

# Type I Categorical Exclusion Action Classification Form

STIP Project No.	<u>R-5787I</u>
WBS Element	<u>44917.1.12</u>
Federal Project No.	<u>0708126</u>

A. Project Description:

FY2022 ADA RAMPS-DIST 1>5000 TAP CURB RAMP UPGRADE; CONSTRUCT ADA RAMPS AT VARIOUS LOCATIONS (AMERICANS WITH DISABILITIES ACT)

B. Description of Need and Purpose:

Bring existing non-compliant ADA Curb Ramps up to compliance.

C. Categorical Exclusion Action Classification:

**Type I(A) - No Ground Disturbance or Limited Disturbance within the Operational ROW**

D. Proposed Improvements:

3. Construction of bicycle and pedestrian lanes, paths, and facilities.

22. Projects, as defined in 23 U.S.C. 101, which would take place entirely within the existing operational right-of-way. Existing operational right-of-way refers to right-of-way that has been disturbed for an existing transportation facility or is maintained for a transportation purpose. This area includes the features associated with the physical footprint of the transportation facility (including the roadway, bridges, interchanges, culverts, drainage, fixed guideways, mitigation areas, etc.) and other areas maintained for transportation purposes such as clear zone, traffic control signage, landscaping, any rest areas with direct access to a controlled access highway, areas maintained for safety and security of a transportation facility, parking facilities with direct access to an existing transportation facility, transit power substations, transit venting structures, and transit maintenance facilities. Portions of the right-of-way that have not been disturbed or that are not maintained for transportation purposes are not in the existing operational right-of-way.

*NOTE: The following Type I(C) Actions (NCDOT-FHWA 2019 CE Agreement, Appendix A) only require completion of Sections A through D to substantiate and document the CE classification: 1, 5, 8 (signs and pavement markings only), 11, 13, 14, 15, 16, 17, 19, and 20; or several other Type I Action subcategories identified in past NCDOT-FHWA CE Programmatic Agreements (see Appendix D). **Pre-approval as a CE does not exempt activities from compliance with other federal environmental laws.***

E. Special Project Information:

F. Project Impact Criteria Checklists:

<b>F1. No Ground Disturbance or Limited Ground Disturbance within the Operational ROW</b>			
<p>Proposed improvement(s) that fit within one of the following Type I Actions (NCDOT-FHWA CE Programmatic Agreement, Appendix A) including 4, 7, 8 (except for signs and pavement markings), 10, 22 (no to limited ground disturbing) and/or 29 and that result in either no, or limited, ground disturbance within the operational ROW. Answer questions 1, 2, 3, and 4.</p> <ul style="list-style-type: none"> <li>• <i>If any question is checked "Yes", additional information will be required for those questions in Section G.</i></li> <li>• <i>If question 4 is checked "Yes," NCDOT certification for <b>FHWA approval is required.</b></i></li> </ul>			
		Yes	No
1	Is the project inconsistent with the federally approved State Transportation Improvement Program (STIP) or the Metropolitan Planning Organization's (MPO's) TIP (where applicable)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Is the project located within a Historic District? If yes, FHWA coordination is required to determine the effects of the project on the district. FHWA approval on the CE may not be required (see Question 4 below).	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Does the project include habitat associated with Threatened and Endangered Species listed by the U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

G. Additional Documentation as Required from Section F (ONLY for questions marked 'Yes'):

H. Project Commitments (attach as Green Sheet to CE Form):

## **NCDOT PROJECT COMMITMENTS**

STIP Project No. **R-5787I**  
Short Project Description  
County  
Federal Aid Project No. 0708126  
WBS Element 44917.1.12

No project commitments.

I. Categorical Exclusion Approval:

STIP Project No. R-5787I  
WBS Element 44917.1.12  
Federal Project No. 0708126

**Prepared By:**

03/29/2022

Date

DocuSigned by:

*Chad Reimakoski*

Chad Reimakoski, Division 7 DDC Engineer  
NCDOT

**Prepared For:**

Chad Reimakoski, NCDOT

**Reviewed By:**

03/29/2022

Date

DocuSigned by:

*Jerry Parker*

Jerry Parker, Division 7 Environmental Supervisor  
NCDOT



**Approved**

- If NO grey boxes are checked in Section F (pages 2 and 3), NCDOT approves the Type I or Type II Categorical Exclusion.



**Certified**

- If ANY grey boxes are checked in Section F (pages 2 and 3), NCDOT certifies the Type I or Type II Categorical Exclusion for FHWA approval.
- If classified as Type III Categorical Exclusion.

03/29/2022

Date

DocuSigned by:

*W. R. Archer, III, PE*

Wright R. Archer, III, PE, Division Engineer Division 7  
North Carolina Department of Transportation

FHWA Approved: For Projects Certified by NCDOT (above), FHWA signature required.

Date

for John F. Sullivan, III, PE, Division Administrator  
Federal Highway Administration

*Note: Prior to ROW or Construction authorization, a consultation may be required (please see Section VII of the NCDOT-FHWA CE Programmatic Agreement for more details).*



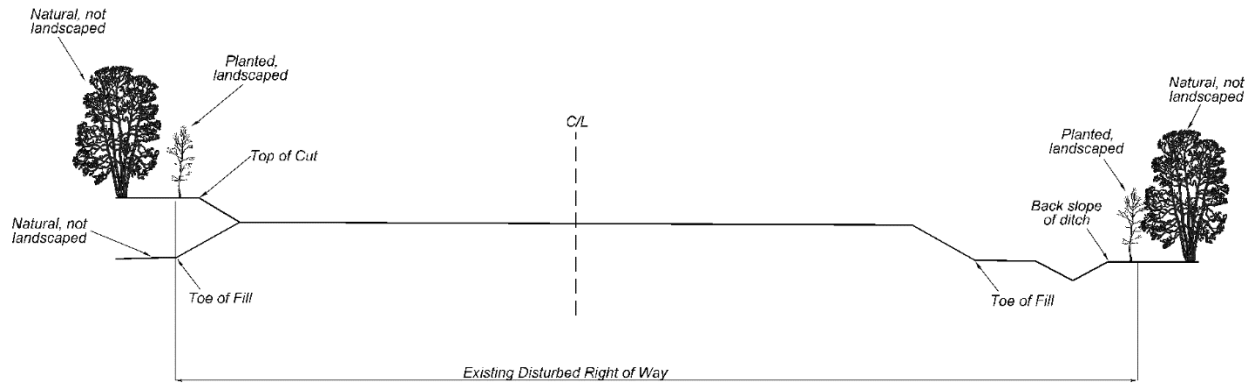
## EXEMPT ACTIVITIES UNDER SECTION 106

The Programmatic Agreement (PA) applies to all FHWA funded and/or authorized transportation undertakings administered directly by NCDOT in North Carolina, excluding locally-administered projects (LAP). The PA applies to NCDOT undertakings that require a Department of Army Permit. The PA does not apply to undertakings where the lead federal agency is the Federal Railroad Administration, Federal Aviation Administration, or Federal Transit Administration. Any undertaking involving tribal lands as defined in 36 CFR 800.16(x) shall not be solely governed by this PA, but shall be reviewed by the lead federal agency and NCDOT in accordance with 36 CFR 800 and any applicable government-to-government agreement(s).

Per Stipulation IV of the Agreement, *Undertakings with Little Potential to Cause Effects – Exempt Activities*, NCDOT Project Managers, Project Engineers or Division Environmental Staff shall utilize their best judgment to certify that the undertaking(s) meet **all** the conditions listed below and document internally by utilizing the *106 PA Checklist* (Attachment A). The completion of the *106 PA Checklist* will indicate if the undertaking(s) is subject to further Section 106 review or if the undertaking(s) is exempt from further review. The *106 PA Checklist* (Attachment A) shall be retained in the project file.

### Conditions

1. Webservices (<https://www.ncdcr.gov/about/history/division-historical-resources/gis-maps-and-data>) should be used to determine if the undertaking is within or adjacent to a Historic Property, classified herein as NRHP Eligible or Listed Buildings, Districts, Objects, Sites, or Structures. **Please note that webservices only applies to above ground resources and not archaeological resources.**
2. No activity can involve the acquisition of additional right-of-way (ROW) or easements (activities must be restricted to existing disturbed ROW and/or permanent easements). Right of Entry is exempt as long as clearing, grubbing, or ground disturbance does not occur.
3. If an activity is not listed below or there are questions regarding the activities, the Project Manager, Project Engineer or Division Environmental Staff may contact the Cultural Resources Group within the Environmental Analysis Unit, or contact the lead federal agency prior to submitting the project for further historic preservation review.
4. No activity can be a subset of a larger activity.
5. No new earthwork activity on federal property or federally granted easement.



## Section A: Bridge Repairs/Bridge Maintenance\* on Interstates, US Highways, and NC State Maintained Routes

\*Activities permissible on historic/non-historic bridges unless noted in the Exceptions.

Activities limited to existing disturbed right of way (See Figure)

No.	Activity	Description	Exceptions
1	Steel bridge painting	Reapplication of paint for steel bridge structures H-piling, metal shell piling, and steel sway bracing	Historic bridges
2	Pile encasement for steel bridges	Reinforcement of piles with concrete sheaths including: <ul style="list-style-type: none"> <li>• Addition of concrete encasement approximately 6 in in diameter</li> <li>• Placement of temporary fill for dewatering activities.</li> </ul>	
3	Hydro-demolition of concrete bridge decks		
4	Full deck replacement		
5	Replacement of edge beams	Concrete stiffening member placed transversely at the end of a span	Historic bridges
6	Installation of chain link safety fencing	Addition of brackets and fence posts attached to the bridge with the fencing stretched atop the bridge railing	Historic bridges Within or adjacent to Historic Properties
7	Repair/replace portions of approach slabs & bridge deck	Includes the following activities: <ul style="list-style-type: none"> <li>• Overlay with permanent asphalt</li> <li>• Fill voids with flowable fill</li> </ul>	

No.	Activity	Description	Exceptions
8	Post tension duct repair/internal post-tensioning	Steel strands passed through ducts formed in the concrete then grouted in place	
9	Repair/replace co-polymer overlay on deck	Replaced with conductive polymer overlay system to protect concrete bridge deck and improve friction	
10	Reset bearings	Strengthening bearings by jacking bridge less than 1inch and replacing or repairing	
11	Clean drainage scuppers/drain pipes		
12	Vegetation Removal at Bridges	<p>Includes the following:</p> <ul style="list-style-type: none"> <li>• Hand cutting vegetation around bridge, including the substructure to allow access by bridge inspection team</li> <li>• Typically cut 10-20ft from either side of bridge structure</li> </ul>	
13	Epoxy injection repair of all concrete members (i.e. decks, beams, caps, columns, etc.)		
14	Replacement of existing bridge fender structures by driving piles	Involves cutting the existing fenders to 2ft below the mud line for removal and installing new fenders in close proximity to the original location	
15	Use of temporary load transfer system (“jumper bridge”)	Facilitates equipment access, typically over culverts, and is restricted to the existing roadway	
16	Installation of sway braces	Braces used for H-pile bents where the unbraced length of piles exceeds 10 feet	
17	Installation of carbon fiber reinforcement or post-tensioning design for the substructure/caps	Bridge Strengthening technique	Historic bridges
18	Heat straightening and/or in-kind replacement of damaged steel beams		



<b>No.</b>	<b>Activity</b>	<b>Description</b>	<b>Exceptions</b>
19	Repair/replace existing box girder drainage system	Drainage system found on larger bridges. Includes repair of internal PVC drainage system within the bridge structure	
20	Bridge Jacking	Includes the following activities: <ul style="list-style-type: none"> <li>• Increases vertical clearance by elevating the bridge through use of bearings</li> <li>• Approaches are modified, as needed, within existing roadway</li> </ul>	Historic bridges  Activities restricted to existing roadway and bridge embankment, with no shifts in alignment of the approaches
21	Scour Repair: Repair undermined abutment caps	Fills voids with flowable fill	
22	Scour Repair: Replacement of floor beams	Includes the following activities: <ul style="list-style-type: none"> <li>• Removal of concrete and rebar and the subsequent setting of Pre-stressed concrete or steel beams</li> <li>• Placing of framework, rebar, and concrete</li> </ul>	Historic bridges
23	Scour Repair: Replacement of rip rap or fill	Includes the following activities: <ul style="list-style-type: none"> <li>• In-kind replacement over existing materials at bridge bents and/or abutments as a result of wash out</li> <li>• If existing rip-rap is fully washed away, filter fabric is applied to existing grade before addition of replacement rip-rap or fill</li> </ul>	
24	Repair/replace bridge headers, voids, end & back walls, concrete bent caps, bridge/pot bearings	Activities confined to the bridge structure itself	
25	Repair/replace bridge expansion joints		
26	Abutment Slope Repair	Repair and repave existing concrete abutments in-kind	abutment extension or footprint increases
27	Installation of Crutch or Helper Bents		Historic bridges

**Section B: Pavement Resurfacing/Shoulder Rehabilitation and Guardrail/Cable/Median Barriers on Interstates, US Highways, and NC State Maintained Routes**

*Activities allowed in or adjacent to historic properties unless listed in the exceptions.*

*Activities limited to existing disturbed right of way (See Figure)*

<b>No.</b>	<b>Activity</b>	<b>Description</b>	<b>Exceptions</b>
<b>1</b>	Roadway resurfacing and/or rehabilitation	<p>Includes the following activities for asphalt roadways:</p> <ul style="list-style-type: none"> <li>• Overlay</li> <li>• Milling</li> <li>• Crack Repair</li> <li>• Chip Seal (AST/BST)</li> <li>• Patching</li> <li>• Resurfacing, including full depth replacement</li> </ul> <p>Includes the following activities for concrete roadways:</p> <ul style="list-style-type: none"> <li>• Grinding</li> <li>• Grooving</li> <li>• Pavement rehabilitation</li> <li>• Spall repair</li> </ul>	
<b>2</b>	Shoulder/Median work	<p>Includes the following activities:</p> <ul style="list-style-type: none"> <li>• Shoulder building through the addition of pavement to existing shoulder, within toe-of-slope</li> <li>• Typically associated with resurfacing or construction of turn lanes, bikes lanes, medians, etc.</li> <li>• May also include repair of roadway edge line</li> <li>• Equipment confined to existing roadway and shoulder</li> <li>• All activities in existing median including median barrier</li> <li>• Shoulder clipping/pulling</li> </ul>	
<b>3</b>	Guardrail Installation	Installation of new, or rehabilitation of existing, guardrail and guardrail anchors within existing disturbed right of way	Historic bridges
<b>4</b>	Median Crossovers	<p>Includes the following activities:</p> <ul style="list-style-type: none"> <li>• Installation of, or upgrade to, median crossovers on divided highways, to include the addition of turn lanes</li> </ul>	

<b>4 (cont'd)</b>	Median Crossovers	<ul style="list-style-type: none"> <li>Includes grading and/or fill within median and addition of paved surface and associated striping</li> </ul>	
<b>5</b>	Cable Barriers	<p>Includes the following activities:</p> <ul style="list-style-type: none"> <li>Installation of new, or rehabilitation of existing, cable barriers within existing roadway toe-of-slope.</li> <li>Includes concrete foundation, breakaway post, and cable.</li> </ul>	

### **Section C: Utilities/Signage/Traffic Signals on Interstates, US Highways, and NC State Maintained Routes**

*Activities allowed in or adjacent to historic properties unless listed in the exceptions.*

*Activities limited to existing disturbed right of way (See Figure)*

<b>No.</b>	<b>Activity</b>	<b>Description</b>	<b>Exceptions</b>
<b>1</b>	Installation and in-kind replacement/relocation of existing utility poles and underground utilities	Utility markers cannot be within 20 feet of significant element of or access to a historic property.	
<b>2</b>	New Signage	Includes NC DOT Sign Types A, B, D, E and F	
<b>3</b>	Installation of Dynamic Message Signs	<p>Includes the following activities:</p> <ul style="list-style-type: none"> <li>Installation of concrete footer to support sign pole or truss structure</li> <li>Installation of pull boxes, cabinets, and conduit</li> </ul>	Within or adjacent to historic properties
<b>4</b>	Pavement markings	<p>Includes installation of the following:</p> <ul style="list-style-type: none"> <li>Rumble strips, chevrons, stop bars, and other pavement markings (raised, reflective, or otherwise)</li> <li>Additional or replacement roadway striping</li> </ul>	
<b>5</b>	New advance warning signs	Installation of flashing lights as you approach an intersection	

<b>No.</b>	<b>Activity</b>	<b>Description</b>	<b>Exceptions</b>
<b>6</b>	Directional underground boring		
<b>7</b>	Installation of Intelligent Transportation Systems (ITS) equipment to existing poles	<ul style="list-style-type: none"> <li>• Addition of ITS components (cameras, wireless devices, signs, cabinets, etc.) to an existing pole.</li> <li>• Connected to existing pull box and conduit.</li> <li>• Applicable to all NCDOT maintained routes</li> </ul>	Installation of new stand-alone cabinets within or adjacent to historic properties
<b>8</b>	Upgrade existing traffic signals and city signal systems	Involves the installation or replacement of traffic signals, poles, and/or signals cabinets	Installation of new stand-alone cabinets within or adjacent to historic properties
<b>9</b>	Installation of new traffic signals		Within or adjacent to historic properties
<b>10</b>	Installation and replacement of Pedestrian Poles and Pedestrian Signals	Involves the installation or replacement of signal heads and/or push button stations	Installation within or adjacent to historic properties

### **Section D: Specific Maintenance/Upgrade Activities**

*Activities allowed in or adjacent to historic properties unless listed in the exceptions.*

*Activities limited to existing disturbed right of way (See Figure)*

<b>No.</b>	<b>Activity</b>	<b>Description</b>	<b>Exceptions</b>
<b>1</b>	Landscaping	Includes the following activities: <ul style="list-style-type: none"> <li>• Shallow grading, tilling, and planting. Grading and tilling, if needed, are used to smooth surface and/or bring in soil prior to planting</li> <li>• Mowing</li> <li>• Seeding</li> </ul>	Landscaping within or adjacent to historic properties
<b>2</b>	Right-of-way Reclamation	Includes the following activities: <ul style="list-style-type: none"> <li>• Removal of vegetation which has grown since original construction or reconstruction</li> <li>• Consists of cutting back existing vegetation within the clear zone</li> <li>• May include chemical treatment or grinding of stump to prevent regrowth</li> </ul>	Within or adjacent to historic properties

<b>No.</b>	<b>Activity</b>	<b>Description</b>	<b>Exceptions</b>
<b>3</b>	Replacement of existing lighting	In-kind replacement of existing lighting within right-of-way or at underpasses. In-kind lighting is defined as being of similar height, material, and location.	
<b>4</b>	Replacement of existing fencing	In-kind replacement of existing fencing within right of way. In kind is defined as being of similar height, material and location	
<b>5</b>	Ramp and intersection improvements	Consists of in-place replacement or upgrading of ramps and the addition of ramp turn lanes  Installation of ramp meters	

### **Section E: Other Maintenance/Upgrade Activities**

*Activities allowed in or adjacent to historic properties unless listed in the exceptions.*

*Activities limited to existing disturbed right of way (See Figure)*

<b>No.</b>	<b>Activity</b>	<b>Description</b>	<b>Exceptions</b>
<b>1</b>	Minor Drainage Improvements	Includes, but not limited to the following: <ul style="list-style-type: none"> <li>• Installation, replacement or removal of culverts and headwalls</li> <li>• Installation, replacement and extensions of pipes</li> <li>• Addition of pipe end sections</li> </ul>	Installation and replacement of headwalls on USFS property
<b>2</b>	Routine cleaning, maintenance, and repair of existing drainage stormwater management, and water quality facilities and devices		
<b>3</b>	Construction or repair of erosion control and protection measures	Includes, but not limited to the following: <ul style="list-style-type: none"> <li>• Slope stabilization</li> <li>• Slide repair</li> <li>• Rip Rap</li> <li>• Retaining walls</li> <li>• Streambank Stabilization</li> </ul>	
<b>4</b>	Correcting substandard roadway geometrics and intersections		Within or adjacent to historic properties

<b>No.</b>	<b>Activity</b>	<b>Description</b>	<b>Exceptions</b>
<b>5</b>	Modernization of an existing transportation facility by widening equal to or less than a travel lane	Includes, but not limited to the following: <ul style="list-style-type: none"> <li>• Shoulder additions</li> <li>• Bridge approaches</li> <li>• Turn lanes</li> </ul>	
<b>6</b>	Construction or repair of existing sidewalks, bicycle lanes, and multi-use paths		Within or adjacent to historic properties
<b>7</b>	Disposal of excess properties		Structures more than 45 years of age  Within or adjacent to historic properties
<b>8</b>	Preliminary Engineering Activities	Activities which do not involve or lead directly to construction (program activities), such as planning and research activities; engineering to define the elements of a proposed action or alternatives so that social, economic, and environmental effects can be assessed; and Federal-aid system revisions which establish classes of highways on the Federal-aid highway system [23CFR 771.117(c)(1)]	
<b>9</b>	Railroad crossing rehabilitation	Includes installation of the following: <ul style="list-style-type: none"> <li>• Bells, lights, gates</li> <li>• Pavement marking</li> <li>• LED upgrades</li> <li>• Paving of unpaved approaches</li> </ul> Does not include modifications to the railroad alignment or grade	Modifications to the railroad alignment or grade
<b>10</b>	Stormwater Retrofits	Construction of Stormwater BMP's into existing roadways and facilities	Within or adjacent to historic properties

## Section F: ADA Upgrades

*Activities allowed in or adjacent to historic properties unless listed in the exceptions.*

*Activities limited to existing disturbed right of way (See Figure)*

<b>No.</b>	<b>Activity</b>	<b>Description</b>	<b>Exceptions</b>
<b>1</b>	Installation of ADA curbcuts on existing sidewalks		Granite curbs within or adjacent to historic properties
<b>2</b>	Installation of ADA ramps to existing facilities		Within or adjacent to historic properties