

CATEGORICAL EXCLUSION ACTION CLASSIFICATION FORM

TIP Project No.	<u>I-5766</u>
State Project No.	<u>530009.1.FS1</u>
Federal Project No.	<u>NHPP-0040(029)</u>

A. Project Description:

Rehabilitate pavement on I-40 in Forsyth County from 1.3 miles east of NC 150 (Peters Creek Pkwy) to NC 109 (Thomasville Rd) in Winston Salem.

B. Purpose and Need:

Rehabilitate pavement

C. Proposed Improvements:

Circle one or more of the following Type II improvements which apply to the project:

1. Modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders, or adding auxiliary lanes (e.g., parking, weaving, turning, climbing).
  - ☒ a. Restoring, Resurfacing, Rehabilitating, and Reconstructing pavement (3R and 4R improvements)
  - b. Widening roadway and shoulders without adding through lanes
  - c. Modernizing gore treatments
  - d. Constructing lane improvements (merge, auxiliary, and turn lanes)
  - e. Adding shoulder drains
  - f. Replacing and rehabilitating culverts, inlets, and drainage pipes, including safety treatments
  - g. Providing driveway pipes
  - h. Performing minor bridge widening (less than one through lane)
2. Highway safety or traffic operations improvement projects including the installation of ramp metering control devices and lighting.
  - a. Installing ramp metering devices
  - b. Installing lights
  - c. Adding or upgrading guardrail
  - d. Installing safety barriers including Jersey type barriers and pier protection
  - e. Installing or replacing impact attenuators
  - f. Upgrading medians including adding or upgrading median barriers
  - g. Improving intersections including relocation and/or realignment
  - h. Making minor roadway realignment
  - i. Channelizing traffic
  - j. Performing clear zone safety improvements including removing hazards and flattening slopes
  - k. Implementing traffic aid systems, signals, and motorist aid
  - l. Installing bridge safety hardware including bridge rail retrofit

3. Bridge rehabilitation, reconstruction, or replacement or the construction of grade separation to replace existing at-grade railroad crossings.
    - a. Rehabilitating, reconstructing, or replacing bridge approach slabs
    - b. Rehabilitating or replacing bridge decks
    - c. Rehabilitating bridges including painting (no red lead paint), scour repair, fender systems, and minor structural improvements
    - d. Replacing a bridge (structure and/or fill)
  4. Transportation corridor fringe parking facilities.
  5. Construction of new truck weigh stations or rest areas.
  6. Approvals for disposal of excess right-of-way or for joint or limited use of right-of-way, where the proposed use does not have significant adverse impacts.
  7. Approvals for changes in access control.
  8. Construction of new bus storage and maintenance facilities in areas used predominantly for industrial or transportation purposes where such construction is not inconsistent with existing zoning and located on or near a street with adequate capacity to handle anticipated bus and support vehicle traffic.
  9. Rehabilitation or reconstruction of existing rail and bus buildings and ancillary facilities where only minor amounts of additional land are required and there is not a substantial increase in the number of users.
  10. Construction of bus transfer facilities (an open area consisting of passenger shelters, boarding areas, kiosks and related street improvements) when located in a commercial area or other high activity center in which there is adequate street capacity for projected bus traffic.
  11. Construction of rail storage and maintenance facilities in areas used predominantly for industrial or transportation purposes where such construction is not inconsistent with existing zoning and where there is no significant noise impact on the surrounding community.
  12. Acquisition of land for hardship or protective purposes, advance land acquisition loans under section 3(b) of the UMT Act. Hardship and protective buying will be permitted only for a particular parcel or a limited number of parcels. These types of land acquisition qualify for a CE only where the acquisition will not limit the evaluation of alternatives, including shifts in alignment for planned construction projects, which may be required in the NEPA process. No project development on such land may proceed until the NEPA process has been completed.
- D. Special Project Information: (Include Environmental Commitments and Permits Required.) Project involves replacement of existing asphalt and the existing footprint will not be altered.
- E. Threshold Criteria

The following evaluation of threshold criteria must be completed for Type II actions

<u>ECOLOGICAL</u>	<u>YES</u>	<u>NO</u>
(1) Will the project have a substantial impact on any unique or important natural resource?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(2) Does the project involve habitat where federally listed endangered or threatened species may occur?	<input type="checkbox"/>	<input type="checkbox"/>
(3) Will the project affect anadromous fish?	<input type="checkbox"/>	<input type="checkbox"/>
(4) If the project involves wetlands, is the amount of permanent and/or temporary wetland taking less than one-third (1/3) of an acre and have all practicable measures to avoid and minimize wetland takings been evaluated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(5) Will the project require the use of U. S. Forest Service lands?	<input type="checkbox"/>	<input type="checkbox"/>
(6) Will the quality of adjacent water resources be adversely impacted by proposed construction activities?	<input type="checkbox"/>	<input type="checkbox"/>
(7) Does the project involve waters classified as Outstanding Water Resources (OWR) and/or High Quality Waters (HQW)?	<input type="checkbox"/>	<input type="checkbox"/>
(8) Will the project require fill in waters of the United States in any of the designated mountain trout counties?	<input type="checkbox"/>	<input type="checkbox"/>
(9) Does the project involve any known underground storage tanks (UST's) or hazardous materials sites?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>PERMITS AND COORDINATION</u>	<u>YES</u>	<u>NO</u>
(10) If the project is located within a CAMA county, will the project significantly affect the coastal zone and/or any "Area of Environmental Concern" (AEC)?	<input type="checkbox"/>	<input type="checkbox"/>
(11) Does the project involve Coastal Barrier Resources Act resources?	<input type="checkbox"/>	<input type="checkbox"/>
(12) Will a U. S. Coast Guard permit be required?	<input type="checkbox"/>	<input type="checkbox"/>
(13) Will the project result in the modification of any existing regulatory floodway?	<input type="checkbox"/>	<input type="checkbox"/>
(14) Will the project require any stream relocations or channel	<input type="checkbox"/>	<input type="checkbox"/>

changes?	<input type="checkbox"/>	<u>  x  </u>
<u>SOCIAL, ECONOMIC, AND CULTURAL RESOURCES</u>	<u>YES</u>	<u>NO</u>
(15) Will the project induce substantial impacts to planned growth or land use for the area?	<input type="checkbox"/>	<u>  x  </u>
(16) Will the project require the relocation of any family or business?	<input type="checkbox"/>	<u>  x  </u>
(17) Will the project have a disproportionately high and adverse human health and environmental effect on any minority or low-income population?	<input type="checkbox"/>	<u>  x  </u>
(18) If the project involves the acquisition of right of way, is the amount of right of way acquisition considered minor?	<u>  x  </u>	<input type="checkbox"/>
(19) Will the project involve any changes in access control?	<input type="checkbox"/>	<u>  x  </u>
(20) Will the project substantially alter the usefulness and/or land use of adjacent property?	<input type="checkbox"/>	<u>  x  </u>
(21) Will the project have an adverse effect on permanent local traffic patterns or community cohesiveness?	<input type="checkbox"/>	<u>  x  </u>
(22) Is the project included in an approved thoroughfare plan and/or Transportation Improvement Program (and is, therefore, in conformance with the Clean Air Act of 1990)?	<u>  x  </u>	<input type="checkbox"/>
(23) Is the project anticipated to cause an increase in traffic volumes?	<input type="checkbox"/>	<u>  x  </u>
(24) Will traffic be maintained during construction using existing roads, staged construction, or on-site detours?	<u>  x  </u>	<input type="checkbox"/>
(25) If the project is a bridge replacement project, will the bridge be replaced at its existing location (along the existing facility) and will all construction proposed in association with the bridge replacement project be contained on the existing facility?	<u>  x  </u>	<input type="checkbox"/>
(26) Is there substantial controversy on social, economic, or environmental grounds concerning the project?	<input type="checkbox"/>	<u>  x  </u>
(27) Is the project consistent with all Federal, State, and local laws relating to the environmental aspects of the project?	<u>  x  </u>	<input type="checkbox"/>
(28) Will the project have an "effect" on structures/properties eligible for or listed on the National Register of Historic Places?	<input type="checkbox"/>	<u>  x  </u>
(29) Will the project affect any archaeological remains which are	<input type="checkbox"/>	<u>          </u>

- important to history or pre-history? ☐   x
- (30) Will the project require the use of Section 4(f) resources (public parks, recreation lands, wildlife and waterfowl refuges, historic sites, or historic bridges, as defined in Section 4(f) of the U. S. Department of Transportation Act of 1966)? ☐   x
- (31) Will the project result in any conversion of assisted public recreation sites or facilities to non-recreation uses, as defined by Section 6(f) of the Land and Water Conservation Act of 1965, as amended? ☐   x
- (32) Will the project involve construction in, across, or adjacent to a river designated as a component of or proposed for inclusion in the Natural System of Wild and Scenic Rivers? ☐   x

F. Additional Documentation Required for Unfavorable Responses in Part E  
(Discussion regarding all unfavorable responses in Part E should be provided below. Additional supporting documentation may be attached, as necessary.)

NONE

G. CE Approval

TIP Project No. I-5766  
State Project No. 530009.1.FS1  
Federal-Aid Project No. NHPP-0040(029)

**Project Description:** (Include project scope and location. Attach location map.)


Rehabilitate pavement on I-40 in Forsyth County from 1.3 miles east of NC 150 (Peters Creek Pkwy) to NC 109 (Thomasville Rd) in Winston Salem.

**Categorical Exclusion Action Classification:** (Check one)


<u>x</u>	TYPE II(A)
<u>          </u>	TYPE II(B)

Approved:

9/21/16  
Date

  
Division Environmental Officer

9/21/14  
Date

  
Division Engineer

For Type II(B) projects only:

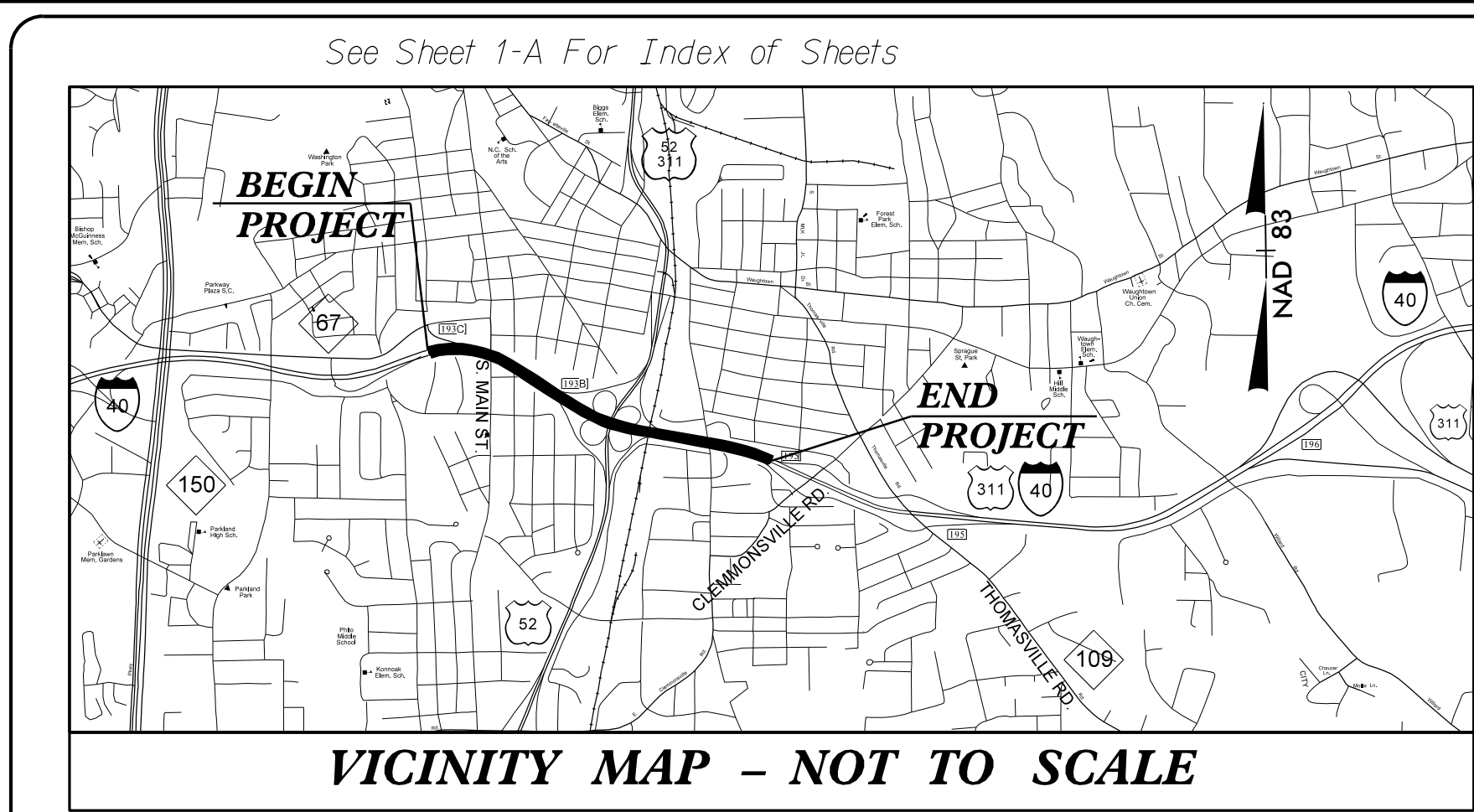
Date \_\_\_\_\_ Division Administrator  
Federal Highway Administration

13-APR-2016 08:09  
S:\DDC\2016-16-15766-140-Forsyth\15766-ddc-tsh.dgn  
wblanton AT DIV9-294552

09/08/99

CONTRACT: CXXXXXXXXX

TIP PROJECT: I-5766



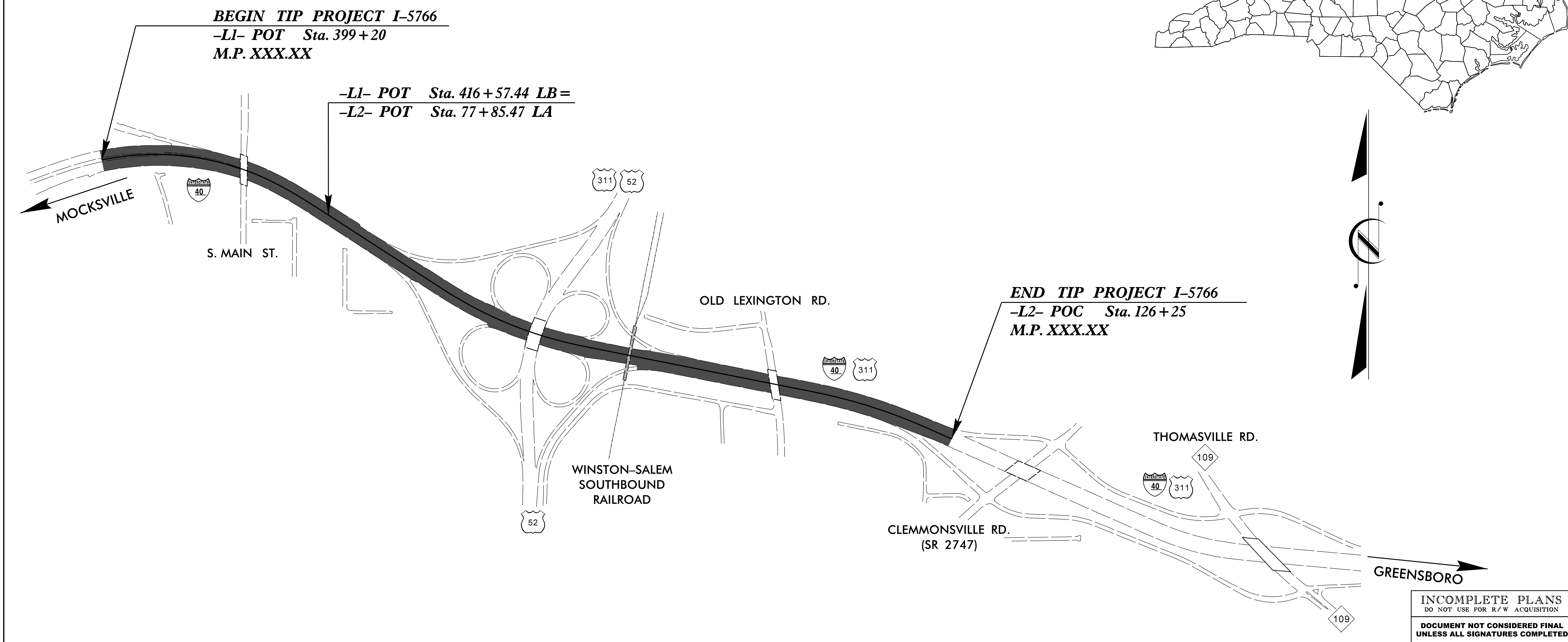
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**FORSYTH COUNTY**

**LOCATION: I-40 FROM 0.9 MILES EAST OF NC 150 TO 0.25 MILES EAST OF OLD LEXINGTON RD. IN WINSTON-SALEM**

**TYPE OF WORK: PAVEMENT REHABILITATION**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5766	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
53009.1.1	NHPP-0040(029)	PE	
53009.3.1	NHPP-0040(029)	CONST	



GRAPHIC SCALES

N/A

DESIGN DATA

ADT 2013 = 103,000  
ADT =  
K = %  
D = %  
T = % \*  
V = 70 MPH  
\* TTST = DUAL  
FUNC CLASS =  
INTERSTATE  
STATEWIDE TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT I-5765 = 1.246 MILES  
TOTAL LENGTH TIP PROJECT I-5765 = 1.246 MILES

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
1000 Birch Ridge Dr., Raleigh NC, 27610

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE  
N/A

LETTING DATE:  
MAY 16, 2017

J. BRETT ABERNATHY, PE, PLS  
PROJECT ENGINEER

WILLIAM A. BLANTON, PE, PLS  
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

SIGNATURE: P.E.

ROADWAY DESIGN ENGINEER

SIGNATURE: P.E.