

Project Development and Environmental Analysis Branch Scoping Information Sheets

<u>TIP No.:</u>	R-5724	<u>Sent Date:</u>	11/16/16
<u>WBS No.:</u>	50217.1.1	<u>Revision Date:</u>	
<u>Federal Aid No.:</u>	NA	<u>Meeting Date:</u>	12/6/16 2:00 p.m. to 4:00 p.m.
<u>Division:</u>	8		
<u>County:</u>	Chatham		

Project Description: The proposed project would widen US 15-501 from a two lane typical section to include a continuous turn lane, curb, gutter, bicycle lanes, and sidewalks from Launis Street to Powell Place Lane in the Town Pittsboro. See **Figure 1**.

General Project Need: The purpose of the proposed project is to improve this section of US 15 / US 501 as it provides a direct connection between downtown Pittsboro and US 64.

Metropolitan / Rural Planning Organization: Triangle Area RPO

NEPA/404 Merger Candidate?: Yes No To Be Determined

Feasibility Study Completed?: Yes No Date of Study:

<u>Project Schedule:</u>	<u>Type of Document:</u>	<u>Dates:</u>
Environmental Document(s):	State Minimum Criteria Checklist	2017
Right of Way Authorization Date:	Production TIP	2019
Let Date:	Production TIP	2020

<u>Cost Estimate: STIP 2016-2025</u>	Construction:	Right of Way / Utilities:	Total Cost: FY 2019-2020
R-5724	6,156,000	235,000 / 28,000	6,419,000

Design Criteria:

Length of Project: Approximately 1.4 miles along US 15 / US 501.

Right of Way:

Existing:

From south to north, approximately 60 ft near Launis Street widening to approximately 100 ft at Park Drive, and widening to approximately 130 feet near Old Rock Spring Cemetery Road.

Proposed:

Varies –Additional right of way will be needed along US 15 / US 501.

Type of Access Control:

Existing:

No control of access.

Proposed:

No control of access.

Roadway Typical Section:

Existing:

US 15 / US 501 – 2 lanes total – undivided.

Proposed:

US 15 / US 501 – 3 lanes total – undivided, 2 travel lanes and continuous center turn lane. Also included are bicycle lanes, curb and gutter, and sidewalks.

Speed:

Existing Posted Speed:

35 to 45 MPH

Proposed Design Speed:

40 – 50 MPH (to allow existing speed limits to be maintained)

Bridge/ Culvert Inventory:

No bridges present. Less than five culverts present.

Functional Classification:

Minor Arterial

Strategic Transportation Corridor Information:

NA

CTP/Thoroughfare Plan Designation (Facility Type):

Pittsboro CTP July 2011 – Major Thoroughfare

Air Quality Status:

Non-attainment

Maintenance

Attainment

Horizon Completion Year (Long Range Trans. Plan):

2040

Typical Section in Compliance with Conformity Determination?

Note: Transportation conformity is not required for Chatham County.

Yes

No

Traffic (AADT)¹:

Year

Range of Traffic

% TTST:

1%

Current Year (counts):	(2016)	15,100 to 15,900
Design Year:	(2040)	20,600 to 31,100

% Dual:

2%

1. Traffic forecast completed October 2016.

Design Standards Applicable: AASHTO 3R

Railroad Involvement:

Not Applicable

Utility Involvement:

TBD

Natural/ Human Environmental Features:

Preliminary Corridor Resources Inventory Table
(Potential impacts are within existing right-of-way unless otherwise noted.)

Resource/Measure	No-Build Alternative	R-5724
Length of project (to tenth of miles)	N/A	1.4
Potential for Interchanges or RR crossings (#)	N/A	Interchanges - 0 Intersections - 7 RR crossings - 0
Other Infrastructure (# of Wastewater treatment plants, transmission pipelines, etc.)	0	TBD
Suspected/known Hazardous Materials sites (#)	0	None anticipated
National Register or eligible sites, districts, or other historic properties (#)	0	No
Community facilities such as medical centers, nursing homes, churches, schools, cemeteries, etc. (#)	0	0 in ROW, Adjacent to Corridor: One Church – Chatham Community Church
Potentially Affected Residential Properties	0	TBD – anticipate up to 50
Potentially Affected Business Properties	0	TBD – anticipate less than 20
Wetlands (est. acres rounded to whole acre)	N/A	0.33
Streams (# of streams and number of linear feet)	0	Six stream segments (unnamed tributaries to Roberson Creek) are located primarily along the west side of the corridor totaling 3,707 feet of jurisdictional stream. Minor to no impacts anticipated from road widening. Preliminary Determination 03.31.16
Critical Water Supply Watersheds (rounded to nearest acre)	0	No
Riparian Buffer rules apply (yes/no/part)	No	Jordan Lake
Area in active agriculture (nearest acre)	N/A	N/A
Parks, Greenways, Game Lands, Land and Water Conservation Fund Properties, etc. (#)	0	0 in ROW Adjacent to Corridor - None
Identified Critical Habitat/species under ESA (yes/no/part)	N/A	Yes, habitat present for the Red-cockaded woodpecker, however the biological conclusion for the proposed project is No Effect. Natural Resources Tech Report March 1, 2016
FEMA Buyout Properties	N	No
Other known/suspected resources or issues: (identify; e.g. Low-income or minority community) (#)	N/A	Bellemont Pointe is a 76-unit new construction development serving families earning between 30 percent and 60 percent of the Area Median Income. Access to the development is via Lowes Drive.

NOTE: This table is intended to be used in conjunction with the Environmental Features Maps attached.