## S-23-94 (Hammett Bridge Road) Bridge Replacement over Suber Branch

Project ID: P041163

#### **Project Description:**

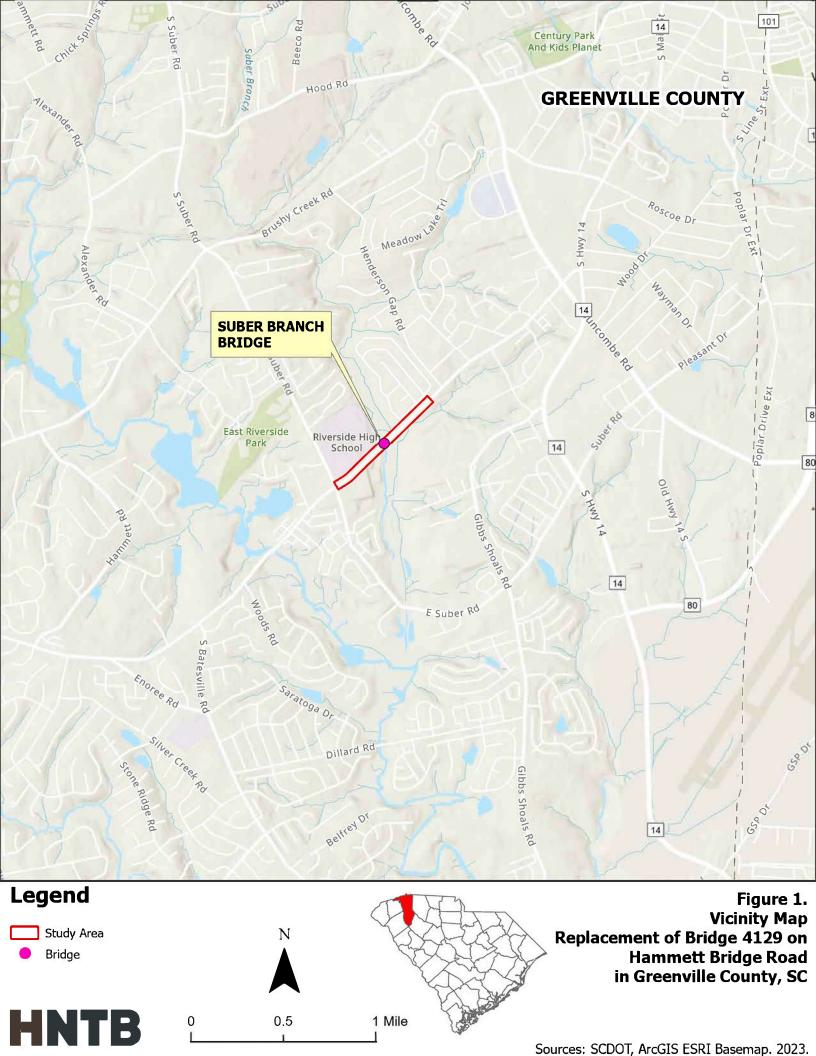
South Carolina Department of Transportation (SCDOT) proposes to replace the S-23-94 (Hammett Bridge Road) Bridge over Suber Branch in Greenville County (See Figures 1 and 2).

The purpose of this project is to correct the load restriction placed on the bridge and restore all components to good condition. The existing bridge is posted for load restrictions and has one or more components in poor condition. The bridge was built in 1963. According to the SCDOT Structure Inventory and Appraisal Report from August 2022, the bridge has a sufficiency rating of 37.0. An off-site detour may be utilized during construction. The bridge is currently open to traffic.

Field studies revealed no significant impacts or effects to resources within the project study area.









Sources: SCDOT, ArcGIS ESRI Basemap. 2023.

## S-94 Bridge Replacement Appendices

Appendix A: Cultural Resources Screening Reports

Appendix B: Natural Resources Technical Memorandum

Appendix C: Bridge Scope and Risk Assessment Form

Appendix D: Floodplain Checklist

Appendix E: Public Information Meeting and Public Comments





# Appendix A: Cultural Resources Screening Form





#### CULTURAL RESOURCE FIELD REPORT

#### SCDOT ENVIRONMENTAL SECTION



<u>TITLE</u>: Phase I Cultural Resources Survey of Proposed Improvements to the S-23-94 Bridge over Suber Branch

**DATE OF RESEARCH:** 8/2/23 **ARCHAEOLOGIST:** Lauren Christian, MA, RPA

ARCHITECTURAL HISTORIAN: Sean Stucker, MHP

**COUNTY:** Greenville **PROJECT**: Closed and Load Restricted Bridge Replacements- Package 19

F. A. No.: File No. PIN: P041163

#### **DESCRIPTION**:

The South Carolina Department of Transportation (SCDOT) proposes to replace various closed or load-restricted bridges including the S-23-94 (Hammett Bridge Road) bridge over the Suber Branch in Greenville County, South Carolina. The project area is defined as that area within 75 feet of either side of the proposed roadway centerline and extending 1,500 feet from the bridge. The archaeological survey covered the entire project area, while the architectural survey examined all above-ground resources with sightlines to the bridge. This cultural resource survey was performed under contract with HNTB.

#### LOCATION:

The project is located within the city limits of Greer in northeastern Greenville County, South Carolina (Figure 1).

<u>USGS QUADRANGLE</u>: Taylors, SC and Greer, SC <u>DATE</u>: 2014 <u>SCALE</u>: 1:24000

<u>UTM</u>: NAD83 <u>ZONE</u>: 17N <u>EASTING</u>: 385561 <u>NORTHING</u>: 3863140

#### **ENVIRONMENTAL SETTING:**

The project area is situated in the Piedmont physiographic region, which is characterized by rolling hills formed from extensive weathering of ancient mountain ranges. The topography in the project area ranges from 890 feet above mean sea level (amsl) at the southwestern terminus to 830 feet amsl in the vicinity of the Suber Branch. The surrounding landscape is mostly urban, predominantly with residential neighborhoods but also schools and commercial buildings. Vegetation in the middle portion around the Suber Branch consists of mixed pines and hardwoods with a dense understory.

#### NEAREST RIVER/STREAM AND DISTANCE:

The project area is bisected by the Suber Branch, which is a tributary of the Enoree River (Hydrological unit code [HUC] 03050108), the confluence of which is approximately one mile south of the project area. The Enoree River feeds into the Broad River near the town of Blair, South Carolina, approximately 58 miles southeast of the project area.

#### **SOIL TYPE:**

Soils in the project area were formed from alluvium or residuum weathered from granite, gneiss, and/or diorite. The majority of the soils are well drained (76.9 percent), with 23.1 percent identified as somewhat poorly drained. The Natural Resource Conservation Service (NRCS) maps one of the four soil types as moderately eroded, 40.5 percent of the project area (Table 1; Figure 2). By the early twentieth century, continuous row cropping destroyed soil nutrients and large tracts of farmland were rendered unsuitable for cultivation.

Table 1. Soils Mapped in the Project Area

Map Unit	Map Name	Drainage Class	Acres in Project Area	Percent of Project Area	
Cb	Cartecay and Toccoa soils	Somewhat Poorly Drained		3.2	23.1
CeB	Cecil sandy loam	Well Drained	2–6% slopes	2.2	15.9
CeC	Cecil sandy loam	Well Drained	6–10% slopes	2.8	20.4
CeD	Cecil-Cataula complex	Well Drained	10–15% slopes, moderately eroded	5.6	40.5
		13.8	100		

#### **REFERENCE FOR SOILS INFORMATION:**

USDA-NCRS Soil Survey Division, Custom Soil Resource Report (websoilsurvey.sc.egov.usda.gov).

<u>GROUND SURFACE VISIBILITY</u>: 0% \_\_ 1-25% \_X 26-50% \_\_ 51-75% \_\_ 76-100% \_

#### **CURRENT VEGETATION:**

The vegetation in the project area consists of manicured lawns and mixed pines and hardwoods with a dense understory, which is very dense on either side of the bridge. Many of the stands of trees are contained in the middle portion of the project area on either side of the Suber Branch, while the north and south ends consist of manicured lawns. Additionally, some exposed subsoil is visible where the manicured lawns have sparse grass growth (Figures 3–5).

#### **INVESTIGATION:**

#### **BACKGROUND RESEARCH**

New South Associates, Inc. (NSA) conducted background research prior to fieldwork using the ArchSite GIS database maintained by the South Carolina Institute of Archaeology and Anthropology (SCIAA) and the South Carolina Department of Archives and History (SCDAH). The background research identified three previous cultural resources surveys, three archaeological sites, and nine historic structures within the 0.5-mile search radius (Table 2, Figure 6). None of these resources are in the project area itself.

Archaeological sites 38GR0217, 38GR0218, and 38GR0219 were originally recorded by Chicora Foundation in 1994 to the southeast of the current project area during a survey for the proposed Greer/Riverside High School. The sites consisted of two twentieth-century artifact scatters (38GR0217 and 38GR0218) and one unknown precontact lithic scatter (38GR0219). All three sites were recommended as not eligible for the National Register of Historic Places (NRHP) (Trinkley 1994).

The nine historic structures were recorded in 2017 as part of an architectural survey of historic resources in the city of Greer, South Carolina. SHPO Site Numbers 3571, 3573, 3575, 3577, 3579, 3581, 3583, 3585, and 3587 were all recorded as "unidentified houses" dating to the early or mid-twentieth century, and all were recommended not eligible for the NRHP (Owens and Philips 2017).

An intensive cultural resources survey of the Greenville North Loop Pipeline Expansion in 2003 was conducted by TRC for the U.S. Army Corp of Engineers, and an SCDOT intensive cultural resources survey of the proposed bridge replacement on Road S-94 over the Enoree River in 2005 was conducted by Brockington and Associates in 2005. No new cultural resources were recorded as a result of either of these surveys (South Carolina Institute of Archaeology and Anthropology and South Carolina Department of Archives and History 2023).

**Table 2. Previously Recorded Cultural Resources** 

Site No./ SHPO Site No.	Style/Type	Reference		
38GR0217	Twentieth-century artifact scatter	20th Century	Not Eligible	Roberts and Ramsey-Styer 1996
38GR0218	Twentieth-century artifact scatter	20th Century	Not Eligible	Roberts and Ramsey-Styer 1996
38GR0219	Precontact lithic scatter	Unknown	Not Eligible	Roberts and Ramsey-Styer 1996
3571	Unidentified house	c. 1900	Not Eligible	Owens and Philips 2017
3573	Unidentified house	c. 1900	Not Eligible	Owens and Philips 2017
3575	Unidentified house	c. 1940	Not Eligible	Owens and Philips 2017
3577	Unidentified house	c. 1940	Not Eligible	Owens and Philips 2017
3579	Unidentified house	1957	Not Eligible	Owens and Philips 2017
3581	Unidentified house	c. 1900	Not Eligible	Owens and Philips 2017
3583	Unidentified house	c. 1940	Not Eligible	Owens and Philips 2017
3585	Unidentified house	c. 1940	Not Eligible	Owens and Philips 2017
3587	Unidentified house	c. 1940	Not Eligible	Owens and Philips 2017

#### **SURVEY RESULTS**

The archaeological survey identified no archaeological sites or isolated finds within the project area, and the architectural survey, likewise, did not record any new resources. The results of both surveys are discussed below.

#### **ARCHAEOLOGY**

The Phase I Archaeology Survey was conducted on August 2, 2023. Lauren Christian, MA, RPA, served as Field Director and was assisted in the field by Archaeological Technician John Tomko. The archaeological investigation included a pedestrian walkover of the entire project area and the excavation of shovel tests (ST) at 30-meter (100-foot) intervals within the project area. Shovel tests were placed along a single transect parallel to either side of Hammett Bridge Road. Soil profiles were recorded for all excavated shovel tests, and location data was recorded for all investigated shovel tests using handhold GPS instruments.

Sixty-three shovel test locations were plotted at 30-meter intervals across the project area. However, shovel tests that occurred in developed/modified areas, side slopes, or in wetlands were not excavated. All other areas were documented by shovel test excavation or by examining exposed subsoil. As a result, ten were either excavated or were documented based on surface visibility (Figure 7). Along the north side of S-23-94, STs 1 to 12 were in dense residential development with significant land modification and utilities. Given the modification, the likelihood of intact cultural deposits was unlikely. From this point at ST 13 all the way to South Suber Road where ST 31 is located, there is a wide median with a paved pedestrian walking trail across the floodplain of Suber Creek past Riverside High School to the intersection. This area is heavily modified. On the south side of S-23-94, there is significant development and land modification from ST 32 to 46. While land modification from ST 43 to 46 is largely landscaping, examination of the soils behind a planted row of trees revealed subsoil at the surface. The landform then slopes to Suber Branch, where the shovel test transect crosses the creek and parallels an unnamed branch along a sideslope from ST 47 to 57. From ST 58 to the end of the project area at ST 63, subsoil is exposed on the ground surface (Figure 8). Overall, the project area has been heavily developed and modified. No archaeological sites or isolated finds were identified in the project area.

#### ARCHITECTURAL SURVEY

The architectural survey was conducted on August 25, 2023, by Architectural Historian Sean Stucker, MHP. No newly recorded or previously surveyed architectural historic resources were identified within the project area or its viewshed. The bridge carrying S-23-94 (Hammett Bridge Road) over the Suber Branch, constructed in 1963, was not evaluated per the FHWA's Post-1945 Bridges Program Comment (U.S. Department of Transportation, Federal Highway Administration 2012). This bridge (FHWA Structure No. 04129) is of a common type, with a precast concrete panel deck and a substructure comprised of precast concrete members and wood piers that have concrete caps and that are set into the riverbed (Svirsky 2024; Figure 9).

#### **REMARKS AND RECOMMENDATIONS**

The survey identified no archaeological sites or isolated finds, nor did it record any new or revisit any previously recorded architectural resources. The proposed project, as currently defined, would have no effects on historic properties.

SIGNATURE:

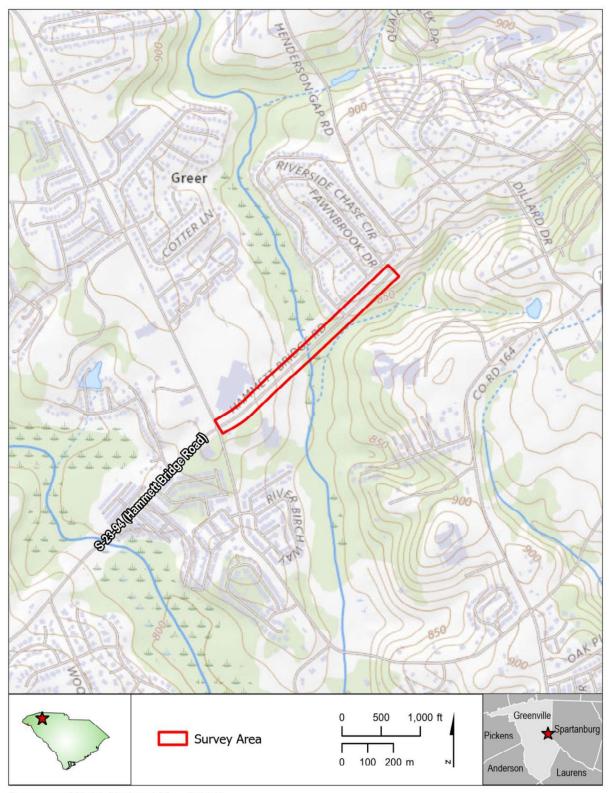
Dan Pope Principal Investigator

**DATE**: April 19, 2024

#### **BIBLIOGRAPHY AND FIGURES**

- Owens, Sheldon, and Charles E. Philips. 2017. *City of Greer Historic Resources Survey*. Brockington and Associates, Inc., Spartanburg, South Carolina.
- South Carolina Institute of Archaeology and Anthropology, and South Carolina Department of Archives and History. 2023. SCArchSite. *ArchSite*. Database, http://www.scarchsite.org/.
- Svirsky, Alexander. 2024. The National Bridge Inventory Database. *LTBP InfoBridge*. https://infobridge.fhwa.dot.gov/, accessed November 19, 2018.
- Trinkley, Michael. 1994. Archaeological Survey of the Proposed Greer/Riverside High School Site, Greenville County, South Carolina. Chicora Foundation, Inc., Columbia, South Carolina.
- U.S. Department of Transportation, Federal Highway Administration. 2012. Program Comment for Actions
  Affecting Post-1945 Concrete and Steel Bridges. Advisory Council on Historic Preservation, Washington, D.C.

Figure 1: Project Location Map



Basemap: USGS National Map (2023)

Figure 2: Soils Mapped in the Project Area



Figure 3: Roadside Vegetation in Middle Portion of Project Area, Looking Northeast



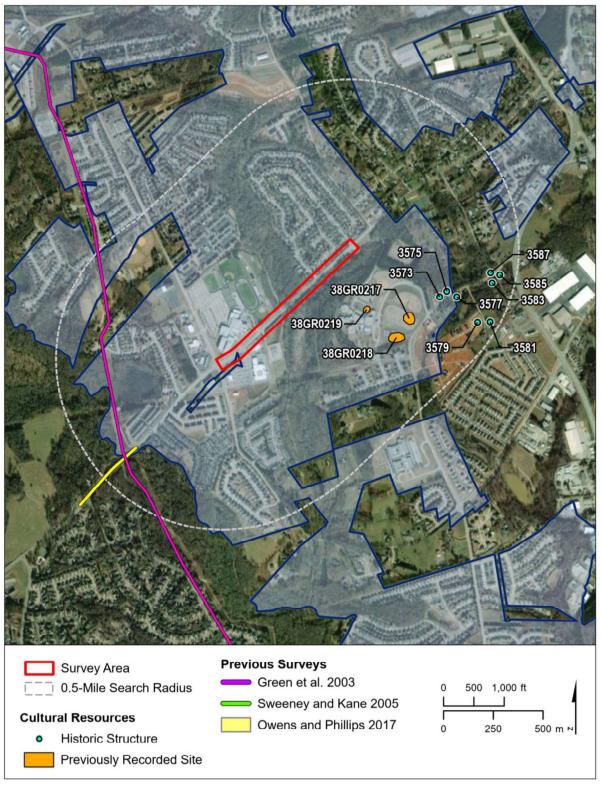
Figure 4: Modifications in the Northwest Quadrant of Project Area, Looking Southwest



Figure 5: Paved Parking Lot in Southwestern Quadrant of Project Area, Looking Southwest



Figure 6: Previously Recorded Cultural Resources Map



Basemap: ESRI World Imagery (2023)

Figure 7: Shovel Tests Results Map

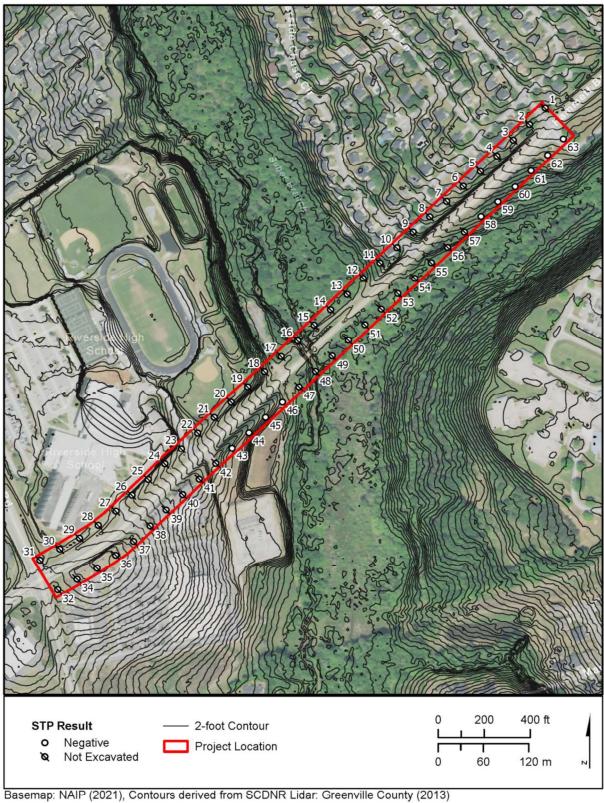


Figure 8: Exposed Subsoil on Surface, Looking Northeast



Figure 9: S-23-94 (Hammett Bridge Road) Bridge over the Suber Branch, Built 1963 and Not Assessed



a. Overview, Looking Southeast



b. Detail, Looking Northwest

# Appendix B: Natural Resources Technical Memorandum





# Natural Resources Technical Memorandum

S-94 (Hammett Bridge Road) Bridge Replacement over Suber Branch

SCDOT Project ID: P041163



## Introduction

The South Carolina Department of Transportation (SCDOT) proposes to replace the S-94 (Hammett Bridge Road) bridge over Suber Branch, and improve the roadway approaches to the bridge. The project is approximately 2.5 miles southwest of the City of Greer, in Greenville County, South Carolina. Furthermore, the project is located in the Enoree River Watershed (03050108 8-digit Hydrologic Unit Code) and the 45b Southern Outer Piedmont Level IV Ecoregion. Please see Attachment A, Figure 1 for a Site Location Map.

A Project Study Area (PSA) has been established, based on preliminary design, to encompass all potential impacts of the project. The PSA encompasses an area approximately 13.78 acres in size and approximately 3,000 feet (0.57 mile) in total length, generally centered on Suber Branch in either direction. Furthermore, the PSA is 200 feet in total width, generally centered on the centerline of Hammett Bridge Road.

Robbins & DeWitt conducted a desktop analysis, scientific literature review, and field surveys for natural resources associated with the proposed bridge replacement. This technical memorandum provides a summary of methods and findings related to natural resources and potential project related impacts. Attached to this memorandum are supporting figures, a SCDOT Permit Determination Form, South Carolina Department of Health and Environmental Control (SCDHEC) Watershed and Water Quality Information Report, and a biological evaluation for federally protected species.

## Desktop Analysis Methods

A desktop analysis was completed as part of an initial evaluation of the PSA to identify key environmental resources to be considered for permitting and/or avoidance and minimization by the design team. The potential resources identified in the desktop evaluation were field verified by Robbins & DeWitt to ensure that critical regulatory items would not be adversely impacted by the project. The following resources were consulted during the desktop analysis:

- Federal Emergency Management Agency (FEMA) Map Service Center (https://msc.fema.gov/portal)
- SCDHEC Watershed Atlas (https://gis.dhec.sc.gov/watersheds)
- South Carolina Department of Natural Resources (SCDNR) and South Carolina Natural Heritage Program (SCNHP) (https://schtportal.dnr.sc.gov/portal/apps/sites/#/natural-heritage-program)
- SCDNR Digital Elevation Mapping (DEM) and Light Detection and Ranging (LiDAR) (https://www.dnr.sc.gov/GIS/lidar.html)
- SCDNR Open Source Geospatial Data (https://data-scdnr.opendata.arcgis.com/)
- U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey (https://websoilsurvey.nrcs.usda.gov/app/)
- U.S. Fish and Wildlife Services (USFWS) Environmental Conservation Online System (ECOS) (https://ecos.fws.gov/ecp/)
- USFWS Information for Planning and Consultation (IPaC) (https://ecos.fws.gov/ipac/)
- USFWS National Wetland Inventory (NWI) (<a href="http://www.fws.gov/wetlands">http://www.fws.gov/wetlands</a>)
- U.S. Geological Survey (USGS) National Hydrography Dataset (NHD) (http://nhd.usgs.gov/)
- USGS Topographic Quadrangle Maps (1:24,000-scale) Taylors, SC Quadrangle

## Jurisdictional Waters of the U.S.

After completing the desktop analysis, Robbins & DeWitt performed field reviews to determine the boundaries of jurisdictional waters of the U.S., including wetlands, in the PSA. Field reviews were conducted on July 12, 2023. A summary of jurisdictional features identified in the PSA is provided in Tables 1 and 2.

Table 1 - Summary of Delineated Wetlands in the Project Study Area

Wetland	Latitude	Longitude	Area (acre)
Wetland A			0.20
Total			0.20 acres

Table 2 - Summary of Delineated Streams and Non-Wetland Waters in the Project Study Area

Stream	Latitude	Longitude	Centerline Length (feet)	Area (acre)
Stream A	34.904226	-82.252615	252	0.13
Stream B	34.904495	-82.252694	58	0.02
Stream C	34.904496	-82.252659	12	0.01
Stream D	34.904174	-82.252348	21	0.01
Total			343 feet	0.17 acres

## **Permitting Considerations**

Based on the conceptual bridge design, impacts to jurisdictional waters may occur during construction but are expected to remain below the SCDOT U.S. Army Corps of Engineers General Permit impact thresholds. A completed SCDOT Permit Determination Form and SCDHEC Watershed and Water Quality Information Report are provided in Attachment B.

## Federally Protected Species

Environmental scientists performed literature and field reviews to determine the likelihood of protected species within the PSA and the potential for project-related impacts. Field reviews were conducted on July 28, 2023. The SCDNR South Carolina Natural Heritage Species Viewer was also reviewed to determine the presence of known populations of protected species within the vicinity of the project. Based on the literature and field reviews it is determined that the proposed project will have a biological conclusion of 'no effect' on federally protected species. A Biological Evaluation is included in Attachment C.

## Migratory Birds

Certain bird species are protected under the Migratory Bird Treaty Act of 1918. The USFWS IPaC online database was reviewed for information pertaining to migratory bird species. Migratory birds were not observed nesting on the existing bridge.

## Vegetation

Land use in the PSA is primarily comprised of commercial and residential development, and their associated fields, lawns, and parking areas. Maintained utility easements and a pedestrian path also extend alongside Hammett Bridge Road. The only natural community observed within the PSA consists of bottomland hardwoods. Refer to the Biotic Communities section in Attachment C for a detailed description of vegetation observed in the PSA.

## Soils

According to the (USDA-NRCS) Soil Survey Geographic (SSURGO) data, four Soil Map Units (SMU) are mapped within the PSA. Each SMU IS included in Table 3 below.

Table 3 - Soil Map Units (SMU) in the Project Study Area

SMU	SMU Name	Area (acres)	Percentage of PSA
Cb	Cartecay and Toccoa soils	3.2	23.0%
СеВ	Cecil sandy loam, 2 to 6 percent slopes	2.2	16.0%
CeC	Cecil sandy loam, 6 to 10 percent slopes	2.8	20.5%
CeD	Cecil-Cataula complex, 10 to 15 percent slopes, moderately eroded	5.6	40.4%

If you have any questions, or if Robbins & DeWitt can be of additional assistance, please feel free to contact Matt DeWitt at (864) 201-8446 or matt.dewitt@robbins-dewitt.com.

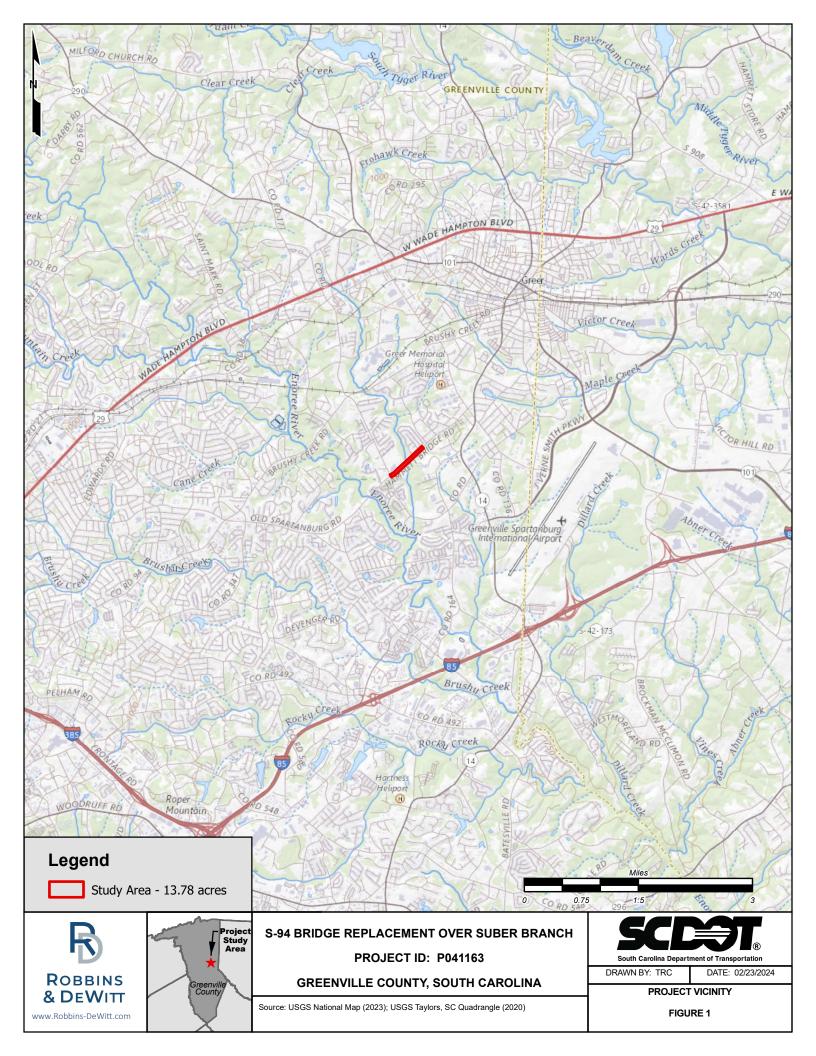
Respectfully Submitted

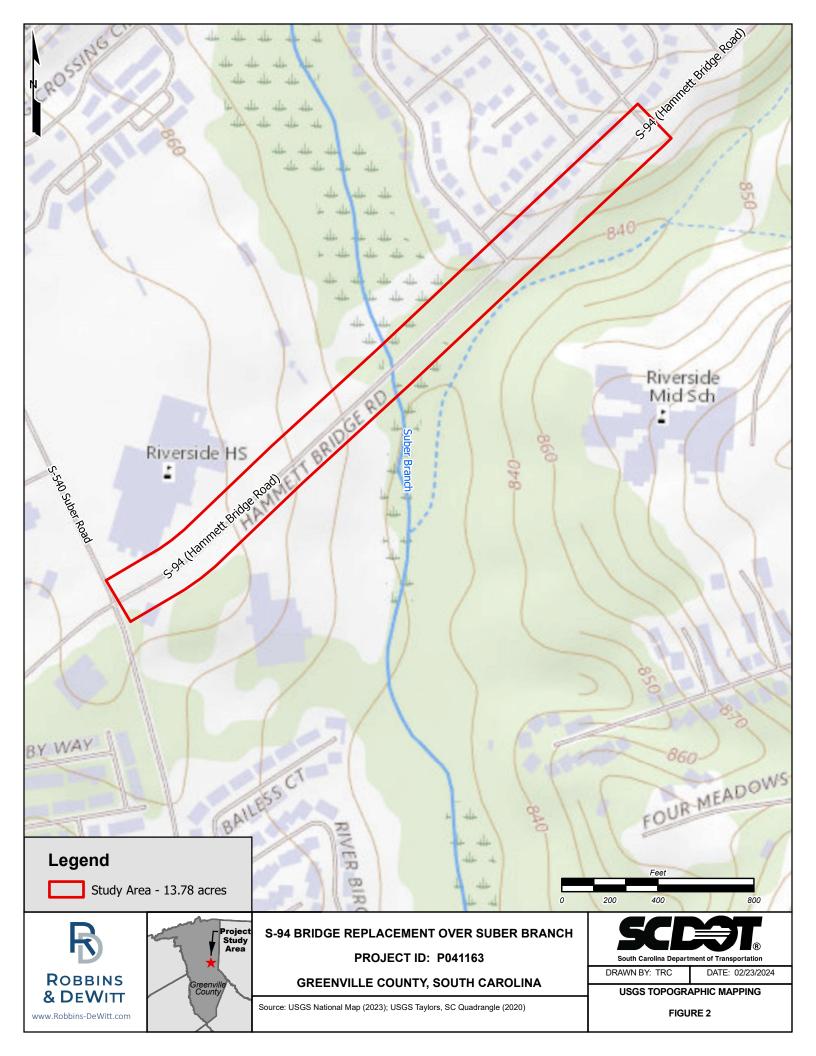
Matt DeWitt, AICP Robbins & DeWitt, LLC

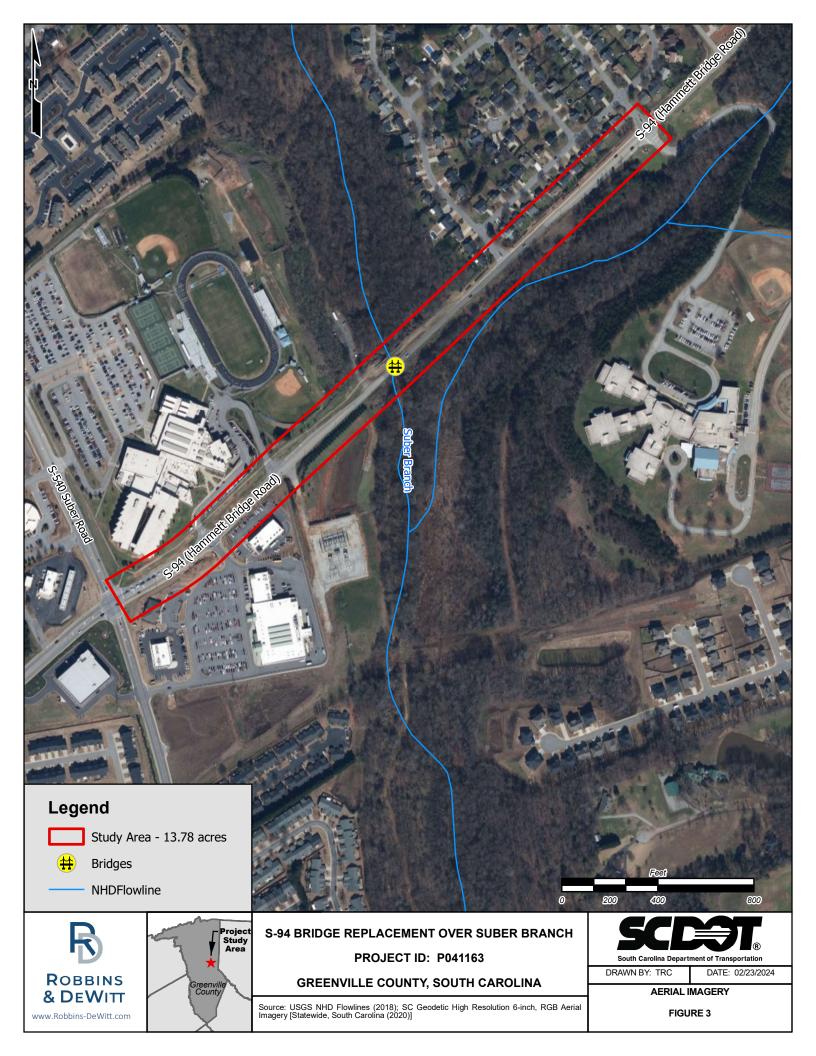
# **Attachment A**

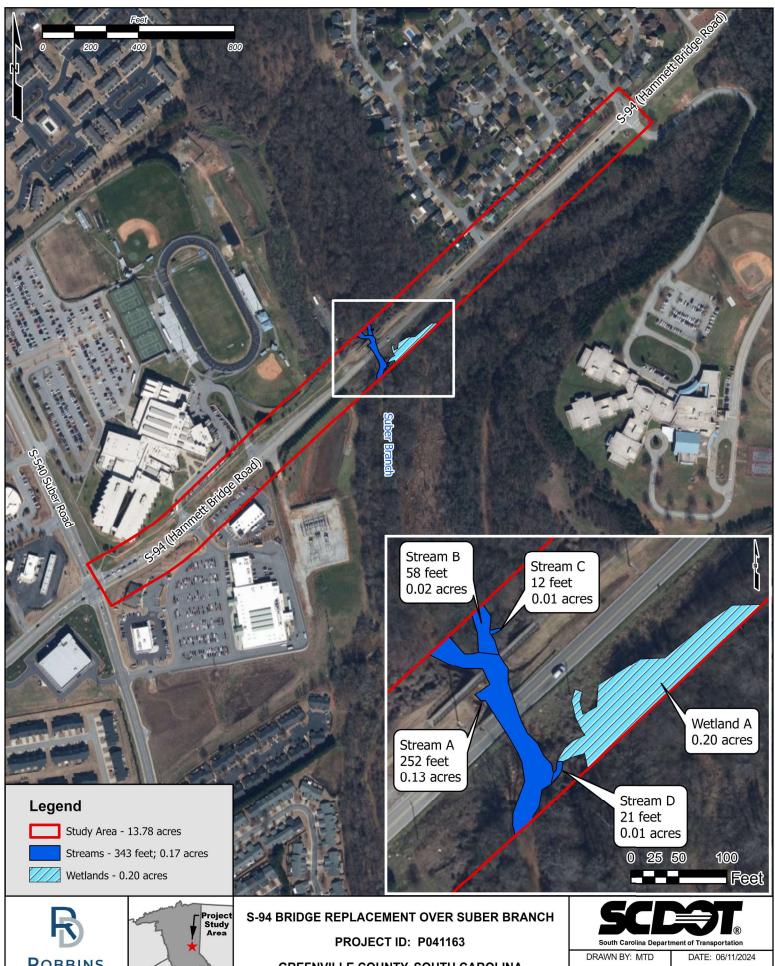
**Figures** 















**GREENVILLE COUNTY, SOUTH CAROLINA** 

Source: Approximate boundaries of WOTUS were delineated on July 12, 2023; SC Geodetic High Resolution 6-inch, RGB Aerial Imagery [Statewide, South Carolina (2020)]

APPROXIMATE BOUNDARIES OF WOTUS

FIGURE 4

# Attachment B

SCDOT Permit Determination Form & Water Quality Information Report



## PERMIT DETERMINATION

Date: 06/18/2024	Project ID: P041163									
From: Matt DeWitt Company: Robbins and DeWitt										
Contact Info (phone and/or email): matt.dewitt@robbins-dewitt.com										
Permit Manager: Will McGoldrick - Alternative	e Delivery Coordinator									
Project Name: S-94 over Suber Branch										
County: Greenville	(Optional) Structure #:									
COUDY ADEA										
STUDY AREA:  Does there appear to be WOTUS in the	e study area? • YES O NO									
• •	220 0 110									
PERMIT TYPE:										
It has been determined that no permit is re	equired because:									
The following permit(s) is/are necessary:  (Please check which type(s) of permit the project will need)  USACE Permit GP  IP  NWP  OCRM Permit Individual CAP CAP GP  Navigable Permit State NAV USCG										
408 PROJECT INFO:										
Is it within a 408 Project: O YES	• NO									
408 Project Name	:									
MITIGATION:  Mitigation Bank:	O Tame: Arrowhead Farms, Grove Creek Phase 3									
Comments:										
	t recently available information at the time. This change if the design of the project is modified.									
	Nov 29, 2023									
Biologi	st, SCDOT/Consultant Date									

Revised 04/2024



## **Watershed and Water Quality Information**

General Information

**Applicant Name: SCDOT** 

Address: 1 RIVERSIDE CHASE CIR, GREER, SC, 29650

MS4 Designation: Small MS4

Within Coastal Critical Area: No

Waterbody Name: Unnamed Trib

Permit Type: Construction

Latitude/Longitude: 34.904267 / -82.252600

Monitoring Station: BE-017

Water Classification (Provisional): FW

**Entered Waterbody Name:** 

CR

NI

TP

Parameter Description

NH3N Ammonia CD Cadmium CU Copper HG Mercury РΒ ΖN Lead Zinc **TURBIDITY** Turbidity

PH Hα FC Fecal Coliform (Shellfish) BIO Macroinvertebrates (Bio) ΤN (Lakes) Nitrogen CHLA (Lakes) Chlorophyll a

HGF Mercury (Fish Tissue) PCB PCB (Fish) Chromium Nickel

DO Dissolved Oxygen

**ECOLI** Escherichia coli (Freshwaters) (Lakes) Phosphorus

**ENTERO** Enterococcus (Coastal Waters)

Impaired Status (downstream sites)

Station	NH3N	CD	CR	CU	HG	NI	PB	ZN	DO	PH	TURBIDITY	ECOLI	FC	BIO	TP	TN	CHLA	ENTERO	HGF	PCB
BE-017	х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	InTN	Х	N	Х	Х	Х	Х	Х	Х

F = Standards full supported N = Standards not supported A = Assessed at upstream station X = Parameter not assessed at station WnTN = Within TMDL, parameter not supported InTN = In TMDL, parameter not supported

WnTF = Within TMDL, parameter full supported InTF = In TMDL, parameter full supported

Parameters to be addressed (those not supporting standards)

ECOLI - Escherichia coli (Freshwaters)

**BIO** - Macroinvertebrates (Bio)

Fish Consumption Advisory

Waters of Concern (WOC)

TMDL Information - TMDL Parameters to be addressed

In TMDL Watershed: Yes TMDL Site: RS-18421 TMDL Report No: 016-04 TMDL Parameter: Fecal

TMDL Document Link: https://www.scdhec.gov/sites/default/files/docs/HomeAndEnvironment/Docs/tmdl\_enoree\_fc.pdf

Report Date: October 19, 2023

# Attachment C

Biological Evaluation - Section 7 of the Endangered Species Act



## Introduction

The proposed project consists of replacing the S-94 (Hammett Bridge Road) bridge over Suber Branch, and associated roadway approach work, in Greenville County, South Carolina.

Pursuant to Section 7 of the Endangered Species Act (ESA), a field survey was conducted within the Project Study Area (PSA) for the project. A Resource List was requested from the USFWS Information for Planning and Consultation (IPaC) in April 2024, to detail protected species under USFWS jurisdiction that are known or expected to be in or near the project area. Table 1 below includes the species that appear on the IPaC resource list.

## Federally Protected Species

Species with the federal classification of Endangered (E) or Threatened (T) or Threatened due to Similarity of Appearance (T [S/A]) are protected under the ESA of 1973, as amended (16 U.S.C. 1531 et seq.). Although Section 7 of the ESA does not provide protections for Candidate species, they are listed in Table 1 in the event of a status changes prior to completion of the project. Additionally, species that are proposed for listing are not subject to Section 7 compliance until the time they are formally listed. The bald eagle is protected by the Bald and Golden Eagle Protection Act (BGEPA) and is included in this evaluation.

Table 1: Threatened and Endangered Species

Category	Common Name	Scientific Name	Protection Status
Bird	Bald eagle	Haliaeetus leucocephalus	BGEPA
Mammal	Tricolored Bat	Perimyotis sublavus	Proposed Endangered
Reptile	Bog Turtle	Glyptemys muhlenbergii	Similar in Appearance to Threatened
Insects	Monarch Butterfly	Danaus Plexippus	Candidate
Flowering Plant	Bunched Arrowhead	Sagittaria fasciculata	Endangered
Flowering Plant	Dwarf-flowered Heartleaf	Hexastylis naniflora	Threatened
Flowering Plant	Mountain Sweet Pitcher- plant	Sarracenia rubra ssp. Jonesii	Endangered
Flowering Plant	Small Whorled Pogonia	Isotria medeloides	Threatened
Flowering Plant	Swamp Pink	Helonias bullata	Threatened
Flowering Plant	White Fringeless Orchid	Platanthera integrilabia	Threatened
Lichen	Rock Gnome Lichen	Gymnoderma lineare	Endangered

## Methodology

Environmental scientists performed literature and field reviews to determine the likelihood of protected species within the PSA and the potential for project-related impacts. Field reviews were conducted on July 28, 2023. The SCDNR South Carolina Natural Heritage Species Viewer was also reviewed to determine the presence of known populations of protected species within the vicinity of the project.

### **Biotic Communities**

Land use in the PSA is primarily comprised of commercial and residential development, and their associated fields, lawns, and parking areas. Maintained utility easements and a pedestrian path also extend alongside Hammett Bridge Road. The only natural community observed within the PSA consists of bottomland hardwoods.

Bottomland hardwoods of the Piedmont are quite variable from one site to another. Most bottomland hardwoods have been logged to some degree and have moist soils associated with river floodplains. Characteristic tree species observed in the PSA include Liquidambar styraciflua (sweetgum), Liriodendron tulipifera (tulip-poplar), Fraxinus pennsylvanica (green ash), Pinus taeda (loblolly pine), Quercus nigra (water oak), Carpinus caroliniana (American hornbeam), and Betula nigra (river birch). Groundcover species observed include Arundinaria gigantea (river cane), Rubus (blackberry), Aureolaria ssp. (false foxglove), Sherardia arvensis (blue fieldmadder), Chaerophyllum ssp. (chervil), Geranium carolinianum (Carolina geranium), and various species of *Poa* (grasses) along the roadway fill slopes.

### Results

The SCDNR South Carolina Natural Heritage Species Viewer identifies a population of bunched arrowhead within a one-mile radius of the PSA. This population was documented in 1994 within a bog adjacent to the Enoree River, approximately 3,000 feet west of Suber Branch. The only wetland identified within the PSA is a beaver impoundment, which does not provide suitable habitat for bunched arrowhead.

Field reviews of the PSA found no suitable habitat for bald eagle, bog turtle, bunched arrowhead, dwarf flowered heartleaf, mountain sweet pitcher-plant, small whorled pagonia, swamp pink, white fringeless orchid, or rock gnome lichen.

Suitable habitat for tri-colored bat exists in the PSA. Roosting habitat exists under the existing S-94 bridge and in cavities and crevices of trees within the PSA. A structure survey of the existing S-94 bridge found no evidence of bat roosting. Additionally, a visual inspection and borescope review of cavities and crevices in trees within the PSA did not indicate the presence of any bat species. A Structures Survey Data Sheet and Habitat Assessment Data Sheet are included in Attachment D.

## **Conclusions**

Based on the literature and field reviews, it is determined that the proposed project will have a biological conclusion of 'no effect' on federally protected species.

If you have any questions, or if Robbins & DeWitt can be of additional assistance, please feel free to contact Matt DeWitt at (864) 201-8446 or matt.dewitt@robbins-dewitt.com.

Respectfully Submitted

Matt DeWitt, AICP Robbins & DeWitt, LLC

# **Attachment D**

# **Biological Evaluation Attachments**



#### **U.S. Fish & Wildlife Service**

# IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

## Location

Greenville County, South Carolina



## Local office

South Carolina Ecological Services

**\( (843) 727-4707** 

**(843)** 727-4218

176 Croghan Spur Road, Suite 200 Charleston, SC 29407-7558



## Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

- 1. Draw the project location and click CONTINUE.
- 2. Click DEFINE PROJECT.
- 3. Log in (if directed to do so).
- 4. Provide a name and description for your project.
- 5. Click REQUEST SPECIES LIST.

Listed species<sup>1</sup> and their critical habitats are managed by the <u>Ecological Services Program</u> of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries<sup>2</sup>).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact <u>NOAA Fisheries</u> for <u>species under their jurisdiction</u>.

1. Species listed under the <u>Endangered Species Act</u> are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the <u>listing status page</u> for more information. IPaC only shows species that are regulated by USFWS (see FAQ).

2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

## **Mammals**

NAME **STATUS** 

Tricolored Bat Perimyotis subflavus

**Proposed Endangered** 

Wherever found

This species only needs to be considered if the following condition applies:

• This species only needs to be considered if the project includes wind turbine operations.

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/10515

## Reptiles

TATION NAME

Bog Turtle Glyptemys muhlenbergii

SAT

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/6962

## Insects

**STATUS** NAME

Monarch Butterfly Danaus plexippus

Candidate

Wherever found

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/9743

## Flowering Plants

NAME **STATUS** 

**Bunched Arrowhead** Sagittaria fasciculata

**Endangered** 

Wherever found

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/1720

Dwarf-flowered Heartleaf Hexastylis naniflora

Threatened

Wherever found

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/2458

Mountain Sweet Pitcher-plant Sarracenia rubra ssp. jonesii

Endangered

Wherever found

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/4283

Threatened

Small Whorled Pogonia Isotria medeoloides

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/1890

Swamp Pink Helonias bullata

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/4333

Threatened

White Fringeless Orchid Platanthera integrilabia

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/1889

**Threatened** 

Lichens

NAME STATUS

Rock Gnome Lichen Gymnoderma lineare

**Endangered** 

Wherever found

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/3933

## Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

## Bald & Golden Eagles

Bald and golden eagles are protected under the Bald and Golden Eagle Protection Act<sup>1</sup> and the Migratory Bird Treaty Act<sup>2</sup>.

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats<sup>3</sup>, should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below.

Specifically, please review the "Supplemental Information on Migratory Birds and Eagles".

## Additional information can be found using the following links:

- Eagle Management <a href="https://www.fws.gov/program/eagle-management">https://www.fws.gov/program/eagle-management</a>
- Measures for avoiding and minimizing impacts to birds
   <a href="https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds">https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds</a>
- Nationwide conservation measures for birds
   <u>https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf</u>
- Supplemental Information for Migratory Birds and Eagles in IPaC <a href="https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action">https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action</a>

There are likely bald eagles present in your project area. For additional information on bald eagles, refer to <u>Bald Eagle Nesting and Sensitivity to Human Activity</u>

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the PROBABILITY OF PRESENCE SUMMARY below to see when these birds are most likely to be present and breeding in your project area.

NAME BREEDING SEASON

## Bald Eagle Haliaeetus leucocephalus

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

https://ecos.fws.gov/ecp/species/1626

## Breeds Sep 1 to Jul 31

## Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read

<u>"Supplemental Information on Migratory Birds and Eagles"</u>, specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

## Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

- 1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
- 2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
- 3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

## Breeding Season (

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

## Survey Effort (l)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

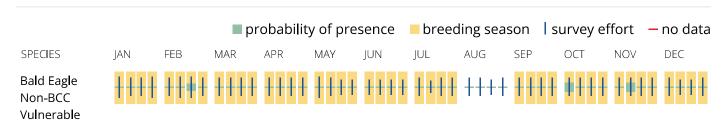
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

## No Data (–)

A week is marked as having no data if there were no survey events for that week.

## **Survey Timeframe**

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



## What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the <u>Avian Knowledge Network (AKN)</u>. The AKN data is based on a growing collection of <u>survey</u>, <u>banding</u>, <u>and citizen science datasets</u> and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (<u>Eagle Act</u> requirements may apply). To see a list of all birds potentially present in your project area, please visit the <u>Rapid Avian Information Locator (RAIL) Tool</u>.

## What does IPaC use to generate the probability of presence graphs of bald and golden eagles in my specified location?

The Migratory Bird Resource List is comprised of USFWS <u>Birds of Conservation Concern (BCC)</u> and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the <u>Avian Knowledge Network (AKN)</u>. The AKN data is based on a growing collection of <u>survey</u>, <u>banding</u>, <u>and citizen science datasets</u> and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (<u>Eagle Act</u> requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the <u>Rapid Avian Information Locator (RAIL) Tool</u>.

#### What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the <u>Eagle Act</u> should such impacts occur. Please contact your local Fish and Wildlife Service Field Office if you have questions.

## Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats<sup>3</sup> should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below. Specifically, please review the "Supplemental Information on Migratory Birds and Eagles".

- 1. The Migratory Birds Treaty Act of 1918.
- 2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Eagle Management <a href="https://www.fws.gov/program/eagle-management">https://www.fws.gov/program/eagle-management</a>
- Measures for avoiding and minimizing impacts to birds
   <a href="https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds">https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds</a>
- Nationwide conservation measures for birds <a href="https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf">https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf</a>
- Supplemental Information for Migratory Birds and Eagles in IPaC <a href="https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action">https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action</a>

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the PROBABILITY OF PRESENCE SUMMARY below to see when these birds are most likely to be present and breeding in your project area.

NAME BREEDING SEASON

### Bald Eagle Haliaeetus leucocephalus

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds Sep 1 to Jul 31

https://ecos.fws.gov/ecp/species/1626

### **Black-billed Cuckoo** Coccyzus erythropthalmus

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9399

Breeds May 15 to Oct 10

## Chimney Swift Chaetura pelagica

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds Mar 15 to Aug 25

### Chuck-will's-widow Antrostomus carolinensis

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Breeds May 10 to Jul 10

## Eastern Whip-poor-will Antrostomus vociferus

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 1 to Aug 20

## **Grasshopper Sparrow** Ammodramus savannarum perpa**ll**idus

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA <a href="https://ecos.fws.gov/ecp/species/8329">https://ecos.fws.gov/ecp/species/8329</a>

Breeds Jun 1 to Aug 20

## Kentucky Warbler Geothlypis formosa

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds Apr 20 to Aug 20

## Prairie Warbler Setophaga discolor

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 1 to Jul 31

### **Prothonotary Warbler** Protonotaria citrea

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds Apr 1 to Jul 31

Red-headed Woodpecker Melanerpes erythrocephalus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. Breeds May 10 to Sep 10

Rusty Blackbird Euphagus carolinus

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Breeds elsewhere

Wood Thrush Hylocichla mustelina

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 10 to Aug 31

## **Probability of Presence Summary**

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "Supplemental Information on Migratory Birds and Eagles", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

## Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

- 1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
- 2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
- 3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the

probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

## Breeding Season (

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

## Survey Effort (l)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

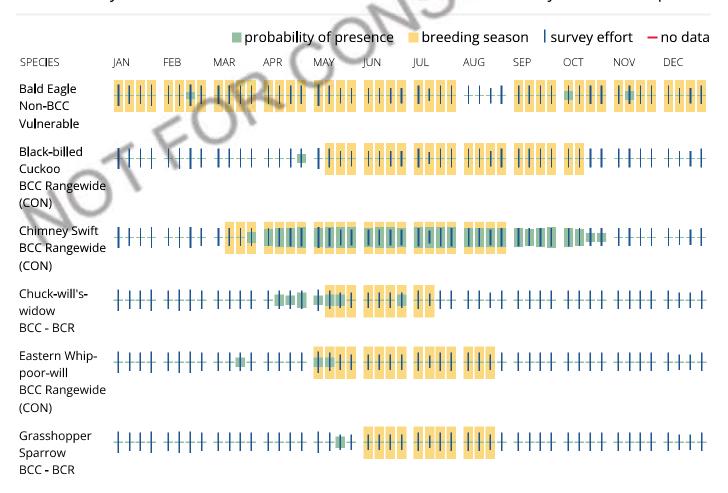
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

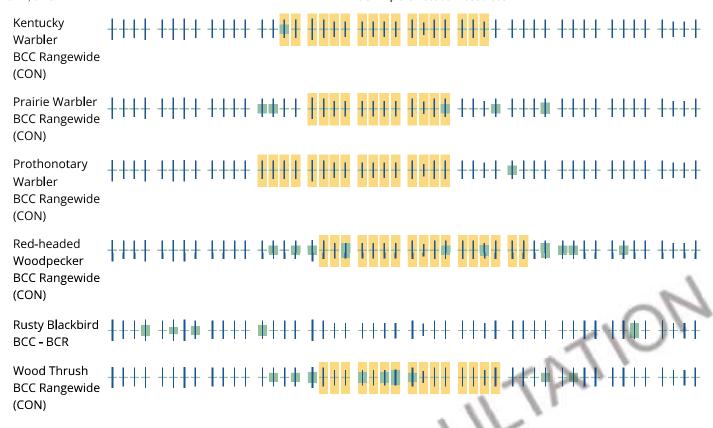
## No Data (–)

A week is marked as having no data if there were no survey events for that week.

## **Survey Timeframe**

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.





## Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

## What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS <u>Birds of Conservation Concern (BCC)</u> and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the <u>Avian Knowledge Network (AKN)</u>. The AKN data is based on a growing collection of <u>survey</u>, <u>banding</u>, <u>and citizen science datasets</u> and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (<u>Eagle Act</u> requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the <u>Rapid Avian Information Locator (RAIL) Tool</u>.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the <u>Avian Knowledge Network (AKN)</u>. This data is derived from a growing collection of <u>survey</u>, <u>banding</u>, <u>and citizen science datasets</u>.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

#### How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the <u>RAIL Tool</u> and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

#### What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

- 1. "BCC Rangewide" birds are <u>Birds of Conservation Concern</u> (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands):
- 2. "BCC BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
- 3. "Non-BCC Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the <u>Eagle Act</u> requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

#### Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the <u>Northeast Ocean Data Portal</u>. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the <u>NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.</u>

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the <u>Diving Bird Study</u> and the <u>nanotag studies</u> or contact

#### Caleb Spiegel or Pam Loring.

### What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to <u>obtain a permit</u> to avoid violating the Eagle Act should such impacts occur.

### Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

## Facilities

## National Wildlife Refuge lands

Any activity proposed on lands managed by the <u>National Wildlife Refuge</u> system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

## Fish hatcheries

There are no fish hatcheries at this location.

# Wetlands in the National Wetlands Inventory (NWI)

Impacts to <u>NWI wetlands</u> and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local <u>U.S. Army Corps of Engineers District</u>.

## Wetland information is not available at this time

This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the <u>NWI map</u> to view wetlands at this location.

#### **Data limitations**

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

#### Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

#### Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local

government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION

## STRUCTURES SURVEY DATA SHEET

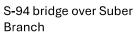
Investigator Names	s): A. (	CHANDLER, M. [	DEWITT, C.	LEWIS			
Date: 2023-07-12	Pate: 2023-07-12 County: GREENVILLE						
Lat Long/w3w: 34.90	426,	82.25261					
Project Name: S-94 (	(HAMI	METT BRIDGE RE	O) OVER SU	BER BRAN	СН		
SCDOT Structure ID:	0412	9		Project N	o.: P041163		
Structure Type:						Underdeck Material:	
☐ Parallel Box Beam	1		☐ Steel	I-Beam	III	□ Concrete	
☐ Pre-Stressed Gird	ler	HHHH	⊠ Flat S	lab / Box	100000000000000000000000000000000000000	☐ Corrugated Steel	
☐ Cast in Place -		▶ TTTTT	☐ Trape	zoidal Box		☐ Other:	
		InnnnI	☐ Other	••			
Bridge Note:			•				
☐ Culvert - Box							
☐ Culvert - Pipe/Ro	und						
Culvert Note: approx	<. 24",	concrete					
Road Type:							
☐ Interstate		☐ US Highway		⊠ State Road		☐ County Road	
		,		S-94			
Surrounding Habita	t (che	ck all that appl	v):				
Residential		gricultural	☐ Comm	ercial	☐ Pine Forest	☐ Grassland	
⊠ Riparian		/etland	⊠ Mixed				
Other:							
_ Guion							
Conditions Under B	ridge	•	apply):	I =			
⊠ Bare		☐ Concrete		⊠ Rip Rap		☐ ☑ Flowing Water	
Ground/Sediment					137		
☐ Standing Water		☑ Open Vegeta		☐ Closed Vegetation		☐ Two Lanes	
☐ Four (+) Lanca		(not obstructing		(may obstruct flight path)   Railroad		☐ Other:	
☐ Four (+) Lanes ☐ Unpaved Road ☐			L Naiti Oa	au	_ Utilei.		
	Bats Present:						
Bats Present:				⊠NO			
				⊠NO			
	ck al <u>l</u>	that apply):		⊠NO			
□YES		that apply): mell	☐ Sound		☐ Staining	☐ Guano	

Species Present:						
☐ Big brown ( <i>Eptesicus fuscus</i> )			☐ Northern long-eared ( <i>Myotis septentrionalis</i> )			
☐ Brazilian free-tailed ( <i>Tadarida brasiliensis</i> )		☐ Northern yellow ( <i>Lasiurus intermedius</i> )				
☐ Eastern red ( <i>Lasiurus bore</i>	ealis)	Rafinesque's big-eared (Corynorhinus rafinesquii)				
$\square$ Eastern small-footed ( <i>My</i>	otis leibii)		Silver-haired ( <i>Lasionycter</i>	is noctivagans)		
☐ Evening ( <i>Nycticeius hume</i>	ralis)		Southeastern ( <i>Myotis aus</i> i	troriparius)		
☐ Gray (Myotis grisescens)			Seminole ( <i>Lasiurus semin</i>	olus)		
☐ Hoary ( <i>Lasiurus cinereus</i> )		☐ Tri-colored (Perimyotis subflavus)				
Little brown ( <i>Myotis lucifu</i>	gus)		JNKNOWN			
	<u> </u>					
Roost Description (if known	check all that apply	v)•				
	Nursery Roost		☐ Night Roost	⊠UNKNOWN		
Number of Roosts:	1 Marsery Moost	1		□ OTTRITOVIT		
rtamber of floodes.						
Roost Design (check all tha						
Crack/Crevice/Expansion	·			nsion Joint: Top of Bridge		
☐ Plugged Drain	Under/Along Main	n	☐ Rail	☐ Other:		
	Bridge Structure					
Human Disturbance or Traf	fic Under Bridge or at	t Strı	ıcture?			
☐ High ☐ None						
Areas Inspected (check all	that apply):					
☐ Vertical Surfaces on I-Bea		rface	s between Concrete End	Walls and Bridge Deck		
	Rough Surfaces		Guardrails	⊠ Cervices		
Other:	<u></u>					
Areas NOT Inspected because	se of Safety or Inacces	sibil	tv:			
р						
Evidence of Migratory Birds	Using the Structure?	?				
☐ YES			NO STATE OF THE S			
			•			
Additional Information:						



Date: 2023-07-12

Taken by: A. Chandler





Photograph 2

Date: 2023-07-12

Taken by: A. Chandler

West end wall



Date: 2023-07-12

Taken by: A. Chandler





Photograph 4

Date: 2023-07-12

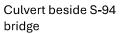
Taken by: A. Chandler

Underneath bridge



Date: 2023-07-12

Taken by: A. Chandler





Photograph 6

Date: 2023-07-12

Taken by: A. Chandler

Interior of culvert

## **BAT HABITAT ASSESSMENT DATA SHEET**

Project Name: S-94 (HAMMETT BRIDGE RD) OVER SUBER BRANCH	Date: 2023-07-12
County: GREENVILLE	Surveyor(s): A. CHANDLER,
Lat Long: 34.90426, -82.25261	M. DEWITT, C. LEWIS

## **Brief Project Description**

Project Area					
	Total Acres	Forest Acres	Open Acres		
Project	13.78	2.22	11.56		
Proposed Tree Removal	Completely Cleared	Partially Cleared (Will Leave Trees)	Preserve Acres – No Clearing		
	0.41		1.81		

Vegetation Cover Types			
Pre-Project	Post-Project		
Forested	Forested		
Maintained right-of-way	Maintained right-of-way		

Landscape within 5-mile Radius
Flight corridors to other forested areas?
Roadways, Streams, Utility Corridors
Describe Adjacent Properties (e.g., forested, grassland, developed, water sources)
Forested Posidential and Commercial Development Suber Branch

#### **Proximity to Public Land**

What is the distance from the project area to forested public lands (e.g., national or state forests, national or state parks, conservation areas, wildlife management areas)?

Sample Site Description			
Sample Site No. (s):	Project Study Area (13.78 acres)		

Water Resources at Sa	mple Site			
Stream Type	Ephemeral	Intermittent		Perennial
(# and length)				466 lf
Pools/Ponds		Open and ac	cessible to b	pats?
(# and size)				
Wetland	Permanent		Seasonal	
(approx. acres)	WA: 0.17			
Describe existing condit	ion of water sources:			
Forest Resources at Sa	•			
Closure/Density	Canopy (> 50')	Midstory (20-		Understory (< 20')
	1 (1-10%)	3 (21-	40%)	5 (61-80%)
Dominant Species of	Sycamore, oak spp., tu	lip poplar, wax m	yrtle	
Mature Trees				
Exfoliating Bark (%)	2%			
Size Composition of	Small (3-8 in)	Med (9-15 in)	)	Large (> 15 in)
Live Trees (%)	5 (61-80%)	4 (41-	60%)	1 (1-10%)
No. of Suitable Snags	2%			
Standing dead trees with exfol suitable.	iating bark, cracks, crevices, or h	ollows. Snags withou	it these charact	eristics are not considered
1 = 1-1(	0%, 2 = 11-20%, 3 = 21-40%	%, 4 = 41 <b>-</b> 60%, 5 =	= 61-80%, 6 =	= 81-100%
IS THE HABITAT SUITABL	E FOR NORTHERN LONG-	EARED BATS?	NO, OL	JTSIDE KNOWN RANGE
IS THE HABITAT SUITABL	LE FOR TRI-COLORED BATS	S?	YES	
12 THE HARITAL SOLIARE	LE FOR TRI-COLORED BAT	5?	<u> YES</u>	

## **Additional Comments:**

Clearing impacts calculated using design S2394pp (1/26/2024).

 $Attach\ aerial\ photo\ of\ project\ site\ with\ all\ forested\ areas\ labeled\ and\ a\ general\ description\ of\ the\ habitat.$ 

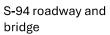
Photographic Documentation: habitat shots at edge and interior from multiple locations; understory/midstory/canopy; examples of potential suitable snags and live trees; water sources





Date: 2023-07-12

Taken by: A. Chandler



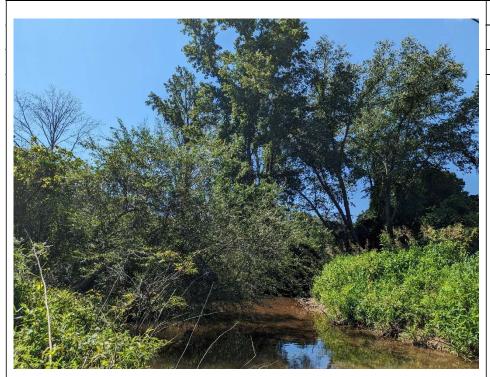


Photograph 2

Date: 2023-07-12

Taken by: A. Chandler

Forested wetland om south side of S-94



Date: 2023-07-12

Taken by: A. Chandler

Forested area south of S-94 and Suber Branch

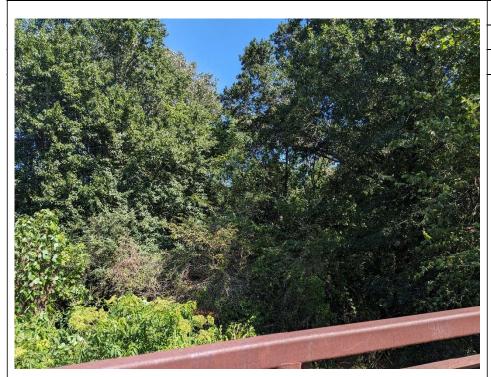


Photograph 4

Date: 2023-07-12

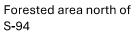
Taken by: A. Chandler

Forested area north of S-94



Date: 2023-07-12

Taken by: A. Chandler





Photograph 6

Date: 2023-07-12

Taken by: M. DeWitt

## Appendix C: Bridge Scope and Risk Assessment Form





COUNTY:	Greenville		DATE: <u>10/19/23</u>
ROAD #:	S-94	STREAM CROSSING:	Suber Branch
Purpose &	and restore a	Project: of the project is to correct the load restr Il components to good condition. The e ons and has one or more components in	xisting bridge is posted for
I. FEMA	Acknowledge	ement	
ls t	his project loc	ated in a regulated FEMA Floodway?	X Yes No
Pa	nel Number:	45045C0344E Effective Date:	08/18/2014 (See Attached)
II. FEMA	Floodmap Inv	/estigation	
FE ✓	Passes unde Is in contact v	file Sheet Number 353P illustrates r the existing low chord elevation. with the existing low chord elevation. existing bridge finished grade elevation	
III. No Ris	se/CLOMR Pre	eliminary Determination	
✓	-	essessment indicates this project may b quirements. A detailed hydraulic analys ent.	
	Justification:	Bridge is located in FEMA Zone AE wirestablished. Preliminary analysis indicating all SCDOT criteria for determine	ates the proposed bridge will
		ssessmnet indicates this project may re be determined by a detailed hydraulic a	
	Justification:		

## IV. Preliminary Bridge Assessment A. Locate Existing Plans File No. Sheet No. (See Attached) a. Bridge Plans Yes No File No. Sheet No. (See Attached) b. Road Plans Yes No B. Historical Highwater Data Gage No. \_\_\_\_\_ Results: \_\_\_\_\_ a. USGS Gage Yes No b. SCDOT/USGS Documented Highwater Elevations ✓ Yes Results: 828.04' No c. Existing Plans lYes See Above No V. Field Review A. Existing Bridge Length: 45 ft. Width: 27.5 ft. Max. span Length: 15 ft. Alignment: ✓ Tangent Curved Bridge Skewed: Yes No Angle: End Abutment Type: Spill Through Riprap on End Fills: ✓ Yes No Condition: Superstructure Type: Concrete Deck Substructure Type: RC Caps with Timber Piles ✓ Yes Utilities Present: No Describe: 8" Cast Iron pipe and 4" plastic pipe on upstream side Debris Accumulation on Bridge: Percent Blocked Horizontally: Percent Blocked Vertically: Hydraulic Problems: Yes No Describe:

Field Review (cont.)					
B. Hydraulic Features a. Scour Present: ✓ Yes  No Location: east end upstream side corner					
b. Distance from F.G. to Normal Water Elevation: c. Distance from Low Steel to Normal Water Elev.: d. Distance from F.G. to High Water Elevation: e. Distance from Low Steel to High Water Elev.: 0.7 ft.					
f. Channel Banks Stable: Yes  Describe: Erosion on upstream east end corner backfilled with rip-rap and asphalt					
g. Soil Type: <u>Sand / Gravel</u>					
h. Exposed Rock: ☐Yes ✓ No Location:					
<ul> <li>i. Give Description and Location of any structures or other property that could be damaged due to additional backwater.</li> <li>High school and dense residential neighborhoods are located in the vicinity upstream of the bridge. A middle school, grocery store, and other commercial developments located in the downstream area.</li> </ul>					
C. Existing Roadway Geometry  a. Can the existing roadway be closed for an On-Alignment Bridge Replacement  ✓ Yes No  Describe:					
If "yes", does the existing vertical and horizontal curves meet the proposed design speed criteria?					
If "No", will the proposed bridge be:  Staged Constructed  Replaced on New Alignment					

VI. Field Review (cont.)

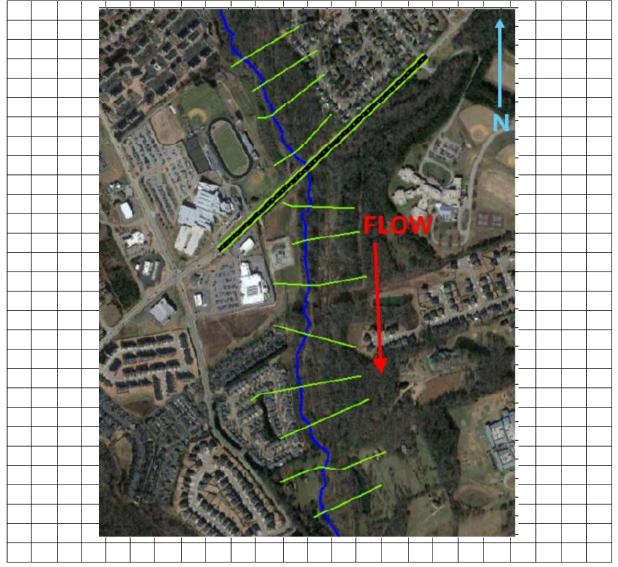
Α.	Proposed	Bridge	Recomm	endation:
----	----------	--------	--------	-----------

Length:	70 ft.	Width:	27.5 ft.	Elevation:	832.0 ft.

Span Arangement: Single span

Notes: <u>Proposed minimum low chord elevation is 832.00'. Proposed minimum profile/deck elevation is 835.75'. Proposed 45" Type III Girder as bridge deck.</u>

BRIDGE SITE DIAGRAM: (Show North Arrow and Direction of Flow)



Performed By: Hassan Ismail

Title: Project Manager



## South Carolina Department of Transportation Location and Hydraulic Design of Encroachments on Floodplains Checklist

23 CFR 650, this regulation shall apply to all encroachments and to all actions which affect base floodplains, except for repairs made with emergency funds. Note: These studies shall be summarized in the environmental review documents prepared pursuant to 23 CFR 771.

#### I. PROJECT DESCRIPTION

The purpose of the project is to correct the load restriction placed on the bridge and restore all components to good condition. The existing bridge is posted for load restrictions and has one or more components in poor condition.

- A. Narrative Describing Purpose and Need for Project
  - a. Relevant Project History:
  - b. General Project Description and Nature of Work (attach Location and Project Map):
  - c. Major Issues and Concerns:

The primary purpose of the project is to replace the bridge. Roadway improvements are limited to those associated with accommodating the new structure.

The project crosses Suber Branch which is shown on the Flood Insurance Rate Map (FIRM) Panel 45045C0344E. Suber Branch is within a designated Special Flood Hazard Area Zone AE with a regulatory floodway in the vicinity of the Project. The project is not expected to be a significant or longitudinal encroachment as defined under 23 CFR 650A, nor is it expected to have an appreciable environmental impact on the base flood elevation. In addition, the project would be developed to comply with all appropriate floodplain regulations and guidelines.

B.	Are there any floodplain(s) regulated by FEMA located in the project area?  Yes⊠ No□		
C.	Will the placing of fill occur within a 100-year floodplain? Yes⊠ No⊡		
D.	Vill the existing profile grade be raised within the floodplain?		
	The roadway grade will be raised to accommodate the larger bridge structure.		

E.	If applicable, please discuss the practicability of alternatives to any longitudinal encroachments.		
	1	ongitudinal encroachments are expected based on the revised roadway profile idge will be constructed on existing alignment to reduce longitudinal impacts.	
F.	risk or e	include a discussion of the following: commensurate with the significance of the environmental impact for all alternatives containing encroachments and those which would support base floodplain development:  What are the risks associated with implementation of the action?	
		Risks are minimal; the project will replace the existing bridge with larger bridge opening. The increased opening will have a minimal impact on the BFE's along the floodplain.	
	b.	What are the impacts on the natural and beneficial floodplain values?	
		The project is not expected to impact the floodplain values, as the hydraulics will be retained/improved.	
	C.	What measures were used to minimize floodplain impacts associated with the action?	
		A similar bridge size will be used and constructed on the existing alignment.	
	d.	Were any measures used to restore and preserve the natural and beneficial floodplain values impacted by the action?	
		Not Applicable	

G. Please discuss the practicability of alternatives to any significant encroachments or any support of incompatible floodplain development.

The impacts are not considered significant encroachments and would not support incompatible floodplain development. The proposed project will have no significant impact to base flood elevations along the stream and will not impact the potential for development within the floodplain

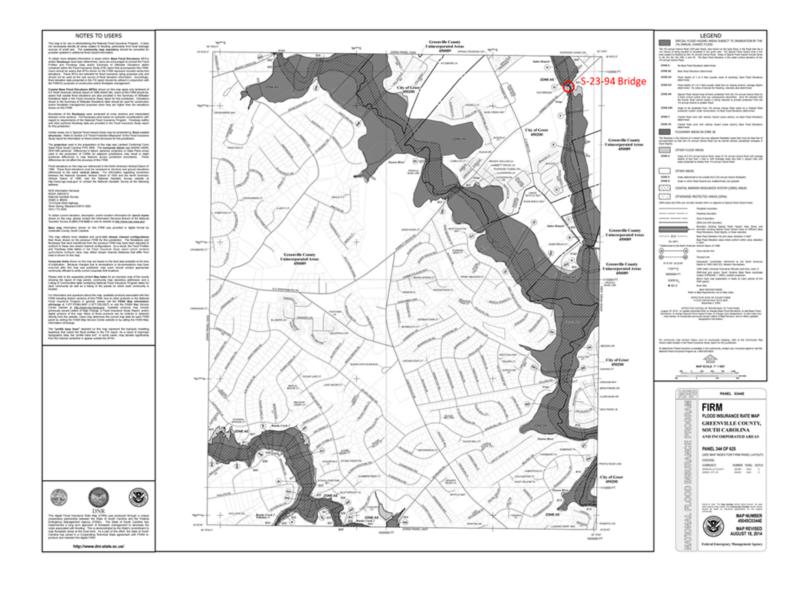
H. Were local, state, and federal water resources and floodplain management agencies consulted to determine if the proposed highway action is consistent with existing watershed and floodplain management programs and to obtain current information on development and proposed actions in the affected? Please include agency documentation.

All analysis for the project was performed in accordance with SCDOT, FEMA, and local regulations.

As the project progresses to final construction plans, the hydraulic modeling will be updated based on the final bridge layout

Tune 2023

SCDOT Hydraulic Engineer Date



# Appendix E: Public Information Meeting & Public Comments





# Package 19 (S-94) Public Meeting Summary

# **Meeting Overview**

One in-person public meeting was held to educate the public on the Package 19 bridge replacement for the S-23-94 (Hammett Bridge Road) Bridge over Suber Branch and potential impacts. This public meeting fell within the 30-day comment period for the project that ran from June 21 to July 26, 2024. Meeting attendees had the opportunity to learn more about the project, environmental process, provide comments, ask questions, and address concerns with members of the project team.

The meeting was an open-house, drop-in style allowing attendees to join the meeting at any point from 5 to 7 PM and engage the project team, view meeting materials, and submit comments. A virtual public meeting was also available online, 24/7 where participants could view materials from the in-person meeting and submit comments between June 21 to July 26, 2024.

The doors opened at 5:00 PM where attendees were encouraged to sign-in, provided a project handout, and given a brief explanation of the meeting format. A total of 49 individuals signed into the meeting, the sign-in sheets are included as **Appendix A**. Attendees were encouraged to complete a Demographic Survey at both the sign-in and comment stations. A total of 7 demographic forms were completed and are included in **Appendix B**. In addition to the Demographic Survey form, project team staff at the Sign-In station tracked attendee demographics which are included with the survey results below:

White Males: 23White Females: 19

African American Males: 2

East Asian Males: 1

Attendees entered the meeting and were able to walk around the room to four stations covering the following project topics:

- Proposed Improvements
- Proposed Build Alternatives
- Proposed Detour Routes
- Proposed Schedule and Typical Sections

Attendees were encouraged to provide comments at the in-person meeting and through the virtual meeting until July 26, 2024. See **Appendix C** for comments submitted in person at the public meeting. A detailed breakdown of comments collected during the 30-day comment period are discussed in the Comment Summary section later in this document.

### Meeting Details

Event	Date & Time	Location
Public Meeting for	July 11, 2024	Riverside Baptist Church
S-23-94 over Suber Branch		1249 S. Suber Road
	5 PM – 7 PM	Greer, SC 29650

**Public Meeting Summary** 



# Meeting Timeline

4:00 PM - HNTB Public Involvement team arrives and sets up

4:30 PM - All staff arrives

4:45 PM – All staff pre-meeting huddle and safety moment

4:50 PM – Doors open to the public

7:00 PM – Public meeting ends, doors close

7:05 PM – Team debrief

7:45 PM – HNTB Public Involvement team tears down and leaves facility.

### Meeting Staff

The following individuals were present at the in-person meeting and were assigned to specific roles and stations. Security was provided via a private contractor and coordinated through SCDOT's Office of Public Involvement.

Name	Role/Station
Michael Pitts, SCDOT*	Project Lead/Proposed Build Alternatives
Will McGoldrick, SCDOT	Proposed Improvements
Carolyn Fischer, SCDOT	Proposed Detours
Madeline Barbian, SCDOT	Proposed Schedule and Typical Sections
Brittany Myers, SCDOT	Media
Ginny Jones, SCDOT	Media
Caycee Cleaver, SCDOT	Sign-In
Shannon Meder, HNTB*	HNTB Team Lead/Floater
Robert Flagler, HNTB*	PI Lead/Floater
Jeff Hess, HNTB	Proposed Build Alternatives
David Hawkins, HNTB	Schedule and Typical Sections
Nicole Weirich, HNTB	Sign-In

<sup>\*</sup>Indicates this individual acted as a meeting manager.

# Meeting Materials

The following materials were available at the in-person meeting and are included in **Appendix B**.

Material	Quantity	Responsible Party
Meeting Boards	6	HTNB
Handouts	100	HTNB
Comment Forms	100	HTNB
Sign-in Sheets	15	HTNB
Printed Nametags	1 set plus blank extras	HNTB
Indoor Directional Signage	6	HNTB
Outdoor Directional Signage	6	HNTB
SCDOT Demographic Forms	-	HNTB

# Talking Points and Expectations

- S- 23-94 Bridge
  - o Constructed in 1963

#### **Public Meeting Summary**



- The bridge currently has posted load restrictions.
- The project will replace the existing bridge structure to meet current design and safety standards.
- Construction to replace the bridge is proposed to start in 2025 and the construction duration will depend on which alternative is selected.

# • Design-Build Process

- The existing bridges in Bridge Package 19 are posted for load restrictions and have one or more components in poor condition.
- SCDOT anticipates hiring the contractor and designer in 2025.
- Going through the design-build process is efficient and effective and allows the project to meet the proposed construction schedule.

#### Local Access

Will maintain access to all adjacent properties during construction.

#### Right of Way

- o Provide the link to the 'Highways and You' brochure.
- If right-of-way is required of your property after design is finalized, you will be contacted directly.

#### Alternatives & Impacts

- Two alternatives being considered for S- 94:
  - Alternative 1: Replace existing bridge on existing alignment.
  - Alternative 2: Stage construction to maintain two (2) travel lanes.

## Alternative 1 will:

- Close the existing bridge and SCDOT will detour traffic during the anticipated six
   (6) months of construction.
- Have lower environmental and right-of-way impacts, higher utility impacts, and the best roadway alignment.

# Alternative 2 will:

- Include staged construction to maintain two (2) travel lanes during the anticipated ten (10) months of construction.
- Have lower utility impacts but higher environmental and right-of-way impacts and a longer construction duration.

#### Detours

- SCDOT proposes a North and South Detour for six (6) months if Alternative 1 is selected.
  - The North Detour will utilize Suber Road, Brushy Creek Road, and South Buncombe Road.
  - The South Detour will utilize Suber Road, South Main Street, and South Buncombe Road.

**Public Meeting Summary** 



# **Meeting Participation**

Statistics regarding public participation in the Public Information meetings are shown in the table below.

#### **Public Information Meeting Results: S-23-94**

**Total Attendees** July 11, 2024 Meeting: 45

**Total Comments** Website Comments: 13, In-person Comments:

18, Email: 2, Phone: 8

Total Comments 41

Received

Comments collected during the 30-day comment period and the responses sent by the project team are included in **Appendix C**.

# **Meeting Content**

The meeting was comprised of five meeting display boards (welcome board, a project plan view, maps of the 2 proposed detour routes, maps of 2 proposed build alternates, and a proposed schedule and typical section) and a project information handout. Meeting outreach included sending the surrounding community postcards via EDDM and placing yard sign on either end of the bridge and nearby intersections in early July. A comment station was available for in-person project comments and demographic forms. Information about the bridge was made available on the project website for the entire comment period. Comments could be submitted via the in-person comment form, website comment form, email, mail, or phone (See Table 1). Display board content can be found in **Appendix D**. Meeting photos can be found in **Appendix E**.

#### **Public Comments**

Out of all commenters, there were 9 people who voted for Alternate 1: Close and Detour, and 8 who voted for Alternate 2: Staged Construction. Out of the two detour options presented 5 people voted for the north detour option while 4 people voted on the south detour. See **Table 1** for topics that came up most often in comments. See **Table 2** for the transcribed online and in-person comments received for S-94.

Table 1. S-94 Recurring Comment Topics

#### **S-94 Recurring Comment Topics**

Extension of sidewalks on Hammett Bridge Road to Suber Road/Buncombe Road

Concern for Riverside Middle and High School traffic compounded with construction/detour traffic

Requests for construction to occur either in summer months or in a way which won't close the pedestrian bridge, as there is foot traffic from middle and high school students

Request for additional lane/turn lane on Hammett Bridge Road

Concerns of heavy traffic already in this area/danger and feasibility of both detours

Public Meeting Summary



**Table 2.** Transcribed online and in-person comments and SCDOT responses received for S-94

Full	City	Comment	Response
Name			
Francie Camp	Greer	I prefer alternative 2 with the road remaining open during construction. I live south of the airport (GSP) and prefer Hammett Bridge Road to 14 as a route to points north (the traffic on 14 near the airport area is much faster than the posted speed, many trucks, tailgating + a lot of unsafe	Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina.
		lane changing) the detour along Suber Road and S Main St is not a good route, and Suber in general is not a preferred road. I have lived with a road completely closed to construction within ½ mile if my home- it was an awful daily inconvenience- I do not recommend it for the residents near the project. I concur making construction so that in the future a middle lane will be possible.	SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on the proposed detour, Alternative 2, and the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Sandi Franklin	Greer	#1- Build Alternate 1(existing alignment) is preferable- Short period for traffic to be affected; but both alternates are short-sighted: considering Riverside High School, growth at Suber Road end continuing new construction at Buncombe Road end, the replacement bridge should be three lanes to provide a turn lane on an already heavily traveled road (buses turning left into school property, overwise Hammett Bridge Road will forever be limited to 2 lanes. #2- North Detour Route. Although longer, is definitely preferable. Roads are much better suited to handle the additional traffic & much safer. South Detour route already has a dangerous Awdosy Hairpin/LL-turn, is very narrow pavement in stretches, passes a school and involves an already sight limited intersection (Gibbs Shoals Rd)	Sandi Franklin,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. While the funding and scope of the proposed project is only for the replacement of the bridge, the proposed bridge width will accommodate three lanes if a future project widens Hammett Bridge Road. SCDOT will continue to evaluate public comments to identify a build alternative and a detour route that meets project requirements and reflects public input. Your feedback on safety and traffic concerns has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Paul King	Greer	Build Alternate 2 Keep traffic moving.  1. Build Half of bridge alongside old one, add two lanes between schools	Paul King,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina.

		Remove old Bridge and build new bridge     This works best!      Desired the second of the seco	SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on Alternative 2 and the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Louise	Greer	Build Alternate 2 Staged	Louise Bishop,
Bishop		Do not want to drive a detour everyday.	
			Thank you for your comment on the proposed replacement of the S-23-94
			bridge on Hammett Bridge Road in Greenville County, South Carolina.
			SCDOT is proposing to replace the existing bridge structure to address the
			functional and structural deficiencies, correct current load restrictions,
			and to restore all bridge components to good condition. Your feedback on
			Alternative 2 and the proposed project has been reviewed and logged in
			the project record. We appreciate your interest and feedback on the
			proposed project.
Jose	Taylor	I prefer the south detour because the High School make a	Jose Pereiro Gonzalez,
Pereira	S	lot of traffic jam. The school (HS) officer police does not	
Gonzale		have control and increases the traffic jam. I don't have a	Thank you for your comment on the proposed replacement of the S-23-94
Z		preferred, but the SCDOT need to coordinate with the	bridge on Hammett Bridge Road in Greenville County, South Carolina.
		schools directions. At the moment we can be stuck in the	SCDOT is proposing to replace the existing bridge structure to address the
		traffic jam for 10 minutes. If the SCDOT find the efficient	functional and structural deficiencies, correct current load restrictions,
		way I don't care. But please verify the traffic behavior	and to restore all bridge components to good condition. Your feedback on
		before creating a mess in the area. Thank you for the	the proposed project has been reviewed and logged in the project record.
		public audience.	We appreciate your interest and feedback on the proposed project.
No	NA	Most of the roads are in bad shape and need a lot of	NA, no contact info provided
name		repairs.	
submitt		-After each rainy day it is a big safety concern	
ed		Suber Road and Hammett Bridge Road- No infrastructure	
		to keep up with population growth on this 2 roads	
		Lot of people are moving more of have moved recently	
	1	Thank you	
Richard	Greer	We would prefer you close the road to build the bridge.	Richard & Sharlee Grzybowski,
and		Hammett Bridge Rd has become a very busy road and	

Sharlee Grzybo wski		especially during school hours. We feel Hammett Bridge Rd should have a center lane for turning and sidewalks from Suber Road down to S Buncombe Rd. We live in Rich Glen subdivision and making a left turn is dangerous and difficult especially during school traffic.	Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. While the funding and scope of the proposed project is only for the replacement of
			the bridge, the proposed bridge width will accommodate three lanes if a future project widens Hammett Bridge Road. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Jeannie McGriff	Greer	I prefer Alternate 2 even if construction takes longer. As a retiree, there are many hours of the day when Hammett Bridge traffic is not heavy and we appreciate the short drive to the Lowes Grocery store during those times. We avoid morning and getting of work times on Hammett Bridge Rd.  Thank you for the opportunity to express my opinion.	Jeannie McGriff,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Janice Shirley	Greer	Work during the summer months when school is out if possible. Do all construction one time no temporary bridge. Either detour works for me. Please consider extending sidewalks on Hammett Bridge all the way to South Buncombe Road (at lease on one side for school kids living in the Rich Glen subdivision). Thank you for having meeting.	Janice Shirley,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and restore all bridge components to good condition. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Dick Falconer	Greer	Prefer South Detour Prefer build alternate 1	Dick Falconer,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina.  SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions,

			and restore all bridge components to good condition. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Jim Bennett	Greer	The proposed south detour seems problematic for at least two reasons:  1. There is a hairpin curve that descends from both directions into a bridge at the curve. This has already resulted in problems with increased traffic from the population growth in the area. This might significantly increase the risk.  2. The proposed south detour would include the intersection at Woodlawn elementary school. The combination of the start of school day and workday already created significant gridlock at this intersection. This would certainly amplify the problem with additional vehicles funneled this direction.	Jim Bennett,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on the proposed project has been reviewed and logged in the project record. SCDOT will continue to evaluate the proposed detours for safety and convenience and public feedback to determine the best possible detour route. We appreciate your interest and feedback on the proposed project.
Larry McGriff	Greer	I prefer alternate 2 even though it would extend construction time. I use this potion of Hammett Bridge Road essentially every day and sometimes several times a day.  I am excited to see this project proceed. The existing bridge seems to be a traffic "choke point" during bust times and drivers tend to speed coming down the hill from wither direction.	Larry McGriff,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Jessica Stoeltin g	Greer	My preference is to NOT close the roadway as we like on the other side of the middle school and have a student at the high school. The North detour is dangerous- she would take Henderson Gap Road and turn left on Brushy Creek Rd. That is a very dangerous intersection as the line of sight is minimal and people speed, so you don't see them until they are on top of you. Many accidents, some fatal have happened there. A stop sign (3-way) or a roundabout would be needed to make is safer to turn	Jessica,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina.  SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. SCDOT will continue to evaluate the proposed detours for safety and convenience and public feedback to determine the best possible detour route. Your

		there. In addition, the traffic light at Suber and Bushy Creek does not have a left turn signal towards the high school, making 2 dangerous left turns for out teen driver. The South detour already has too much traffic and thus would not be a reasonable alternate for us.	feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Thomas A. Edwards	Greer	We need sidewalks, road widened, turning lanes in the middle of road.  Children from Riverside middle and high school walk on grass to and from school where there is no sidewalk and that is dangerous. People (some) fly down this road a lot, and that needs to stop. I hear them start at the Buncombe Road intersection and step on the gas wide open, very dangerous.	Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. While the funding and scope of the proposed project is only for the replacement of the bridge, the proposed bridge width will accommodate three lanes if a future project widens Hammett Bridge Road. Also, wider lanes and shoulders will be provided on the bridge approaches. The need for sidewalk on the south side of the road will continue to evaluated but the existing pedestrian bridge does provide access that is well protected from vehicular traffic. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Carol Morrow	Greer	When do they plan on repairing Suber Road?	Carol Morrow,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. Repairs to Suber Road are under contract and work will begin soon. Your feedback on the proposed project has been reviewed and added to the project record. We appreciate your interest and feedback on the proposed project.
Imogen e Mullina x	Greer	Need to widen the road to match the bridge and put sidewalks all the way to Buncombe Road.	Imogene Mullinax,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina.  SCDOT is proposing to replace the existing bridge structure to address the

Danielle Rement eria	Greer	Just a few concerns for the safety of the students using the walking bridge. Please keep equipment far enough or backed down to keep them safe. There are younger children who walk this path. Thank you.	functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. While the funding and scope of the proposed project is only for the replacement of the bridge, the proposed bridge width will accommodate three lanes if a future project widens Hammett Bridge Road. Also, wider lanes and shoulders will be provided on the bridge approaches. The need for sidewalk on the south side of the road will continue to evaluated but the existing pedestrian bridge does provide access that is well protected from vehicular traffic. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.  Danielle Rementeria,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. SCDOT will take all necessary precautions to ensure the safety of others before and during project construction with dedicated safety plans and procedures in place. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Phillip J. Prezestr zelski	Greer	I asked a question about how wide the restricted 2-lane bridge was going to be replaced with and he said only a 2-lane bridge. Why bother? On Hammett Bridge Road and	Phillip Prezestrzelksi,  Thank you for your comment on the proposed replacement of the S-23-94
		Suber Road, the traffic has increased many fold since I moved here 24 years ago. The new bridge should be at least 4 or 5 lanes to be at least comparable to the "new" bridge about a mile away which is over the Enoree River. You should also consider widening Hammett Bridge and Suber Road better than just the red-light intersections. As a historical note, my son, Jesse, was interviewed by am	bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. While the funding and scope of the proposed project is only for the replacement of the bridge, the proposed bridge width will accommodate three lanes if a future project widens Hammett Bridge Road. Also, wider lanes and

	home from Riverside High School. She asked him how he felt about the danger of walking across the "old" bridge was. He stated that it was "very dangerous". As I recall, it took the state or county about a year to erect a pedestrian bridge. What's going to happen to the pedestrian bridge?	sidewalk on the south side of the road will continue to evaluated but the existing pedestrian bridge does provide access that is well protected from vehicular traffic. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Edward Greer Ellswort h Clark Jr.	North detour is prefe	*Does not wish to receive response*
Timothy Kelly Greer	Project S-23-94 Bridge replacement near Riverside High School.  I work evenings so was unable to attend the meeting.  I saw the proposed bridge closing & detours.  My opinion & that of others won't matter, however I feel a full bridge closure will be a nightmare.  The implications to students, parents, commuters & the businesses in the plaza will be disastrous. I fear it will be the end of several businesses in the plaza.  And the shortest detour on less than ideal roads will be 2.7 miles.  I fear the additional traffic on these roads which are not built for the traffic they already get will be overwhelming. And both detours have traffic light access back to Suber road which will cause major delays.  Even a single lane detour would be less disruptive than a full road closure.	*Does not wish to receive response*

		I know your job is difficult in doing projects.	
		Thank you Tim Kelly	
Shelley Balding	Greer	I live in the Riverside Chase neighborhood, right near the S-23-94 Hammett Bridge Road Bridge over Suber Branch. I vote for the Build Alternate 1- on existing alignment. Just close it and keep the road straight. Also, please consider the bridge being wide enough for the possibility of expanding to three lanes in the future. Traffic is exploding in this area and we will eventually need a middle lane for turns, etc. Thank you for your time and hard work.	*Does not wish to receive response*
Ramon	Greer	S-23-94 This bridge connects Buncombe Road, SC Hwy. 14 and Suber Road via Hammett Bridge Road. Hammett Bridge Road continues to S. Batesville Road and Old Spartanburg Road, both routes to I-85 and downtown Greenville. In addition, 3 different schools are affected by this project. For local residents, this will increase flow on Suber Road. New businesses including a daycare center and Starbucks with a common entrance/exit on Suber have already affected local traffic. Between Riverside High and SC 14, Suber is a winding road with several blind curves. Exiting my neighborhood is near impossible during commute times now; it will only worsen during the project. There is also an old bridge between Gibbs Shoals Road and Hammett Bridge in a curve that floods with heavy rain that will have increased traffic. In my opinion, this bridge is a higher priority than the bridge on Hammett Bridge its replacement should be considered first. This project should be completed in the shortest possible time.	Ramon Parrish,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. SCDOT is evaluating both alternatives and detour routes to identify solutions that will address safety concerns and minimize inconvenience for commuters, residents, and the community. Your feedback on the proposed project and safety concerns has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Elizabet h	Greer	Referencing the Hammett Bridge Road bridge in Greer: I'm in favor of doing the full reconstruction (NOT using	*Does not wish to receive response*
Eldridge		the existing structure). Let's do it right and well even if it	

Moham mad Imran	Greer	might take longer, will be worth it for safer bridges. In favor of closing the road to allow the project to go faster, smoother, and safer for the workers. In my opinion, the best detour route would be the Brushy Creek route. I am NOT in favor of the Suber Road detour because Suber road has a low lying road going over a small creek and it is prone to flooding, the road is narrow, and the shoulder is very minimal. I worry about safety with even more people traveling this road. ((And I hope to see Suber road/bridge evaluated for replacement in the future.)) Additionally, the high school traffic being directed to the right (towards Brushy creek) will honestly make that section safer for a while. Thank you for what you do, and keep up the great work!  How long will it take to Replace the small bridge at Hammett Bridge Road between Riverside High & Riverside Middle Schools? Hope only few months or only	Mohammad Imran Muqri,  Thank you for your comment on the proposed replacement of the S-23-94
Muqri		a month to Replace it will be Great & awsome <sup>7</sup> , because have to go to work & so that way. Will there be a temporary Detour Roiute made? Can they make Bridge Wider like the other big Bridge on Hammett Bridge Road in Greer, SC & extra lanes?  Hope to hear soon.	bridge on Hammett Bridge Road in Greenville County, South Carolina.  SCDOT is evaluating two alternatives to determine the best option for replacing the bridge on Hammett Bridge Road, based on the alternative selected the roadway would be closed from 6 to 10 months. SCDOT is working to identify additional opportunities to reduce impacts to the local area and possibly reduce the length of road closures. Your feedback on the proposed project and safety concerns has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Thomas Riley	Greer	Hammett Bridge I would close and detour for the bridge construction, however i would also push for widening at the same time as it is far over due. I also recommend flashing lights at the crossings for Riverside Middle (hammett bridge entrance) and Riverside High (suber road crossing from parking lot to Riverside Baptist).	Thomas Riley,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. While the funding and scope of the proposed project is only for the replacement of

			the bridge, the proposed bridge width will accommodate three lanes if a future project widens Hammett Bridge Road. Also, wider lanes and shoulders will be provided on the bridge approaches. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Jeff Miller	Greer	RE: S-94 over over Trib. to Enoree River (Package 19) Our family would like to see option "Build Alternate 1- On Existing Alignment". The construction duration is less than Alt. #2, and Alt. #1offers the best alignment and least environmental impact. The new bridge should reflect the best solution after construction. Fortunately, there are two good alternatives for traffic detours and six months is not a long time for a bridge that will last approximately 50 years. The schools and subdivisions can easily be blocked from construction since there is no commercial or residential access close to the bridge. The bridge just West of this area was replaced several years ago with a longer construction duration and everybody lived through it!	Jeff Miller,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
9 <i>2</i> <sup>6</sup> ¢ Ŧ; ã <sup>66</sup>	NA	Dear Mr. Pitts,  We were unable to attend the Pubic Meeting on 7/11 due to travel. I have several questions.  1. The mailer shows S-94 map as the road over Hammett Bridge Road, but further information (under "Estimated Project Schedule") speaks of "All 8 bridges". The bridges on Dillard Road and Gibb Shoals are complete, so does one of the 8 bridges include Suber Road?  2. This is not a bridge or project question, but is there anything in the plans to put in a second Round-About at Dillard and Gibb Shoals intersection? The Round-About at Phillips Road and Gibb Shoals intersection is working well.	Bill McCall,  Thank you for your interest and comment on the proposed project. SCDOT is proposing the replacement of 8 bridges in Greenville and Pickens counties that are currently closed or load-restricted (CLRB). These 8 bridges are grouped together as Package 19 include S-23-94 on Hammett Bridge Road and S-23-41 on Gap Creek Road in Greer, S-23-40 (two bridges) and S-39-26 all on Pace Bridge Road in Marietta, S-23-102 on Keller Mill Road and S-23-310 on Crestwood Drive in Greenville, and S-39-32 on Shady Grove Road in Pickens. The public meeting on July 11, 2024 was for the proposed replacement of the S-23-94 bridge on Hammett Bridge Road, but SCDOT hosted a virtual meeting for members of the public to learn more and share feedback on all 8 bridges included in Package 19. Package 19 does not include a proposed project for a bridge on Suber Road. At this time SCDOT does not have a proposed project at

		We live in Greystone Cottages just off Dillard Road near Gibb Shoals and use these bridges and Round-About frequently.  Thank you,	the intersection of Dillard and Gibbs Shoals Roads. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Charise Ebersole	NA	Bill McCall  Hi Mr. Pitts! Thank you for taking time to consider comments from residents in the Greer area affected by the upcoming construction/repairs. I live in the Hammett Crossing subdivision. While we won't be severely affected by this closure, I am concerned about the increase in traffic turning left from Brushy Creek on to Suber Rd. There is currently no turning light for that side. I work in downtown Greer and always take Hammett Bridge home because of how backed up traffic can get on Brushy Creek from that light. Is adding a left turning light at Brushy Creek and Suber Rd something that will be considered if the project is truly going to take 1-2 years?  Again, thank you for your time. Hoping we can attend the meeting on the 11th.  Sincerely, Charise Ebersole,	Charise Ebersole,  The public meeting on July 11, 2024 was for the proposed replacement of the S-23-94 bridge on Hammett Bridge Road, but SCDOT hosted a virtual meeting for members of the public to learn more and share feedback on all 8 bridges included in Package 19. The 24 month construction duration was for all 8 bridges included in Package 19, but SCDOT is anticipating the construction and road closure for the S-23-94 bridge on Hammett Bridge Road would last between 6 to 10 months. However, SCDOT is working to identify additional opportunities to reduce impacts to the local area and possibly reduce the length of road closures. SCDOT is currently evaluating two alternatives to replace the bridge on Hammett Bridge Road and the proposed detours to minimize impacts to the local community and identify the best solution to ensure safety of commuters. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Jaime Benton	Taylor s	Michael- Please call to discuss how this project may have impacts on Riverside High School, Riverside Middle School and Woodland Elementary School. Thanks!Jaime	Jaime Benton,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. SCDOT is currently evaluating two alternatives to replace the existing bridge to identify the best solution for the community and is working to ensure that impacts to school operations are minimized. We will also work to

			schedule construction to avoid the school year if possible. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Patrici a A.	Greer	To Whom It May Concern:	Patricia Calder,
Calder		I have become aware of and studied the proposals recently presented for the proposed bridge project on Hammett Bridge Road - S-94 over Trib to Enoree River Detour Routes  I live in the RichGlen neighborhood which opens onto Henderson Circle and then Henderson Gap Road, and I drive the roads in this area often.  Although your proposed detour routes appear workable on maps, we all know that drivers will find and use their own, more direct detours. These will include using Henderson Circle and Henderson Gap Roads between Hammett Bridge and Brushy Creek, and Gibb Shoals Road between Rt. 14 and Suber Road. These detours would direct an unbelievable amount of additional traffic to roads not designed to hold it.  And, most critically, the intersection of Henderson Gap and Brushy Creek Roads is EXTREMELY dangerous, with only one stop sign. When coming out of Henderson Gap Road, one cannot see very far to the left on Brushy Creek, and the hill on that road keeps one from being able to safely make that turn in either direction onto Brushy Creek. It is a scary intersection already.  All of this being said, I ask that you please select the	Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on the proposed detour, Alternative 2, and the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
		option to build a new bridge next to the current one, thus	

		keeping Hammett Bridge Road open to traffic during construction.  Thank you for your consideration of this request.	
Ronnie Ramsey	NA	Hey, the detour using Tabernacle church rd to Brushy Creek Rd to Suber Rd is very dangerous. The intersection where Tabernacle and Brushy Creek is a low visibility area, especially turning left. Most locals avoid that tabernacle left turn onto brushy creek. I grew up 1/2 mile from tabernacle rd and know of several very bad accidents there. There's a ton of traffic that uses Hammett Bridge and Brushy creek outbound in the AM toward GVL and inbound in the evening. It would be a very dangerous situation to use this route as a detour. Try it yourself during rush hours, be careful making that left onto BC rd. Thanks,	Ronnie Ramsey,  Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. SCDOT is evaluating both alternatives and detour routes to identify solutions that will address safety concerns and minimize inconvenience for commuters, residents, and the community. Your feedback on the proposed project and safety concerns has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
Melaine Wall	NA	> Hello, > What is the time frame of project completion if traffic is detoured as opposed to keeping lanes open? This project will directly affect my drive to and from work so I'm leaning toward keeping lanes open. > Sincerely, Melanie Wall - Response to Michael: Hi Mr Pitts, Yes! I work at an elementary school and closure during the summer would be so much better! Otherwise I think keeping the lanes open would be a better option for me as a resident of Riverside Chase as my work, grocery store, commonly frequented businesses are in that direction (Lowes foods complex). If I take Buncombe to get to Brushy Creek as a detour, I'm not going to do a loop and go back buy groceries or eat at a restaurant, I'm just going to keep going to Wade Hampton and do my business. I'm sure those businesses will suffer if the lanes are closed- just food for thought. Thank you for	Michael responded 7/12/24: The alternates proposed show a 10 month construction duration for staging the construction (keeping both lanes open) and a 6 month duration if we closed and detour traffic. For closing and detouring, 6 months would be the maximum duration but based on a lot of feedback from the meeting last night SCDOT is going to investigate further if a contractor can handle the replacement in 3 months while school is out to be a much more benefit to everyone. We appreciate your feedback!  > Thank you!

		considering my input and thank you for your prompt	
		response. I appreciate it.	
		Sincerely,	
		Melanie Wall	
Jeff Miller	NA	Michael,	Jeff Miller,
		I noticed that the existing bridge has been repaired several times at the joints-between the top of the road and top of the bridge. While doing engineering consulting work in Augusta, GA I noticed that the state of Georgia uses expansion joints for similar size bridges.  Suggestion: Considering global warming, colder winters, higher maintenance costs and increased traffic you might want to consider (if you haven't already) installing engineered expansion joints on newly constructed bridges!	Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. SCDOT will design the bridge to meet current state standards based on projected future traffic volumes and truck percentages. Your feedback on the proposed project and safety concerns has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.
		Note: This bridge has significant tractor trailer and construction vehicular traffic. I live three houses back from Hammett Bridge road and experience this traffic every day.	
		Thanks, Jeff Miller 864-373-5056	

Public Meeting Summary



**Table 3**. Transcribed phone comments and SCDOT responses received for S-94

Name	Comment	
Rachel Mills	Ms. Mills called about the sign for the PIM and wasn't going to be in town. She mentioned being in favor of the bridge	
Racifei Mills	project and didn't care if it was closed or off alignment.	
Autumn	Ms. Autumn requested additional details of the PIM and mentioned she planned to attend.	
Jeff Miller	Mr. Miler wanted to raise a red flag of the sediment built up in the creek. RME for the area was called and the request	
Jen Miller	was made to investigate.	
Kyle Alexander	Mr. Alexander had questions about the bridge replacement but wasn't opposed to either option for construction.	
Louis Smith	Mr. Smith asked numerous questions on the timeline, delivery, etc. of the bridge replacement. He was in favor for	
Louis Silliul	whatever option finished the fastest.	
Thomas	omas Mr. Thomas worked for a construction company and wanted to know if a contractor had been picked.	
Dave	ve Mr. Dave asked the purpose of the PIM and once everything was discussed, he was in favor for the close and detour.	
Charles Elliet	Mr. Elliot asked what the PIM sign was for and was in favor of the project with no preference on the construction	
Charles Elliot	delivery method.	

Pitts, Michael E, louisebisop@att.net Nicole Weirich; McGoldrick, Will SCDOT Bridge Package 19 - Public Comment Response Friday, August 30, 2024 8:08:26 AM jmage001.ong From: To: Cc: Subject: Date:

Attach

External Email: Use caution when clicking on links, replying, or opening attachments.

Louise Bishop,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on Alternative 2 and the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA Alternative Delivery Program Manager

**0** 803.737.2566 **M** 803.413.9316 **E** pittsme@scdot.org

Pitts, Michael E, |ouisecamp016@gmail.com |Nicole Weirich; McGoldrick, Will SCDOT Bridge Package 19 - Public Comment Response |Friday, August 30, 2024 8:03:46 AM |mage001.ong From: To: Cc: Subject: Date:

Attachr

External Email: Use caution when clicking on links, replying, or opening attachments.

Francie Camp,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on the proposed detour, Alternative 2, and the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA
Alternative Delivery Program Manager
0 803.737.2566 M 803.413.9316 E pittsme@scdot.org

From: To: Cc: Subject: Date: jimsan82@att.net Nicole Weirich; McGoldrick, Will SCDOT Bridge Package 19 - Public Comment Response Friday, August 30, 2024 9:28:16 AM

Attachi image001.png

External Email: Use caution when clicking on links, replying, or opening attachments.

#### Sandi Franklin,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. While the funding and scope of the proposed project is only for the replacement of the bridge, the proposed bridge width will accommodate three lanes if a future project widens Hammett Bridge Road. SCDOT will continue to evaluate public comments to identify a build alternative and a detour route that meets project requirements and reflects public input. Your feedback on safety and traffic concerns has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA Alternative Delivery Program Manager

0 803.737.2566 M 803.413.9316 E pittsme@scdot.org

Pitts, Michael E. pwk1938@vahoo.com Nicole Weirich; McGoldrick, Will SCDOT Bridge Package 19 - Public Comment Response Friday, August 30, 2024 8:05:12 AM jmage001.ong From: To: Cc: Subject: Date:

Attach

External Email: Use caution when clicking on links, replying, or opening attachments.

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on Alternative 2 and the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thank you,



Michael E. Pitts, P.E., Assoc. DBIA Alternative Delivery Program Manager

**○** 803.737.2566 **M** 803.413.9316 **E** <u>pittsme@scdot.org</u>

From: To: Cc: Subject: Date: Pitts, Michael E.
Jose\_perein@hotmail.com
McGoldrick, Will; Nicole Weirich
SCDOT Bridge Package 19 - Public Comment Response
Friday, August 30, 2024 8:10:00 AM
image001.png

Attachi

External Email: Use caution when clicking on links, replying, or opening attachments.

Jose Pereiro Gonzalez,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA
Alternative Delivery Program Manager
0 803.737 2566

**○** 803.737.2566 **M** 803.413.9316 **E** pittsme@scdot.org

From: To: Cc: Subject: Date:

Pitts, Michael E.

Nicole Weirich; McGoldrick, Will

SCDOT Bridge Package 19 - Public Comment Response
Friday, August 30, 2024 8:12:00 AM
image001.png

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External Email: Use caution when clicking on links, replying, or opening attachments.

Richard & Sharlee Grzybowski,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. While the funding and scope of the proposed project is only for the replacement of the bridge, the proposed bridge width will accommodate three lanes if a future project widens Hammett Bridge Road. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



From: To: Cc: Subject: Date: Pitts, Michael E.
jeanniemcgriff51@qmail.com
Nicole Weirich; McGoldrick, Will
SCDOT Bridge Package 19 - Public Comment Response
Friday, August 30, 2024 8:12:50 AM
jmage001.png

Attachi

External Email: Use caution when clicking on links, replying, or opening attachments.

Jeannie McGriff,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA Alternative Delivery Program Manager

**0** 803.737.2566 **M** 803.413.9316 **E** pittsme@scdot.org

From: To: Cc: Subject: Date: Pitts, Michael E.

Scholar B.

Nicole Weirich; McGoldrick, Will

SCDOT Bridge Package 19 - Public Comment Response Friday, August 30, 2024 8:26:11 AM image001.png

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External Email: Use caution when clicking on links, replying, or opening attachments.

Janice Shirley,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and restore all bridge components to good condition. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA Alternative Delivery Program Manager

**0** 803.737.2566 **M** 803.413.9316 **E** pittsme@scdot.org

Pitts, Michael E. dick17308@gmail.com McGoldrick, Will; Nicole Weirich SCDOT Bridge Package 19 - Public Comment Response Friday, August 30, 2024 8:34:46 AM jmage001.ong From: To: Cc: Subject: Date:

Attach

External Email: Use caution when clicking on links, replying, or opening attachments.

Dick Falconer,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and restore all bridge components to good condition. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA Alternative Delivery Program Manager

**0** 803.737.2566 **M** 803.413.9316 **E** pittsme@scdot.org

From: To: Cc: Subject: Date: zuss. Nicnaet E.
jimbennett 1225@gmail.com
Nicole Weirich; McSoldrick. Will
SCDOT Bridge Package 19 - Public Comment Response
Friday, August 30, 2024 8:35:17 AM
jmage001.png

Attachi

External Email: Use caution when clicking on links, replying, or opening attachments.

Jim Bennett,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on the proposed project has been reviewed and logged in the project record. SCDOT will continue to evaluate the proposed detours for safety and convenience and public feedback to determine the best possible detour route. We appreciate your interest and feedback on the proposed project.

Thanks,



Pitts, Michael E. Iwmcqnff@hotmail.com Nicole Weirich; McLeod, Levi W. SCDOT Bridge Package 19 - Public Comment Response Friday, August 30, 2024 8:35:45 AM jmage001.ong From: To: Cc: Subject: Date:

Attachi

External Email: Use caution when clicking on links, replying, or opening attachments.

Larry McGriff,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA Alternative Delivery Program Manager

**0** 803.737.2566 **M** 803.413.9316 **E** pittsme@scdot.org

From: To: Cc: Subject: Date: Puts, nichaet E.
woodring0@yahoo.com
Nicole Weirich; McGoldrick, Will
SCDOT Bridge Package 19 - Public Comment Response
Friday, August 30, 2024 8:38:57 AM
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External Email: Use caution when clicking on links, replying, or opening attachments.

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. SCDOT will continue to evaluate the proposed detours for safety and convenience and public feedback to determine the best possible detour route. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



From: To: Cc: Subject: Date: https://dx.dec.com/licelewinds/agayahoo.com/li

Attachi image001.png

External Email: Use caution when clicking on links, replying, or opening attachments.

Thomas Edwards,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. While the funding and scope of the proposed project is only for the replacement of the bridge, the proposed bridge width will accommodate three lanes if a future project widens Hammett Bridge Road. Also, wider lanes and shoulders will be provided on the bridge approaches. The need for sidewalk on the south side of the road will continue to evaluated but the existing pedestrian bridge does provide access that is well protected from vehicular traffic. Your feedback on the proposed project has been reviewed and  $logged \ in \ the \ project \ record. \ We \ appreciate \ your \ interest \ and \ feedback \ on \ the \ proposed \ project.$ 

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA Michael E. Files, L., Martin Manager

2 0 Alternative Delivery Program Manager

0 803.737.2566 M 803.413.9316 E pittsme@scdot.org

From: To: Cc: Subject: Date: Puts, nichaet.c.
aconlonorows@mail.com
Nicole Weirich; McGoldrick, Will
SCDOT Bridge Package 19 - Public Comment Response
Friday, August 30, 2024 8:40:18 AM
image001.ong

Attachments:

External Email: Use caution when clicking on links, replying, or opening attachments.

Carol Morrow,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. Repairs to Suber Road are under contract and work will begin soon. Your feedback on the proposed project has been reviewed and added to the project record. We appreciate your interest and feedback

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA Alternative Delivery Program Manager

**0** 803.737.2566 **M** 803.413.9316 **E** pittsme@scdot.org

From: To: Cc: Subject: Date: Pitts, Michael E.
Michael E.
Scholle Weirich; McGoldrick, Will
SCDOT Bridge Package 19 - Public Comment Response
Friday, August 30, 2024 8:44:11 AM
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External Email: Use caution when clicking on links, replying, or opening attachments.

Danielle Rementeria,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace  $the \ existing \ bridge \ structure \ to \ address \ the \ functional \ and \ structural \ deficiencies, \ correct \ current \ load \ restrictions, \ and \ to \ restore \ all \ bridge \ components \ to \ good \ condition.$ SCDOT will take all necessary precautions to ensure the safety of others before and during project construction with dedicated safety plans and procedures in place. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thank you,



From: To: Cc: Subject: Date: Pip. Phd@belisouth.net Nicole Weirich; McGoldrick, Will SCDOT Bridge Package 19 - Public Comment Response Friday, August 30, 2024 8:46:39 AM

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External Email: Use caution when clicking on links, replying, or opening attachments.

#### Dr. Phillip Prezestrzelksi,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. While the funding and scope of the proposed project is only for the replacement of the bridge, the proposed bridge width will accommodate three lanes if a future project widens Hammett Bridge Road. Also, wider lanes and shoulders will be provided on the bridge approaches. The need for sidewalk on the south side of the road will continue to evaluated but the existing pedestrian bridge does provide access that is well protected from vehicular traffic. Your feedback on the proposed project has been reviewed and  $logged \ in \ the \ project \ record. \ We \ appreciate \ your \ interest \ and \ feedback \ on \ the \ proposed \ project.$ 

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA Alternative Delivery Program Manager

0 803.737.2566 M 803.413.9316 E pittsme@scdot.org

From: To: Cc: Subject: Date: Pitts, Michael E.

McGoldrick, Will; Nicole Weirich

SCDOT Bridge Package 19 - Public Comment Response
Friday, August 30, 2024 8:47:40 AM
image001.png

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External Email: Use caution when clicking on links, replying, or opening attachments.

Ramon Parrish,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. SCDOT is evaluating both alternatives and detour routes to identify solutions that will address safety concerns and minimize inconvenience for commuters, residents, and the community. Your feedback on the proposed project and safety concerns has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA
Alternative Delivery Program Manager

0 803.737.2566 M 803.413.9316 E pittsme@scdot.org Facilitating SUCCESS 955 Park Street, P.O. Box 191, Columbia, SC 29202-0191

From: To: Cc: Subject: Date: Puts, nichaet.r.
muari,imran2@cmail.com
Nicole Weirich; McGoldrick, Will
SCOD Bridge Package 19 - Public Comment Response
Friday, August 30, 2024 8:52:27 AM
image001.ong

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External Email: Use caution when clicking on links, replying, or opening attachments.

Mohammad Imran Muqri,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is evaluating two alternatives to determine the best option for replacing the bridge on Hammett Bridge Road, based on the alternative selected the roadway would be closed from 6 to 10 to 10months. SCDOT is working to identify additional opportunities to reduce impacts to the local area and possibly reduce the length of road closures. Your feedback on the proposed project and safety concerns has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



From: To: Cc: Subject: Date: Thomasmriley@gmail.com
Nicole Weirich; McGoldrick, Will
SCDOT Bridge Package 19 - Public Comment Response
Friday, August 30, 2024 8:54:53 AM

Attachi image001.png

External Email: Use caution when clicking on links, replying, or opening attachments.

Thomas Riley,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. While the funding and scope of the proposed project is only for the replacement of the bridge, the proposed bridge width will accommodate three lanes if a future project widens Hammett Bridge Road. Also, wider lanes and shoulders will be provided on the bridge approaches. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA Alternative Delivery Program Manager

Facilitating SUCCESS 955 Park Street, P.O. Box 191, Columbia, SC 29202-0191

Pitts, Michael E. merlin3508@aol.com Nicole Weirich; McGoldrick, Will SCDOT Bridge Package 19 - Public Comment Response Friday, August 30, 2024 8:55:54 AM jmage001.ong From: To: Cc: Subject: Date:

Attach

External Email: Use caution when clicking on links, replying, or opening attachments.

Jeff Miller,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA Alternative Delivery Program Manager

**0** 803.737.2566 **M** 803.413.9316 **E** pittsme@scdot.org

Micole Weirich; McGoldrick, Will
SCDOT Bridge Package 19 - Public Comment Response
Friday, August 30, 2024 8:56:47 AM

Date:

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Bill McCall,

Thank you for your interest and comment on the proposed project. SCDOT is proposing the replacement of 8 bridges in Greenville and Pickens counties that are currently closed or load-restricted (CLRB). These 8 bridges are grouped together as Package 19 include S-23-94 on Hammett Bridge Road and S-23-41 on Gap Creek Road in Greer, S-23-40 (two bridges) and S-39-26 all on Pace Bridge Road in Marietta, S-23-102 on Keller Mill Road and S-23-310 on Crestwood Drive in Greenville, and S-39-32 on Shady Grove Road in Pickens. The public meeting on July 11, 2024 was for the proposed replacement of the S-23-94 bridge on Hammett Bridge Road, but SCDOT hosted a virtual meeting for members of the public to learn more and share feedback on all 8 bridges included in Package 19. Package 19 does not include a proposed project for a bridge on Suber Road. At this time SCDOT does not have a proposed project at the intersection of Dillard and Gibbs Shoals Roads. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA 210 Alternative Delivery Program Manager 0 803.737.2566 M 803.413.9316 E pittsme@scdot.org 955 Park Street, P.O. Box 191, Columbia, SC 29202-0191 From: To: Cc: Subject: Date: reguldinger@gmail.com Nicole Weirich; McGoldrick, Will SCDOT Bridge Package 19 - Public Comment Response Friday, August 30, 2024 8:57:28 AM

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External Email: Use caution when clicking on links, replying, or opening attachments.

#### Charise Ebersole,

The public meeting on July 11, 2024 was for the proposed replacement of the S-23-94 bridge on Hammett Bridge Road, but SCDOT hosted a virtual meeting for members of the public to learn more and share feedback on all 8 bridges included in Package 19. The 24 month construction duration was for all 8 bridges included in Package 19, but SCDOT is anticipating the construction and road closure for the S-23-94 bridge on Hammett Bridge Road would last between 6 to 10 months. However, SCDOT is working to identify additional opportunities to reduce impacts to the local area and possibly reduce the length of road closures. SCDOT is currently evaluating two alternatives to replace the bridge on Hammett Bridge Road and the proposed detours to minimize impacts to the local community and identify the best solution to ensure safety of commuters. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA
Alternative Delivery Program Manager
0 803.737.2566 M 803.413.9316 E pittsme@scdot.org

Pitts, Michael E. pcalder55@gmail.com Nicole Weirich; McGoldrick, Will SCDOT Bridge Package 19 - Public Comment Response Friday, August 30, 2024 9:01:37 AM jmage001.ong From: To: Cc: Subject: Date:

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External Email: Use caution when clicking on links, replying, or opening attachments.

Patricia Calder,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on the proposed detour, Alternative 2, and the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thank you,



From: To: Cc: Subject: Date: Puts, inchaet E.
ramseysretreat@gmail.com
Nicole Weirich; McGoldrick, Will
SCDOT Bridge Package 19 - Public Comment Response
Friday, August 30, 2024 9:02:09 AM
image001.ong

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External Email: Use caution when clicking on links, replying, or opening attachments.

Ronnie Ramsey,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. SCDOT is evaluating both alternatives and detour routes to identify solutions that will address safety concerns and minimize inconvenience for commuters, residents, and the community. Your feedback on the proposed project and safety concerns has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA
Alternative Delivery Program Manager

0 803.737.2566 M 803.413.9316 E pittsme@scdot.org Facilitating SUCCESS 955 Park Street, P.O. Box 191, Columbia, SC 29202-0191

From: Melanie Wall

To: Pitts, Michael E.

Subject: Re: Suber bridge project

Date: Friday, July 12, 2024 8:33:29 AM

\*\*\* This is an EXTERNAL email. Please do not click on a link or open any attachments unless you are confident it is from a trusted source. \*\*\*

#### Hi Mr Pitts,

Yes! I work at an elementary school and closure during the summer would be so much better! Otherwise I think keeping the lanes open would be a better option for me as a resident of Riverside Chase as my work, grocery store, commonly frequented businesses are in that direction (Lowes foods complex). If I take Buncombe to get to Brushy Creek as a detour, I'm not going to do a loop and go back buy groceries or eat at a restaurant, I'm just going to keep going to Wade Hampton and do my business. I'm sure those businesses will suffer if the lanes are closed-just food for thought. Thank you for considering my input and thank you for your prompt response. I appreciate it. Sincerely,

Melanie Wall

```
> On Jul 12, 2024, at 7:52 AM, Pitts, Michael E. <PittsME@scdot.org> wrote: > 
> Good Morning Ms. Wall -
```

> The alternates proposed show a 10 month construction duration for staging the construction (keeping both lanes open) and a 6 month duration if we closed and detour traffic. For closing and detouring, 6 months would be the maximum duration but based on a lot of feedback from the meeting last night SCDOT is going to investigate further if a contractor can handle the replacement in 3 months while school is out to be a much more benefit to everyone. We appreciate your feedback!

```
> Thank you!
> Michael E. Pitts, P.E., Assoc. DBIA
> Alternative Delivery Program Manager
> O 803.737.2566 M 803.413.9316 E pittsme@scdot.org
>
>
>
>
>
> 955 Park Street, P.O. Box 191, Columbia, SC 29202-0191
>
>
> -----Original Message-----
> From: Melanie Wall <melaniewall18@hotmail.com>
> Sent: Thursday, July 11, 2024 7:52 PM
> To: Pitts, Michael E. < PittsME@scdot.org>
> Subject: Suber bridge project
```

>
> *** This is an EXTERNAL email. Please do not click on a link or open any attachments unless you are confident
it is from a trusted source. ***
>
>
>
> Hello,

- > What is the time frame of project completion if traffic is detoured as opposed to keeping lanes open? This project will directly affect my drive to and from work so I'm leaning toward keeping lanes open.
- > Sincerely, > Melanie Wall

Pitts, Michael E. merlin3508@aol.com Nicole Weirich; McGoldrick, Will SCDOT Bridge Package 19 - Public Comment Response Friday, August 30, 2024 8:55:54 AM jmage001.ong From: To: Cc: Subject: Date:

Attach

External Email: Use caution when clicking on links, replying, or opening attachments.

Jeff Miller,

Thank you for your comment on the proposed replacement of the S-23-94 bridge on Hammett Bridge Road in Greenville County, South Carolina. SCDOT is proposing to replace the existing bridge structure to address the functional and structural deficiencies, correct current load restrictions, and to restore all bridge components to good condition. Your feedback on the proposed project has been reviewed and logged in the project record. We appreciate your interest and feedback on the proposed project.

Thanks,



Michael E. Pitts, P.E., Assoc. DBIA Alternative Delivery Program Manager

**0** 803.737.2566 **M** 803.413.9316 **E** pittsme@scdot.org

#### SCDOT CLRB Package 19 (S-94)

Public Meeting Summary



Appendix A: Sign-in Sheets



Greeville County • 07/11/2024 • **Riverside Baptist Church** 1249 S. Suber Road, Greer, SC 29650

Sign In Form

Jigii ii	FOITH
Name (please print)	Address (please print)
Jessica Stoelting	311 Glencreit Ct.
Susan Garrison	206 Glenrise Ct. Greet
Caros Morrow	101 Wildes Ct. Green:
SCOTT GAZZUSON	206 GLENRISE CT GREEK
PHILLIP J. ARRESTRZELSKI	420 HAMMETT BRIDGE RD.
Adam Vidalis, City of Green	113A Berry Avenue, Green
JEFFREY A. MILLER	101 RIVERSIDO CHASE CAR,
Phoebe Miller	TI II
Janua Shejley	101 Fawhorook Dr Greev 2965
JERRY BASAK	805 SHANDWICK YE 29656
Daniele Remerteria	306 Riverside Chase Cir. 29658
Jeannie McDinff	201 Rich Glen Way 29654
Law WME Hall	11 (5 11 15 17
Dosal Whitsou	105 Lismore PKDR
Belle Cop Muado	305 Riverside Chase Cr.





Greeville County • 07/11/2024 • **Riverside Baptist Church** 1249 S. Suber Road, Greer, SC 29650

Sign In Form

Name (please print)	Address (please print)	
William Crare	1641 + 1645 Gelf Shoot Pd1	
Amy Proestruelski	420 Hummett Bridge Rd. Green, SC 2950	
MULLIN SMITH	147 FRUEDISCH D GREEN IR 2885E	
Richard & Shalle Yzyloniski	131 Glenaire Dr. Grey SC	
Byron Morrell	348 Riverside Chase Gr Green	SC
Joni Bentell	705 Cannarache Dr. Greag Sc	
Sandi Tranklin	160 Grenden Circle, Freez, 55	
Shen Dogans	205 Ashler Dr Grear X	
Bigalow 00	JOG ELBEDR, GREER, SE 29450	
Steve Root	110 corde Grove et. 6 reon 290	500
Jim Bennetl	101 Yellow Fox Rd Grass	
Joseph Grant	100 Lismone Park Dr Green 2965	b
Thomas A. Elwords	208 Hammett Br. al. Dren	
Paul Naurtu	9 AM BRUSETR CREEK SC.	
Darl King	4 TATUMLN GREER	





Greeville County • 07/11/2024 • **Riverside Baptist Church** 1249 S. Suber Road, Greer, SC 29650

Sign In Form

Name (please print)	Address (please print)
Shelley Balding	6 Ivy Springs Dr.
Imogene Mullinay	205 Mulling Dr
Francie Camp	2405 marlettet.
Robert Sta	1720 Fortan Dr.
Edward Grant Ley	103 Constantine Way
THOMAS RILEY	122 GLENCREEK Dr
Elizabeth Eldridge	219 Highgate Cir.
Dangielle Gagneaux	
Bryan Welds	120 Freeman Budge Rd
Sew Week	- TET
NILESH, R. BHAVSAL	Vor Abacan Ch., Gran
David Winkles	104 Marsh Spring Ct
Kustua Wagnes	516 Lorgview Terrace
Yourse Bishop	207 Reversible Chase Co
Ryss Rowland	4 Tuy Springs Drive





Greeville County • 07/11/2024 • **Riverside Baptist Church** 1249 S. Suber Road, Greer, SC 29650

Sign In Form

Name (please print)	Address (please print)
Jose Pereira	1 Watkins Cir Taylors SC 2968)
Ramon & Many Anne Parriet	31 River Birch Way Green
	THE ASSESSMENT OF THE PARTY OF
	MANAGE AND THE STATE OF THE STA
	BEEF AST
The state of the s	
OK	K, LE



#### SCDOT CLRB Package 19 (S-94)

Public Meeting Summary



Appendix B: Demographic Forms

Completing this form is **strictly voluntary and anonymous.** You are not required to provide the information requested in order to participate in this meeting. Completing this form will only assist SCDOT with our Title VI data collection, and also improve the way we serve our public.

All forms will remain on file at SCDOT

County Name:       Spartanburg         Street Address (i.e. 123 Main Street)         2H65 Marleff (±, Green)         Total Household Income:         □ Less than \$12,000 □ \$47,000 − \$69,999         □ \$12,000 − \$19,999 □ \$70,000 − \$93,999         □ \$20,000 − \$30,999 □ \$94,000 − \$117,999         □ \$31,000 − \$46,999 □ \$118,000 or greater	Gender You Identify As:  Male Female Non-binary  Age Group: Less than 18 45-64 18-29 65 and older 30-44  Do You Have a Disability? Yes No
Did You Request Special Accommodations For This Meeting?  ☐ Yes ☐ No	If Yes, Were The Accommodations Received? ☐ Yes ☐ No
Race/Ethnicity You Identify As:  White Black/African American Asian American Indian/Alaskan Native Native Hawaiian/Pacific Islander Hispanic/Latino/Spanish Other (please specify):  "What is Title VI? Based on Title VI of the Civ	How Did You Hear About This Meeting?    Mailing   Internet   Facebook   School Handout   Faith Based Organization   Flyer   Newspaper   Postcard   Newspaper   Radio Advertisement   Local News   Community Organization   Other (please specify):



Completing this form is **strictly voluntary and anonymous.** You are not required to provide the information requested in order to participate in this meeting. Completing this form will only assist SCDOT with our Title VI data collection, and also improve the way we serve our public.

All forms will remain on file at SCDOT

than 18 45-64 65 and older Have a Disability?
Were The Accommodations ed? ☐ No
id You Hear About This g? ng net book ol Handout Based Organization spaper sard spaper o Advertisement News
vs tc



Completing this form is **strictly voluntary and anonymous**. You are not required to provide the information requested in order to participate in this meeting. Completing this form will only assist SCDOT with our Title VI data collection, and also improve the way we serve our public.

All forms will remain on file at SCDOT

Total Household Income:       □ 18         □ Less than \$12,000       □ \$47,000 – \$69,999       □ 30         □ \$12,000 – \$19,999       □ \$70,000 – \$93,999       □ Do 30         □ \$20,000 – \$30,999       □ \$94,000 – \$117,999       □ Y         □ \$31,000 – \$46,999       □ \$118,000 or greater       □ Y	ess than 18  45-64 8-29
Did You Request Special Accommodations If Ye	
For This Meeting?	es, Were The Accommodations eived? Yes
White  □ Black/African American □ Asian □ American Indian/Alaskan Native □ Native Hawaiian/Pacific Islander □ Hispanic/Latino/Spanish □ Other (please specify): □ Note  □ Not	v Did You Hear About This eting? lailing Internet lacebook Internet lacebook Internet lacebook Internet lacebook Internet Interne



Completing this form is **strictly voluntary and anonymous**. You are not required to provide the information requested in order to participate in this meeting. Completing this form will only assist SCDOT with our Title VI data collection, and also improve the way we serve our public.

All forms will remain on file at SCDOT

Street Address (i.e. 123 Main Street)  204 EUSE DDWE, GDSER	Gender You Identify As:  ☑ Male ☐ Female ☐ Non-binary
Total Household Income:  ☐ Less than \$12,000 ☐ \$47,000 – \$69,999 ☐ \$12,000 – \$19,999 ☐ \$70,000 – \$93,999 ☐ \$20,000 – \$30,999 ☐ \$94,000 – \$117,999 ☐ \$31,000 – \$46,999 ☐ \$118,000 or greater	Age Group:  Less than 18  45-64  18-29  55 and older  30-44  Do You Have a Disability?  Yes V No
Did You Request Special Accommodations For This Meeting?  ☐ Yes ☐ No	If Yes, Were The Accommodations Received? ☐ Yes ☐ No
Race/Ethnicity You Identify As:  White Black/African American Asian American Indian/Alaskan Native Native Hawaiian/Pacific Islander Hispanic/Latino/Spanish Other (please specify):	How Did You Hear About This  Meeting?  Mailing Internet Facebook School Handout Faith Based Organization Flyer Newspaper Postcard Newspaper Radio Advertisement Local News Community Organization SIGNAGE  Other (please specify):



Completing this form is **strictly voluntary and anonymous.** You are not required to provide the information requested in order to participate in this meeting. Completing this form will only assist SCDOT with our Title VI data collection, and also improve the way we serve our public.

All forms will remain on file at SCDOT

Street Address (i.e. 123 Main Street)	Gender You Identify As:  ☑ Male ☐ Female ☐ Non-binary
Total Household Income:  □ Less than \$12,000 □ \$47,000 - \$69,999 □ \$12,000 - \$19,999 □ \$70,000 - \$93,999 □ \$20,000 - \$30,999 □ \$94,000 - \$117,999 □ \$31,000 - \$46,999 □ \$118,000 or greater	Age Group:  Less than 18
Did You Request Special Accommodations For This Meeting?  ☐ Yes ☑ No	If Yes, Were The Accommodations Received? ☐ Yes ☐ No
Race/Ethnicity You Identify As:    White   Black/African American   Asian   American Indian/Alaskan Native   Native Hawaiian/Pacific Islander   Hispanic/Latino/Spanish   Other (please specify):	How Did You Hear About This  Meeting?    Mailing   Internet   Facebook   School Handout   Faith Based Organization   Flyer   Newspaper   Postcard   Newspaper   Radio Advertisement   Local News   Community Organization   Other (please specify): Sign on Radiod



Completing this form is **strictly voluntary and anonymous**. You are not required to provide the information requested in order to participate in this meeting. Completing this form will only assist SCDOT with our Title VI data collection, and also improve the way we serve our public.

All forms will remain on file at SCDOT

County Name:	
Excerville	Gender You Identify As:
Street Address (i.e. 123 Main Street)	☐ Male ☐ Female ☐ Non-binary
201 Rich Glen Way	Age Group:
Greev	Less than 18 45-64
Total Household Income:	☐ 18-29 ☐ 65 and older
☐ Less than \$12,000 ☐ \$47,000 – \$69,999	30-44
☐ \$12,000 <b>-</b> \$19,999 ☐ \$70,000 <b>-</b> \$93,999	
☐ \$20,000 <b>-</b> \$30,999 ☐ \$94,000 <b>-</b> \$117,999	Do You Have a Disability?
☐ \$31,000 – \$46,999 ☐ \$118,000 or greater	☐ Yes ☑ No
Did You Request Special Accommodations	If Yes, Were The Accommodations
For This Meeting?	Received?
	Yes No
☐ Yes ☑ No	
Bood/Ethnisita Vou Idontifu Acc	Here Did Very Hear About This
Race/Ethnicity You Identify As:  White	How Did You Hear About This Meeting?
	Mailing
Black/African American	Internet
Asian	Facebook
American Indian/Alaskan Native	School Handout
Native Hawaiian/Pacific Islander	Faith Based Organization
Hispanic/Latino/Spanish	Flyer
Other (please specify):	Newspaper
	Postcard
	☐ Newspaper
	Radio Advertisement
	Local News
	☐ Community Organization
	Other (please specify): Roan Sign
"What is Title VI? Based on Title VI of the Ci	vil Rights Act, FHWA's Title VI Program
	or, national origin, sex, age, and disability."



Completing this form is **strictly voluntary and anonymous.** You are not required to provide the information requested in order to participate in this meeting. Completing this form will only assist SCDOT with our Title VI data collection, and also improve the way we serve our public.

All forms will remain on file at SCDOT

Street Address (i.e. 123 Main Street)	Gender You Identify As:  ☐ Male ☐ Female ☐ Non-binary
Total Household Income:  ☐ Less than \$12,000 ☐ \$47,000 – \$69,999 ☐ \$12,000 – \$19,999 ☐ \$70,000 – \$93,999 ☐ \$20,000 – \$30,999 ☐ \$94,000 – \$117,999 ☐ \$31,000 – \$46,999 ☐ \$118,000 or greater	Age Group:  Less than 18  45-64  18-29  65 and older  30-44  Do You Have a Disability?  Yes No
Did You Request Special Accommodations For This Meeting?  ☐ Yes ☑ No	If Yes, Were The Accommodations Received?  Yes No
Race/Ethnicity You Identify As:  White Black/African American Asian American Indian/Alaskan Native Native Hawaiian/Pacific Islander Hispanic/Latino/Spanish Other (please specify):	How Did You Hear About This Meeting?    Mailing   Internet   Facebook   School Handout   Faith Based Organization   Flyer   Newspaper   Postcard   Newspaper   Radio Advertisement   Local News   Community Organization   Other (please specify): Signs on



#### SCDOT CLRB Package 19 (S-94)

Public Meeting Summary



Appendix C: Comment Forms



**Public Involvement** 

SCDOT appreciates your participation and involvement in this project. Your thoughts and comments are important to us!

**Contact Information:** 

Name:	SANDI FRANKLIN
Phone Number:	864-609-1793
Email Address:	iimsan820 att-not
Street Address:	160 GRINDERS CIRCLE, GREER, 50 29650
Interest in this P	Project (Please check one):
Business Owner	Community Group Resident/Property Owner \( \)
Roadway Traveler_	
	any comments or questions below:
#1- BUILD	ATTERNATE 1, 15 PREFERABLE - SHECTED PERIOD FOR TRAFFIC TO BE AFFECTED;
But /	BOTH ALTERNATIVES ARE SHORT- SKEHTED: CONSIDERING RIVERSIDE HIGH SCHOOL GROWTH
AT 5	WEER KOAD END & CONTINUOUS NEW CONSTRUCTION AT PRINCOMBE ROAD END, THE
REPL.	ACRMENT BRINGE SHOULD BE 3 LANES TO PROVIDE A TURNLAND ON AN ALREADY- LEFT ILY TRAVELLED BORD (INSL. BUSES TURNING INTO SCHOOL PROPERTY. OTHERWISE,
	ETT BRINGE ROAD WILL FOREVER BE LIMITED TO 2 LANES.
	THE DETOUR ROUTE, ALYSTO LONIGER, IS DEFINITELY PREFERABLE. ROADS ARE
	A BETTER SUITED TO HANDLE THE ADDITIONAL TRAFFICE & MUCH STIFER. SOUTH
	UZ ROUTE ALREADY HAS A DANGEROUS ALMOST HAIRPIN/IL - TURN, IS VERY
NARR	COW TAVEMENT IN STRETCHES. & PASSES A SCHOOL & INVOLVES AN
	ADY SHEFT - FRE SIGHT- LIMITED INTERSECTION (GIBBS SHOALS ROAD).
	SCPST .





**Public Involvement** 

SCDOT appreciates your participation and involvement in this project. Your thoughts and comments are important to us!

**Contact Information:** 

Name:	Francie Camp
Phone Number:	864-448-944
Email Address:	louise camp 610 a gincil. com
Street Address:	2405 Marlett Ct Green
Interest in this P	Project (Please check one):
Business Owner	Community Group Resident/Property Owner_X
Roadway Traveler_	
Please provide a	any comments or questions below:
	Alternative 2 with the Road remaining open during
construction	n. I live south of the airport (GSP) and prefor
	- Bridge Road to 14 as a route to points north
	traffic on 14 near the airport area is much faster
1 .	e posted speed, many trucks, tailgating + a let
	safe lane changing - ) the defour along Suber +
	St. is not a good route, and Suber in general is
	reffered preferred road. I have lived with a
	completely closed due to construction within 1/2 mile
of me	, home - it was an auxful daily in convenience - I do
not rece	ommend it for the residents near this project. I
	making construction so that in & the future a
	lane will be possible.





Public Involvement

Contact Informa	tion:
Name:	- PAUL KING
Phone Number:	864 735 4077
Email Address:	PWK1938@ YAHOO, COM
Street Address:	4 TATUM LN GREER SC 29656
Interest in this P	roject (Please check one):
Business Owner L	Community Group Resident/Property Owner
Roadway Traveler_4	
Please provide a	ny comments or questions below:
Bu	ILD ALTERNATE Z KEEP TRAFFIC MOVING
	BUILD HALF OF BRIDGE ALONGSIDE OLD ONE
-	A ADD TWO LANES BETWEEN SCHOOLS
2	. REMOVE OLD BRIDGE AND BUILD NEW BRIDGE
5	
£	
-	THIS WORKS BEST
15	
·	





**Public Involvement** 

Contact Information:		
Name: Louise Askan		
Phone Number: 864-414-9893		
Email Address: 1041se Dishow att, 1et		
Street Address: 207 Riverside Chase Circle		
Interest in this Project (Please check one):		
Business Owner Community Group Resident/Property Owner_		
Roadway Traveler		
Please provide any comments or questions below:		
Buld Alternative 2		
Stagod		
- reger		
Do not want to drive a detour		
every day		





**Public Involvement** 

<b>Contact Informa</b>	tion:
Name:	Jose Pereira Gonzalez
Phone Number:	864-553-8689
Email Address:	Jose- pereira @ hotmail. com
Street Address:	1 Watkins Cir Taylors SC 29687
Interest in this P	roject (Please check one):
Business Owner	Community Group Resident/Property Owner
Roadway Traveler_	
Please provide a	ny comments or questions below:
I prefer	of the south detour because the
High si	chool make a lot of trafic jam. The
School (	
inclese	
but th	scDoT need coordinate with the
School	s directions. At the moment we can
be s	tock in the traffic jam for 10 min.
77 0-	eSDOT Find the efficiente way I don't
care.	But pleases verify the traffic
behabi	behavior before create a mess in the
area.	Thank you for the public Auddence.





**Public Involvement** 

<b>Contact Information:</b>	
Name: Phone Number:	
Email Address:	
Street Address:	
Interest in this Projec	ct (Please check one):
Business Owner	Community Group Resident/Property Owner
Roadway Traveler	
Please provide any co	omments or questions below:
MOST OF THE Q	OADS ARG IN BAD SHAPE & NGGO LOT OF REDAIRS
- AF162 GACH	LAINY DAY, 17 11 A BIG SAFETY CONCERN.
SUBER ROAD	
HAMMETT BLID	AL ROAD
NORD INFARGARU	CTURG TO KGG UD WITH POPULATION GROWTH
ON 71119 2 201	195
LOT OR 060816	DRG MOVING MORE OR MAVE MOVED RECENTLY
THANK YOU	





**Public Involvement** 

<b>Contact Informa</b>	
Name:	Richard & Sharlee Grzybowski
Phone Number:	117-644-4790
Email Address:	rich grzy@ attonet
Street Address:	131 Glenaire Dr., Greer SC 29650
Interest in this P	roject (Please check one):
Business Owner	Community Group Resident/Property Owner_X_
Roadway Traveler_	_
Please provide a	ny comments or questions below:
We wo	ould prefer you close the want to build
the W	ridge.
Hamme	the Bridge Rd. has become a very
Ynoy.	road & especially during school hours.
We	feel Hammett Bridge Rd. should
have	e a center lane you turning &
side	walks from Suber Rd. Soun to
S. Bur	combe Rd- We live in Rich Glen
sul-a	livision of making a left turn is
dans	erous + difficult especially during
schi	sol traffic.
·	VV





Public Involvement

Contact Informa	tion:
Name:	Segnie McGriff
Phone Number:	864-872-4222
Email Address:	jeannie migist 5/0 gmail.
Street Address:	201 Rich Glen Wax Greer SC
Interest in this P	roject (Please check one):
Business Owner	Community Group Resident/Property Owner
Roadway Traveler_	
Please provide a  As President As	retiree, there are many hours of the day when ate the short drive to the Lower growing store.  Those times. We avoid morning and we have those times on Hammet Bridge Road.
0 (	J Vo
- Than	k you for the opportunity to express my opinion
No.	
<del></del>	





**Public Involvement** 

Contact Informa	ation:
Name:	Janice Shirley
Phone Number:	364 979-2394
Email Address:	eitshirley@gmail.com
Street Address:	101 Fawnbrook Dr Riverside Chase Subdiv
Interest in this	Project (Please check one):
Business Owner	Community Group Resident/Property Owner_1/
Roadway Traveler	
Please provide	any comments or questions below:
	during summer months when
	of is out if possible
00.00	out it possible
120-60	na construction at one time no
1	porary bridge
Either	detour works for me
Con	sider.
Please 1.2	xtending sidewalks on Hammett
Bridge	all the way to South Bouncombe Rd
at leas-	t on one side for school kids living
Rich Gle	enn Sabdiv)
	I hank you for having meeting



Public Involvement

Contact Informa	tion:
Name:	DICK FALCONER
Phone Number:	843 367 1618
Email Address:	DICK17308 & GMAIL. COM
Street Address:	JOG ELISE DEWE
Interest in this P	roject (Please check one):
Business Owner	Community Group Resident/Property Owner_
Roadway Traveler_	
PREFER Sa	Iny comments or questions below:  IFF DETAIL  ID ALTERNATE
-	
<del>*************************************</del>	



Public Involvement

Contact Informati	on:	
Name:	Jim Bennett	
Phone Number: _	864.236.2177	
Email Address:	Jimbennett 12250	g mail.com
Street Address:	101 Yellow Fox Rd	Greer SC 29650
Interest in this Pr	oject (Please check one):	
Business Owner	Community Group	Resident/Property Owner_
Roadway Traveler_		
Please provide an	y comments or questions belo	ow:
The propos	ed south detour seems	problematic for at least
two reasons		
1) There 1.	s a hairpin curve that	descends from both directions
into a	bridge at the curve.	This has been resulted in
proble	ms with the increased	traffic from the population growth
in the	area. This might signific:	antly increase the risk.
2) The pr	oposed south detour wo	ould include the intersection at
Woodla	nd elementary school. T	The combination of the start of
the s	chool day and worked	ay aready creates significant
gridi	ock at this intersection	This would certainly amplify the
proble	em were additional ve	The combination of the start of ay already creates significant.  This would certainly amplify the chicles funneled this direction.



Public Involvement

Contact Information: $\lambda A = 0$
Name: LARRY Mc GRIFF
Phone Number: 864-444-0031 cell
Email Address: /wmcgriff@hotmarl.com
Street Address: 201 RichGlen Way, Green, SC 29650
Interest in this Project (Please check one):
Business Owner Community Group Resident/Property Owner
Roadway Traveler_X
Please provide any comments or questions below:
I prefer Alternate 2 even though it would
I prefer Alternate 2 even though it would extend construction time. I use this portion of
Hammett Bridge Road essentially every day and
smetmes several times A day
I am excited to see this project proceed. The
existing bridge seems to be a traffic "choke point"
during busy time & drivers tend to speed coming down
the hill from either direction.





**Public Involvement** 

SCDOT appreciates your participation and involvement in this project. Your thoughts and comments are important to us!

**Contact Information:** 

Name:	Jessica Stoelting
Phone Number:	716-572-1246
Email Address:	jwoodring OD @ gahoo.com
Street Address:	311 Glentest (+ Green SC29650
Interest in this F	Project (Please check one):
Business Owner	Community Group Resident/Property Owner
Roadway Traveler_	
Please provide a	any comments or questions below:
mypreter	ence is to & NOTto close the road way as we live
on the oth	erride of the middle school and have a student
at the n	igh school. The north detouris dangerow - she
would to	alle Henderson gap Rd and from left in
Bruny	reck Pd. That is a very danger our intersection
as the lin	e of sight is minimal and pupel speed so you
In It see	from until they are on top of you. Many
accident	of some total have happened there. A stop
Sign (3)	way) or a round about would be needed
to mala	it safer to turn there. In addition the
traffic ligi	nt at Suber and Brushy (reek does nothank
a left +	purnsisnal to so toward the highschool
making 2	dangerous left turn for our teen driver.
The South	Letour already has too much traffic and thus
Mong not	dangerous left turns for our teen driver.  Letour already has too much traffic and trus  be a reasonable afternative route for us.



**Public Involvement** 

Contact Informa	ation:
Name:	THOMAS A. EDWARDS
Phone Number:	864-608-2719
Email Address:	thomaselwards 2230 Johov. Com
Street Address:	208 Hammelt Br. Rd. Jones S.C. 29650
Interest in this F	Project (Please check one):
Business Owner	Community Group Resident/Property Owner
Roadway Traveler <u>.</u>	
Please provide a	any comments or questions below:
We need	2 selswals, Road Widined, turning lones
in the	middle of Toals.
	0
Children	from Riverside Middle & High School
Walk on	guess to & from school where there is
no si	Qualk and that dangerous. People (some)
Ale Do	wo this road a lot and that need to
stop.	I hear them start at the Buncombe Road
enterse	dir and step on the gos wide open,
vey do	enquees.
0	8





Public Involvement

<b>Contact Informa</b>	ition:
Name:	Carol Morrow
Phone Number:	
Email Address:	Carolmot tow Sagmail, com
Street Address:	101 Wilder Ct. Greek
Interest in this F	Project (Please check one):
Business Owner	Community Group Resident/Property Owner
Roadway Traveler_	
Please provide a	any comments or questions below:
When do	they plan on regaring Suber Rd?
×	
N	
*	





**Public Involvement** 

<b>Contact Informat</b>	tion:
Name:	Imagene Mullinar
Phone Number:	864-640-9140
Email Address:	
Street Address:	205 Mullinax Dr. Lines, Sc. 29651
Interest in this P	roject (Please check one):
Business Owner	Community Group Resident/Property Owner
Roadway Traveler 🖟	
Please provide a	ny comments or questions below:
need to	widen the road to match the
bridg	e + put sidewalker all the way
To Bu	ncombe Rd.
<del></del>	
£-	
	CCPAT



**Public Involvement** 

<b>Contact Inform</b>	nation:
Name:	Danielle Rementeria
Phone Number:	954-600-7458
Email Address:	dremente agmail. com
Street Address:	306 Riverside Chase Cir. Green 29650
Interest in this	Project (Please check one):
Business Owner_	Community Group Resident/Property Owner 🐰
Roadway Traveler	r
Please provide Just a	Pew concerns for the safety of the students walking bridge. Please keep equipment for enough
younger c	hildren that walk this path. Thank you.
<u> </u>	
0	
4	
	SCEST



**Public Involvement** 

SCDOT appreciates your participation and involvement in this project. Your thoughts and comments are important to us!

#### **Contact Information:**

Name:	PHILLIP J. PRZESTRZELSKI
Phone Number:	864-848-0077
Email Address:	PiP Phd@ bellsouth. net
Street Address:	420 HAMMET BRIDGE RD

### Interest in this Project (Please check one):

Business Owner	Community Group	Resident/Property Owner
Roadway Traveler		

### Please provide any comments or questions below:

I ASKED A QUESTION ABOUT HOW WIDE THE RESTRICTED Z-LANE
BRIDGE WAS GOING TO BE REPLACED WITH AND HE SAID ONLY A
Z-LANE BRIDGE. WHY BOTHER? HANDER BRIDGE RD. AND SUBER RD,
THE TRAFFIC HAS INCREHSEN MANY FOLD SINCE I MOVED HERE ZY YEARS
AGO. THE NEW BRIDGE SHOULD BE AT LEAST YOR SLANES TO BE
AT LEITST CONPARIBLE TO THE "NEW"BRIDGE ABOUT A MILE AWITY
WHICH IS OVER THE ENGREE RIVER. YOU SHOULD ALSO CONSIDER
WIDENING HAMMET, BRIDGE AND SUBER RDS. BETTER THAN JUST
THE RED LIGHT INTERSECTIONS. AS A HISTORICAL NOTE, MY SON.
JESCE, WAS INTERVIENTED BY A LOCAL TV NEWS STATION IN SEPT., ZOOO.
HE WAS WALKING HOME FROM RIVERS IDE HIGH SCHOOL, SHE ASKED
HIM HOW AE FELT ABOUT THE DANGER OF WALKING ACROSS THE "OLD"

PRIDGE WAS. HE STATED THAT IT WAS VERY DANGEROS. AS I RECOLL,
IT TOOK THE STATE OR COUNTY ABOUT ONE YEAR TO ERECT A PEDESTRIAN
BRIDGE. WHAT'S GOING TO HAPPEN TO THE TEDESTRIAN BRIDGE?

### SCDOT CLRB Package 19 (S-94)

Public Meeting Summary



Appendix D: Meeting Display Boards

# Design-Build Project - Public Meeting



# Welcome!

Public meeting for S-23-94 (Hammett Bridge Rd)

Bridge Replacement over Suber Branch in

Greenville County.

Thursday, July 11, 2024 | 5-7 PM Riverside Baptist Church 1249 S Suber Rd Greer, SC 29650

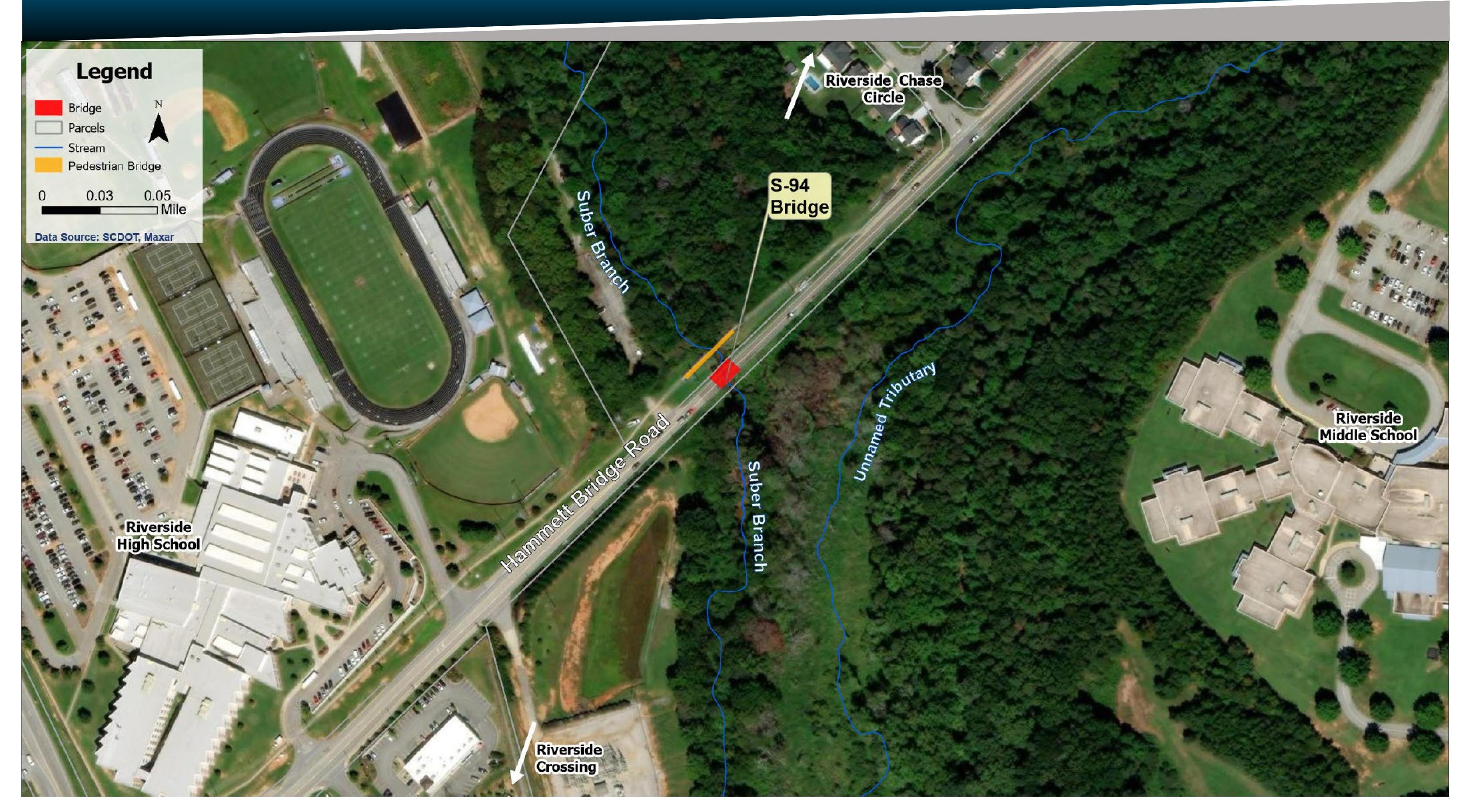
We encourage you to PLEASE SIGN-IN before viewing project displays.

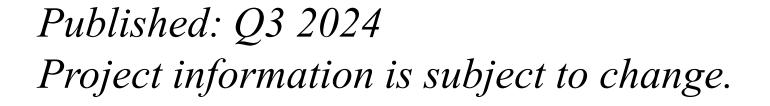
Interested in learning more? Scan the QR code.

Published: Q3 2024 Project information is subject to change. Project Name: S-23-94 (Hammett Bridge Rd) Bridge over Suber Branch Project ID: P041163



# Proposed Improvement Plan View







# Proposed Detour Routes

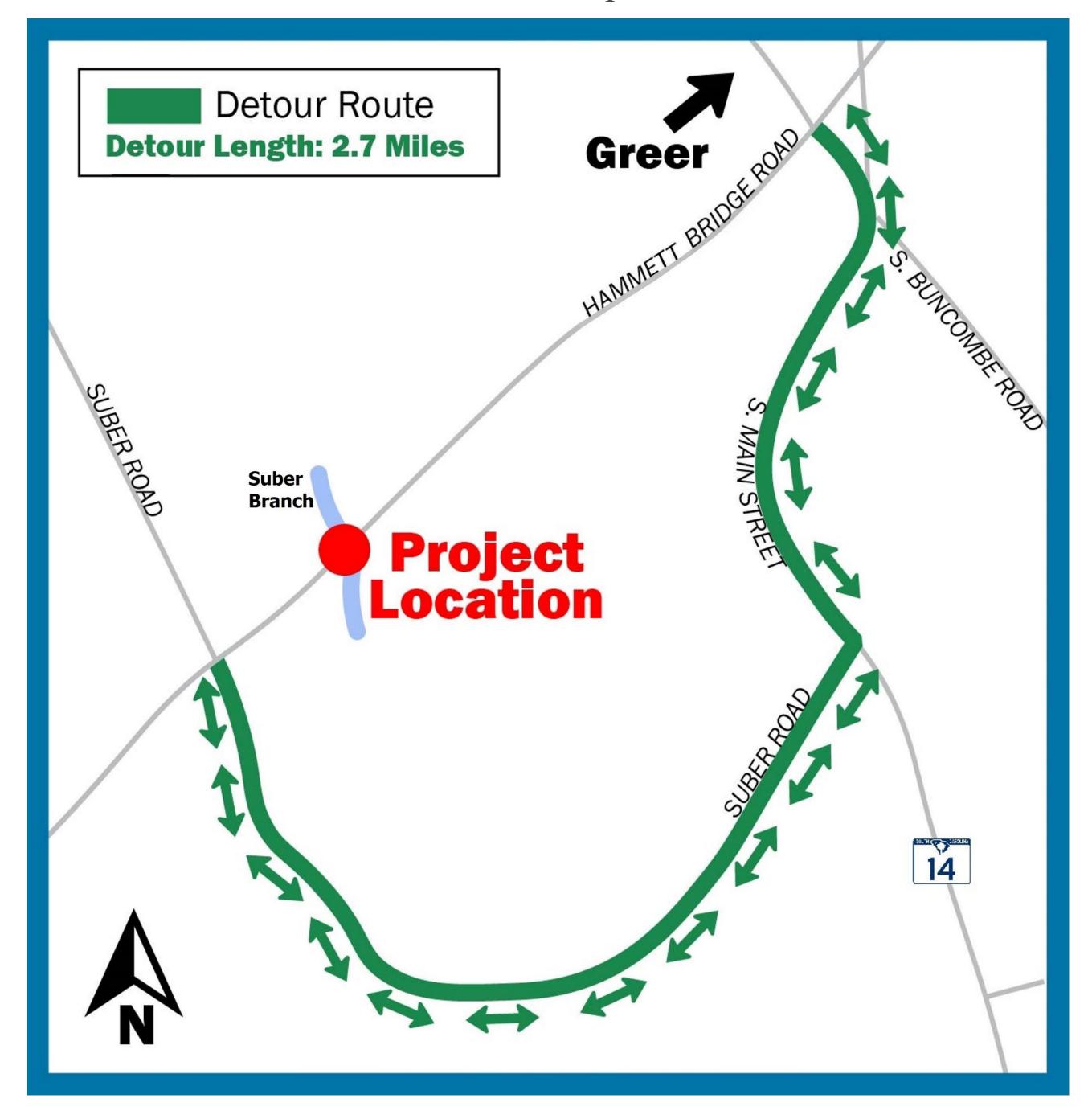
# North Detour

SCDOT proposes to utilize Suber Road, Brushy Creek Road, and S Buncombe Road as the potential detour.



# South Detour

SCDOT proposes to utilize Suber Road, S Main Street, and S Buncombe Road as the potential detour.

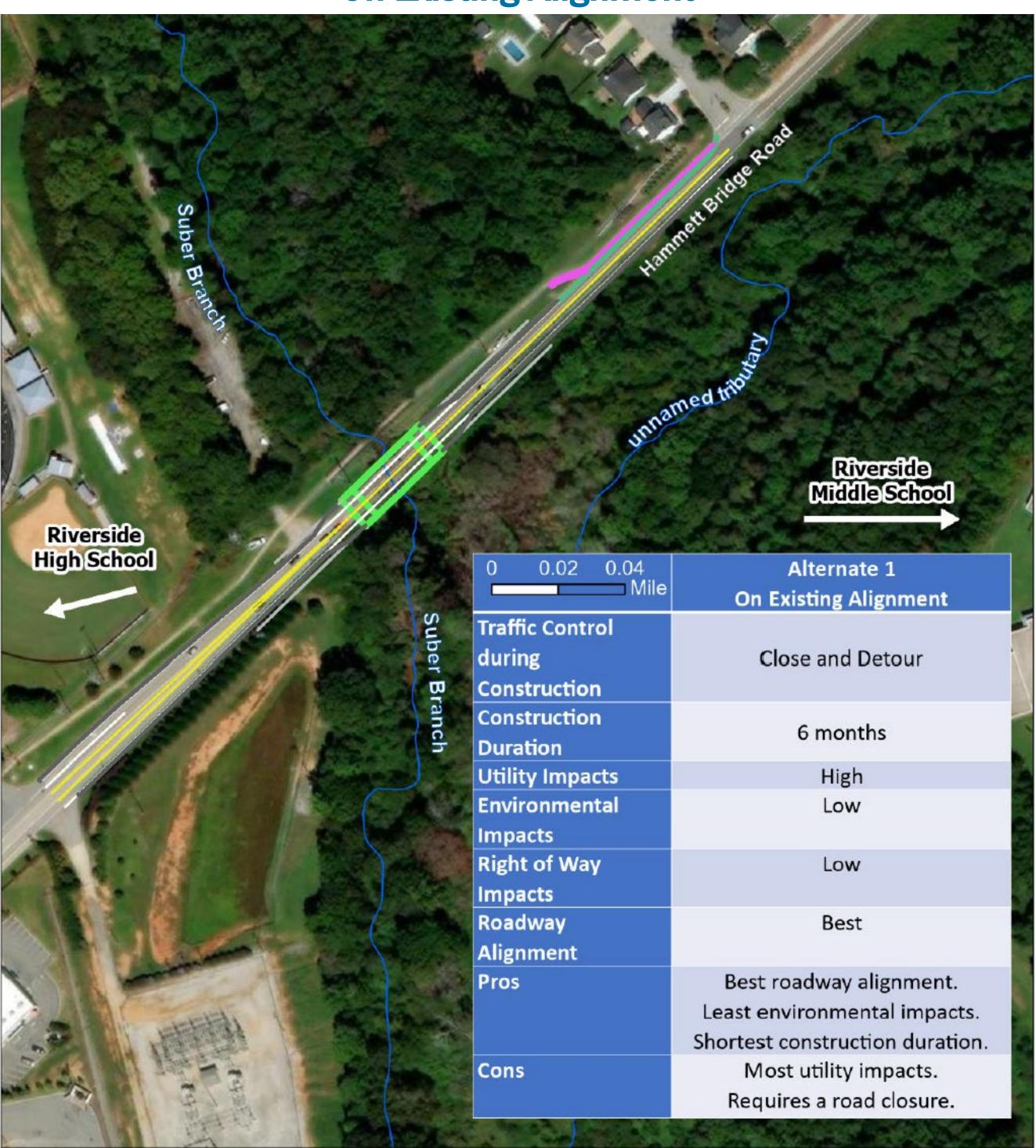




# Proposed Build Alternates

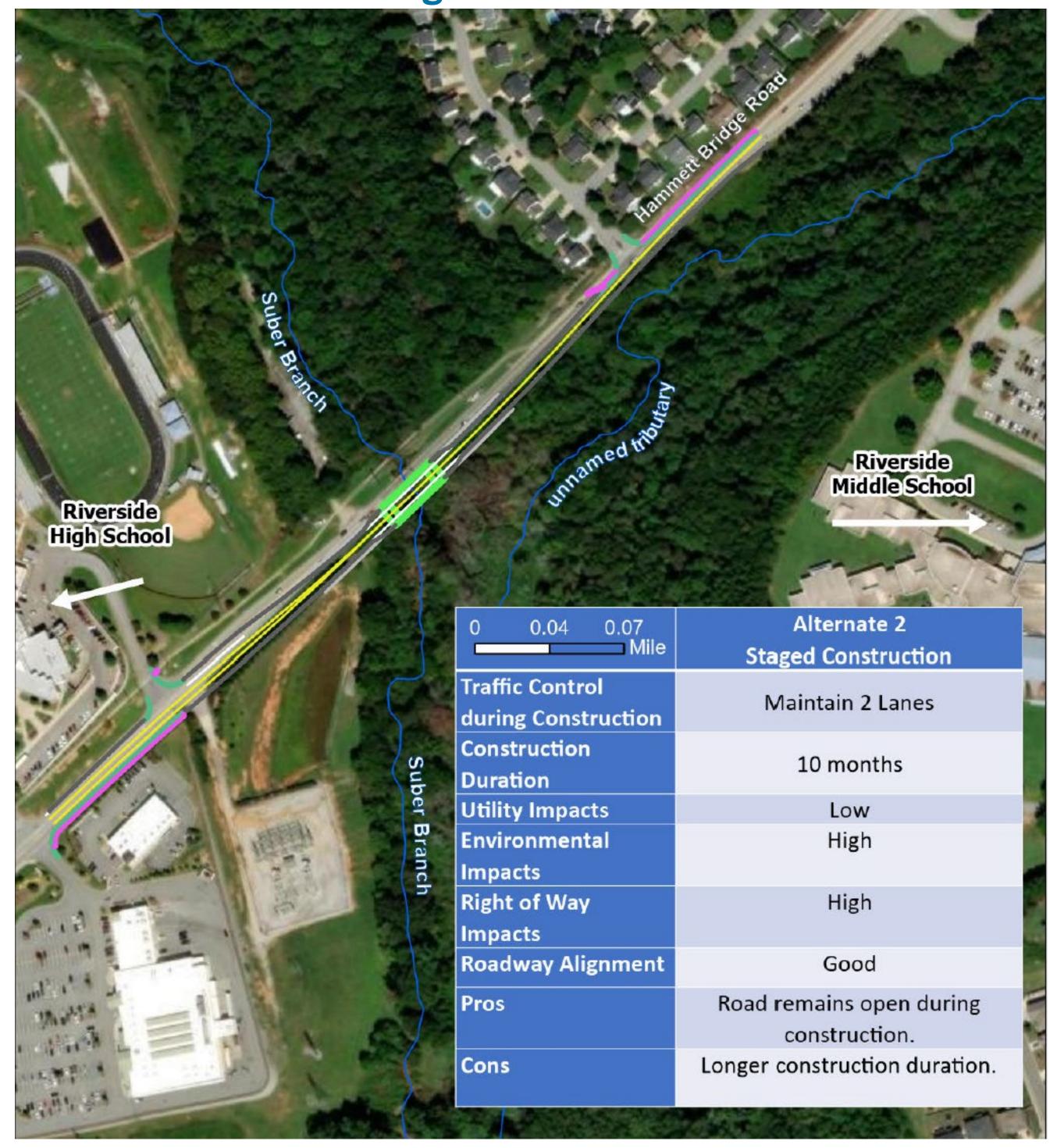
# Alternate 1

On Existing Alignment



### Alternate 2

**Staged Construction** 





# Proposed Schedule and Typical Section

# Alternate 1

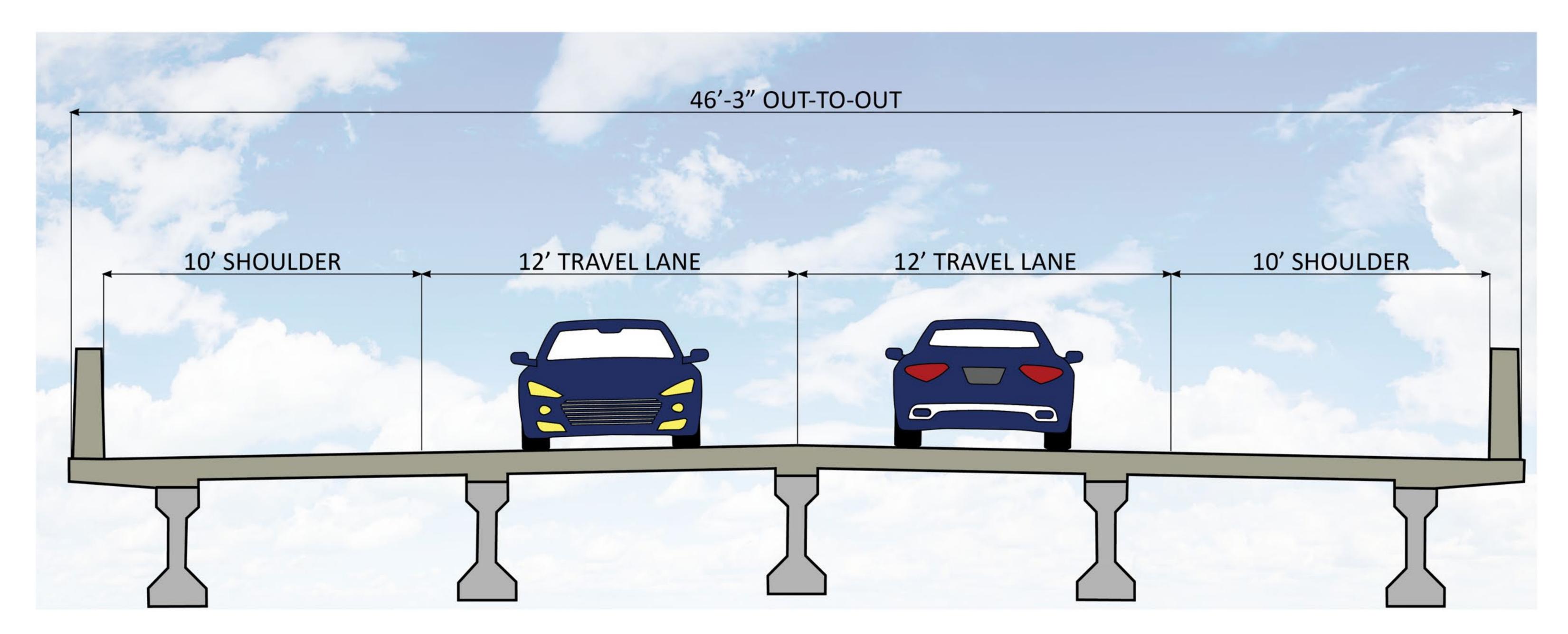
On Existing Alignment

Anticipated Construction Duration: 6 months
Planned Construction Start: 2025

# Alternate 2

**Staged Construction** 

Anticipated Construction Duration: 10 months
Planned Construction Start: 2025





# Comment Station



Complete a Comment Form before you leave



Submit an Online Comment on the project website



Email a comment to PittsME@scdot.org



Give us a call at 803-737-2566



Mail comments to SCDOT Environmental Services Offices
PO Box 191
Columbia, SC 29202

# Submit Your Comment!

Thank you for joining us at our public meeting for the proposed project.

Comments will be accepted until: July 26, 2024



### SCDOT CLRB Package 19 (S-94)

Public Meeting Summary



Appendix E: Meeting Photos















