

## MINIMUM CRITERIA DETERMINATION CHECKLIST

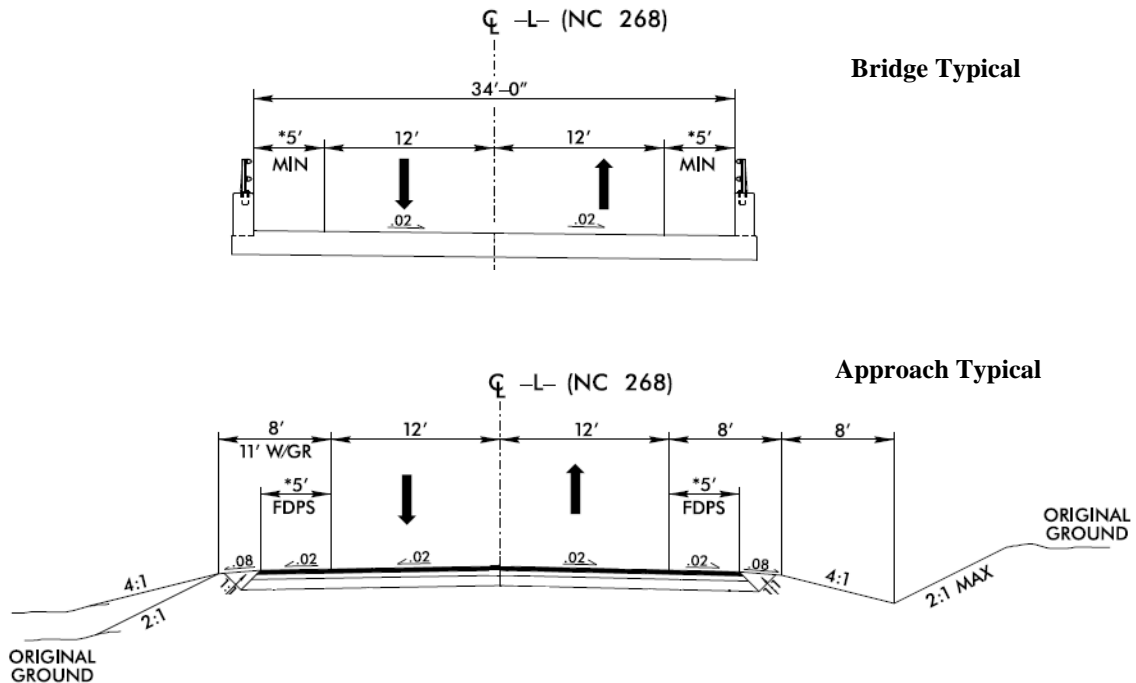
The following questions provide direction in determining when the Department is required to prepare environmental documents for state-funded construction and maintenance activities. Answer questions for Parts A through C by checking either “Yes” or “No”. Complete Part D of the checklist when Minimum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

**TIP Project No.:** BR-0048

**State Project No.:** 67048.1.1

**Project Location:** Surry County, North Carolina (see attached vicinity map)

**Project Description:** Replace Surry County Bridge No. 103 on NC 268 over the Mitchell River. The new bridge will be placed immediately north of the existing structure and traffic maintained on the existing bridge during construction. The typical sections for the bridge and approaches are as follows:



## **Anticipated Permit or Consultation Requirements: [Nationwide Permit and 401 Certification](#)**

### **Special Project Information:**

#### ***Bicycle and Pedestrian Concerns***

NC 268 is part of the Mountains to Sea Trail. NC 268 is also identified in the locally adopted Elkin-Jonesville Comprehensive Transportation Plan. For these reasons, both the approaches and the bridge will be set up to accommodate bicycles.

Surry County is planning the Mitchell River Greenway for NC 268. They have not progressed in planning to know which side they would cut a bench into the slope under the bridge. The west end is not practicable because it would require an extension of the bridge and would contend with a power transmission line corridor running overhead. The design plans have made provision for a passage under the east end of the bridge. The county has been notified of the accommodation the Department can make.

#### ***Public Involvement***

A Land Owner Notification Letter was sent to all property holders within the study area at the beginning of planning. The final design extended beyond the original study area and will impact the outbuilding shown in Figure 2. A letter has been sent to alert the property holder of the impact and offer a contact should they have any questions. No comments have been received to date.

**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?

(26) Implementation of any project which qualifies as a "categorical exclusion" under the National Environmental Policy Act by one of the Agencies of the U.S. Department of Transportation

If either category #8, #12(i) or #15 is used complete Part D of this checklist. Although Item 26 doesn't meet one of these categories, it is appropriate to answer the questions in Part D because of the nature of the project.

**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? *The proposed project will only replace the function of the existing bridge.*
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? *The proposed project will only replace the function of the existing bridge.*
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? *No concerns have been expressed.*

**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? *No. Source: NRTR and CIA in file and cultural resources screenings attached.*
6. Will the proposed activity endanger the existence of a species on the Department of Interior's threatened and endangered species list? *Source: See NRTR and explanation in Question 9 below.*

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?
- The proposed project will only replace the function of the existing bridge.

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.
- The impacts of the project will be very limited both during and after construction.

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, Environmental Analysis Unit  
 1598 Mail Service Center  
 Raleigh, NC 27699-1598  
 (919) 707 – 6000  
 Fax: (919) 212-5785

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

- | <b><i>Items 9- 12 to be completed by Division Environmental Officer.</i></b> |   | <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?<br>The Northern Long eared bat is currently unresolved but with the anticipated outcome of either “No Effect” or “May Affect, Not Likely to Adversely Affect”. The issue will be resolved and addressed prior to receiving a permit. | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 10.  | Does the action require the placement of temporary or permanent fill in waters of the United States?<br>A temporary causeway will likely be necessary for construction of the new bridge and demolition of the old structure.   | <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?<br>Source: NRTR  | <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?<br>Source: Not in the 20 CAMA counties   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <b><i>Items 13 – 15 to be completed by the Engineer.</i></b>                 |   |                                     |                                     |
| 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?
15. Will the proposed action require acquisition of additional right of way from publicly owned parkland or recreational areas?

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.)**

16. Project length: 1410 feet
17. Right of Way width: Varies (see attached figure)
18. Project completion date: 2020
19. Total acres of newly disturbed ground surface: 1.47 acres
20. Total acres of wetland impacts: 0
21. Total linear feet of stream impacts: 34 feet
22. Project purpose: Replace deficient bridge

Prepared by: John L. Williams Date: April 16, 2019  
RK&K Project Manager

Reviewed by: Chris Chelley Date: 4/16/19  
NCDOT ECAP Specialist

Approved by: Repsil Date: 5/6/2019  
NCDOT EAU Unit Head

**PROJECT COMMITMENTS:**

**T.I.P. No. BR-0048**

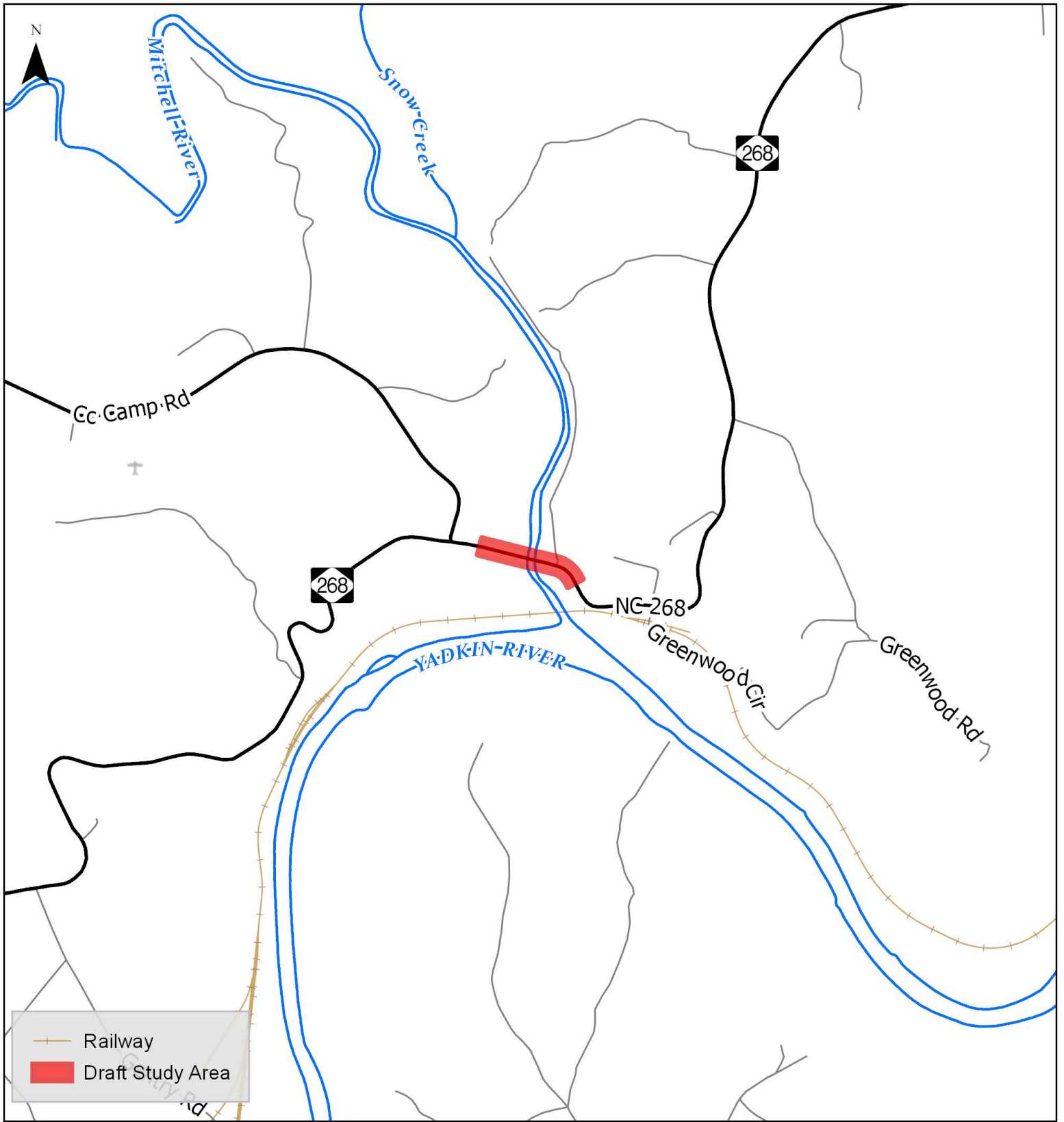
Bridge No. 103 on NC 268  
Over Mitchell River in Surry County, NC  
WBS # 67048.1.1

***Mountains to Sea Trail***

The design of the project will accommodate bicycles regarding paved shoulders and the approaches and regarding offset and bicycle safe rail on the bridge.

***Mitchell River Greenway***

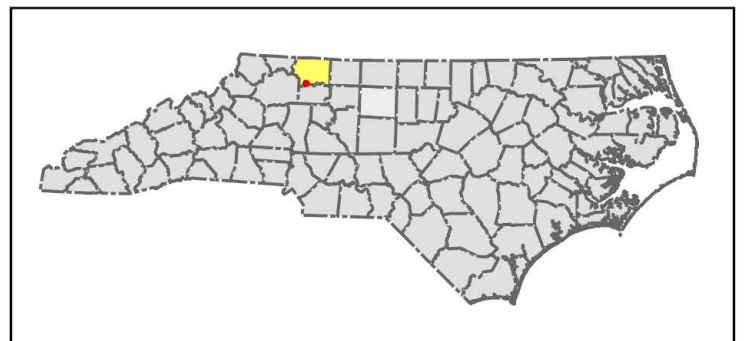
The plans will contain a bench cut into the slope under the bridge on the east end to provide passage for a future greenway.



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

**PROJECT  
VICINITY  
MAP**

**BR-0048**  
Replace Surry Co. Bridge No. 103  
On NC 268 over Mitchell River







CC Camp Road

FINAL STUDY AREA

ORIGINAL STUDY AREA

FOOTPRINT

Outbuilding


Shiloh Primitive Baptist Church

Mitchell River

268

0 50 100 200 feet

Yadkin River

	STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION 11
<b>BR-0048</b> Replace Surry Co. Bridge No. 103 On NC 268 over Mitchell River	
Proposed Design on Aerial	Figure 2

17-12-0009



## HISTORIC ARCHITECTURE AND LANDSCAPES NO SURVEY REQUIRED FORM

This form only pertains to Historic Architecture and Landscapes for this project. It is not valid for Archaeological Resources. You must consult separately with the Archaeology Group.

### PROJECT INFORMATION

<b>Project No:</b>	BR-0048	<b>County:</b>	Surry
<b>WBS No.:</b>	67048.1.1	<b>Document Type:</b>	MCC
<b>Fed. Aid No:</b>	N/A	<b>Funding:</b>	<input checked="" type="checkbox"/> State <input type="checkbox"/> Federal
<b>Federal Permit(s):</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Permit Type(s):</b>	
<b>Project Description:</b> Replace Bridge No. 850103 over Mitchell River on NC 268.			

### SUMMARY OF HISTORIC ARCHITECTURE AND LANDSCAPES REVIEW

<p><b><u>Description of review activities, results, and conclusions:</u></b>  Review of HPO quad maps, HPO GIS information, historic designations roster, and indexes was undertaken on December 18, 2017. Based on this review, there are no existing NR, SL, LD, DE, or SS properties in the Area of Potential Effects, which is 450' from each end of the bridge and 75' from the centerline each way. A survey site, the original Bridge 103 which was a five-panel Truss Bridge, has been replaced by this current bridge. A one-story Shiloh Primitive Baptist Church fall within the APE to the east of the bridge. The structure is unremarkable and is not distinctive or unique; it is not eligible for NR listing. There are no National Register listed or eligible properties and no survey is required. If design plans change, additional review will be required.</p> <p><b><u>Why the available information provides a reliable basis for reasonably predicting that there are no unidentified significant historic architectural or landscape resources in the project area:</u></b>  HPO quad maps and GIS information recording NR, SL, LD, DE, and SS properties for the Surry County survey, Surry County GIS/Tax information, and Google Maps are considered valid for the purposes of determining the likelihood of historic resources being present. There are no National Register listed or eligible properties within the APE and no survey is required.</p>
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### SUPPORT DOCUMENTATION

Map(s)    
 Previous Survey Info.    
 Photos    
 Correspondence    
 Design Plans

### FINDING BY NCDOT ARCHITECTURAL HISTORIAN

Historic Architecture and Landscapes -- NO SURVEY REQUIRED

NCDOT Architectural Historian

Date



## NO ARCHAEOLOGICAL SURVEY REQUIRED FORM

This form only pertains to ARCHAEOLOGICAL RESOURCES for this project. It is not valid for Historic Architecture and Landscapes. You must consult separately with the Historic Architecture and Landscapes Group.



### PROJECT INFORMATION

*Project No:* BR-0048      *County:* Surry  
*WBS No:* 67048.1.1      *Document:* State Minimum Criteria Checklist  
*Federal Aid No:*      *Funding:*  State       Federal  
*Federal Permit Required?*       Yes       No      *Permit Type:* USACE

#### *Project Description:*

Replace Bridge 103 on NC 268 over the Mitchell River in Surry County. Area of Potential Effects (A.P.E.) is approximately 688 meters (2,257 ft.) long and 90 meters (300 ft.) wide. No design plans were provided. The project is State-funded, and Federal permits will be required. No easements will be required.

NOTE: A No Archaeological Survey Required form for this project was submitted on 1/17/2018. The A.P.E. was expanded in November 2018 from 372 meters (1,219 ft.) long and 60 meters (200 ft.) wide to 688 meters (2,257 ft.) long and 9 meters (300 ft.) wide. The recommendation has not changed, but the new information is provided in this revised form.

### SUMMARY OF CULTURAL RESOURCES REVIEW

#### *Brief description of review activities, results of review, and conclusions:*

The review included an examination of a topographic map, an aerial photograph, and listings of previously recorded sites, previous archaeological surveys, and previous environmental reviews at the Office of State Archaeology (O.S.A.). NC 268 is oriented approximately east-west.

The topographic map (Elkin North, N.C.) shows the A.P.E. is located in a narrow river valley with steep slopes on each side. The landforms in the A.P.E. are the narrow strips of level land along the river, and steep slopes up to ridge tops on each side. The level ridge tops are outside of the A.P.E. These landforms have a low potential for archaeological sites. There may be a small section of level ridge toe at the east end of the southeast quadrant.

The aerial photograph shows the landuse in the A.P.E. is mostly wooded. There is a house and yard located at the east end of the southeast quadrant. The house and yard occupy the small section of level ridge toe on the topographic map. A powerline is located in the northwest and southeast quadrants.

A review of information at the O.S.A. shows there are no previously recorded archaeological sites within or near the A.P.E. The A.P.E. is not within any areas that have been surveyed for archaeological sites. The A.P.E. is not within any projects that have been reviewed by the State

Historic Preservation Office (HPO).

***Brief Explanation of why the available information provides a reliable basis for reasonably predicting that there are no unidentified historic properties in the APE:***

The landforms within the A.P.E. have a low potential for archaeological sites.

**SUPPORT DOCUMENTATION**

See attached:  Map(s)     Previous Survey Info     Photos     Correspondence  
 Photocopy of County Survey Notes    Other:

**FINDING BY NCDOT ARCHAEOLOGIST**

**NO ARCHAEOLOGY SURVEY REQUIRED**

Caleb Smith

1/4/2019

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NCDOT ARCHAEOLOGIST II

Date