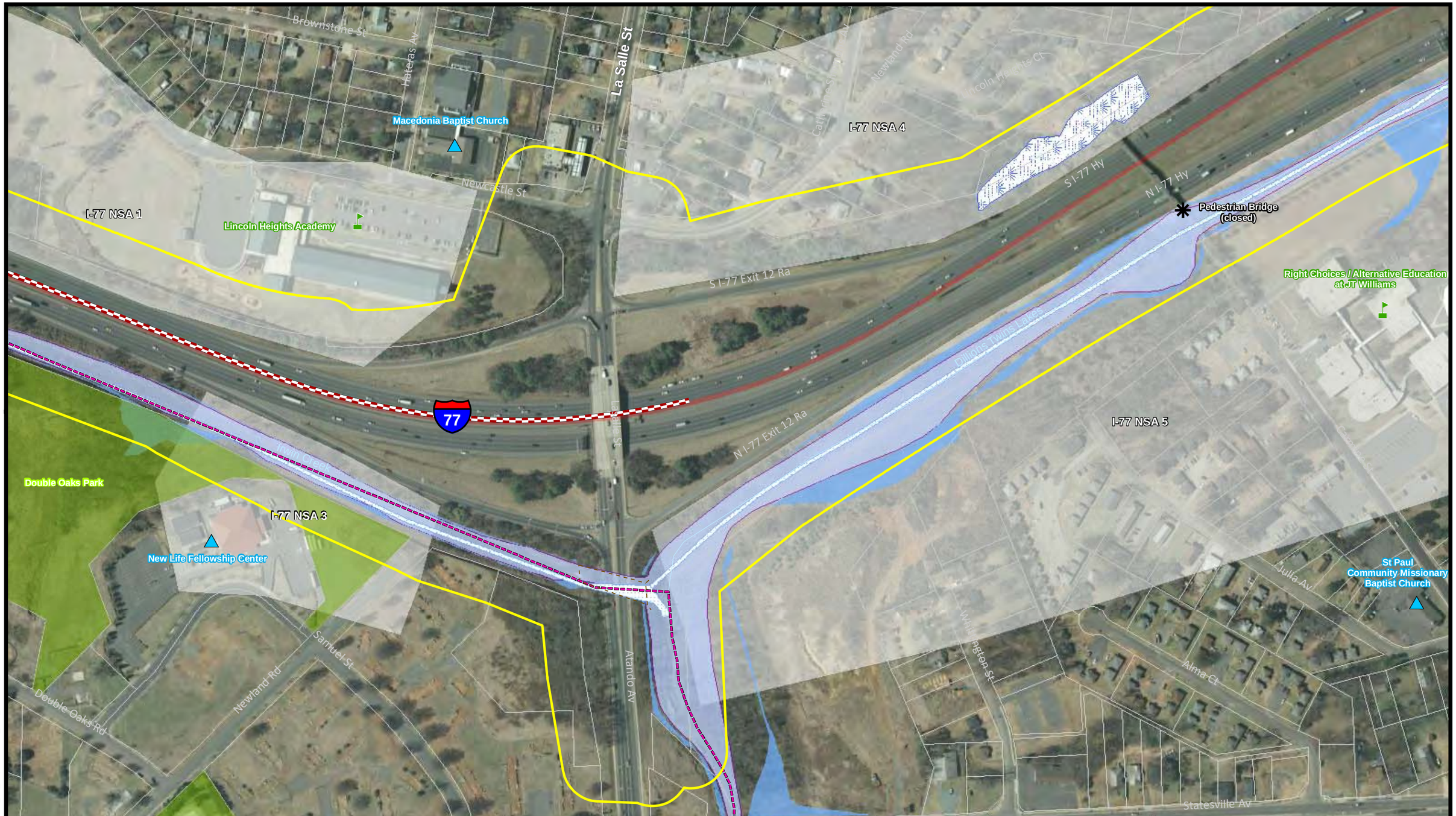
- Delineated Wetland
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- NSA 1 Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 3

E



I-77_EA_MapbookAerial_Test_250scale_All3.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA
Mecklenburg and Iredell Counties, North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
- Proposed HOT Lane
- Proposed Bridge / Widening
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- Proposed Edge of Travel
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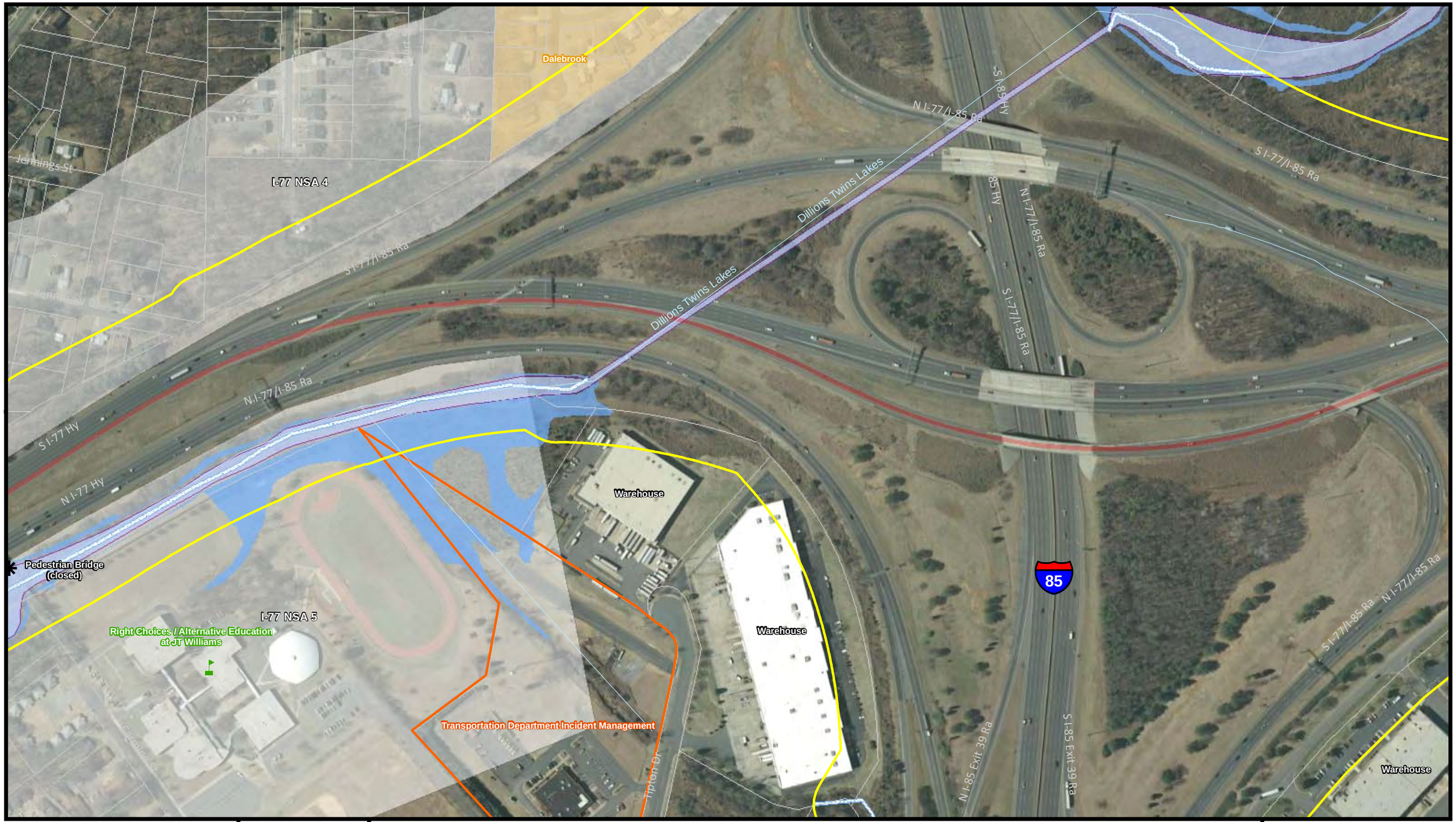
- Existing Noise Wall
- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 3

F



I-77_EA_MapbookAerial_Test_250scale_Alt3.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

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- Proposed Bridge / Widening
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- Existing Privacy Wall
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- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 3

G

I-77_EA_MapbookAerial_Test_250scale_Alt3.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
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- Proposed Bridge / Widening
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- 100 Year Floodplain
- Delineated Wetland
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- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- NSA 1 Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 3

H

I-77_EA_MapbookAerial_Test_250scale_Alt3.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

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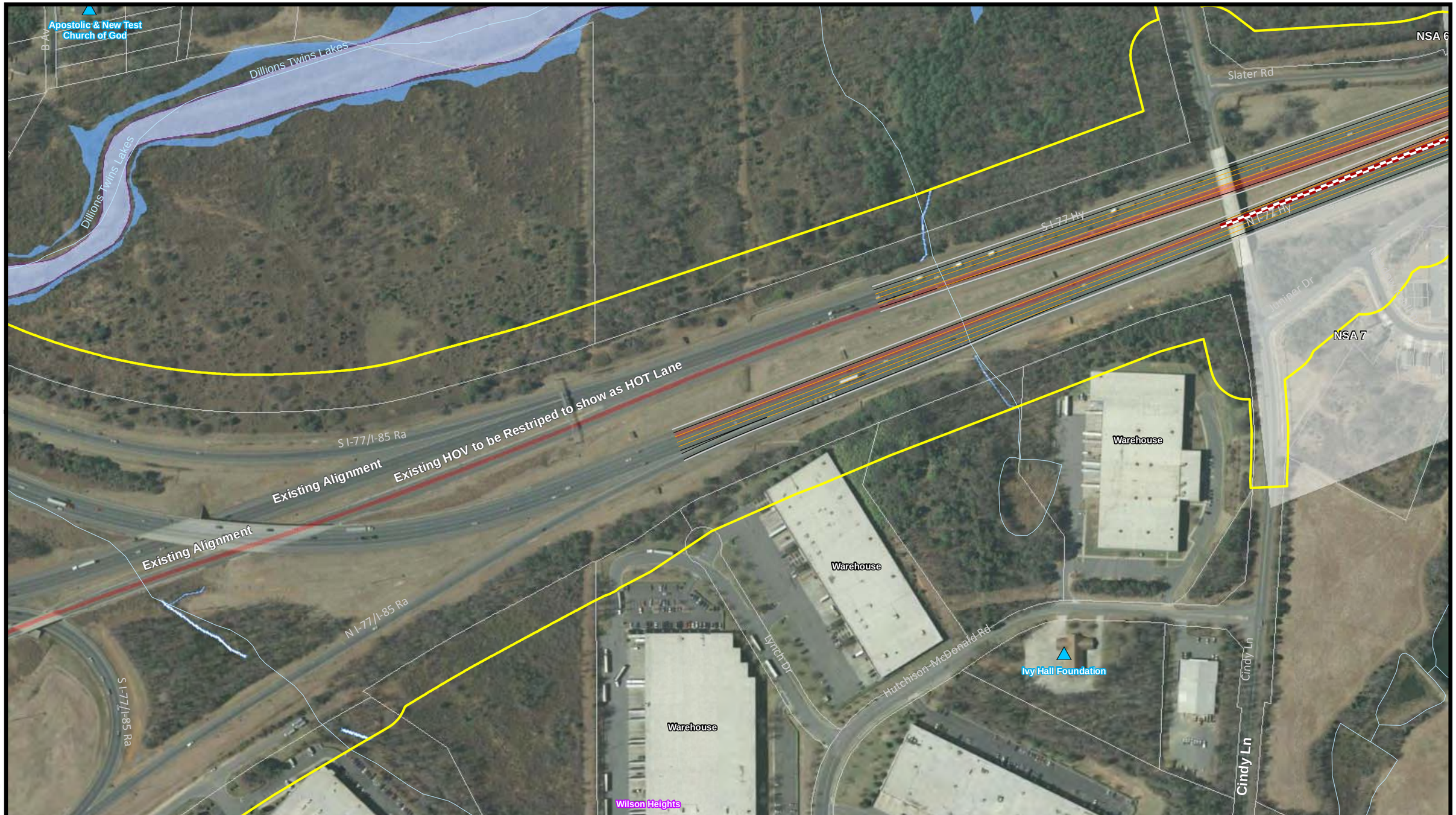
- Existing Privacy Wall
- Existing Noise Wall
- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 3

I



I-77_EA_MapbookAerial_Test_250scale_All3.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 125 250
Feet

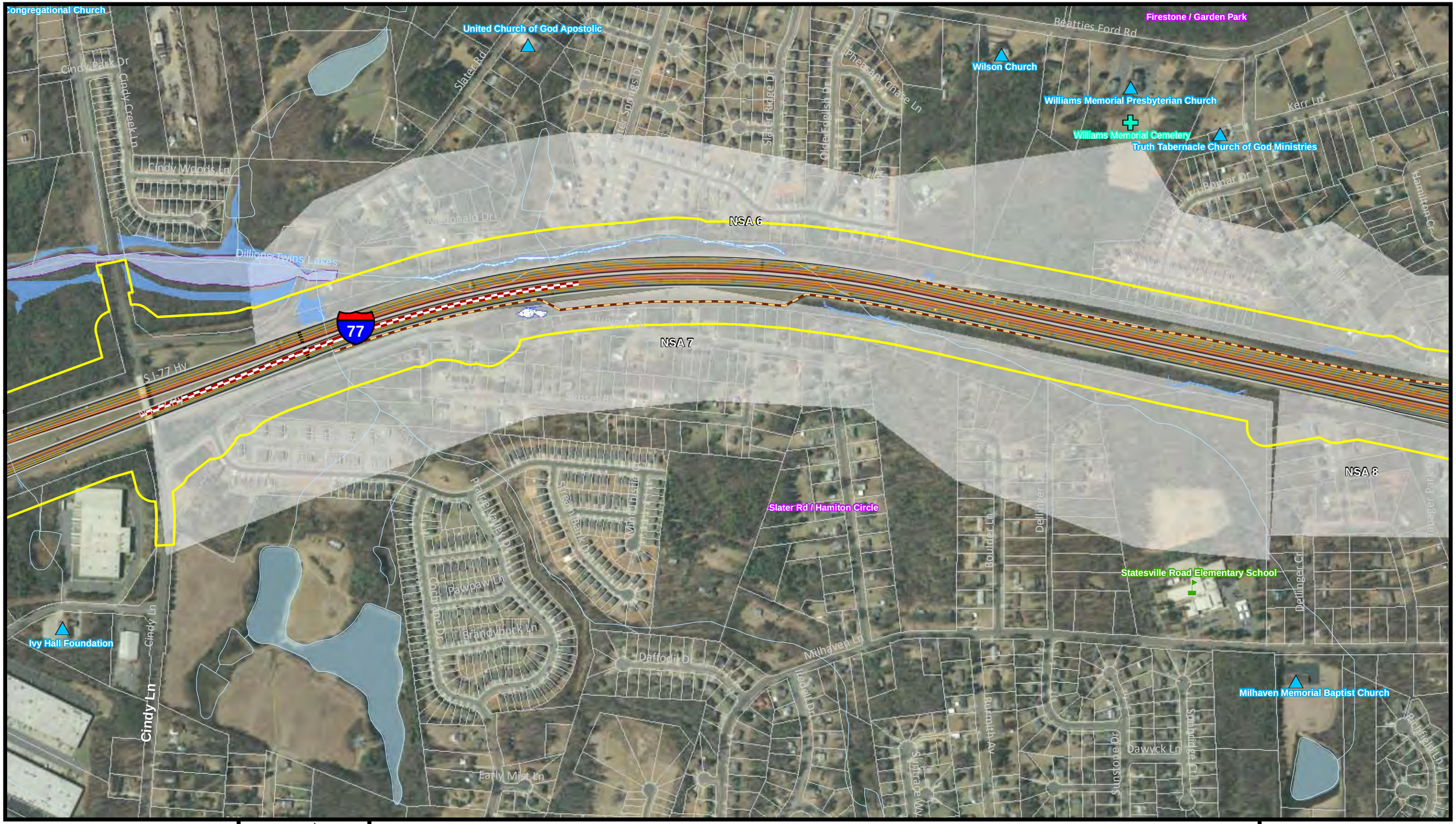
Source: NCDOT, Mecklenburg and Iredell Counties.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
- Proposed HOT Lane
- Proposed Bridge / Widening
- Existing Bridge Removed
- Replace Existing Bridge
- Proposed Access Point
- Proposed Concrete Barrier
- Proposed Edge of Travel
- Proposed Paved Shoulder
- Proposed Culvert
- Proposed Lane Line
- Proposed Slopestake Line
- Existing Culvert
- FEMA Property
- Parcel Boundary
- School
- Church
- Notable Feature
- Historic Site (Nat'l Register)
- Cemetery
- Fire Station
- 303(d) Stream
- Creek / Stream
- Greenway
- Railroad
- Community Park
- State Owned Land
- Hazardous Site
- Lake / Pond
- Floodway
- 100 Year Floodplain
- Delineated Wetland
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- NSA 1 Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 3

J



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I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA
Mecklenburg and Iredell Counties, North Carolina

0 250 500
Feet
Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
- Proposed HOT Lane
- Proposed Bridge / Widening
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- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVE 3

K

I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 250 500
Feet

Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
- Proposed HOT Lane
- Proposed Bridge / Widening
- Existing Bridge Removed
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- Proposed Concrete Barrier
- Proposed Edge of Travel
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- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP
ALTERNATIVE 3

L

I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 250 500
Feet

Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
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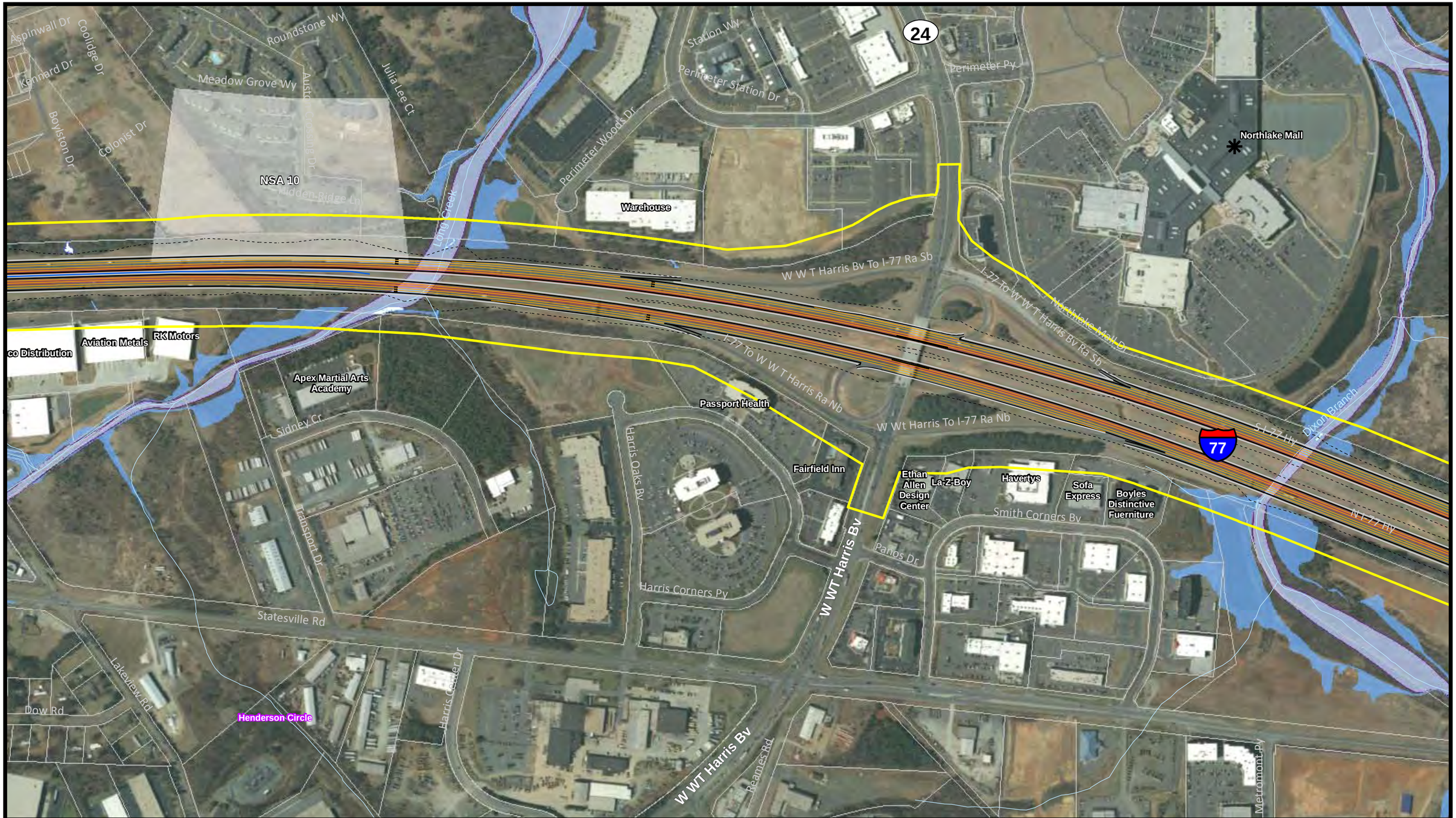
- Existing Privacy Wall
- Existing Noise Wall
- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP
ALTERNATIVE 3

M



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I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA
Mecklenburg and Iredell Counties, North Carolina

0 250 500
Feet

Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
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- Existing Privacy Wall
- Existing Noise Wall
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- County Boundary

PROJECT AREA MAP ALTERNATIVES 1, 2 & 3

N

I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 250 500
Feet

Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

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- County Boundary

PROJECT AREA MAP
ALTERNATIVES 1, 2 & 3

O

I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA
Mecklenburg and Iredell Counties, North Carolina

0 250 500
Feet

Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

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- Existing Noise Wall
- NSA 1 Noise Study Area (NSA)
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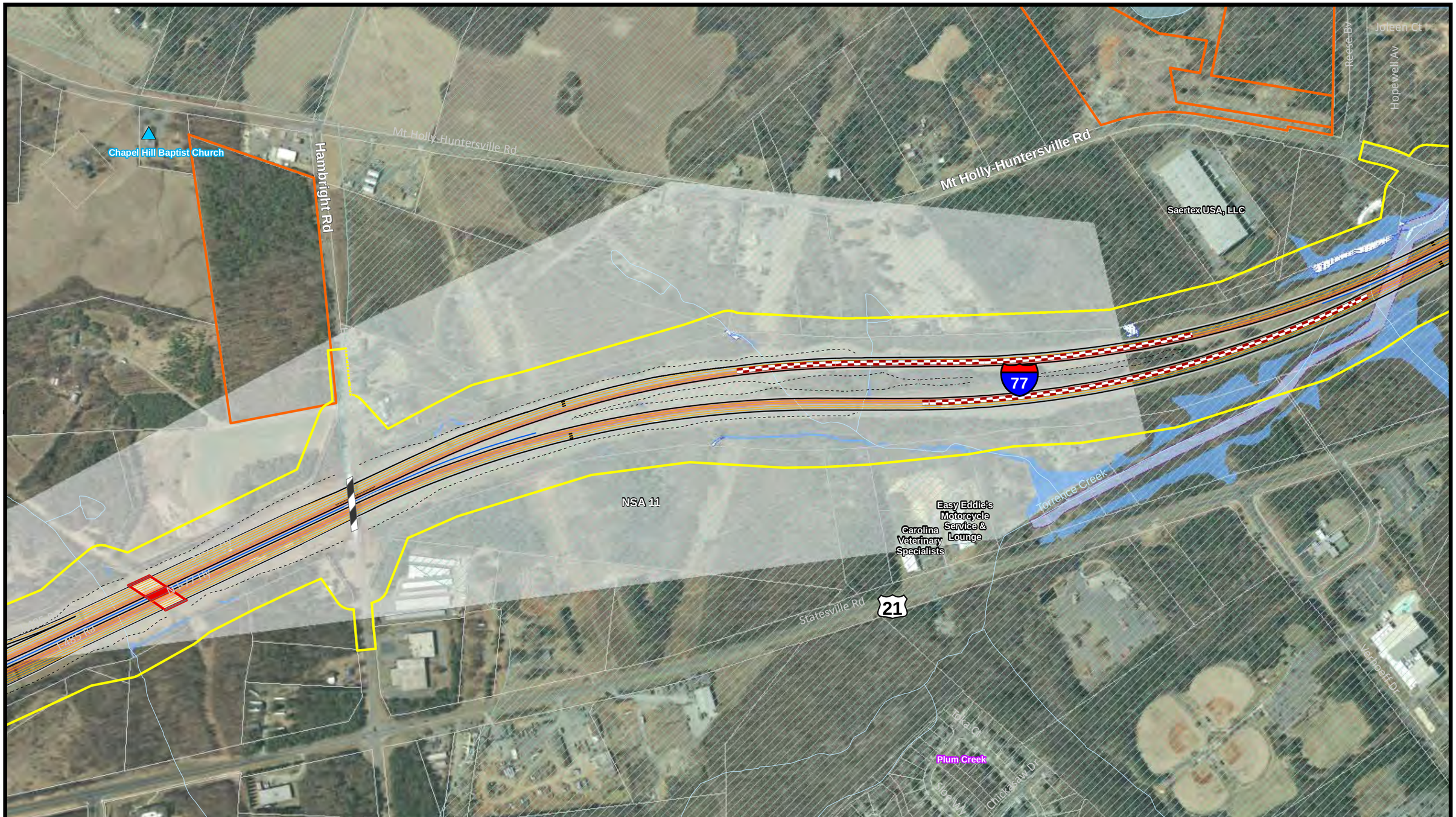
PROJECT AREA MAP ALTERNATIVES 1, 2 & 3

P



I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 250 500
Feet
Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

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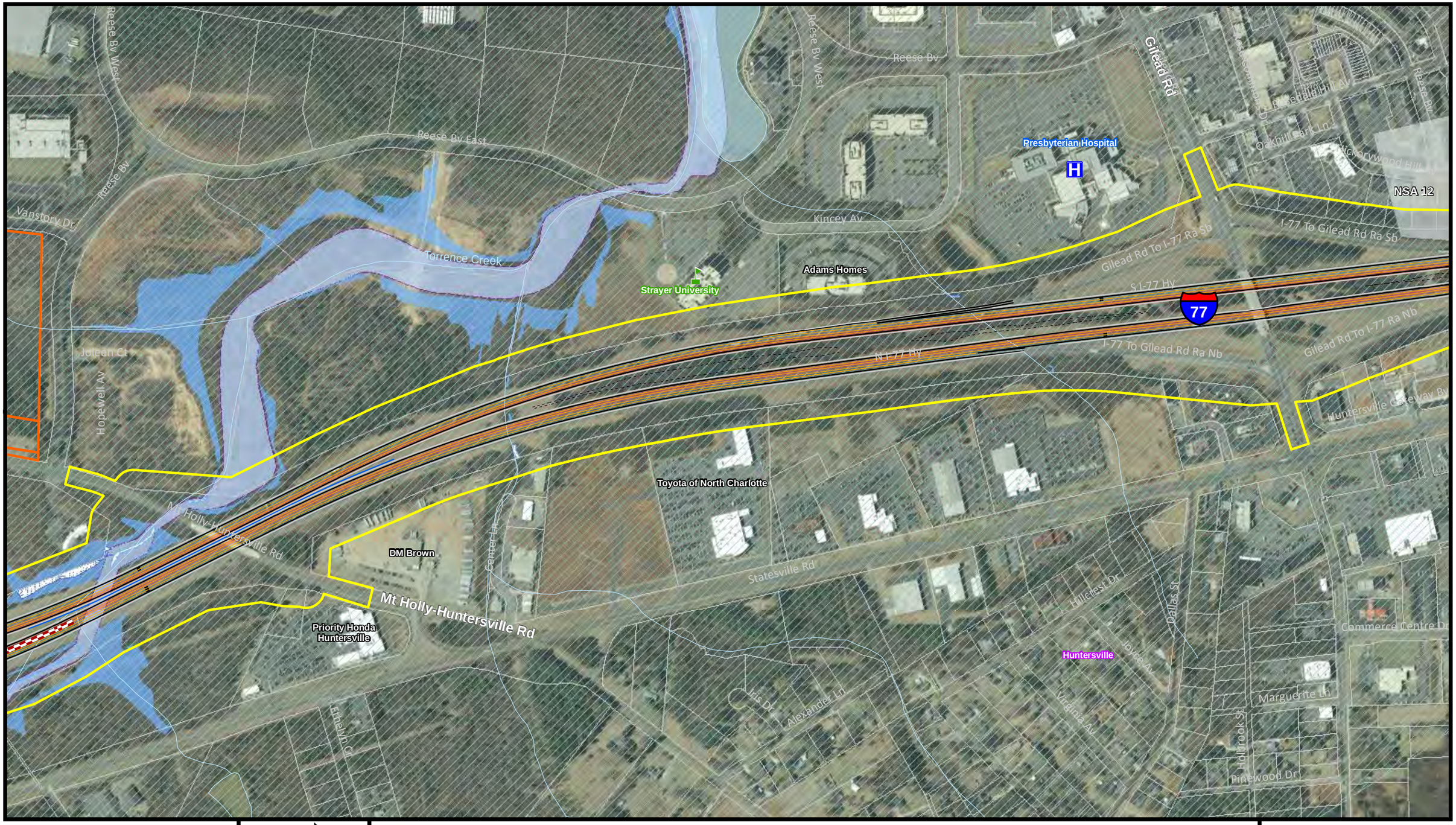
PROJECT AREA MAP ALTERNATIVES 1, 2 & 3

Q



I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 250 500
Feet

Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

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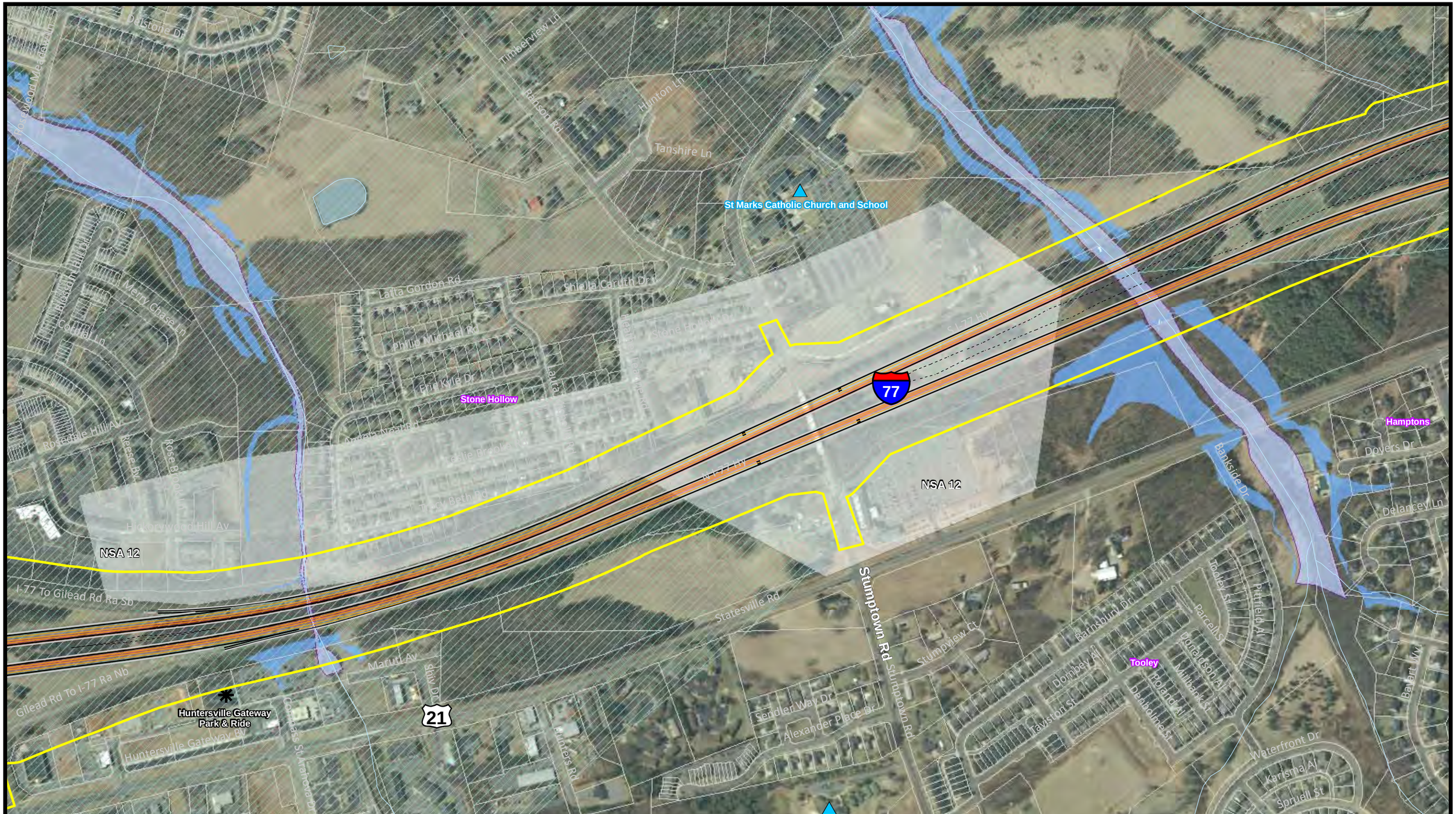
PROJECT AREA MAP
ALTERNATIVES 1, 2 & 3

R



I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 250 500
Feet

Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

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- County Boundary

PROJECT AREA MAP
ALTERNATIVES 1, 2 & 3

S

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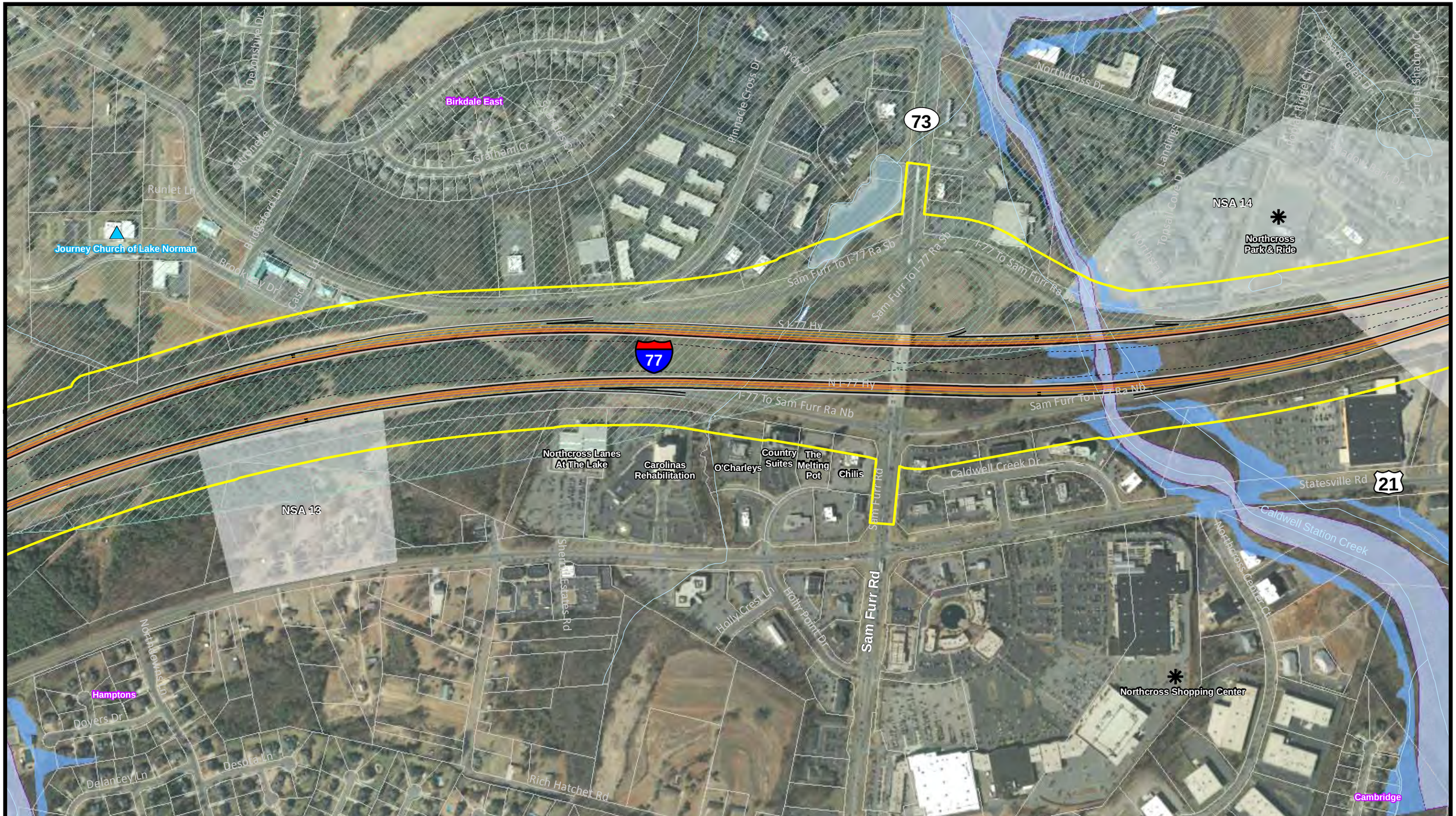

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I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA
Mecklenburg and Iredell Counties, North Carolina

0 250 500
Feet
Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

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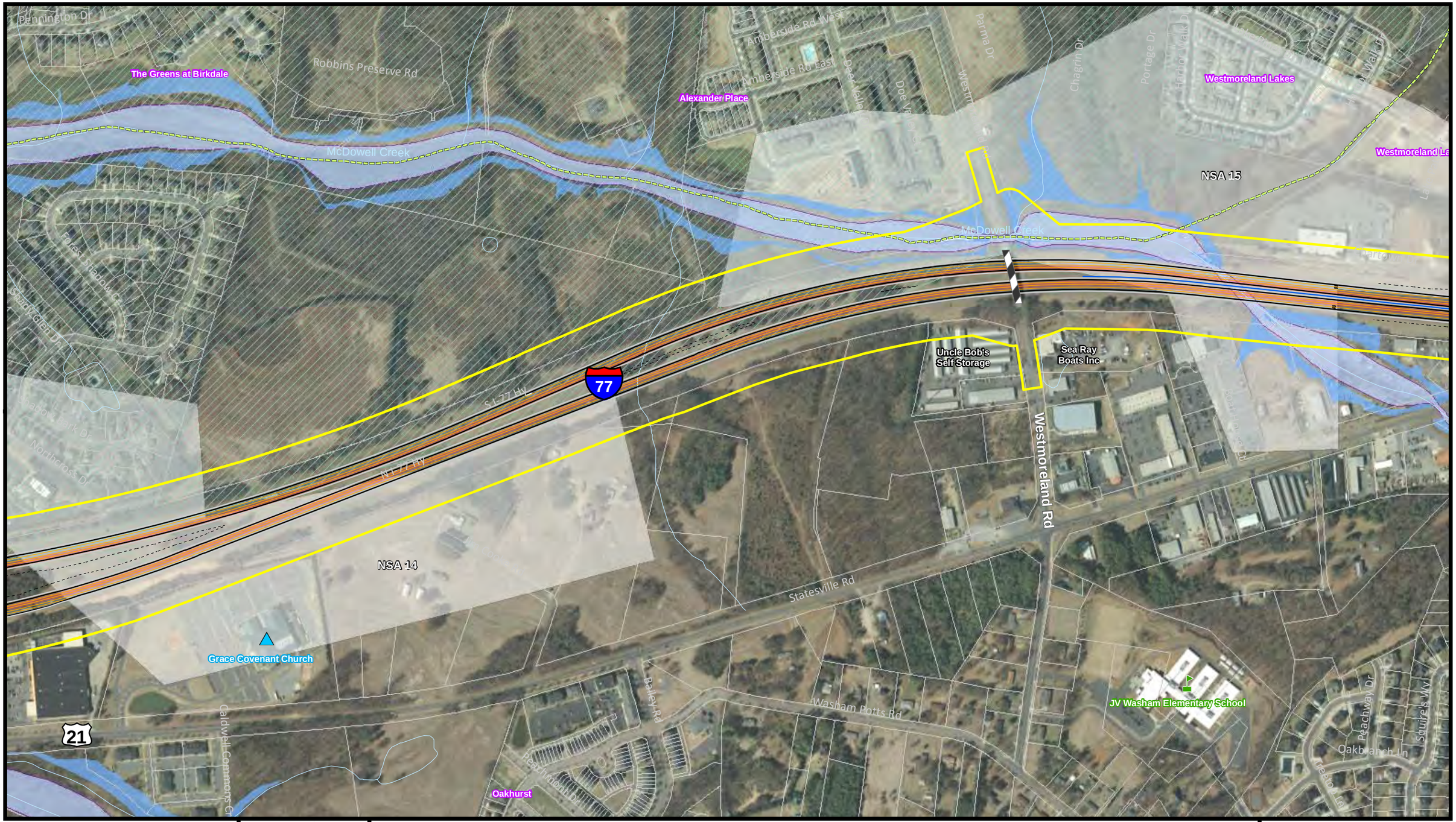
- County Boundary

PROJECT AREA MAP ALTERNATIVES 1, 2 & 3

T



I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA
Mecklenburg and Iredell Counties, North Carolina

0 250 500
Feet

Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

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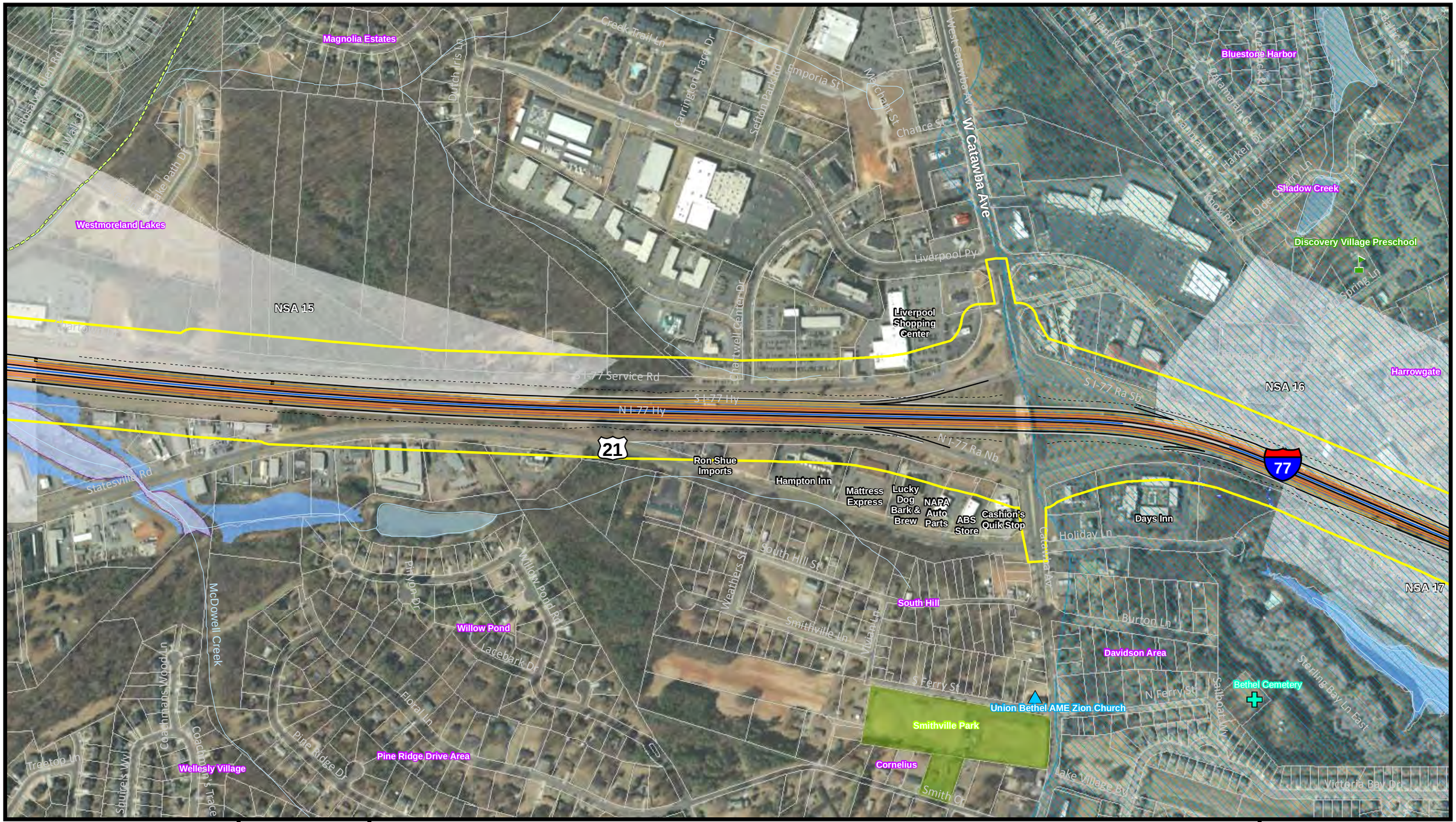
PROJECT AREA MAP ALTERNATIVES 1, 2 & 3

U



I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA
Mecklenburg and Iredell Counties, North Carolina

0 250 500
Feet

Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

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PROJECT AREA MAP ALTERNATIVES 1, 2 & 3

V

I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 250 500
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Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

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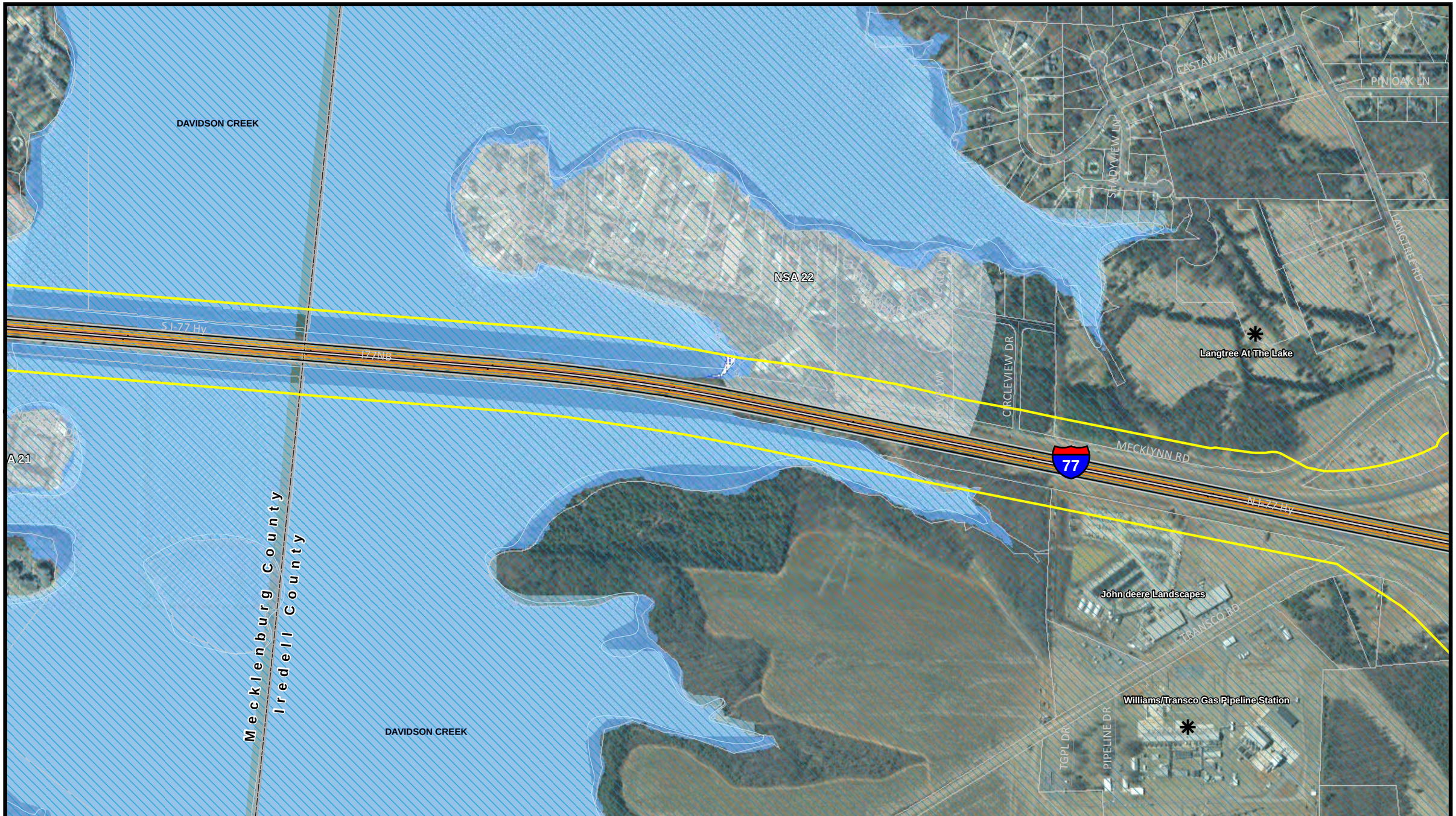
PROJECT AREA MAP ALTERNATIVES 1, 2 & 3

W



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I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 250 500
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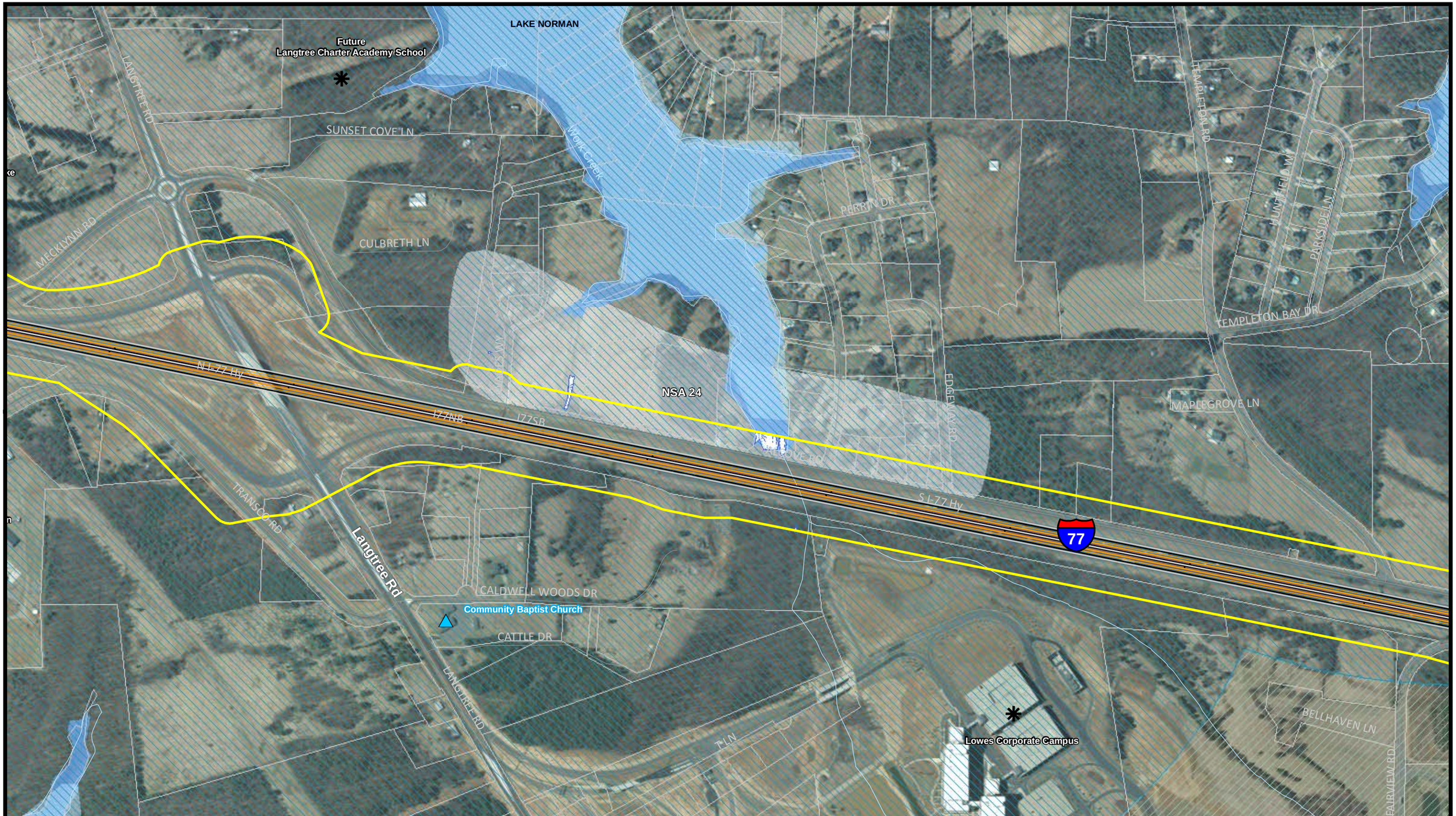
PROJECT AREA MAP
ALTERNATIVES 1, 2 & 3

X



I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 250 500
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Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

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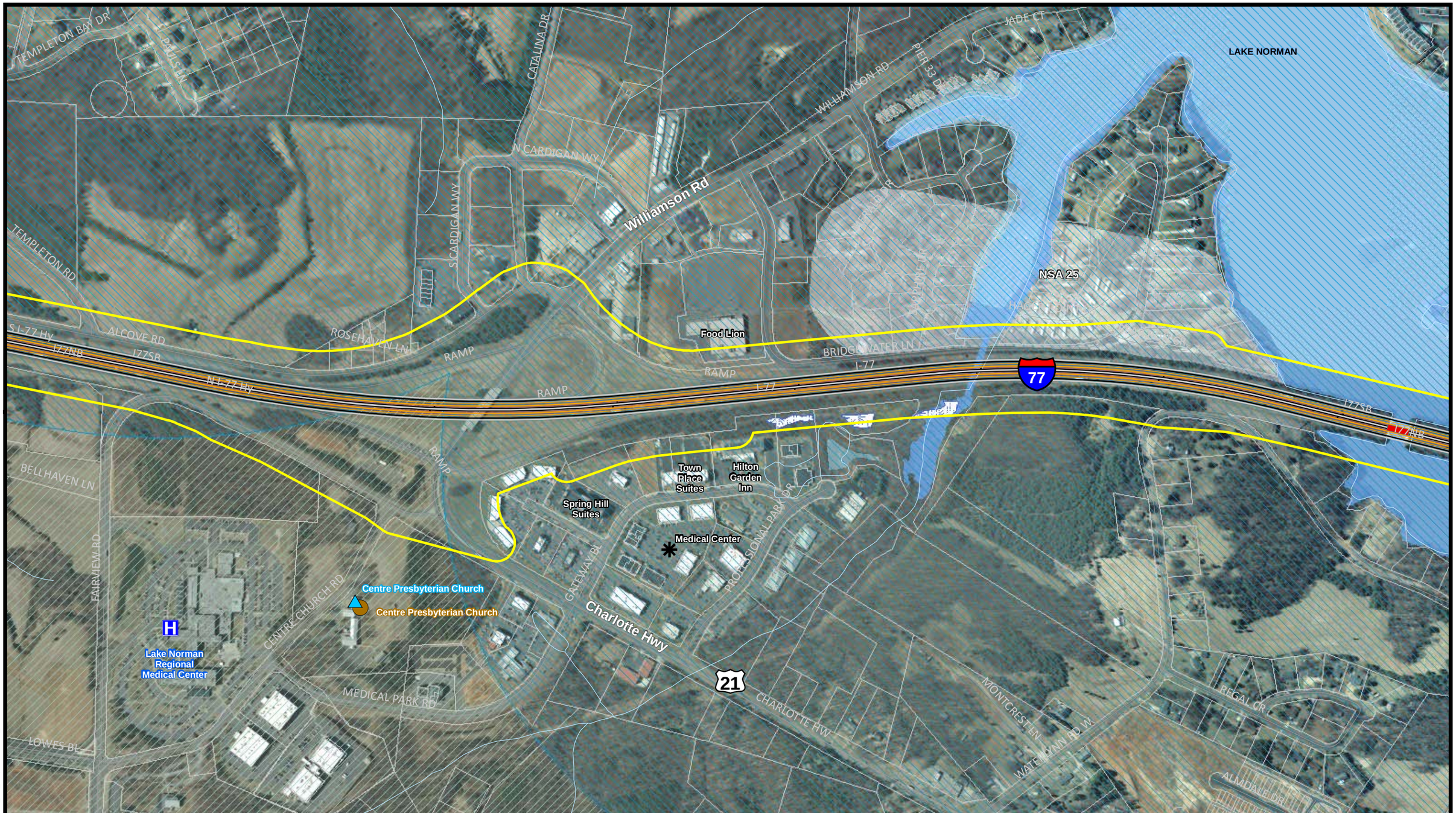
PROJECT AREA MAP ALTERNATIVES 1, 2 & 3

Y



I-77_EA_MapbookAerial_Test.mxd JNL 06.28.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 250 500
Feet

Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

- Project Study Area
- Proposed HOT Lane
- Proposed Bridge / Widening
- Existing Bridge Removed
- Replace Existing Bridge
- Proposed Access Point
- Proposed Concrete Barrier
- Proposed Edge of Travel
- Proposed Paved Shoulder
- Proposed Culvert
- Proposed Lane Line
- Proposed Slopestake Line
- Existing Culvert
- FEMA Property
- Parcel Boundary
- School
- Church
- Notable Feature
- Historic Site (Nat'l Register)
- Cemetery
- Fire Station
- 303(d) Stream
- Creek / Stream
- Greenway
- Railroad
- Community Park
- State Owned Land
- Hazardous Site
- Lake / Pond
- Floodway
- 100 Year Floodplain
- Delineated Wetland
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVES 1, 2 & 3

Z

I-77_EA_MapbookAerial_Test.mxd JNL 06.28.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA
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Feet

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- 100 Year Floodplain
- Delineated Wetland
- Delineated Stream
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- Existing Privacy Wall
- Existing Noise Wall
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- County Boundary

PROJECT AREA MAP ALTERNATIVES 1, 2 & 3

AA

I-77_EA_MapbookAerial_Test.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C, I-5405 and I-4750AA
Mecklenburg and Iredell Counties, North Carolina

0 250 500
Feet

Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

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- Delineated Wetland
- Delineated Stream
- Critical Watershed
- Protected Watershed
- Existing Privacy Wall
- Existing Noise Wall
- Noise Study Area (NSA)
- County Boundary

PROJECT AREA MAP ALTERNATIVES 1, 2 & 3

BB

I-77_EA_Mapbook-Aerial_Test.mxd JNL 06.24.2013

I-77 HOT LANES

STIP PROJECT NO. I-3311C,
I-5405 and I-4750AA
Mecklenburg and Iredell Counties,
North Carolina

0 250 500
Feet

Source: NCDOT, Mecklenburg and Iredell County.
Aerial Photo: NCCGIA 2010 Statewide Orthoimagery.

Legend

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- Delineated Stream
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- Existing Noise Wall
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- County Boundary

PROJECT AREA MAP ALTERNATIVES 1, 2 & 3

CC