

## MINIMUM CRITERIA DETERMINATION CHECKLIST

The following questions provide direction in determining when the Department is required to prepare environmental documents for state-funded construction and maintenance activities. Answer questions for Parts A through C by checking either “Yes” or “No”. Complete Part D of the checklist when Minimum Criteria Rule categories #8, 12(i) or #15 are used.

**TIP Project No.:**

**State Project No.:** 2018CPT.03.21.10311

**Project Location:** NC 241 from NC 41 to Lenoir County in Duplin County

**Project Description:** Widening and Resurfacing for FY 2019

This project is for the widening (2 feet on each side) and resurfacing (1.5 inches of S9.5B) of NC 241 and associated pipe replacements listed in the attached table. Pipe replacements are required due to failure or poor condition of existing pipes which could result in failure in the near future.

**Anticipated Permit or Consultation Requirements:** NWP 3 & WQC 4132

The following table summarizes the proposed pipe work for NC 241:

Road	Location	Existing	Proposed	Impacts	Jurisdiction
Site 1: NC 241	345' north of SR 1709 35.011569, -77.752489	24" x 60' RCP	48" x 60' CMP w/ HW	N/A	Not jurisdictional within the R/W.
Site 2: NC 241	0.68 mile north of SR 1710 34.98939, -77.757805)	24" x 52' RCP	(2) @ 36" CMP x 50' w/HW. One pipe should be directly aligned to the channel and properly buried (20% of pipe diameter below natural stream channel) The other pipe should serve	Temporary open water impacts <0.01 acre. Temporary stream impacts: 10 linear feet.	Jurisdictional (404 and 401 permits needed). Tributary on inlet, UT to Little Limestone Creek (C; Sw) on outlet.

			as an overflow pipe. Riprap may be needed to construct a floodplain if the overflow pipe can't be raised.		
Site 3: NC 241	375' north of SR 1736 (34.968208, -77.762876)	2@30" x 52' RCP	48" x 50' CMP w/ HW	Temporary open water impacts <0.01 acre.	Jurisdictional tributary (404 and 401 permits needed).
Site 4: NC 241	0.23 miles south of SR 1700 (34.950430, -77.767127)	24" RCP x 52'	48" RCP x 50'	Temporary wetland impacts: 200 sq. feet.	Jurisdictional wetlands exist beyond pipe installation (404 and 401 impacts needed).
Site 5: NC 241	At intersection of SR 1709 (35.010604, -77.752581)	Repair joint under pavement		N/A	Not jurisdictional (404 and 401 permits not needed)
Site 6: NC 241	0.25 mile S of SR 1736 (34.963600, -77.763977)	Repair end joint		Temporary Open Water Impacts <0.01 acres.	Jurisdictional (404 and 401 permits needed)

**Special Project Information:**

Sites 2, 3, 4, and 6 convey jurisdictional waters. Therefore 404 and 401 permits will be needed for impacts. These impacts are approved under Nationwide 3 (NWP 3) and WQC #4132 permits.

There is no habitat for federally listed Threatened and Endangered species within the project limits.

There are no National Register listed properties or districts within the project limits, and the project will be within the existing, improved right of way.

Approved BMPs from NCDOT's Best Management Practices for Construction and Maintenance Activities shall be used in the construction of this project.

**PART A: MINIMUM CRITERIA**

***Item 1 to be completed by the Engineer.***

1. Is the proposed project listed as a type and class of activity allowed under the Minimum Criteria Rule in which environmental documentation is not required?

**YES**

**NO**

If the answer to number 1 is “no”, then the project does not qualify as a minimum criteria project. A state environmental assessment is required.

If yes, under which category? **8a, 8d, and 9.**

If either category #8, #12(i) or #15 is used complete Part D of this checklist.

**PART B: MINIMUM CRITERIA EXCEPTIONS**

***Items 2 – 4 to be completed by the Engineer.***

2. Could the proposed activity cause significant changes in land use concentrations that would be expected to create adverse air quality impacts?
3. Will the proposed activity have secondary impacts or cumulative impacts that may result in a significant adverse impact to human health or the environment?
4. Is the proposed activity of such an unusual nature or does the proposed activity have such widespread implications, that an uncommon concern for its environmental effects has been expressed to the Department?

**YES**

**NO**

***Item 5-8 to be completed by Division Environmental Officer.***

5. Does the proposed activity have a significant adverse effect on wetlands; surface waters such as rivers, streams, and estuaries; parklands; prime or unique agricultural lands; or areas of recognized scenic, recreational, archaeological, or historical value?
6. Will the proposed activity endanger the existence of a species on the Department of Interior's threatened and endangered species list?
7. Could the proposed activity cause significant changes in land use concentrations that would be expected to create adverse water quality or ground water impacts?
8. Is the proposed activity expected to have a significant adverse effect on long-term recreational benefits or shellfish, finfish, wildlife, or their natural habitats

If any questions 2 through 8 are answered “yes”, the proposed project may not qualify as a Minimum Criteria project. A state environmental assessment (EA) may be required. For assistance, contact:

Manager, Project Development and Environmental Analysis Branch  
P. O. Box 25201  
Raleigh, NC 27611  
(919) 733 –3141  
Fax: (919) 733-9794

**PART C: COMPLIANCE WITH STATE AND FEDERAL REGULATIONS**

<i>Items 9- 12 to be completed by Division Environmental Officer.</i>	<b>YES</b>	<b>NO</b>
9. Is a federally protected threatened or endangered species, or its habitat, likely to be impacted by the proposed action?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. Does the action require the placement of temporary or permanent fill in waters of the United States?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Does the project require the placement of a significant amount of fill in high quality or relatively rare wetland ecosystems, such as mountain bogs or pine savannahs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12. Is the proposed action located in an Area of Environmental Concern, as defined in the coastal Area Management Act?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<i>Items 13 – 15 to be completed by the Engineer.</i>		
13. Does the project require stream relocation or channel changes?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Cultural Resources

14. Will the project have an “effect” on a property or site listed on the National Register of Historic Places?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15. Will the proposed action require acquisition of additional right of way from publicly owned parkland or recreational areas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Questions in Part “C” are designed to assist the Engineer and the Division Environmental Officer in determining whether a permit or consultation with a state or federal resource agency may be required. If any questions in Part “C” are answered “yes”, follow the appropriate permitting procedures prior to beginning project construction.

**PART D:( To be completed when either category #8, 12(i) or #15 of the rules are used.)**

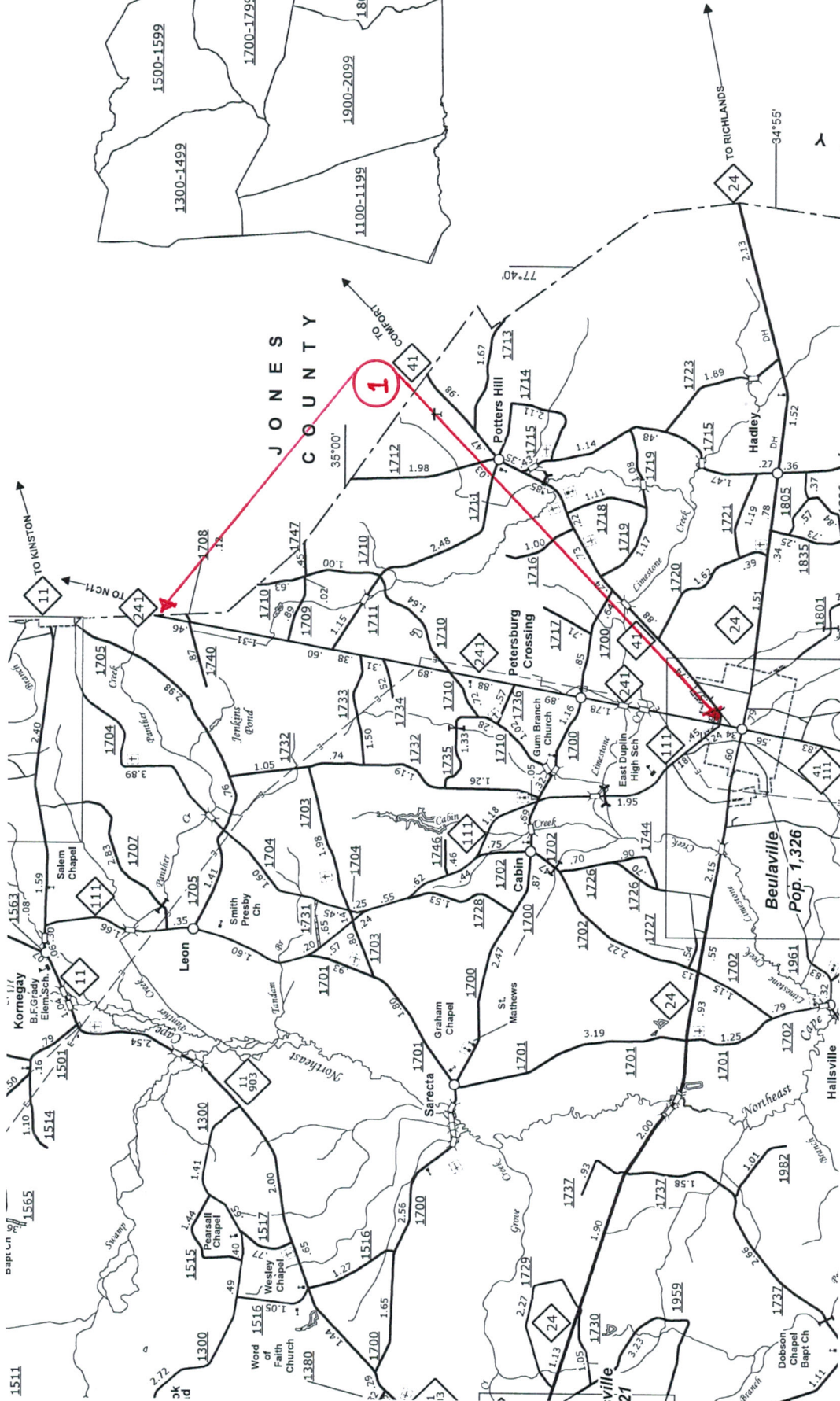
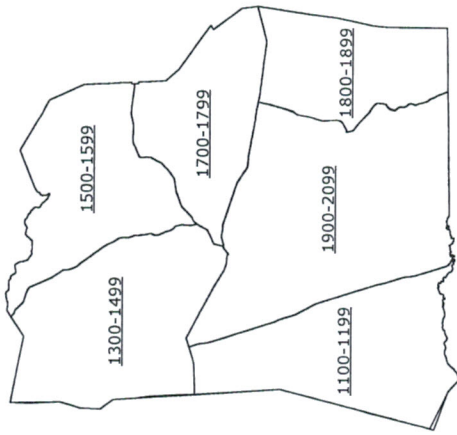
***Items 16- 22 to be completed by Division Environmental Officer.***

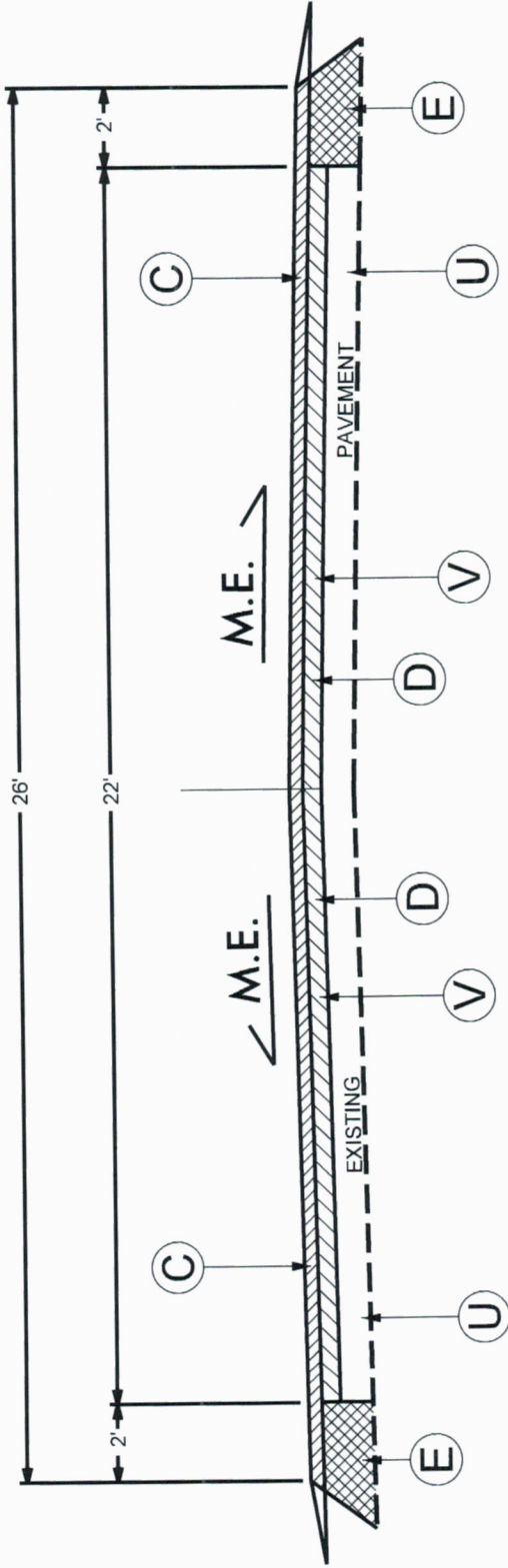
16. Project length: 7.6 miles
17. Right of Way width: \_\_\_\_\_
18. Project completion date: \_\_\_\_\_
19. Total acres of newly disturbed ground surface: \_\_\_\_\_
20. Total acres of wetland impacts: \_\_\_\_\_
21. Total linear feet of stream impacts: \_\_\_\_\_
22. Project purpose: Resurfacing

If Part D of the checklist is completed, send a copy of the entire checklist document to:

Don G. Lee  
State Roadside Environmental Engineer  
Mail Service Center 1557  
Raleigh, NC 27699-1557  
(919) 733-2920  
Fax (919) 733-9810  
Email: dlee@dot.state.nc.us

Reviewed by: Chris Rhoder Date: 2/5/18  
Lead Engineer  
Ameliese Westphal Date: 3/2/2018  
Division Environmental Officer





PAVEMENT SCHEDULE	
C	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
D	PROP. APPROX. 2½" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
E	PROP. APPROX. 5½" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
V	MILLING ASPHALT PAVEMENT, 2½" DEPTH.
T	EARTH MATERIAL
U	EXISTING PAVEMENT.

## NC 241 Duplin Pipe Replacement

SR#	Location	Existing	Proposed	Bed to Crown	Latitude	Longitude	Comments
NC 241	345' North of SR 1709	60"x24" RCP	60"x48" CMP w/HW	7'	35.011569	-77.752489	
NC 241	0.68 miles North of SR 1710	52"x24" RCP	2@50"x36" w/HW	4'	34.989369	-77.757805	
NC 241	375' North of SR 1736	2@52"x30" RCP	50"x48" w/HW	5'	34.968208	-77.762876	
NC 241	0.23 miles South of SR 1700	52"x24" RCP	50"x48" w/HW	6'	34.950430	-77.767127	
NC 241	Intersection of NC 241 & SR 1709				35.010604	-77.752581	Repair joint under pavement
NC 241	0.25 miles S of SR 1736				34.963600	-77.763977	Repair end joint





NC 241 Site #1  
345' North of SR 1709  
Existing 60'x24" RCP  
Proposed 60'x48" CMP w/HW  
7' bed to crown  
35.011569 -77.752489



NC 241 Site #2  
0.68 miles N of SR 1710  
Existing 52'x24" RCP  
Proposed 2@50'x36" CMP w/ HW  
4' bed to crown  
34.989369 -77.757805





NC 241 Site #3  
375' N of SR 1736  
Existing 2@52'x30" RCP  
Proposed 50'x48" CMP w/HW  
5' bed to crown  
34.968208 -77.762876



NC 241 Site #4  
0.23 miles S of SR 1700  
Existing 52'x24" RCP  
Proposed 50'x48" CMP w/HW  
6' bed to crown  
34.950430 -77.767127

Signature Style Salon

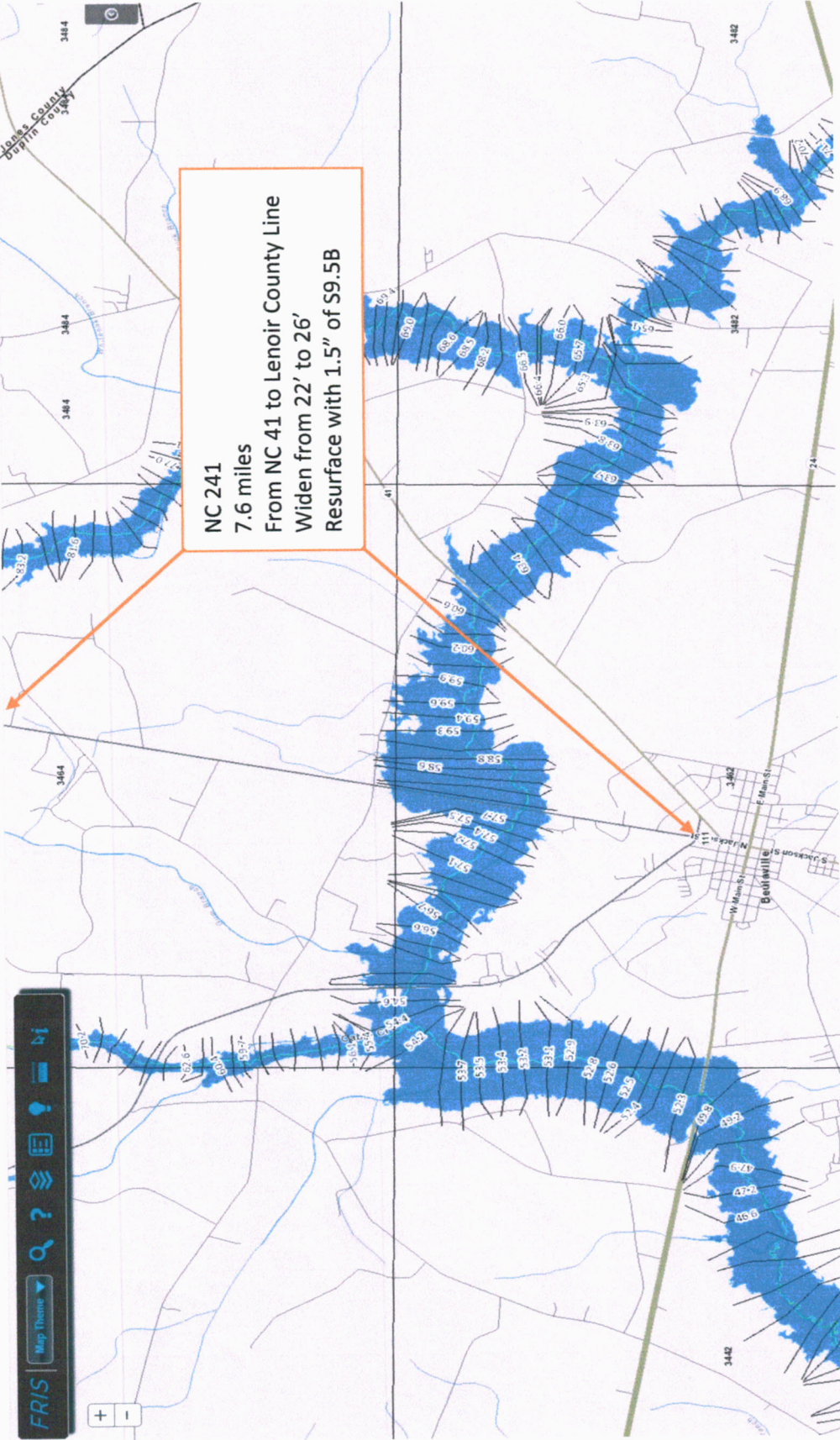
Project Commitments

**Duplin County**  
**NC 241 Resurfacing and Pipe Replacements/Repair**  
**WBS No. 2018CPT.03.21.10311**  
**TIP No. N/A**

**FEMA Coordination**

One section of NC 241 is located within a flood zone. The Hydraulics Unit will coordinate with the NC Floodplain Mapping Program (FMP) if needed to determine the status of the project with regard to FEMA compliance.





NC 241  
7.6 miles  
From NC 41 to Lenoir County Line  
Widen from 22' to 26'  
Resurface with 1.5" of S9.5B

FRIS | Map Theme | [Navigation Icons]

## Rhodes, Christopher E

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**From:** Moore, Jonathan L  
**Sent:** Friday, February 2, 2018 8:23 AM  
**To:** Rhodes, Christopher E  
**Cc:** Bradshaw, Christopher K  
**Subject:** RE: NC 241 FRIS map

Chris,

Resurfacing will not have an impact on the 100 year water surface at the FEMA stream.

Thanks,

Jon

**Jonathan L. Moore, PE**  
Engineer-Advanced  
Hydraulics Unit  
Department of Transportation

919 707 6738 office  
jlmoore6@ncdot.gov

1020 Birch Ridge Drive  
Raleigh, NC 27610



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**From:** Rhodes, Christopher E  
**Sent:** Friday, February 02, 2018 7:40 AM  
**To:** Moore, Jonathan L <jlmoore6@ncdot.gov>  
**Cc:** Bradshaw, Christopher K <ckbradshaw@ncdot.gov>  
**Subject:** NC 241 FRIS map

Jon,

See attached FRIS map of NC 241 in Duplin County. Our plan is to resurface NC 241 from NC 41 to Lenoir County Line with 1.5" S9.5B. Please let me know if the proposed treatment will cause any negative impacts to the subject area. If you need any additional information please let me know.

Thanks!

**Chris Rhodes**

Duplin County Maintenance Engineer  
North Carolina Department of Transportation

910-296-8703 office  
910-296-0869 fax  
[cerhodes@ncdot.gov](mailto:cerhodes@ncdot.gov)

404 S NC 11-903  
Kenansville, NC 28349



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**Programmatic Agreement Cultural Resources Screening Checklist**

**Project Numbers: TIP:**

**FA:**

**WBS:**

**Project Name:**

**County:**

**Project Description:**

**Funding Source:**

**Permits Required:**

**Instructions:**

NCDOT Project Managers/Engineers, should complete the following checklist based upon your knowledge of the project site and immediate vicinity. If you check “Unable to Determine”, efforts should be undertaken to acquire available information on the project. If the answer to any question is “Yes” or “Unable to Determine,” the project is subject to further historic preservation review, notwithstanding other determinations under state environmental review laws and regulations. If the answer to all the questions is “No,” the project may be excluded from further historic preservation review.

	<b>Yes</b>	<b>No</b>	<b>Unable to Determine</b>
A. Does this project contain activities that are <u>not</u> specified in Appendix C of the North Carolina Programmatic Agreement for Minor Transportation Projects? (List of Exempt Activities on reverse)			
B. Is this project directly related to other actions with individually insignificant, but cumulatively significant, environmental effects?			
C. Are there properties listed on or eligible for listing on the National Register of Historic Places in the project area?			
D. Is this project questioned by the owner of a historic property?			
E. Is there known public controversy based on historic preservation issues?			
F. Can this project be classified as anything <u>other than</u> a "categorical exclusion" (or state-equivalent) project			

**Certification**

By my signature, I certify that I have completed a site visit or am familiar with the specifics of the project and that my answers to the questions above are, to the best of my knowledge, correct. I also understand that no further environmental analysis is required according to Appendix C of the North Carolina Programmatic Agreement for Minor Transportation Projects.

*Anneliese Westphal*

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Name (print)

Signature

Date

## ACTIVITIES EXEMPT FROM THE PROGRAMMATIC AGREEMENT

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The activities in Appendix C are exempted from further review, provided the undertaking meets all of the following conditions:

- is limited to the activities specified;
- is not part of a larger undertaking;
- is not questioned by the owner of a historic property;
- has no known public controversy based on historic preservation issues; and
- is classified as a "categorical exclusion" (or state-equivalent) project.

### EXEMPT ACTIVITIES

- Mowing, seeding/reseeding, and other ground cover maintenance activities;
- Installation or replacement/repair of fixed static signs, interconnection devices, surveillance cameras, closed circuit TV and other minor incident management devices, railroad warning devices, and improved rail crossing surfaces;
- In-kind replacement, reconstruction, or ordinary repair or modification of existing lighting, guardrails, modern fencing, traffic signals, curbs and gutters, sidewalks, and variable message signs;
- Activities that do not involve construction or ground disturbance, such as preliminary engineering, training, technical studies, non-invasive inspections, and educational programs;
- Overlay, milling, grooving, repairing (concrete or asphalt patching or slurry seal), striping, or resurfacing of existing ramp, roadway, and parking lot surfaces where there will be no new impacts outside an existing facility; rumble strips, loop detectors, pavement markings (normal and raised), and snow and ice detectors to the same;
- Activities within the existing disturbed median, including installation of new or replacement median barriers or guard rail;
- Modernization of an existing transportation facility by widening less than a travel lane or adding lanes, provided such widening does not extend beyond the limits of existing improved right-of-way (includes shoulder additions to roadways, bridge approaches, turn lanes within the existing improved facility);
- Correcting substandard roadway geometrics and intersections (i.e., spot improvements), provided such corrections do not extend beyond the limits of existing improved right-of-way;
- Minor bridge rehabilitation, bridge rails, or substructure alterations where the work is confined to the bridge itself, and
  - a. the bridge is no older than 45 years at the date of NCDOT's project review, or
  - b. the bridge has been determined ineligible for the National Register of Historic Places;
- Minor safety related drainage improvements, including but not limited to: installation, replacement or removal of culverts and headwalls; installation, replacement and extensions of pipes; and addition of pipe end sections;
- Routine cleaning, maintenance and repair of existing drainage, stormwater management, and water quality facilities and devices, not including projects that seek to expand or extend such facilities;
- Replacement/relocation of existing underground utilities in kind and within existing footprint and replacement/relocation of existing utility poles between edge of existing improved right-of-way and road;
- Repair of erosion control and protection measures, including but not limited to: slope stabilization, slide repair, rip rap, or retaining walls and new construction of such devices within existing improved right-of-way;
- Rehabilitation of existing at-grade railroad crossings and installation or upgrade of regulatory signs and railroad warning signs and devices, upgrade of advisory signs, and track and rail bed maintenance, provided there is no change in grade;
- Construction of bicycle and pedestrian lanes, paths, pedestrian signal heads, and facilities, and multi-use paths and facilities provided such construction does not extend beyond the limits of existing improved right-of-way;
- Construction of or improvements to rest areas, truck weigh stations, park and ride lots, and other transportation related maintenance, storage, and office facilities, where no new right-of-way is acquired;
- Landscaping on fill-slopes and back-slopes;
- Disposal of excess state-owned properties;
- Other minor actions if deemed appropriate for coverage under this PA by consultation and mutual written agreement between NCDOT and HPO/OSA.