



**US Army Corps
of Engineers®**

APPENDIX D: CULTURAL RESOURCES

WACCAMAW RIVER,

HORRY COUNTY, SOUTH CAROLINA

FLOOD RISK MANAGEMENT STUDY INTEGRATED FEASIBILITY REPORT AND ENVIRONMENTAL ASSESSMENT

MAY 2026

MAIN REPORT SUMMARY

The Integrated Feasibility Report and Environmental Assessment (FR/EA), that this appendix addresses, details a collaborative study by the U.S. Army Corps of Engineers (USACE) and Horry County, South Carolina. It is aimed at reducing existing and future flood risks to communities and transportation infrastructure within the Waccamaw River Basin, with a focus on Horry County. The study identifies four key flood impact areas: Longs & Red Bluff, Conway, Bucksport, and Socastee.

The flood impacts in each of these areas were independent of each other, so solutions could be evaluated self-reliantly, making any proposed alternative plans separable. The study considered a range of structural, non-structural, and nature-based solutions while incorporating public feedback gathered during meetings. An environmental analysis was completed, and a Finding of No Significant Impact is included within the main report. The document completed a public review and comment period while also undergoing internal agency reviews and adapted to those concerns and suggestions. In addition to historical flooding, the report acknowledges the flooding event caused by Hurricane Debby in August 2024 during this study, and its impact was assessed to further inform the study's conclusions.

The Recommended Plan, based on an evaluation of alternatives, includes two separable elements that are incrementally justified: Relief Bridges (cross drains) in the Conway flood impact area and Barrier Removal in the Socastee flood impact area. The Recommended Plan is classified as the National Economic Development Plan and is also the plan that maximizes net comprehensive benefits. No alternatives were justified for Federal investment for the Longs & Red Bluff and Bucksport flood impact areas. This Appendix provides detailed cultural information to support these recommendations.

Table of Contents

Table of Contents.....	2
List of Figures.....	3
A CULTURAL AND HISTORIC RESOURCES	4
A.1 Project Review areas- Final Array of Alternatives.....	4
A.1.1 Longs/ Red Bluff	4
A.1.2 Conway	6
A.1.3 Socastee	8
A.1.4 Bucksport	10
A.2 Evaluation of Alternatives	12
A.2.1 LRB-1 Levee/Floodwall Along Buck Creek at Rolling Ridge and Cox Lane ...	12
A.2.2 LRB-3 Simpson Creek Benching, Relief Bridges.....	12
A.2.3 LRB-6- Levee/Floodwall Along Buck Creek and Rolling Ridge, Benching, Relief Bridges.....	12
A.2.4 C3-Relief Bridges.....	12
A.2.5 C5-Comprehensive Structural and Non-Structural Plan.....	13
A.2.6 CNS-1-Elevation and Acquisition	13
A.2.7 S-1 -Floodwall and Barrier Removal.....	13
A.2.8 S-2- Detention Pond with Channel to Socastee Creek	13
A.2.9 S-3 -Barrier Removal	13
A.2.10 S-4 -Comprehensive Structural and Nonstructural Plan.....	13
A.2.11 SNS-3- Elevation and Acquisition.....	14
A.2.12 B1-Floodgate	14
A.2.13 B2-Pee Dee Highway Elevation.....	14
A.2.14 BNS2-Elevation and Acquisition	14
A.3 Tentatively Selected Plan	15
A.4 Coordination/Consultation Letters	22

List of Figures

Figure A-1: Total bridge reliefs in Conway. Construction of bridge culverts denoted by light red line. The Area of Potential Effect (APE) is defined as the project construction footprints, and any proposed staging or construction areas. A 0.5-mile study radius was implemented around each APE to determine if previous surveys or identified cultural resources were present. 16

Figure A-2: Bridge relief 1 on Highway 905 in Conway..... 17

Figure A-3: Bridge relief 2 on Highway 501 Business in Conway. 18

Figure A-4: Bridge relief 3 on East Highway 501 in Conway. 19

Figure A-5: Upstream and downstream weirs proposed for removal in Socastee..... 20

Figure A-6: Upstream weir in Socastee. 21

Figure A-7: Downstream weir in Socastee..... 22

A CULTURAL AND HISTORIC RESOURCES

The Waccamaw River feasibility study, located in Horry County, South Carolina, consists of four focus areas. The four areas include Longs/Red Bluff, Conway, Socastee, and Bucksport. In these areas, residents have experienced increasing episodes of flooding and consequential flood damage. While the goal of this feasibility study is to reduce flooding in residential areas, there is also a concern to cultural and historic resources within and near the areas of potential effect (APE) which is defined as the construction footprint for each alternative. A 0.5-mile radius of the APE (review area) was implemented to identify if any cultural resources were previously documented.

Flooding along the coast and reaching up rivers into low lying areas will cause flooding within/near historic properties and damage buildings. Damage may include, but is not limited to, structural damage and destruction of historic materials (e.g., furniture, textiles, archives, etc.). Erosion poses threats to historic properties and both terrestrial and submerged archaeological sites. Erosion can eliminate surface evidence of archaeological sites, wear away site layers, and displace materials from various cultural layers making recovery and interpretation challenging, if not impossible. Erosion will impact features more severely due to the disturbed nature of the soil, while leaving intact topographic layers less damaged.

The cultural resources research component for this project included utilizing the South Carolina archaeological site file database (SC ArchSite). Using the map viewer, proposed APEs were drawn into the digital map layer and archaeological, historical resources, and survey areas were recorded during the initial site research phase of the project. Site eligibility information was pulled from site forms that were documented within the proposed APEs and recorded.

A.1 Project Review areas- Final Array of Alternatives

A.1.1 Longs/ Red Bluff

There are a total of 37 historic structures and 14 archaeological sites within the Longs/Red Bluff review area.

LRB-1 Levee/Floodwall Along Buck Creek at Rolling Ridge and Cox Lane

A.1.1.1 Existing Setting

Four previous cultural resources surveys have been performed in the area. No known sites are located within the APE. Eight archaeological sites are located within a half mile of the review area (38HR135, 38HR137, 38HR232, 38HR472, 38HR546, 38HR547, 38HR548, and 38HR549). These include historic and prehistoric artifact scatters and a cemetery. Two sites have an undetermined eligibility for NRHP listing (38HR232 and 38HR472), one is a multicomponent prehistoric and historic site, and the other is the Bellamy Family Cemetery. The remaining sites are not NRHP eligible.

A.1.1.2 Future without Project Conditions

The future without project condition would continue to pose flood risk to both identified and unidentified archaeological resources along Buck Creek and Cox Lane and possibly damage and erode sites during major flood events. Such damage could destroy site integrity and pose risk to exposing archaeological resources to looting.

LRB-3 Simpson Creek Benching, Relief Bridges**A.1.1.3 Existing Setting**

There are no previous cultural resources surveys performed in the area. No known sites are located within the APE. Two archaeological sites are located within a half-mile review area (38HR147 and 38HR148), both of which are documented as Late Archaic to Middle Woodland lithic and ceramic scatters and are recommended ineligible for NRHP listing. The relief bridge is not historic and was constructed in 1986.

A.1.1.4 Future without Project Conditions

The future without project condition would continue to pose flood risk to both identified and unidentified archaeological resources along Simpson Creek and possibly damage and erode sites during major flood events. Such damage could destroy site integrity and pose risk to exposing archaeological resources to looting.

LRB-6 Levee/Floodwall Along Buck Creek and Rolling Ridge, Benching, Relief Bridges**A.1.1.5 Existing Setting**

Levee/Floodwall: Four previous surveys have been performed in the area. No known sites are located within the APE. Eight archaeological sites are located within the half mile review area (38HR135, 38HR137, 38HR232, 38HR472, 38HR546, 38HR547, 38HR548, and 38HR549). These include historic and prehistoric artifact scatters and a cemetery. Two sites have an undetermined NRHP eligibility (38HR232 and 38HR472), one of these is a multicomponent prehistoric and historic site and the other is the Bellamy Family Cemetery. The remaining sites are not eligible for NRHP listing.

Benching and Relief Bridges: One previous survey was performed in the area. No known sites are located within the APE. Two archaeological sites are located within the half mile review area (38HR147 and 38HR148), both of which are documented as Late Archaic to Middle Woodland lithic and ceramic scatters and are recommended ineligible for listing in the NRHP. The relief bridge is not historic and was constructed in 1986.

A.1.1.6 Future without Project Conditions

The future without project condition would continue to pose flood risk to both identified and unidentified archaeological resources along Buck Creek and Rolling Ridge and possibly damage and erode sites during major flood events. Such damage could destroy site integrity and pose risk to exposing archaeological resources to looting.

A.1.2 Conway

There are a total of 38 historic areas and 181 important historic structures within the Conway APE.

C3-Relief Bridges

A.1.2.1 Existing Setting

Relief Bridge at Highway 905: there are no documented surveys or sites within the APE. Six archaeological sites are located within the half mile review area (38HR1, 38HR32, 38HR62, 38HR63, 38HR317, and 38HR339), one of which is NRHP eligible (38HR1) and another that is undetermined (38HR32) for inclusion in the NRHP. Sites 38HR62, 38HR63, 38HR317, and 38HR339 are not NRHP eligible. There are four archaeological sites documented within the Waccamaw River in that area and three historic structures in close proximity to the APE that will need to be assessed for the eligibility for listing in the NRHP. The sites located within the Waccamaw River are 38HR32, 38HR63, 38HR339, and 38HR62. The three historic structures near the APE include Conway Railroad Station (not NRHP eligible), Atlantic Coastline Railroad Depot (NRHP-listed), and the Railroad bridge over the Waccamaw River (NRHP-eligible).

Relief Bridge at Highway 501 Business: there is one documented survey in the project review area, but none in the APE. There is one known site (368HR62) within the APE, which is documented as a 19th and 20th century site with unknown NRHP eligibility determination. There are four additional archaeological sites within a half-mile review area (38HR1, 38HR63, 38HR317, and 38HR339), one of which (38HR1) is determined eligible for the NRHP and is documented as a 19th century site within the Conway Downtown Historic District. Some of these sites are submerged cultural resources. The submerged sites include 38HR63, 38HR339, and 38HR62. A portion of the Waccamaw River Warehouse Historic District is within the APE, whereas the entirety of the Waccamaw River Warehouse Historic District and the Conway Downtown Historic District and portions of the Conway Residential Historic District are within the half-mile review area.

Relief Bridge at E Highway 501: there are two documented surveys within the project review area, but none in the APE. No archaeological sites are documented within a half-mile review area. Two historic structures are within a half-mile review area, which are structures dating to the 1960s that are not eligible for listing in the NRHP.

A.1.2.2 Future without Project Conditions

The future without project condition would continue to pose flood risk to both identified and unidentified archaeological resources and possibly damage and erode sites during major flood events near the roads. Such damage could destroy site integrity and pose risk to exposing archaeological resources to looting. Historic structures located near the roadways would continue to be damaged during floods.

C5-Comprehensive Structural and Non-Structural Plan

A.1.2.3 Existing Setting

The comprehensive structural and non-structural plan includes a combination of Relief Bridges (C-3), structural elevation and acquisition (CNS-1).

A.1.2.4 Future without Project Condition

The future without project condition would continue to pose flood risk to both identified and unidentified archaeological resources and possibly damage and erode sites during major flood events. Such damage could destroy site integrity and pose risk to exposing archaeological resources to looting.

CNS-1-Elevation and Acquisition

A.1.2.5 Existing Setting

Acquisition Area 1 has had one cultural resources survey performed that covers a portion of the APE. No cultural resources identified within the portion of the APE have been surveyed, but there is one archaeological site and five historic structures within the half-mile review area. The archaeological site (38HR121) is documented as an unknown prehistoric and 19th century multicomponent site that is undetermined for inclusion in the NRHP. The historic structures are not NRHP-eligible.

Acquisition Area 2 has had two cultural resources surveys within the review area. Two archaeological sites (38HR182 and 38HR183) are documented within the APE, which are a Late Archaic to Middle Woodland and 18th century multicomponent site and a Mississippian and 18th century multicomponent site, both of which are not eligible for listing in the NRHP. An additional 21 archaeological sites, along with 4 historic structures, are documented within the half-mile review area. All but three sites are not NRHP-eligible, and sites 38HR468, 48HR469, and 38HR470 are potentially NRHP-eligible. The historic structures are not eligible for the NRHP.

Acquisition Area 3 has no documented cultural resources surveys within the review area. There are 13 archaeological sites documented within the APE (38HR353-38HR364, 38HR366), with an additional archaeological site (38HR365) and 15 historic structures within the half-mile review area. The sites within the APE are mostly prehistoric sites that are not NRHP-eligible, but there are three Early to Middle Woodland sites (38HR358, 38HR360, 38HR364) that have unknown eligibility. The historic structures are not NRHP-eligible.

Acquisition Area 4 has two documented cultural resources surveys within the APE, and another within the half-mile review area. There are two archaeological sites (38HR7, 38HR34) and four historic structures present within the APE. One of the archaeological sites (38HR34) is documented as a 19th and 20th century site that is NRHP eligible, while the other resources are not eligible.

Acquisition Area 5 has no documented surveys or cultural resources present within the half-mile review area.

Acquisition Area 6 has no documented cultural resources surveys within the review area. Two archaeological sites (38HR124, 38HR125) and one NRHP-listed structure (Buck's Upper Mill Farm) are documented within the APE. Both sites have an undetermined NRHP eligibility and are documented as 18th and 19th century historic sites, and 38HR125 also has a 20th century component. One additional archaeological site (38HR35) and an additional seven historic structures are located within the half-mile review area. The site (38HR35) and three of the historic structures (108 0080-Dusenberry and Company Stores and 108 0079-Ralph Woodward House) have an undetermined NRHP eligibility.

Acquisition Area 7 has no documented surveys within the review area. There are no archaeological sites within the APE, but there is one archaeological site (38HR3) that is not eligible for inclusion in the NRHP within the half-mile review area.

Acquisition Area 8 has two cultural resources surveys documented within the APE, and an additional survey documented within the half-mile review area. There are no archaeological sites within the APE, but there are two archaeological sites (38HR171, 38HR172) and two historic structures within the half-mile review area, all of which are not eligible for listing in the NRHP.

A.1.2.6 Future without Project Conditions

The future without project condition would continue to pose flood risk to both identified and unidentified archaeological resources and possibly damage and erode sites during major flood events. Such damage could destroy site integrity and pose risk to exposing archaeological resources to looting. Properties would remain under private ownership, and the potential resources located on these properties would continue to be damaged by flooding events.

A.1.3 Socastee

There are two historic areas and 38 historic structures within the Socastee APE.

S-1 Floodwall and Barrier Removal

A.1.3.1 Existing Setting

Floodwall: No cultural resources surveys have been performed in the APE, but four surveys have been performed in the half-mile review area. There are three archaeological sites (38HR47, 38HR163, 38HR385) within the half-mile review area. Archaeological site 38HR47 is an unknown prehistoric site. Site 38HR163 is a 20th century site and site 38HR385 is identified as an unknown prehistoric site with a Middle Woodland component. Two historic structures are also located within the review area and are identified as mid 1950s structures. None of the resources are eligible for listing in the NRHP.

Barrier Removal:

Upstream Weir (North/East): There are no documented cultural resources surveys in the APE, while there are two survey areas within the half-mile review area. No cultural resources are documented within the APE or the half-mile review area.

Downstream Weir (South/West): There are no documented cultural resources surveys in the APE, while there are two survey areas within the half-mile review area. No cultural resources are documented within the APE, but two sites (38HR47, 38HR385) are documented within the half-mile review area. Both sites are prehistoric in nature and are not eligible for inclusion in the NRHP.

A.1.3.2 Future without Project Conditions

The future without project condition would continue to pose flood risk to both identified and unidentified archaeological resources and possibly damage and erode sites during major flood events. Such damage could destroy site integrity and pose risk to exposing archaeological resources to looting.

S-2 Detention Pond with Channel to Socastee Creek**A.1.3.3 Existing Setting**

No cultural resources surveys have been performed in the APE, but four surveys have been performed in the review area. No cultural resources are documented within the APE or the half-mile review area.

A.1.3.4 Future without Project Conditions

The future without project condition would continue to pose flood risk to both identified and unidentified archaeological resources along Socastee Creek and possibly damage and erode sites during major flood events. Such damage could destroy site integrity and pose risk to exposing archaeological resources to looting.

S-3 Barrier Removal**A.1.3.5 Existing Setting**

Upstream Weir (North/East): There are no documented cultural resources surveys in the APE, while there are two survey areas within the half-mile review area. No cultural resources are documented within the APE or the half-mile review area.

Downstream Weir (South/West): There are no documented cultural resources surveys in the APE, while there are two survey areas within the half-mile review area. No cultural resources are documented within the APE, but two sites (38HR47, 38HR385) are documented within the half-mile review area. Both sites are prehistoric in nature and are not eligible for listing in the NRHP.

A.1.3.6 Future without Project Conditions

The future without project condition would continue to pose flood risk to both identified and unidentified archaeological resources and possibly damage and erode sites during major flood events. Such damage could destroy site integrity and pose risk to exposing archaeological resources to looting.

S-4 Comprehensive Structural and Nonstructural Plan**A.1.3.7 Existing Setting**

The comprehensive structural and nonstructural plan includes a floodwall (S-1), a detention pond with channel to Socastee Creek (S-2), and structural elevation (SNS-1).

A.1.3.8 Future without Project Conditions

The future without project condition would continue to pose flood risk to both identified and unidentified archaeological resources and possibly damage and erode sites during major flood events. Such damage could destroy site integrity and pose risk to exposing archaeological resources to looting.

SNS-3 Elevation and Acquisition

A.1.3.9 Existing Setting

Approximately 12 cultural resources surveys have occurred within the APE and surrounding half-mile review area. There are 13 archaeological sites, 45 historic structures, one NRHP-listed historic property over 10 acres, and two historic districts within the half-mile review area, some of which are located within the APE. Three sites within the review area (38HR271, 38HR273, and 38HR274) are documented as undetermined for inclusion in the NRHP. Site 38HR271 is documented as a 18th, 19th, and 20th century site, site 38HR273 is documented as a 19th and 20th century site, and site 38HR274 is documented as a 19th century site. The remaining 10 sites are documented as either not eligible or needing additional information for an eligibility determination. These sites range from prehistoric to historic and include 38HR272, 38HR367, 38HR368, 38HR385, 38HR578, 38HR579, 38HR580, 38HR591, 38HR592, and 38HR593. Many of the historic structures belong to the Socastee Historic District, which is located within the APE. These historic properties include the Cooper Mercantile and Postal Store, Tenant House, Thomas Beaty Cooper House, Rubin Sarvis House, and the Socastee Intracoastal Waterway Bridge, all of which are contributing to the historic district. The Central Hall House is an eligible property located in a historic district as well. Other historic structures include historic homes, barns, and churches, all of which are currently indicated as not eligible for the NRHP but may need to be reassessed.

A.1.3.10 Future without Project Conditions

The future without project condition would continue to pose flood risk to both identified and unidentified archaeological resources and possibly damage and erode sites during major flood events. Such damage could destroy site integrity and pose risk to exposing archaeological resources to looting. Historic structures located in low-lying areas would continue to be damaged during floods, risking increased maintenance/renovation costs and total loss of the structures' historical significance if damage continues. For acquisition, properties would remain under private ownership, and the potential resources located on these properties would continue to be damaged by flooding events.

A.1.4 Bucksport

There are nine historic structures and six archaeological sites within the Bucksport APE.

B1-Floodgate

A.1.4.1 Existing Setting

Two previous cultural resources surveys have been performed in the review area. There are no documented sites within the APE, but one site (38HR599) is within a half-mile review area. Site 38HR599 is a 19th and 20th century site and is not eligible for NRHP listing.

A.1.4.2 Future without Project Conditions

The future without project condition would continue to pose flood risk to both identified and unidentified archaeological resources and possibly damage and erode sites during major flood events. Such damage could destroy site integrity and pose risk to exposing archaeological resources to looting. Properties would remain under private ownership, and the potential resources located on these properties would continue to be damaged by flooding events.

B2-Pee Dee Highway Elevation

A.1.4.3 Existing Setting

No previous cultural resources surveys have been conducted within a half-mile review area. There are no documented sites within the APE, but there is one archaeological site (38HR631) and 24 historic structures within the half-mile review area. The site (38HR631) is documented as a 19th and 20th century house site that is ineligible for the NRHP. None of the 24 historic structures are documented as eligible for the NRHP, but ten of the historic structures are in close proximity to the APE and may need to be reassessed for eligibility. These structures include a structure dating to 1726, a farm dating to the 1900s, a church dating to the 1950s, houses dating to the 19th and 20th centuries and other structures dating from the 1920s to 1950s.

A.1.4.4 Future without Project Conditions

The future without project condition would continue to pose flood risk to both identified and unidentified archaeological resources and possibly damage and erode sites during major flood events. Such damage could destroy site integrity and pose risk to exposing archaeological resources to looting. Historic structures located in low-lying areas would continue to be damaged during floods, risking increased maintenance/renovation costs and total loss of the structures' historical significance if damage continues.

BNS2-Elevation and Acquisition

A.1.4.5 Existing Setting

No cultural resources surveys have been conducted within the APE, but two linear surveys are documented within the half-mile review area. There are no archaeological sites documented within the APE or within the half-mile review area. No historic structures are documented within the APE or review area.

A.1.4.6 Future without Project Conditions

The future without project condition would continue to pose flood risk to both identified and unidentified archaeological resources and possibly damage and erode sites during major flood events. Such damage could destroy site integrity and pose risk to exposing archaeological resources to looting. Historic structures located in low-lying areas would continue to be damaged during floods, risking increased maintenance/renovation costs and total loss of the structures' historical significance if damage continues. For acquisition, Properties would remain under private ownership, and the potential resources located on these properties would continue to be damaged by flooding events.

A.2 Evaluation of Alternatives

A.2.1 LRB-1 Levee/Floodwall Along Buck Creek at Rolling Ridge and Cox Lane

There are minor cultural resources concerns. No current concerns for historic properties that would be adversely impacted by this alternative. Either a no effect or no adverse effect determination anticipated. Measures to reach a no effect determination may include 100-foot buffers surrounding these sites, indicated as avoidance areas on maps to protect their location. In addition to buffer zones for known cultural resources, a cultural resources survey should be performed in unsurveyed areas, which would allow for a final determination of effects.

A.2.2 LRB-3 Simpson Creek Benching, Relief Bridges

There are no cultural resources concerns anticipated. The sites are recommended ineligible and are far enough outside the project area that no impacts are anticipated. A no effect determination can be assumed, as long as there is no historic component to the relief bridge. Buffer zones would be needed only if staging and access roads are required near the cultural sites (unanticipated). Cultural resources surveys may be necessary for unsurveyed areas. An assessment of the current bridge structure would be required to determine if there are any historic components.

A.2.3 LRB-6- Levee/Floodwall Along Buck Creek and Rolling Ridge, Benching, Relief Bridges

For the Levee/Floodwall cultural concerns are low to medium. No current concerns for historic properties that would be adversely impacted by this alternative. Either a no effect or no adverse effect determination is anticipated. Measures to reach a no effect determination may include 100-foot buffers surrounding these sites, indicated as avoidance areas on maps to protect their locations. For the Benching and Relief Bridges, no cultural resources concerns were identified. The sites are recommended ineligible for NRHP listing and are far enough outside the project area that no impacts are anticipated. A no effect determination can be assumed, as long as there is no historic component to the relief bridge. Buffer zones would be needed only if staging and access roads are required near cultural sites.

In addition to buffer zones for known cultural resources near the Levee/Floodwall, a cultural resources survey should be performed in unsurveyed areas, which would allow for a final determination of effects. If delaying surveys until the Preconstruction, Engineering, and Design Phase (PED), an agreement document may be required for Section 106 compliance. For the Benching and Relief Bridges, cultural resources surveys may be necessary for unsurveyed areas. An assessment of the current bridge structure would be required to determine if there are any historic components. If delaying surveys until PED, an agreement document may be required for Section 106 compliance.

A.2.4 C3-Relief Bridges

There are no cultural resources concerns anticipated for the three relief bridges (See section A3). A no effect determination can be assumed, as long as there is no historic component to the relief bridge. Buffer zones would be needed only if staging and access roads are required near the cultural sites (unanticipated). This alternative is detailed further in section A3.

A.2.5 C5-Comprehensive Structural and Non-Structural Plan

This alternative includes implementation of relief bridges, structural elevation, and acquisition at Conway. There are no cultural resources concerns anticipated for the three relief bridges. Surveys may be required for structural elevation to identify and/or better assess the historic properties that may be located within these areas. For acquisition, areas 1-4, and 6 have cultural resources that are either eligible or need to have an eligibility determination made to fully assess potential impacts. The assessment is mainly to provide awareness on which properties are historic in nature, so that whichever entity is acquiring those properties has an awareness of their historical significance. Areas 5, 7, and 8 have no historic properties identified. A historic structures survey may be required to identify any previously unidentified historic properties. If delaying surveys until PED, an agreement document may be required for Section 106 compliance.

A.2.6 CNS-1-Elevation and Acquisition

For acquisition, areas 1-4, and 6 have cultural resources that are either eligible or need to have an eligibility determination made to fully assess potential impacts. The assessment is mainly to provide awareness on which properties are historic in nature, so that whichever entity is acquiring those properties has an awareness of their historical significance. Areas 5, 7, and 8 have no historic properties identified. A historic structures survey may be required to identify any previously unidentified historic properties. If delaying surveys until PED, an agreement document may be required for Section 106 compliance.

A.2.7 S-1 -Floodwall and Barrier Removal

Cultural resources concerns for the floodwall at Socastee is low. The lack of documented sites within the project area and the fact that nearby sites are recommended ineligible for NRHP listing and are located far enough outside the project area means that no impacts are anticipated. A no effect determination can be assumed. Cultural resources surveys may be necessary for unsurveyed areas. Cultural resources concerns for barrier removal is low (See section A3). A no effect determination can be assumed.

A.2.8 S-2- Detention Pond with Channel to Socastee Creek

Cultural resources concerns are low. The lack of documented sites within the project APE means that no impacts to historic properties are anticipated. A no effect determination can be assumed. Due to the fact that no known cultural resources surveys have been performed in the area may necessitate surveys to be conducted. If delaying surveys until PED, an agreement document may be required for Section 106 compliance.

A.2.9 S-3 -Barrier Removal

Cultural resources concerns for barrier removal is low (See section A3). A no effect determination can be assumed.

A.2.10 S-4 -Comprehensive Structural and Nonstructural Plan

This alternative includes a floodwall (S-1), a detention pond with channel to Socastee Creek (S-2), and structural elevation (SNS-1). Cultural resources concerns for the floodwall at Socastee is low. The lack of documented sites within the project area and the fact that nearby sites are recommended ineligible for

NRHP listing and are located far enough outside the project area means that no impacts are anticipated. A no effect determination can be assumed. Cultural resources surveys may be necessary for unsurveyed areas. Cultural resources concerns are low for the detention pond with channel to Socastee Creek. The lack of documented sites within the project APE means that no impacts to historic properties are anticipated. A no effect determination can be assumed. Since no known cultural resource surveys have been performed in the area may necessitate surveys to be conducted. For structural elevation, surveys may be required to identify and/or better assess the historic properties within this area and how elevation may impact them and the integrity of the historic property. Structures should be documented in their original condition prior to modifications being implemented.

A.2.11 SNS-3- Elevation and Acquisition

Cultural resources concerns for elevation are medium to high. This area has a high concentration of NRHP eligible historic properties, a historic district, and other culturally significant resources. Surveys would be required to identify and/or better assess the historic properties within this area and how elevation may impact them and the integrity of the historic resource. Cultural concerns are medium for acquisition. The presence of historic properties and a historic district, along with other resources that may need to have their NRHP eligibility determination reassessed, will mean that a higher level of analysis may be required for a determination of effects. Surveys may be required to identify and/or better assess the historic properties within this area and how acquisition may impact them. These structures may need to be assessed/documentated in their original condition prior to transfer to this new entity, and a covenant or some other level of jurisdictional control (e.g., easement) may be required to ensure future protections.

A.2.12 B1-Floodgate

Cultural resources concerns are low. A no effect determination can be assumed, especially since it appears that a majority of the work will be performed in a previously disturbed area. Buffer zones would only be needed if staging and access roads are required near the cultural sites (unanticipated).

A.2.13 B2-Pee Dee Highway Elevation

Cultural resource concerns are low to medium. A no effect determination is likely; however, the presence of historic structures nearby that may need to be reassessed for an eligibility determination will mean that a higher level of analysis may be required for a determination of effects. If these structures are found to meet the definition of a historic property and are eligible for NRHP listing, then adverse effects are possible due to the changing viewshed if the highway is elevated.

A.2.14 BNS2-Elevation and Acquisition

Cultural resources concerns are low for elevation. Surveys may be required to identify and/or better assess the historic properties that may be located within these areas. Any identified structures would need to be assessed/documentated in their original condition prior to modifications being implemented. Cultural concerns are low for acquisition. A historic structures survey may be required to identify any previously unidentified historic properties (unanticipated).

A.3 Tentatively Selected Plan

On June 24, 2024, the Waccamaw Project Development Team (PDT) selected the Tentatively Selected Plan (TSP). The TSP includes bridge relief modifications in Conway and barrier/weir removal in the Socastee area. None of the alternatives at Longs/Red Bluff and Bucksport were selected for the TSP. With the selection of the TSP, letters were sent to all involved agencies and stakeholders on August 19, 2024. The TSP is now the Recommended Plan.

C3-Relief Bridges

A.3.1.1 Determination of Effects

This plan includes adding relief bridges/culverts at Highway 501 Business, the Highway 501 bypass, and at Highway 905 to increase conveyance through these areas where potential bottlenecks are occurring (Figures A-1 through A-4). The exact location and length of the bridges along these roadways is still being determined and will depend on the amount of additional flow needed. Edward E. Burroughs relief bridges would most likely consist of culverts due to the proximity of the existing bridge. The proposed protections include decreasing the flood depths and size of the floodplain upstream of the Edward E. Burroughs highway along the Waccamaw River. This relief bridge would convey more water away from the inundated zone. This is expected to decrease the water depths and possibly decrease the size of the floodplain upstream of Highway 501 Business that crosses the Waccamaw River. Installation of drainage infrastructure on Highway 501 is proposed, which would consist of a new bridge and culverts to allow more flow and will be dependent on space and South Carolina Department of Transportation (SCDOT) requirements.

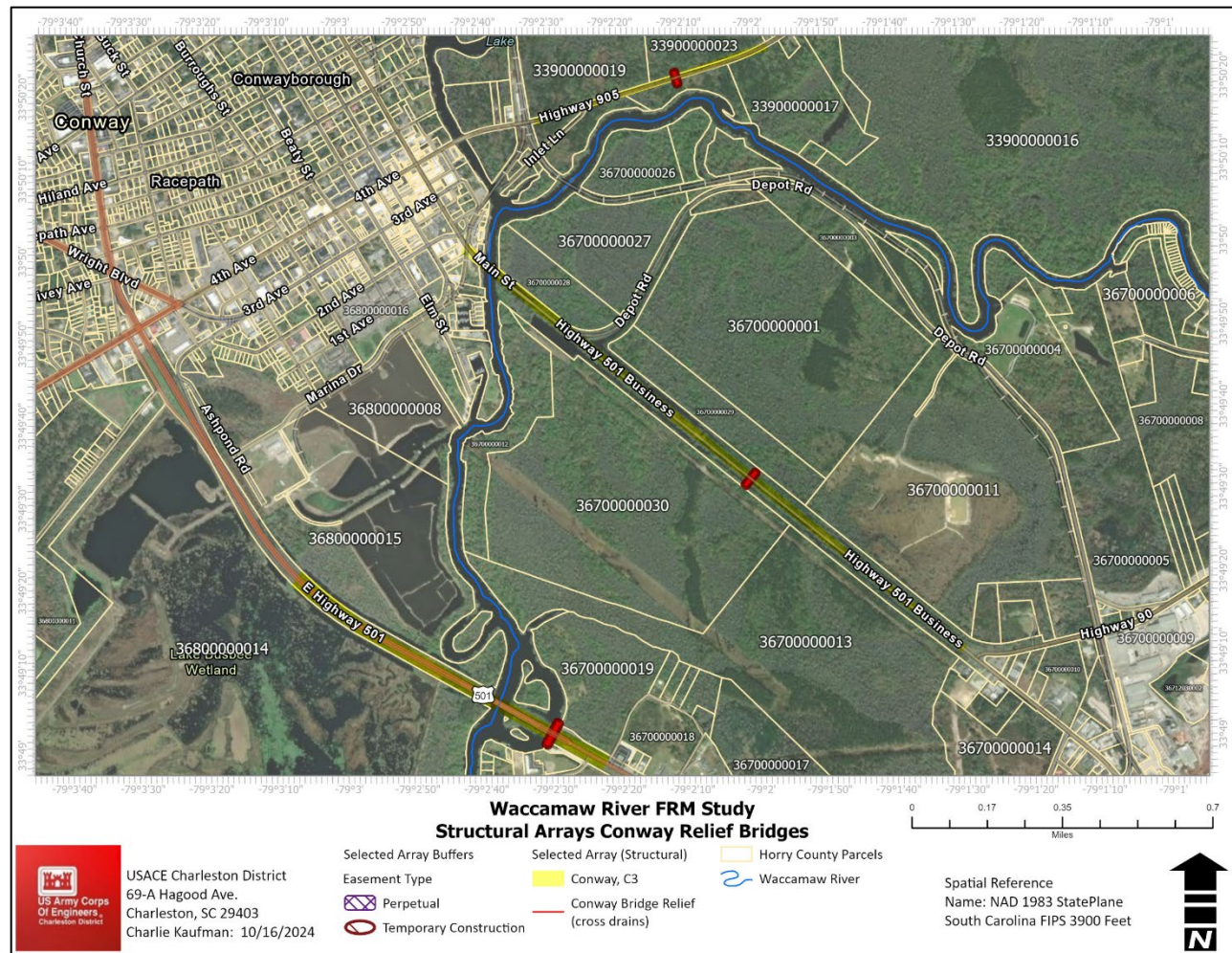


Figure A-1: Total bridge reliefs in Conway. Construction of bridge culverts denoted by light red line. The Area of Potential Effect (APE) is defined as the project construction footprints, and any proposed staging or construction areas. A 0.5-mile study radius was implemented around each APE to determine if previous surveys or identified cultural resources were present.

The probability of the Highway 905 APE containing unidentified cultural resources for this undertaking is low. The small construction footprint and lack of identified historic properties results in a no effect to historic properties determination.

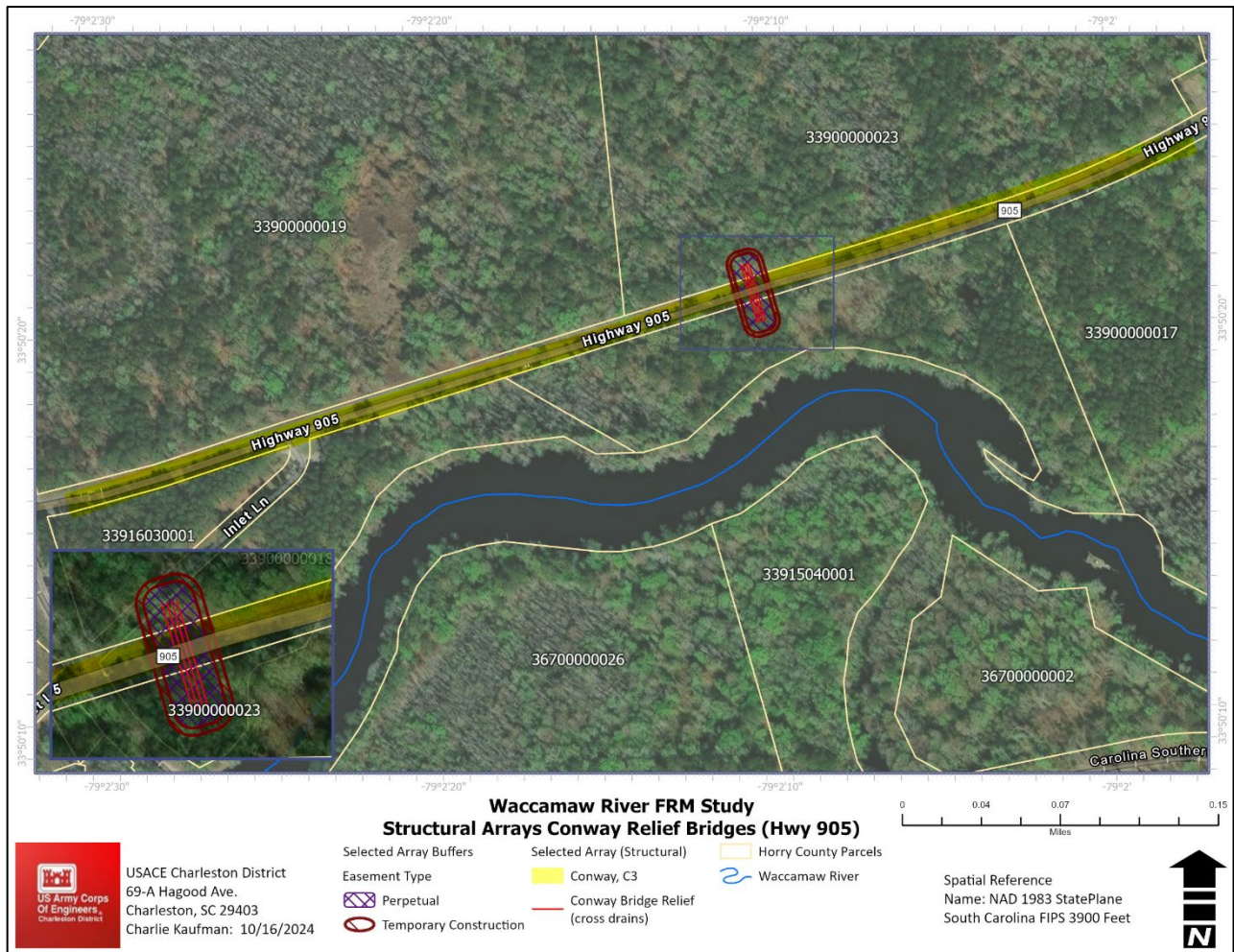


Figure A-2: Bridge relief 1 on Highway 905 in Conway.

The probability of the Highway 501 Business APE containing unidentified cultural resources for this undertaking is low. The small construction footprint and lack of identified historic properties results in a no effect to historic properties determination.

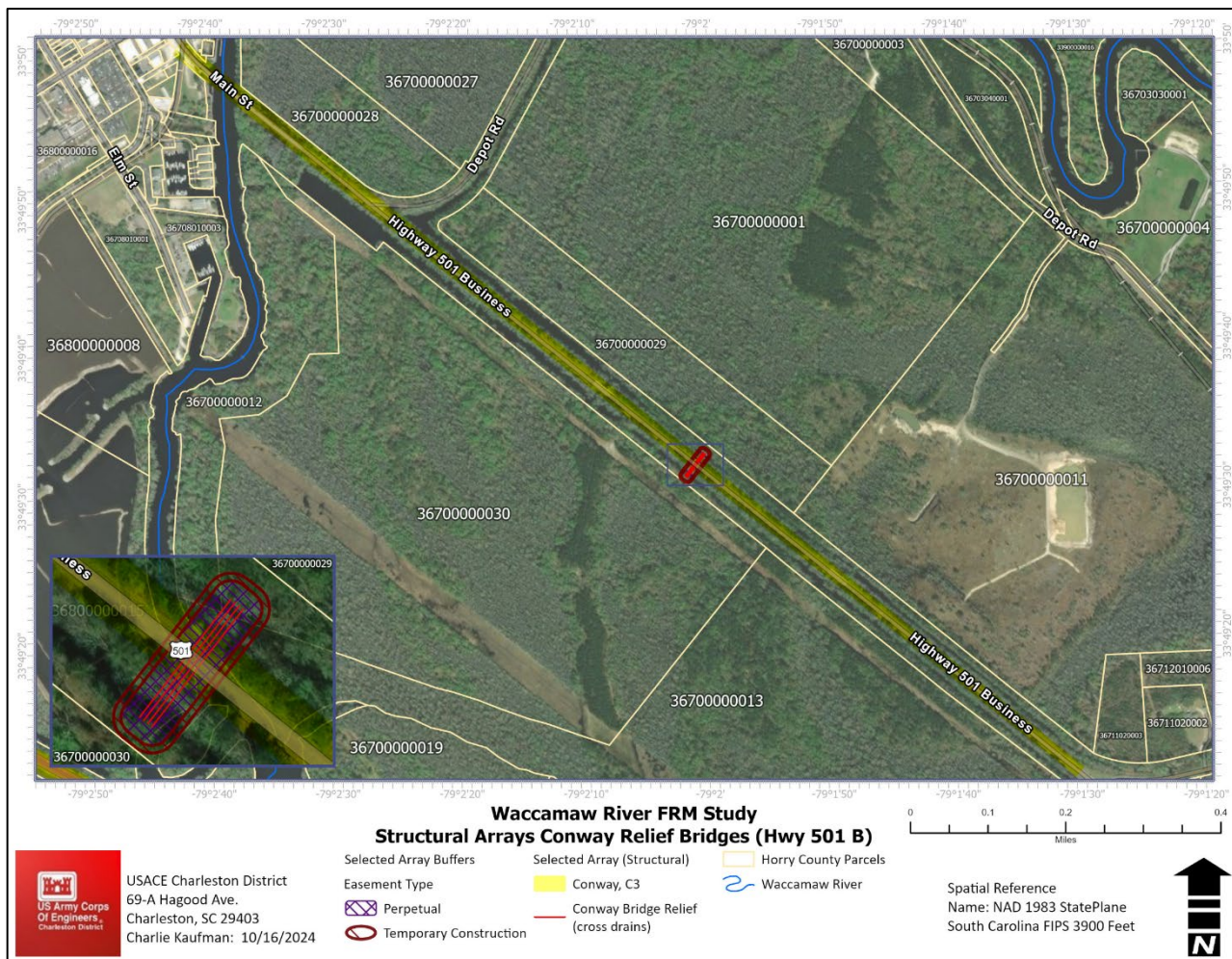


Figure A-3: Bridge relief 2 on Highway 501 Business in Conway.

The probability of the east Highway 501 APE containing unidentified cultural resources for this undertaking is low. The small construction footprint and lack of identified historic properties results in a no effect to historic properties determination.

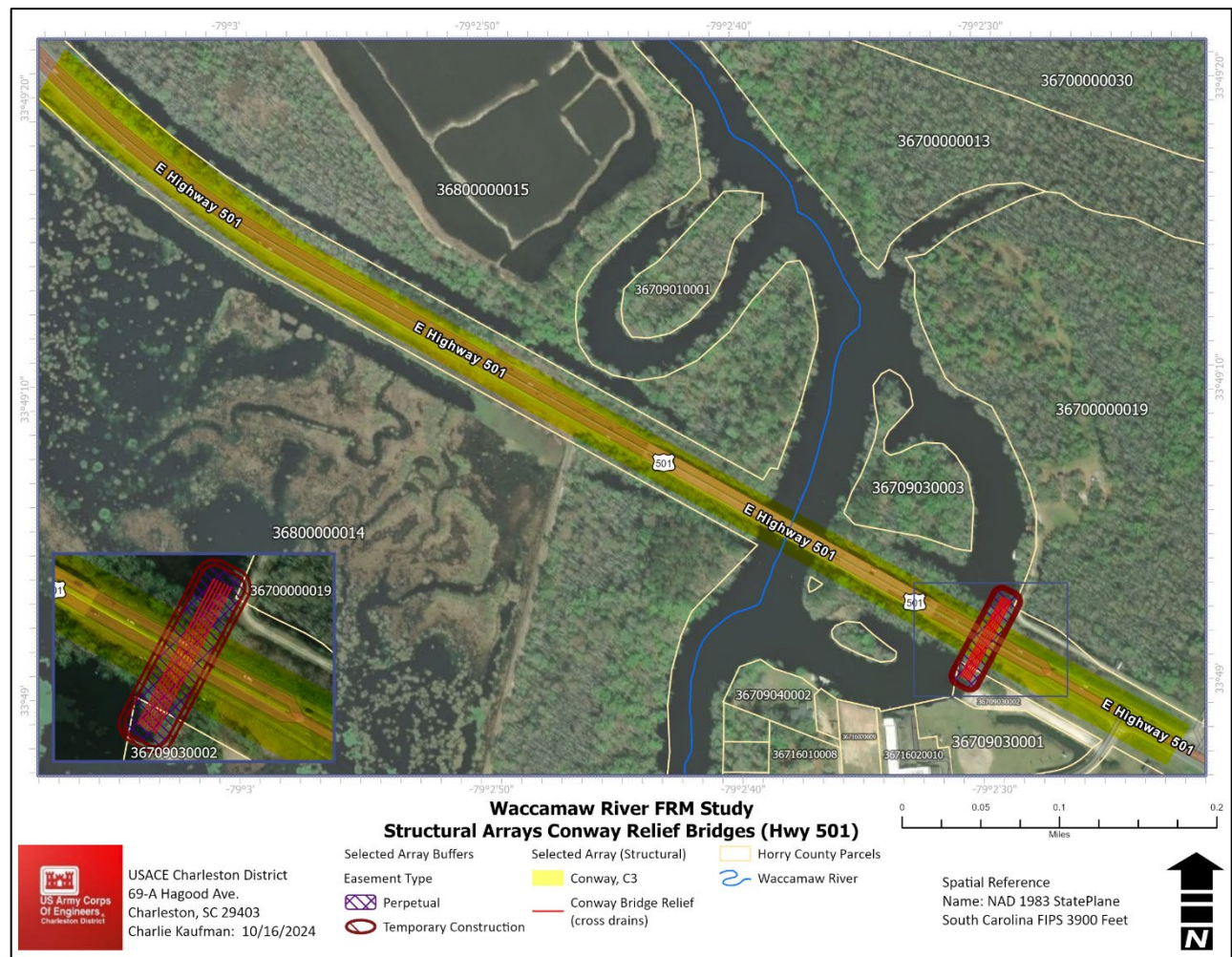


Figure A-4: Bridge relief 3 on East Highway 501 in Conway.

The probability of the APE containing unidentified cultural resources for this undertaking is low. Relief bridges at Highway 905, at Highway 501 Business, and at East Highway 501 all have a low probability for containing previously unidentified cultural resources given the small construction footprint.

S3-Barrier Removal

A.3.1.2 Determination of Effects

This plan includes removing the two existing weirs on the Socastee Creek Federal Project. The weirs were originally constructed to maintain a certain ground water level to mitigate loss of wetland area. Water currently flows around the weirs, eroding the area and causing damage to the weir structure. This measure would increase conveyance in the adjacent flood impact area.

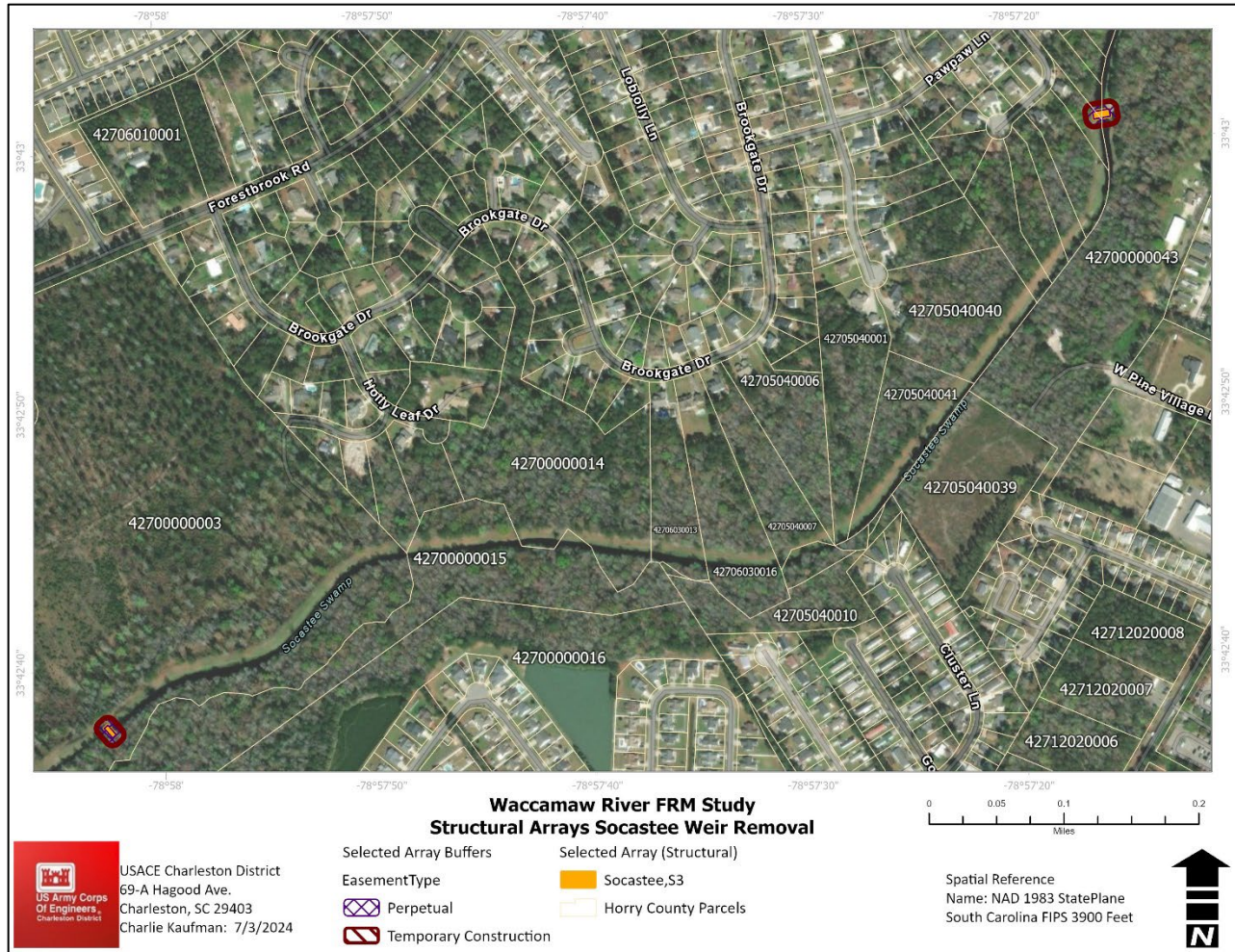


Figure A-5: Upstream and downstream weirs proposed for removal in Socastee.

The probability of the upstream weir (north/east) APE containing unidentified cultural resources for this undertaking is low. The small construction footprint and lack of identified historic properties results in a no effect to historic properties determination.

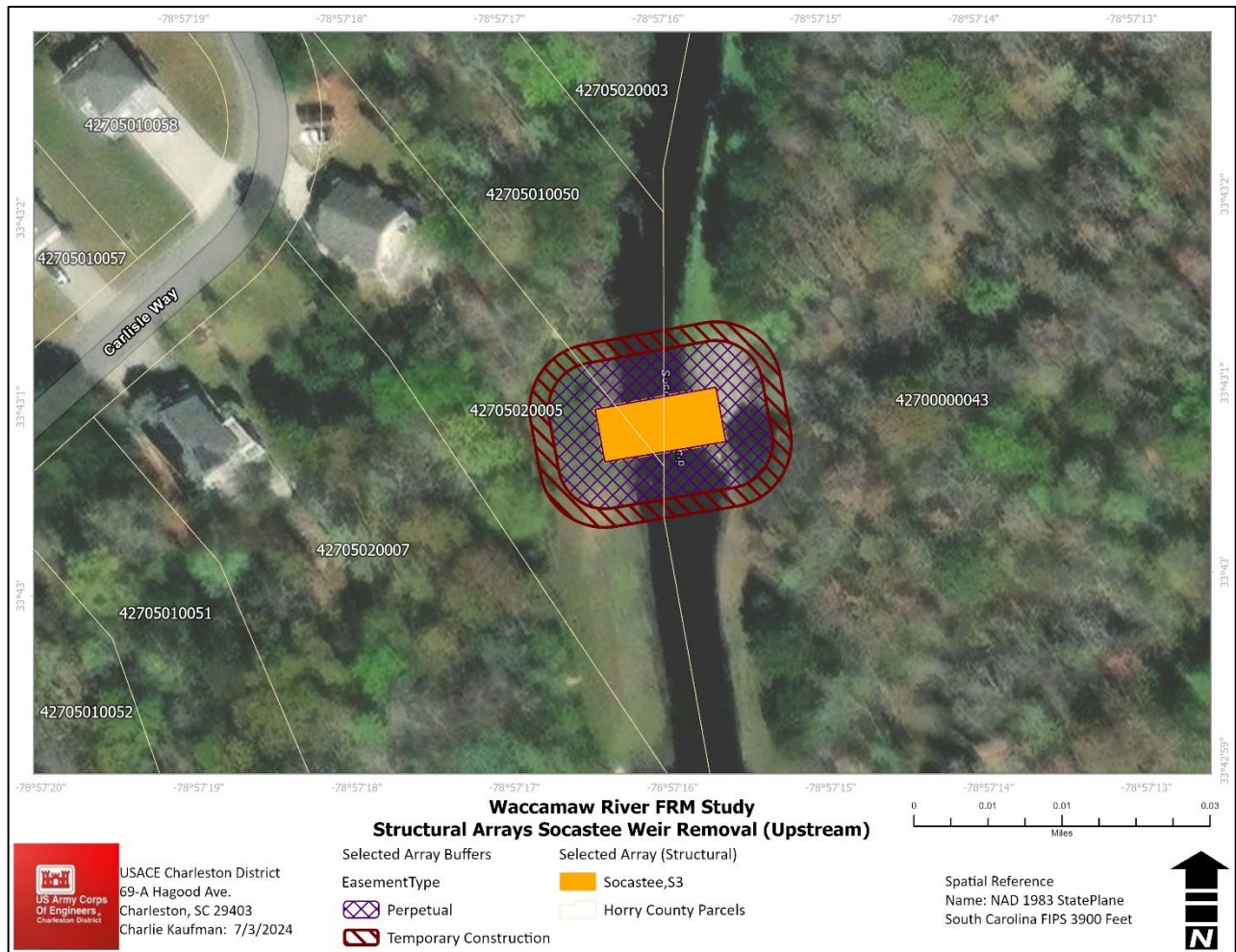


Figure A-6: Upstream weir in Socastee.

The probability of the downstream weir (south/west) APE containing unidentified cultural resources for this undertaking is low. The small construction footprint and lack of identified historic properties results in a no effect to historic properties determination.

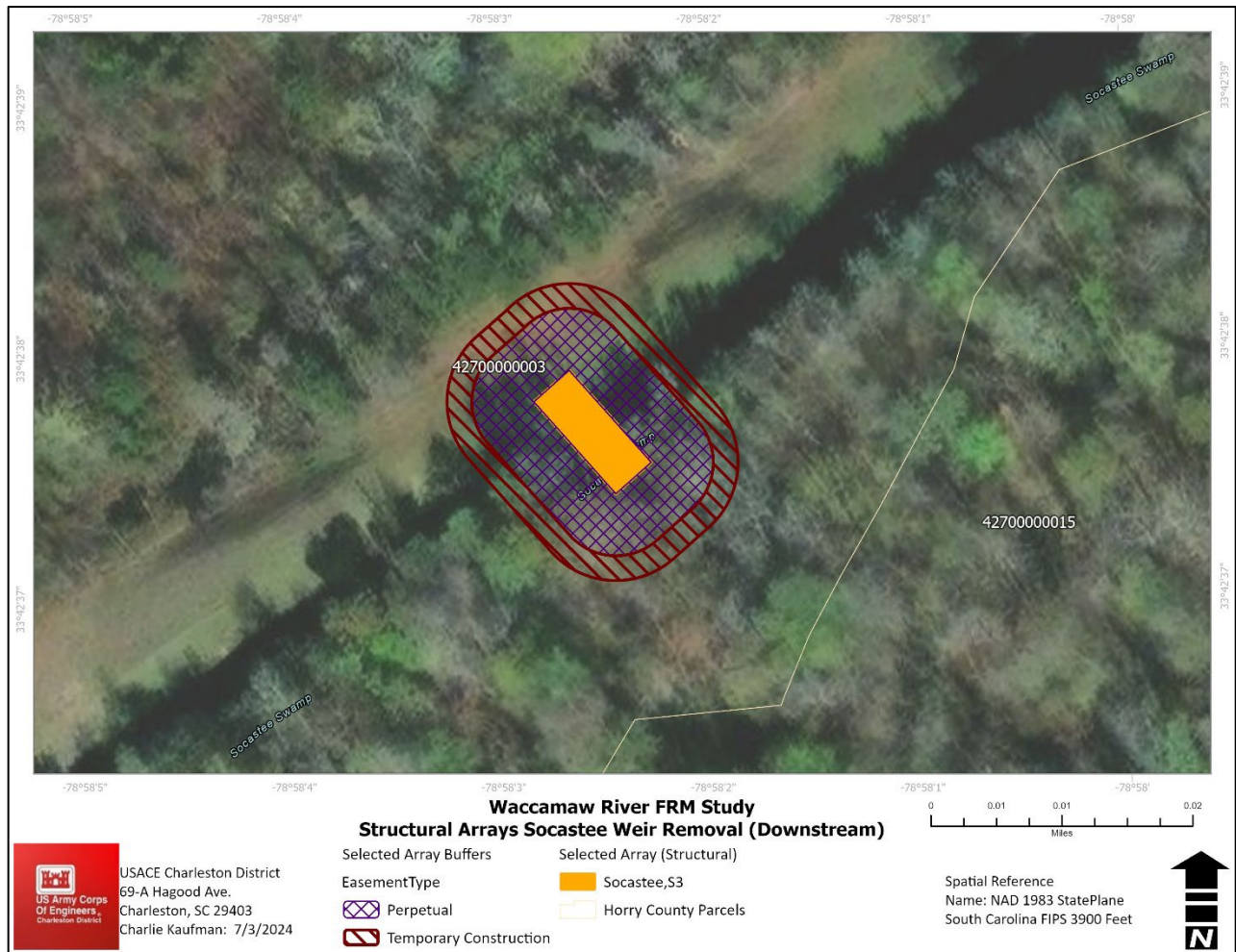


Figure A-7: Downstream weir in Socastee.

The APE of the weir removals has a low probability of containing cultural resources. The lack of documented sites within the APE and the fact that nearby sites are recommended ineligible for inclusion in the NRHP and are located far enough outside the APE means that no impacts are anticipated. Additionally, the weirs are not historic in nature, having been constructed in 1993.

A.4 Coordination/Consultation Letters

The following are the initial coordination letters sent November 1, 2022, introducing the Waccamaw FRM Project.

From: [Farmer, Andrea A CIV \(USA\)](#)
To: wenonah.haire@catawba.com; caitlin.rogers@catawba.com
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:11:00 PM
Attachments: [USACE SAC Waccamaw River FRM for Catawba Indian Nation Nov 2022.pdf](#),
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon Dr. Haire,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

WebEx information and an agenda will be sent out prior to the meeting. Please let me know if you would like to attend the meeting and if you have any questions or concerns regarding this correspondence or the upcoming meeting. I look forward to receiving your response.

A hardcopy of this letter and enclosure will be sent to your Tribe (attn: Caitlin Rogers).

Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

From: [Farmer, Andrea A CIV \(USA\)](#)
To: Karen.Brunso@chickasaw.net
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:11:00 PM
Attachments: [USACE SAC Waccamaw River FRM for Chickasaw Nation Nov 2022.pdf](#)
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon Ms. Brunso,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

WebEx information and an agenda will be sent out prior to the meeting. Please let me know if you would like to attend the meeting and if you have any questions or concerns regarding this correspondence or the upcoming meeting. I look forward to receiving your response.

Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

From: [Farmer, Andrea A CIV \(USA\)](#)
To: 106NAGPRA@astribe.com; dfrazier@astribe.com
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:11:00 PM
Attachments: [USACE SAC Waccamaw River FRM for Absentee Shawnee Nov 2022.pdf](#)
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon Ms. Frazier,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

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Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

From: [Farmer, Andrea A CIV \(USA\)](#)
To: HorryCountyHistoricalSociety@gmail.com
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:10:00 PM
Attachments: [USACE SAC Waccamaw River FRM for Horry County Historical Society Nov 2022.pdf](#)
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

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Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

From: [Farmer, Andrea A CIV \(USA\)](#)
To: HCGMuseum@horrycounty.org
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:10:00 PM
Attachments: [USACE SAC Waccamaw River FRM for Horry County Museum Nov 2022.pdf](#)
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

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Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

From: [Farmer, Andrea A CIV \(USA\)](#)
To: TindallN@horrycounty.org
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:10:00 PM
Attachments: [USACE SAC Waccamaw River FRM for Horry County HPC Nov 2022.pdf](#)
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon Nancy,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

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Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

From: [Farmer, Andrea A CIV \(USA\)](#)
To: jlowe@alabama-quassarte.org
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:10:00 PM
Attachments: [USACE SAC Waccamaw River FRM for Alabama Quassarte Nov 2022.pdf](#)
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon Ms. Lowe,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

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Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

From: [Farmer, Andrea A CIV \(USA\)](#)
To: ben@coastal.edu
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:10:00 PM
Attachments: [USACE SAC Waccamaw River FRM for Horry County Archives Center Nov 2022.pdf](#)
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon Ben,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

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Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

From: [Farmer, Andrea A CIV \(USA\)](#)
To: thpo@estoo.net; rbarnes@estoo.net
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:10:00 PM
Attachments: [USACE SAC Waccamaw River FRM for Eastern Shawnee Oklahoma Nov 2022.pdf](#)
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon Mrs. Barnes,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

WebEx information and an agenda will be sent out prior to the meeting. Please let me know if you would like to attend the meeting and if you have any questions or concerns regarding this correspondence or the upcoming meeting. I look forward to receiving your response.

Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

From: [Farmer, Andrea A CIV \(USA\)](#)
To: ["rlarsen@scdah.sc.gov"](mailto:rlarsen@scdah.sc.gov); ["rc@scdah.sc.gov"](mailto:rc@scdah.sc.gov)
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:10:00 PM
Attachments: [USACE SAC Waccamaw River FRM for SCDAH Nov 2022.pdf](#)
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon Robert,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

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Best regards,

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Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

From: [Farmer, Andrea A CIV \(USA\)](#)
To: ["thpo@ttown.org"; "DFrank@ttown.org"](#)
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:10:00 PM
Attachments: [USACE SAC Waccamaw River FRM for Thlophlocco Tribal Town Nov 2022.pdf](#)
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon Mr. Frank,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

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Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

From: [Farmer, Andrea A CIV \(USA\)](#)
To: tonya@shawnee-tribe.com
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:10:00 PM
Attachments: [USACE SAC Waccamaw River FRM for Shawnee Tribe Nov 2022.pdf](#)
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon Ms. Tipton,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

WebEx information and an agenda will be sent out prior to the meeting. Please let me know if you would like to attend the meeting and if you have any questions or concerns regarding this correspondence or the upcoming meeting. I look forward to receiving your response.

Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

From: [Farmer, Andrea A CIV \(USA\)](#)
To: ["THPO@pci-rsn.gov"](mailto:THPO@pci-rsn.gov)
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:10:00 PM
Attachments: [USACE SAC Waccamaw River FRM for Poarch Band of Creek Indians Nov 2022.pdf](#)
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon Mr. Haikey,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

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Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

From: [Farmer, Andrea A CIV \(USA\)](#)
To: David.cook@kialeqee Tribe.net
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:10:00 PM
Attachments: [USACE SAC Waccamaw River FRM for Kialeqee Tribal Town Nov 2022.pdf](#)
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon Mr. Cook,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

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Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

From: [Farmer, Andrea A CIV \(USA\)](#)
To: ["russtown@nc-choke.com"](#); [Yerka, Stephen](#)
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:10:00 PM
Attachments: [USACE SAC Waccamaw River FRM for Eastern Band Cherokee Nov 2022.pdf](#)
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon Mr. Townsend,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

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Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

From: [Farmer, Andrea A CIV \(USA\)](#)
To: [Delaware Tribe of Indians \(IL\)](#)
Subject: Coordination Letter: Waccamaw River Flood Risk Management Feasibility Study Scoping and Interagency Coordination Team Meeting Invite--Horry County, South Carolina
Date: Tuesday, November 1, 2022 4:10:00 PM
Attachments: [USACE SAC Waccamaw River FRM for Delaware Tribe Nov 2022.pdf](#)
[Enclosure Waccamaw FRM Study Area Map.pdf](#)

Good afternoon Mr. Heady,

The Charleston District, U.S. Army Corps of Engineers, plans to hold an Interagency Coordination Team (ICT) webinar meeting on 15 November 2022, from 1 p.m. to 3 p.m., to introduce the new feasibility study "Waccamaw River, Horry County, South Carolina: A Flood Risk Management Study." Please see the attached letter for more information about this study and the proposed meeting. Our office invites you to participate in the meeting and provide any specific information, issues, or concerns that should be considered during the project scoping process and for National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance.

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Best regards,

Andrea Farmer, RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912.412.3363 (cell)
Andrea.Adams.Farmer@usace.army.mil

The following are one of the follow-up coordination email and letters sent to agencies and Tribes on September 9, 2024. A copy of the Draft Integrated Feasibility Report and Environmental Assessment were sent to all involved parties. Each letter was the same for all consulting parties.

From: [Brown, Jonathan L CIV USARMY CESAS \(USA\)](#)
To: [Thlopthlocco Tribal Town THPO](#); dfrank@tttown.org
Subject: Release of the Waccamaw FR/EA Report-Thlopthlocco Tribal Town
Date: Monday, September 9, 2024 4:39:00 PM
Attachments: [Waccamaw Draft FREA Stakeholder Letter-Thlopthlocco Tribal Town Sept2024.pdf](#)

Good afternoon Mr. Frank,

The Waccamaw PDT has released the integrated Draft Feasibility Report/Environmental Assessment (FR/EA) for public review to present the results of the study to date, and to analyze impacts of the proposed measures on the environment and potential cultural resources. Additionally, a draft Programmatic Agreement (PA) is located within the Cultural Resources Appendix (Appendix D) of the draft report for your review and feedback.

Please provide your comments in writing by **Wednesday, October 9th**.

Let me know if you have any questions or concerns.

Thank you,

Jonathan Brown, M.A., RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912-837-9825 (cell)
Jonathan.L.Brown@usace.army.mil



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, CHARLESTON DISTRICT
69 A HAGOOD AVENUE
CHARLESTON SC 29403-5107

September 9, 2024

SUBJECT: Waccamaw River Flood Risk Management Project, Release of the Draft Feasibility Report/Environmental Assessment, Horry County, South Carolina

David Frank
Thlopthlocco Tribal Town
Tribal Historic Preservation Officer
PO Box 188
Okemah, OK 74859

Dear Mr. Frank:

The U.S. Army Corps of Engineers, Charleston District (USACE), in conjunction with Horry County, is conducting a feasibility study to evaluate flood risk reduction measures for people and infrastructure along the Waccamaw River in Horry County, South Carolina. An integrated Draft Feasibility Report/Environmental Assessment (FR/EA) has been prepared to present the results of the study to date, and to analyze impacts of the proposed measures on the environment and potential cultural resources. The Tentatively Selected Plan (TSP) includes barrier/weir removal in Socastee and implementation of bridge reliefs/cross drains in Conway.

The majority of the cultural resource effects of the TSP assessed in the integrated Draft FR/EA are considered to be minor with implementation of Phase I surveys within the construction footprints to assess potential effects. A draft Programmatic Agreement (PA) is located within the Cultural Resources Appendix (Appendix D) of the draft report for your review and feedback.

In accordance with provisions of the National Environmental Policy Act (NEPA) and Section 106 of the National Historic Preservation Act (NHPA), your comments on the Draft FR/EA and Draft FONSI are hereby solicited. They are available for review at www.sac.usace.army.mil/Missions/Civil-Works/Waccamaw-River-Flood-Risk-Management-Study/. Please submit your comments in writing by October 9, 2024.

If you have any questions, please contact Mr. Jonathan Brown at (912) 837-9825 or by email at Jonathan.L.Brown@usace.army.mil.

Sincerely,

A handwritten signature in black ink, appearing to read "Nancy Parrish".

Nancy Parrish
Chief, Planning and Environmental Branch

The following are SHPO/THPO responses received October 9, 2024. Two Tribes responded to the letter. One response is from the Eastern Shawnee Tribe, and the other response is from the Catawba.



**EASTERN SHAWNEE
CULTURAL PRESERVATION DEPARTMENT**

70500 East 128 Road, Wyandotte, OK 74370

October 9, 2024

USACE-Charleston

69-A-Hagood Avenue

Charleston, SC 29403-5107

RE: Waccamaw River FRM, Horry County, SC

Dear Mr. Brown,

The Eastern Shawnee Tribe has received your letter regarding the above referenced project(s) within Horry County, SC. The Eastern Shawnee Tribe is committed to protecting sites important to Tribal Heritage, Culture and Religion. Furthermore, the Tribe is particularly concerned with historical sites that may contain but not limited to the burial(s) of human remains and associated funerary objects.

As described in your correspondence, and upon research of our database(s) and files, we find our people occupied these areas historically and/or prehistorically. However, the project proposes **NO Adverse Effect** or endangerment to known sites of interest to the Eastern Shawnee Tribe. Please continue project as planned. However, should this project inadvertently discover an archeological site or object(s) we request that you immediately contact the Eastern Shawnee Tribe, as well as the appropriate state agencies (within 24 hours). We also ask that all ground disturbing activity stop until the Tribe and State agencies are consulted. Please note that any future changes to this project will require additional consultation.

In accordance with the NHPA of 1966 (16 U.S.C. § 470-470w-6), federally funded, licensed, or permitted undertakings that are subject to the Section 106 review process must determine effects to significant historic properties. As clarified in Section 101(d)(6)(A-B), historic properties may have religious and/or cultural significance to Indian Tribes. Section 106 of NHPA requires Federal agencies to consider the effects of their actions on all significant historic properties (36 CFR Part 800) as does the National Environmental Policy Act of 1969 (43 U.S.C. § 4321-4347 and 40 CFR § 1501.7(a)). This letter evidences NHPA and NEPA historic properties compliance pertaining to consultation with this Tribe regarding the referenced proposed projects.

Thank you, for contacting the Eastern Shawnee Tribe, we appreciate your cooperation. Should you have any further questions or comments please contact our Office.

Sincerely,

Lora Nuckolls, Tribal Historic Preservation Officer (THPO)

Eastern Shawnee Tribe of Oklahoma

(918) 238-5151 Ext:1840

THPO@estoo.net

[Non-DoD Source] Waccamaw River Flood Risk Management Project



Caitlin Rogers <Caitlin.Rogers@catawba.com>
To: Brown, Jonathan L CIV USARMY CESAS (USA)

Reply Reply All Forward ...
Wed 10/9/2024 4:02 PM

Follow up. Start by Wednesday, October 9, 2024. Due by Wednesday, October 9, 2024.

The Catawba THPO have no concerns with this project as long as the implementation of Phase I Surveys are being done within the construction footprints. If you need anything else or have any questions let me know.

Hawuh (Thank you),

Caitlin Rogers
Catawba Nation
Cultural Division Programs Manager
Tribal Historic Preservation Office
1536 Tom Steven Road
Rock Hill, SC 29730

803-328-2427 ext. 226

Please Note: We CANNOT accept Section 106 forms via e-mail, unless requested. Please send us hard copies. Thank you for your understanding

Disclaimer

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From: Larsen, Robert <rlarsen@scdsh.sc.gov>
Sent: Wednesday, October 16, 2024 1:14 PM
To: Brown, Jonathan L CIV USARMY CESAS (USA) <jonathan.l.brown@usace.army.mil>
Subject: [Non-DoD Source] RE: Release of the Waccamaw FR/EA Report-SC SHPO

Good Afternoon Jonathan,

Once again, apologies on the delay. I have had a chance to read through the PA concerning and need additional information before writing a letter and before our office signs a letter.

-What is the reasoning a Programmatic Agreement is being proposed over a Memorandum of Agreement?

-Our office concurs with the need for a Phase I Archaeological Survey of both the Conway and Socastee project areas during the Preconstruction, Engineering, and Design (PED) phase of the project. However, have survey methodologies of these areas been proposed? Our office will want to see proposed Phase I survey methodologies and have them occurred upon by all parties before signing. We would want to see the Agreement include the proposed survey methodology as an appendix.

-The agreement must reference that all archaeological work must be conducted in compliance with the South Carolina Standards and Guidelines for Archaeological Investigations, in addition to the Secretary of Interior's Standards.

Our colleagues at the Maritime Research Division at the South Carolina Institute of Archaeology and Anthropology (MRD-SCIAA) have also provided me comments to incorporate on the undertaking:

-There is potential for the planned Highway 501 business relief bridge to damage underwater archaeological site 38HR0339 (portion of a 19th c. barge). We recommend implementing a buffer zone around the site during the construction process to minimize risk of anchor damage or other effects.

-Site 38HR0062 (Underwater pottery and pipe bowls) should be noted as within the area of the project. However, we have no recommendation to change the scope of the project as a result.

-Please include both of these within the agreement, specifically including evidence of the buffer zone surrounding 38HR0339 on a project development map.

If there are any questions on these comments, please let me know.

Sincerely,



Robert P. Larsen III, MSc., RPA
Archaeologist
State Historic Preservation Office (SHPO)
SC Department of Archives & History
8301 Parklane Road
Columbia, SC 29223
803.896.6181
<https://scdsh.sc.gov/historic-preservation/resources/archaeology>

The following is the correspondence with the ACHP regarding the Waccamaw FRM project and the development of a PA. This includes the email sent to ACHP September 23, 2024, and their response letter received September 25, 2024.

Waccamaw River Flood Risk Management Study

BJ Brown, Jonathan L CIV USARMY CESAS (USA)
To: e106

Waccamaw-Appendix D Cultural Resources.pdf 5 MB
Waccamaw-e106 form.docx 924 KB

Good afternoon,

The US Army Corps of Engineers (USACE) is developing a Programmatic Agreement for the Waccamaw River FRM Study. Attached is the e106 form and cultural resources appendix which includes project information, initial correspondence, and the draft PA.

Thank you,

Jonathan Brown, M.A., RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912-837-9825 (cell)
Jonathan.L.Brown@usace.army.mil

Mon 9/23/2024 2:30 PM



September 25, 2024

Jonathan Brown
Archaeologist, Planning Branch
Savannah District
US Army Corps of Engineers
100 W Oglethorpe Ave
Savannah, GA 31401

Ref: *Waccamaw River Flood Risk Management (FRM) Project*
Horry County, South Carolina
ACHP Project Number: 021536

Dear Mr. Brown:

On September 23, 2024, the Advisory Council on Historic Preservation (ACHP) received your notification and supporting documentation regarding the initiation of Section 106 consultation regarding the referenced undertaking. Based upon the information you provided, we have concluded, pursuant to 36 CFR § 800.2(b)(1), of the regulations, "Protection of Historic Properties" (36 CFR Part 800) implementing Section 106 of the National Historic Preservation Act, that our participation may be premature.

The U.S. Army Corps of Engineers, Charleston District should continue consultation with the South Carolina State Historic Preservation Officer, Indian Tribes, and other consulting parties, as appropriate, to identify and evaluate historic properties and to assess any potential adverse effects on those historic properties. We request that within 180 calendar days of receiving this correspondence, you provide the ACHP with an update as to the progress of the consultation since September 2024. Upon receipt of the additional information, we will notify you within 15 days regarding our decision on participation.

If you have any questions or require our further assistance at this time, please contact Mr. Christopher Daniel at (202) 517-0223 or by e-mail at cdaniel@achp.gov and reference the ACHP Project Number above.

Sincerely,

Christopher Koepfel
Assistant Director
Office of Federal Agency Programs
Federal Property Management Section

ADVISORY COUNCIL ON HISTORIC PRESERVATION
401 F Street NW, Suite 308 • Washington, DC 20001-2637
Phone: 202-517-0200 • Fax: 202-517-6381 • achp@achp.gov • www.achp.gov

Progress on the project was submitted to the ACHP within the requested 180-day timeframe in February 2025. The response letter from the ACHP is below.



February 13, 2025

Jonathan Brown
Planning Branch Archaeologist
U.S. Army Corps of Engineers
100 West Oglethorpe Avenue
Savannah, GA 31401

Ref: *Waccamaw River Flood Risk Management Project*
Horry County, South Carolina
ACHP Project Number: 021536

Dear Mr. Brown:

On February 6, 2025, the Advisory Council on Historic Preservation (ACHP) received your notification and supporting documentation regarding the potential adverse effects of the referenced undertaking on a property or properties listed or eligible for listing in the National Register of Historic Places. Based upon the information you provided, we have concluded that Appendix A, *Criteria for Council Involvement in Reviewing Individual Section 106 Cases*, of our regulations, "Protection of Historic Properties" (36 CFR Part 800) implementing Section 106 of the National Historic Preservation Act, does not apply to this undertaking. Accordingly, we do not believe our participation in the consultation to resolve adverse effects is needed.

However, if we receive a request for participation from the State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer, affected Indian tribe, a consulting party, or other party, we may reconsider this decision. Should the undertaking's circumstances change, consulting parties cannot come to consensus, or you need further advisory assistance to conclude the consultation process, please contact us.

Pursuant to Section 800.6(b)(1)(iv), you will need to file the final Section 106 agreement document (Agreement), developed in consultation with the South Carolina SHPO and any other consulting parties, and related documentation with the ACHP at the conclusion of the consultation process. The filing of the Agreement and supporting documentation with the ACHP is required in order to complete the requirements of Section 106 of the National Historic Preservation Act.

Thank you for providing us with your notification of adverse effect. If you have any questions or require our further assistance, please contact Christopher Daniel at (202) 517-0223 or by e-mail at

ADVISORY COUNCIL ON HISTORIC PRESERVATION
401 F Street NW, Suite 308 • Washington, DC 20001-2637
Phone: 202-517-0200 • Fax: 202-517-6381 • achp@achp.gov • www.achp.gov

2

cdaniel@achp.gov and reference the ACHP Project Number above.

Sincerely,



Dana Daniels
Historic Preservation Technician
Office of Federal Agency Programs

Once the project scope was refined with the Recommended Plan, letters were sent to agencies and Tribes on September 9, 2025. USACE determined that the recommended plan would result in no effect to cultural

or historic resources due to the limited construction footprint and absence of previously identified cultural resources. One of the letters and attachments are shown below.



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, CHARLESTON DISTRICT
69 A HAGOOD AVENUE
CHARLESTON, SC 29403-5107

September 9, 2025

Clayton Martinez
Absentee-Shawnee Tribe of Indians of Oklahoma
Tribal Historic Preservation Officer
2025 S. Gordon Cooper Drive
Shawnee, OK 74801

Dear Mr. Martinez:

The U.S. Army Corps of Engineers, Charleston District (USACE), in conjunction with Horry County, is conducting a feasibility study to evaluate flood risk reduction measures for people and infrastructure along the Waccamaw River in Horry County, South Carolina. A copy of the Draft Integrated Feasibility Report and Environmental Assessment was previously sent to your Tribe on September 9, 2024, for review and comment in accordance with the National Environmental Policy Act. The Draft Report describes the proposed Federal action in detail. The Recommended Plan includes barrier/weir removal on Socastee Creek and installation of bridge reliefs/cross drains in the form of culverts at three locations in Conway.

A review of the project scope maps (Figures 1-4 for Conway and Figures 5-7 for Socastee) in comparison with the South Carolina ArchSite online database identified one historic resource within the project Area of Potential Effects (APE). The APE for each proposed action is defined as a quarter mile radius surrounding the project area. The identified resource, Site 3323 (Budget Inn-Conway) located on East Highway 501, was previously determined ineligible for listing on the National Register of Historic Places. No additional cultural or historic resources were identified within the remaining project areas or associated APE's. The two weirs in Socastee proposed for removal were originally constructed by USACE in 1993 and are therefore not historic. Additionally, the three bridges where the cross drains (culverts) are proposed in Conway are not historic.

In accordance with Section 106 of the National Historic Preservation Act, USACE determined No Effect on cultural resources. We respectfully request your concurrence with this determination within 30-calendar days of receipt of this letter.

If you have any questions or need additional information, please contact Mr. Jonathan Brown at (912) 837-9825 or by email at Jonathan.L.Brown@usace.army.mil.

Sincerely,

Lindsey A. LaRocque

Lindsey LaRocque

Acting Chief, Planning and Environmental Branch

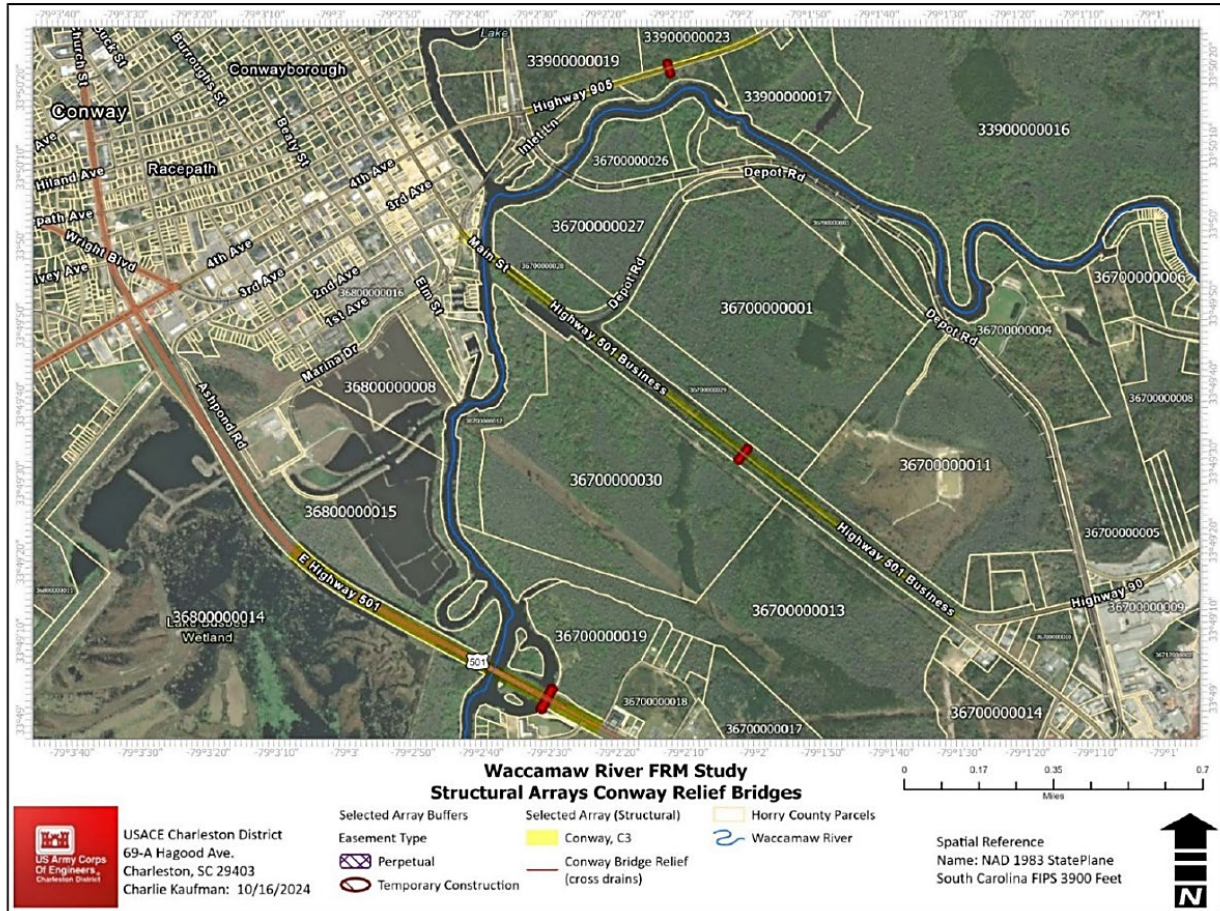


Figure 1: Conway Relief Bridges/Cross Drains project area (red). The APE is defined as a .25-mile radius of the project area for each action.

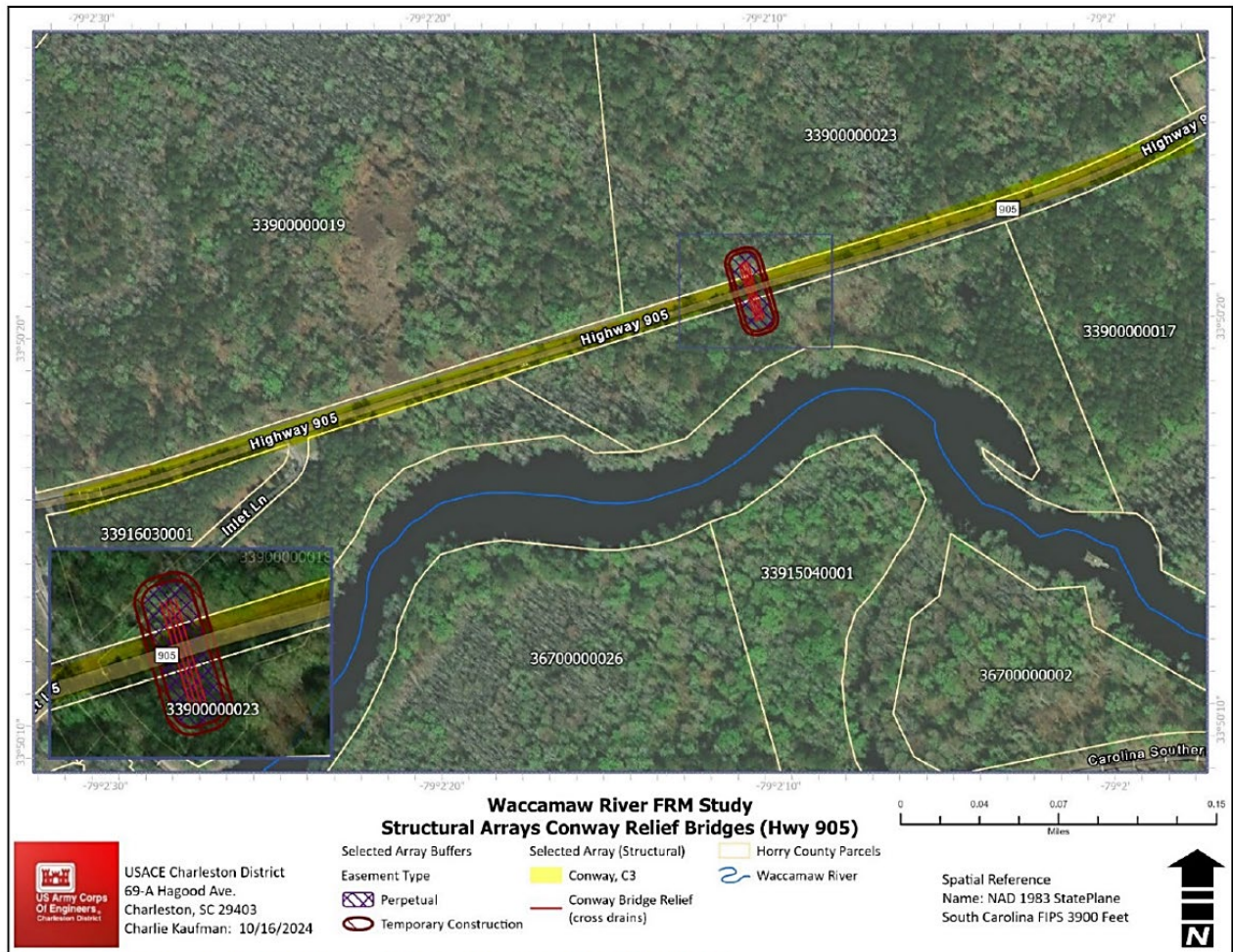


Figure 2: Conway Relief Bridge/Cross Drain at Highway 905.

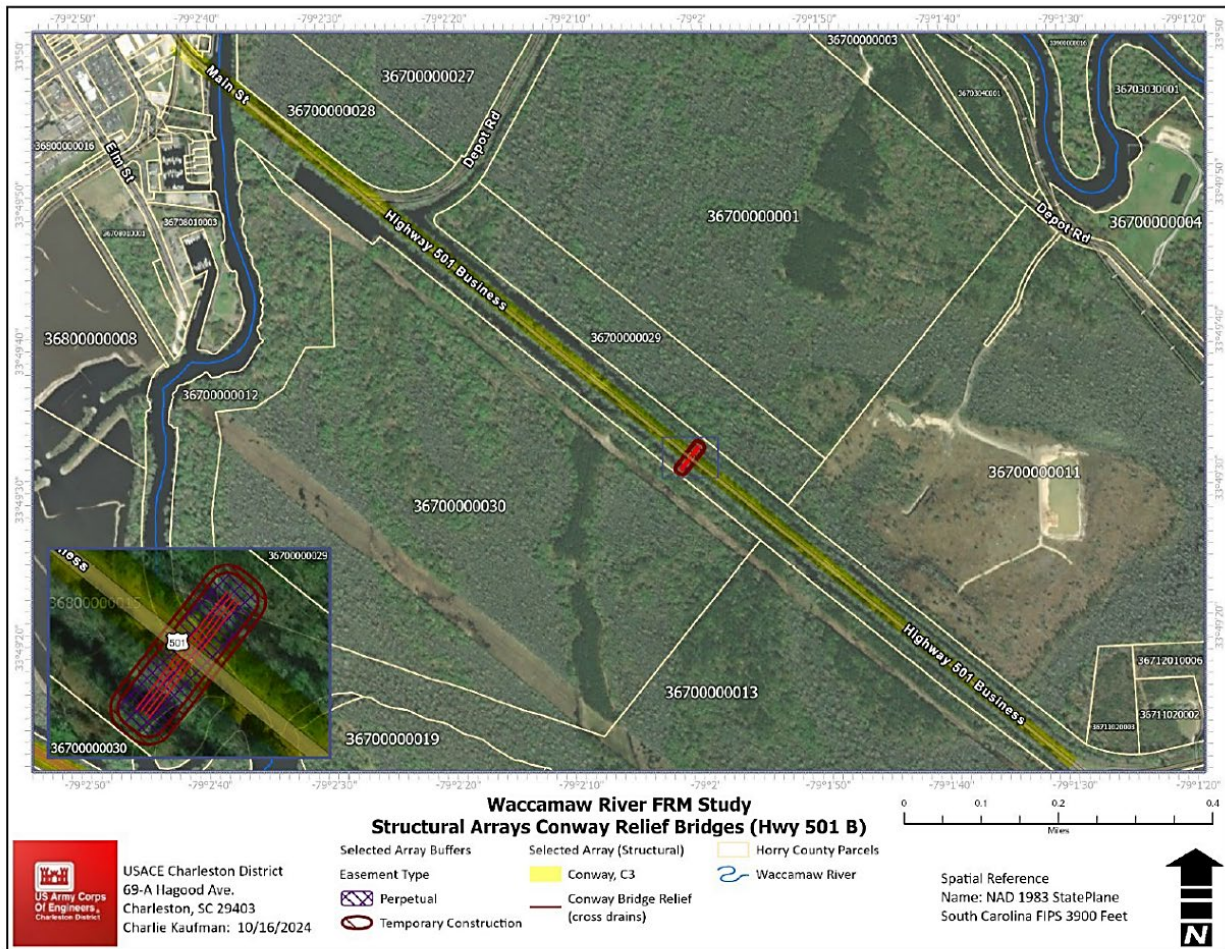


Figure 3: Conway Relief Bridge/Cross Drain at Highway 501 Business.

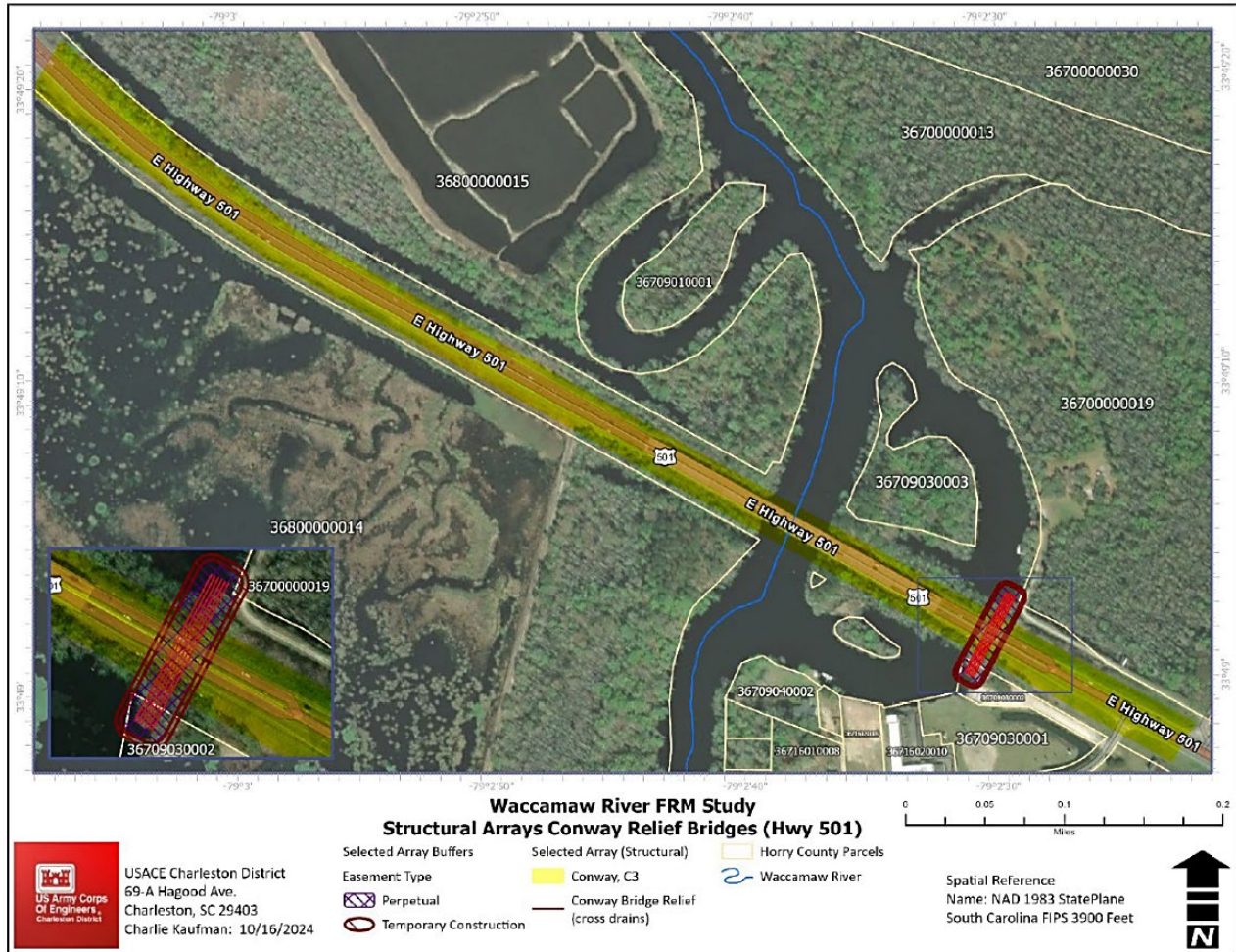


Figure 4: Conway Relief Bridge/Cross Drain at Highway 501.



Figure 5: Socastee Weir Removal project area (orange). The APE is defined as a .25-mile radius of the project area for each action.



Figure 6: Socastee Weir Removal Upstream.

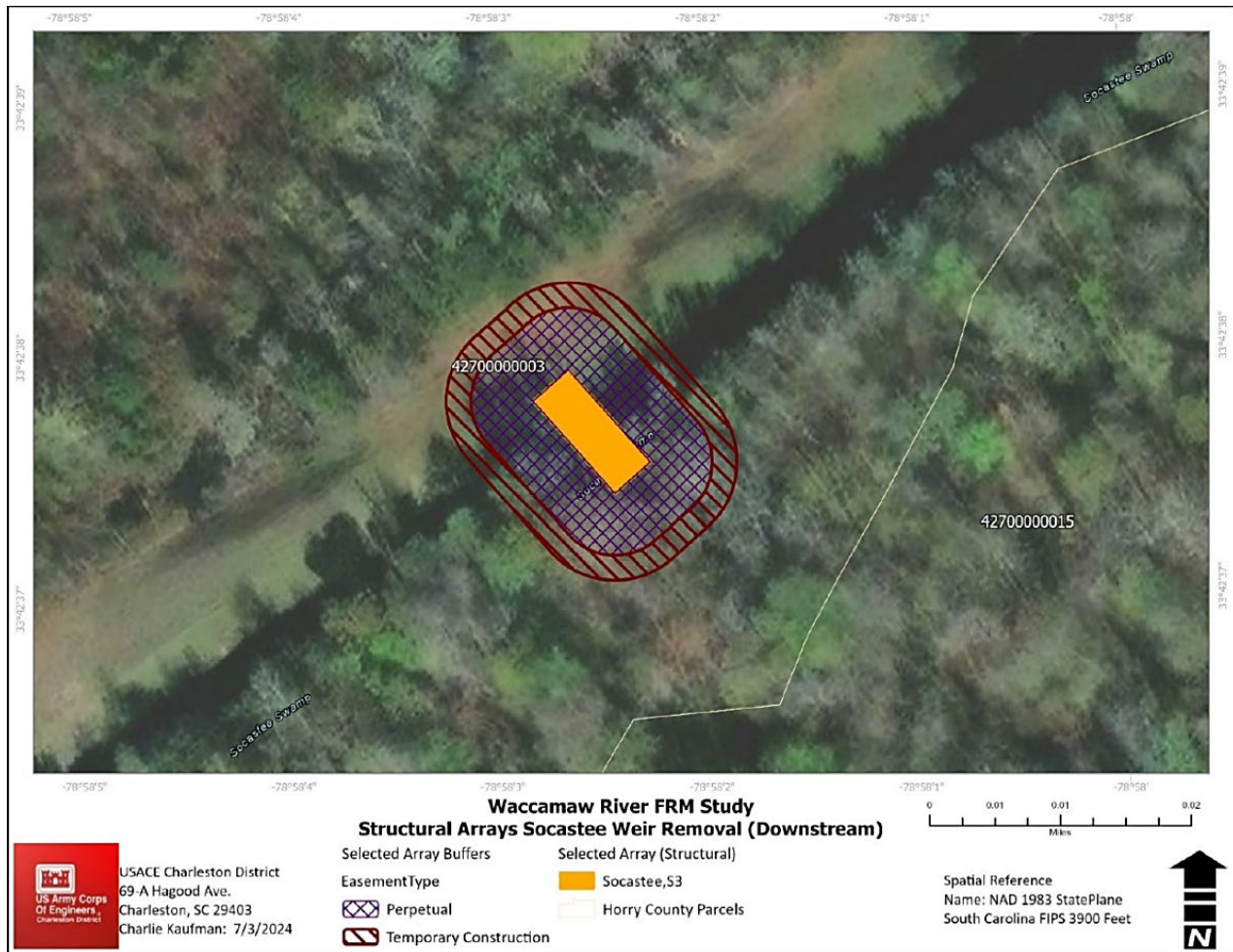


Figure 7: Socastee Weir Removal Downstream.

Following the 30-day review period, five responses were received. Responses include those from the SHPO, Catawba Tribe, Shawnee Tribe Thlopthlocco Tribal Town, and the Horry County Archives Center. SCDAH concurrence for the no effect determination was received via letter on September 19, 2025. Concurrence from the Horry County Archives Center was received on September 10, 2025. Tribal concurrence letters were received from both the Catawba, and Thlopthlocco Tribal Town. The Tribes wish to be notified if Native American artifacts and/or human remains are encountered during ground disturbance. The Shawnee Tribe notified USACE that this undertaking was outside of their area of interest. No other Tribal responses were received. Their responses are below.



September 19, 2025

Jonathan Brown, MA, RPA
Archaeologist
U.S. Army Corps of Engineers
Savannah District
Jonathan.L.Brown@usace.army.mil

Re: Waccamaw River Flood Risk Management Project, Current Recommended Plan
Conway & Socastee, Horry County, South Carolina
SHPO Project No. 24-RL0266

Dear Jonathan Brown:

Thank you for your letter and project submittal of September 9th, 2025 regarding the Waccamaw River Flood Risk Management Project, Current Recommended Plan. We also received the permit application, permit plans, and maps as supporting documentation for this undertaking. The State Historic Preservation Office (SHPO) is providing comments to the Corps of Engineers pursuant to Section 106 of the National Historic Preservation Act and its implementing regulations, 36 CFR 800. Consultation with the SHPO is not a substitution for consultation with Tribal Historic Preservation Offices, other Native American tribes including those with state recognition, local governments, or the public.

The Corps' has stated: "*The U.S. Army Corps of Engineers, Charleston District (USACE), in conjunction with Horry County, is conducting a feasibility study to evaluate flood risk reduction measures for people and infrastructure along the Waccamaw River in Horry County, South Carolina. A copy of the Draft Integrated Feasibility Report and Environmental Assessment was previously sent to your office on September 9, 2024, for review and comment in accordance with the National Environmental Policy Act. The Draft Report describes the proposed Federal action in detail. The Recommended Plan includes barrier/weir removal on Socastee Creek and installation of bridge reliefs/cross drains in the form of culverts at three locations in Conway.*

A review of the project scope maps (Figures 1-4 for Conway and Figures 5-7 for Socastee) in comparison with the South Carolina ArchSite online database identified one historic resource within the project Area of Potential Effects (APE). The APE for each proposed action is defined as a quarter mile radius surrounding the project area. The identified resource, Site 3323 (Budget Inn-Conway) located on East Highway 501, was previously determined ineligible for listing on the National Register of Historic Places. No additional cultural or historic resources were identified within the remaining project areas or associated APE's. The two weirs in Socastee proposed for removal were originally constructed by USACE in 1993 and are therefore not historic. Additionally, the three bridges where the cross drains (culverts) are proposed in Conway are not historic."

8501 Parklane Road • Columbia, SC 29225 • scdah.sc.gov

Our office knows of no documented historic properties that are eligible for listing or listed in the National Register of Historic Places within the project tract's APE. Due to small size of the proposed impact areas, consisting of the installation of three culverts, located along the Waccamaw River, our office considers the project tract to have a low probability to contain significant, intact archaeological sites.

Based on the Corps' description of the Area of Potential Effect (APE), the limited disturbance footprint of three culverts and a dearth of historical properties in the Corps APE, our office concurs with the Corps assessment that no properties listed in or eligible for listing in the National Register of Historic Places will be affected by this project.

If archaeological materials are encountered during construction, the procedures codified at 36 CFR 800.13(b) will apply. Archaeological materials consist of any items, fifty years old or older, which were made or used by man. These items include, but are not limited to, stone projectile points (arrowheads), ceramic sherds, bricks, worked wood, bone and stone, metal and glass objects, and human skeletal materials. The federal agency or the applicant receiving federal assistance should contact our office immediately.

Please refer to SHPO Project Number 24-RL0266 in any future correspondence regarding this project. If you have any questions, please contact me at (803) 896-6168 or RLarsen@scdah.sc.gov.

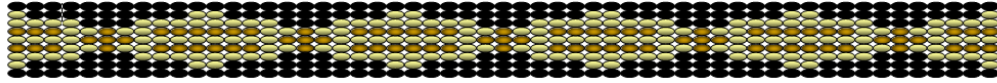
Sincerely,



Robert P. Larsen III, MSc, RPA
Archaeologist
State Historic Preservation Office

8501 Parklane Road • Columbia, SC 29225 • scdah.sc.gov

Catawba Indian Nation
Tribal Historic Preservation Office
1536 Tom Steven Road
Rock Hill, South Carolina 29730
Office 803-328-2427



October 14, 2025

Attention: Jonathan Brown
Charleston District
69 A Hagood Avenue
Charleston, SC 29403

Re. THPO #	TCNS #	Project Description
2025-1-42		Feasibility study to evaluate flood risk reduction measures for people and infrastructure along the Waccamaw River in Horry Co., SC

Dear Mr. Brown,



The Catawba have no immediate concerns with regard to traditional cultural properties, sacred sites or Native American archaeological sites within the boundaries of the proposed project areas. **However, the Catawba are to be notified if Native American artifacts and / or human remains are located during the ground disturbance phase of this project.**

If you have questions, please contact Caitlin Rogers at 803-328-2427 ext. 226, or e-mail Caitlin.Rogers@catawba.com.

Sincerely,

Wenonah G. Haire
Tribal Historic Preservation Officer

[Non-DoD Source] Section 106 Consultation - Waccamaw FRM Project

 Laserfiche Notification <donotreply@laserfiche.com>
To:  Brown, Jonathan L CIV USARMY CESAS (USA)

This email is in response to Waccamaw FRM Project. The project is out of the Shawnee Tribe's area of interest. If you have any questions, you may contact me via email at Section106@shawnee-tribe.com.

Thank you for giving us the opportunity to comment on this project.

Sincerely,



Erin Paden
TRIBAL HISTORIC PRESERVATION
SPECIALIST
Office: (918) 542-2441, x140
Email: epaden@shawnee-tribe.com
29 S Hwy 69A
Miami, OK 74354
shawnee-tribe.com

[Non-DoD Source] RE: Waccamaw FRM Project- Section 106 No Effect Determination



John B. Burroughs <ben@coastal.edu>
To: Brown, Jonathan L CIV USARMY CESAS (USA)

Reply Reply All Forward

Wed 9/10/2025 2:30 PM

You replied to this message on 9/10/2025 2:38 PM.

After studying the attachment that you sent with your message, I concur with your decision on this matter. I know of no culturally significant structures that will be affected by this project.
Ben Burroughs

From: Brown, Jonathan L CIV USARMY CESAS (USA) <Jonathan.L.Brown@usace.army.mil>
Sent: Tuesday, September 9, 2025 3:45 PM
To: John B. Burroughs <ben@coastal.edu>
Subject: Waccamaw FRM Project- Section 106 No Effect Determination

Warning: Unusual sender <jonathan.l.brown@usace.army.mil>
You don't usually receive emails from this address. Make sure you trust this sender before taking any actions.

Good afternoon Mr. Burroughs,

The U.S. Army Corps of Engineers, Charleston District (USACE) previously released the Draft Integrated Feasibility Report and Environmental Assessment for the Waccamaw Flood Risk Management Project on September 9, 2024, for public review/input. Attached is a letter detailing the current recommended plan, proposed construction areas, along with the cultural resource's determination (No Effect). USACE politely requests your concurrence on this effects determination within 30-calendar days of receipt of this letter.

Please let me know if you have any questions or concerns.

Thank you,

Jonathan Brown, M.A., RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912-837-9825 (cell)
Jonathan.L.Brown@usace.army.mil

[Non-DoD Source] Re: Waccamaw FRM Project- Section 106 No Effect Determination



THPO <THPO@tttown.org>
To ● Brown, Jonathan L CIV USARMY CESAS (USA)

[↩ Reply](#)[↩ Reply All](#)[→ Forward](#)

Tue 9/9/2025 4:45 PM

You replied to this message on 9/9/2025 4:49 PM.

Thlopthocco Tribal Town concurs
Sent from my iPhone

On Sep 9, 2025, at 12:45 PM, Brown, Jonathan L CIV USARMY CESAS (USA) <Jonathan.L.Brown@usace.army.mil> wrote:

Good afternoon Mr. Frank,

The U.S. Army Corps of Engineers, Charleston District (USACE) previously released the Draft Integrated Feasibility Report and Environmental Assessment for the Waccamaw Flood Risk Management Project on September 9, 2024, for public review/input. Attached is a letter detailing the current recommended plan, proposed construction areas, along with the cultural resource's determination (No Effect). USACE politely requests your concurrence on this effects determination within 30-calendar days of receipt of this letter.

Please let me know if you have any questions or concerns.

Thank you,

Jonathan Brown, M.A., RPA
Archaeologist, Savannah District
U.S. Army Corps of Engineers
912-837-9825 (cell)
Jonathan.L.Brown@usace.army.mil

<Waccamaw Sec106 Letter_Thlopthocco Tribal Town_Sept2025.pdf>