ID	Condition	SCDOT Responsibility	Contractor Responsibility
a	The permittee agrees to provide all contractors associated with construction of the authorized activity a copy of the permit and drawings. A copy of the permit must be available at the construction site at all times.	SCDOT will comply with the condition to provide permits.	Contractor shall comply with this condition to have permits onsite.
b	The permittee shall submit a signed compliance certification to the Corps within 60 days following completion of the authorized work and any required mitigation. The certification will include: 1. A copy of this permit. 2. A statement that the authorized work was done in accordance with the Corps authorization, including any general or specific conditions. 3. A statement that any required mitigation was completed in accordance with the permit conditions. 4. The signature of the permittee certifying the completion of the work and mitigation.	SCDOT will comply with the condition.	
c	The permittee shall implement the following environmental commitments to protect cultural resources present with the project boundary. The commitments include:		
c1	During the construction phase of the project, the contractor and subcontractors must notify their workers to watch for the presence of any prehistoric or historic remains, including but not limited to arrowheads, pottery, ceramics, flakes, bones, graves, gravestones, or brick concentrations. If any such remains are encountered, the Resident Construction Engineer (RCE) and SCDOT's Construction Manager would be immediately notified and all work in the vicinity of the discovered materials and site work shall cease until the SCDOT Chief Archaeologist directs otherwise. SCDOT Chief Archaeologist, Tracy Martin, can be contacted at 803-737-6371.	The SCDOT will provide the archaeological professional as needed.	The Contractor shall comply with this condition.
c2	An archaeological professional will be present during any ground disturbing activities related to Site 38LX212 and 38RD59. Additionally, sites 38RD140, 38RD1175, and 38RD1176 will be protected from indirect effects, including borrow sites and equipment staging. Sites will be clearly marked in the field using orange construction fencing prior to beginning construction activities in the vicinity of the resources.	The SCDOT will provide the archaeological professional as needed.	The Contractor shall comply with this condition.

ID	Condition	SCDOT Responsibility	Contractor Responsibility
c3	The Saluda Canal (Site 38RD59) would be clearly plotted on all construction plans. SCDOT has reduced ROW widths in the vicinity of the canal to avoid impacts to the canal during construction & any future maintenance activities along the ROW. A 25-foot buffer will be maintained around the canal for the majority of the resource. This zone would be clearly marked in the field using orange fencing during construction, and all ground disturbance and construction staging activities would be conducted outside of this buffer in order to avoid all possible impacts to the resource. SCDOT proposes to revise the commitment of a 25-foot buffer for a distance of approximately 700 feet along the proposed ramp to allow room for temporary construction access & equipment near 1-26 Ramp C. To protect the boundary of the canal at this location, the following will be added to the contract as commitments. a) Prior to construction activities orange protective fencing will be installed along the edge of boundary of the Saluda Canal Historic District in areas that will maintain the original buffer as well as those areas where the buffer has been requested to be reduced between the two drainages and for a length to the south of the southernmost drainage. b) Prior to construction activities silt fencing will be installed along the edge of SCDOT right of way to prevent runoff. c) For areas along the identified Saluda Canal located along the 1-26 Ramp C beginning Station 5412+50 and ending Station 5419+50 clearing will be allowable to the right of way but grubbing will be limited to within a distance of 5-feet inside of the right of way. Grubbing activities within the 5-foot buffer will require approval from SCDOT prior to occurring. d) During land clearing activities prior to construction, an archaeologist will be present at all times to ensure that these activities undertaken close to the fencing do not damage the canal.	The SCDOT will provide the archaeological professional as needed. Condition is not applicable to Phase 3C.	The Contractor shall comply with this condition. The SCDOT will provide the archaeological professional as needed. Condition is not applicable to Phase 3C.

ID	Condition	SCDOT Responsibility	Contractor Responsibility
	e) During construction, an archaeologist will visit the construction site twice a week to ensure that no activities have crossed over the protective fencing. Any observations during these visits will be recorded in an inspection log that will be made available to the SHPO. f) As soon as an inadvertent impact is discovered, such as a previously unidentified cultural resource, archaeological feature, or artifact, construction in that area will stop immediately until an onsite consultation with SCDOT archaeologists and SHPO can determine the best strategies for avoiding, minimizing, or mitigating adverse effects upon the resource.		
d	That the permittee shall utilize clean fill materials for the construction of the Carolina Crossroads Corridor Improvement project that are free of potential sources of pollution to protect the water quality of the tributaries to Saluda River and Broad River.		The Contractor shall comply with this condition.
e	That the permittee will provide compensatory stream and wetland mitigation by implementing the permittee-responsible mitigation (PRM) plan entitled, “Mitigation Plan Carolina Crossroads I-20/26/126 Corridor Improvements Lexington and Richland counties, South Carolina” dated June 30, 2020. This PRM plan includes 2,525 linear feet of in stream enhancement, creation of 15, 354 linear feet of new restored stream channel and other impacts within waters. These restoration, enhancement and preservation activities contained in this PRM plan are authorized with this DA permit. The construction activities within waters associated with this approved PRM will need to commence prior to or concurrent with the beginning of the construction of the Carolina Crossroads Corridor Improvement Project. In addition, this PRM plan includes steps to protect the site, to provide maintenance and management of the site, to provide financial assurances and monitoring activities to document site construction and success. Furthermore, that as part of the “Mitigation Plan Carolina Crossroads I-20/26/126 Corridor Improvements Lexington and Richland counties, South Carolina” dated June 30, 2020, the permittee will	The SCDOT will comply with this condition.	

ID	Condition	SCDOT Responsibility	Contractor Responsibility
	provide five years of monitoring including discussion of performance standards as detailed in this PRM plan. This five-year monitoring will begin during the first growing season after all activities (earthmoving, construction, stabilization and planting) within waters of the U.S. approved by this permit have been completed at the PRM sites.		
f	That as part of the "Mitigation Plan Carolina Crossroads I-20/26/126 Corridor Improvements Lexington and Richland counties, South Carolina" dated June 30, 2020, SCDOT will provide the Corps with documentation of the transfer of ownership of this property to South Carolina Department of Natural Resources and will provide updates on the progression and documentation until the Belfast site and PH Timber site are incorporated into SCDNR's Belfast Wildlife Management Area.	The SCDOT will comply with this condition.	
g	That the permittee is not authorized to commence impacts to Tributary 39, including 2,295 linear feet of stream relocation (per drawing Sheets 64-67 of 78), until after the Corps has provided written notice to proceed. The permittee further agrees that as compensatory mitigation for 2,295 linear feet of stream relocation and fill activities associated with Tributary 39, the permittee will submit a draft mitigation plan to address and adequately mitigate for these impacts. No work in waters of the U.S. associated with Tributary 39 is authorized until the permittee receives, in writing, Corps approval of the final Tributary 39 stream mitigation plan (e.g., a stream restoration plan, or the purchase of adequate stream mitigation credits for the 2,295 linear feet of impacts). The permittee shall fully implement this final Tributary 39 mitigation plan concurrently with, or prior to, Tributary 39 impacts to waters of the U.S, including the 2,295 linear feet of stream relocation.		This is not applicable to Phase 3C.
h	That as compensatory mitigation for impacts to aquatic resources, the permittee agrees to debit 11.32 acres of wetlands from SCDOT's Black River Mitigation Bank. The applicant will provide at least 50% of the required stream and wetland mitigation credit as restoration mitigation credits.	The SCDOT will comply with this condition.	

ID	Condition	SCDOT Responsibility	Contractor Responsibility
i	That the permittee must submit evidence of the purchase or debit of the required mitigation credits to both the Corps of Engineers and SCDHEC prior to commencement of the authorized work. Your responsibility to complete the required compensatory mitigation will not be considered fulfilled until you have received written verification from the U.S. Army Corps of Engineers.	The SCDOT will comply with this condition.	
j	That the permittee will provide the following Hydrologic and Hydraulic evaluation information to the Corps for review and approval prior to beginning construction of each phase of the Carolina Crossroads Corridor Improvement Project. These items will include the following:		The Contractor will comply with this condition.
j1	The permittee (or designated assignee) agrees that the drainage/conveyance systems shall be designed by a licensed Professional Engineer (PE) to meet all requirements set forth by the South Carolina Department of Transportation (SCDOT), AASHTO, FHWA, and FEMA. The design criteria for storm drainage, culverts, and bridges will be based on SCDOT's "Requirements for Hydraulic Design Studies" dated May 26, 2009. In addition to the hydraulic analysis required by the SCDOT Requirements for Hydraulic Design Studies, hydraulic analysis the following hydraulic data for all structures (including bridges, culverts, cross-drainage structures and drainage systems) which are located in and/or are associated with jurisdictional Waters of the U.S. will be performed. This analysis will include: • Pre- and post-flow rate analyses at each outfall location for the 10-year, 25-year, 50-year, and 100-year storms in accordance with SCDOT requirements. • Pre- and post-construction hydraulic analyses of cross- lines and pipe inlets for the 10-year, 25-year, 50-year, and 100-year storms with HY-8, HEC-RAS, or other approved modeling software. The pre-construction analysis shall include an evaluation of the pre-construction flows for the pre-project hydraulic conditions. The post-construction analysis shall include an evaluation of the post-construction flows for the post-project hydraulic conditions. The		The Contractor shall comply with this condition.

ID	Condition	SCDOT Responsibility	Contractor Responsibility
	analysis shall be performed to include a comparison of the pre-construction and post-construction water surface elevations and velocities upstream and downstream of cross-drainage structures and pipe inlets. • Pre- and post-open channel analyses of outfall channels for the 10-year, 25-year, 50-year, and 100 –year storms. • Pre- and post-flow rate analyses at each bridge location for the 10-year, 25-year, 50-year, and 100-year storms in accordance with SCDOT requirements.		
j2	For all project areas located within FEMA Special Flood Hazard Areas or within Flood Insurance Rate Map (FIRM) mapped areas, the hydraulic analysis and modeling shall be performed in accordance with the following: • HEC-RAS hydraulic modeling shall be used to evaluate drainage structures within FEMA Special Flood Hazard Areas. If the FEMA effective model utilizes an alternative software, the software used for the FEMA effective model may be utilized to evaluate the drainage structure. • Perform required analysis to satisfy requirements of the National Flood Insurance Program including coordination of the results of the hydraulic studies with the local Floodplain Manager. The summary report shall be provided to the local Floodplain Manager and a letter of concurrence shall be requested from the local Floodplain Manager confirming the design satisfies the typical FEMA design criteria. • Prepare documentation for coordination with FEMA as required (including receipt of No-Impact Certification or CLOMR/LOMR from FEMA).		The Contractor shall comply with this condition.
j3	For any future Department of Army permit modification, the following hydraulic design data shall be provided to the Corps for review/approval 120 days prior to the anticipated commencement of authorized work. Please note that written authorization/ concurrence must be received		The Contractor shall comply with this condition.

ID	Condition	SCDOT Responsibility	Contractor Responsibility
	from the Corps prior to commencement of work. This information should include: • Project plans including structure/feature location with dimensions of existing and proposed structure/feature. These plans should include cross-sectional views detailing authorized structure or modified feature with proposed and existing water surface elevations during all analyzed storm events. • Details related to any channel relocations that includes existing dimensions along proposed dimensions. These details should include cross sectional views detailing the work and proposed/existing water surface elevations during all analyzed storm events. This relocation plan will also include construction sequencing and Best Management Practices (BMPs) to minimize impact upon the aquatic environment and demonstrate adequate stabilization of the new channel. • Hydraulic Design Summary Table to include the following: o Structure, or channel location o Waterbody Classification (Perennial Stream, Intermittent Stream, Non-Jurisdictional Feature, etc.) o Existing Drainage Structure dimensions o Proposed Drainage Structure dimensions o Invert elevations o Drainage Area o Pre- and Post-Construction Design Flows, Headwater Elevations, and Tail water Elevations for the 10-Year, 25-Year, 50-Year, 100-yearstorm events o Summary table for outfall (culverts / pipes) riprap protection to include discharge velocities for the 10-year, 25-year, 50-year, and 100-year design storms and dimensions of riprap pads. o Outlet Protection details o Top of roadway elevations		

ID	Condition	SCDOT Responsibility	Contractor Responsibility
j4	For areas where this project will cause an increase upon Water Surface Elevation (WSE) that result in water outside of the permittee' s project Right-of-Way from the analyzed storm events, the permittee shall provide details of notification/coordination with each property owner.		The Contractor shall comply with this condition.
j5	For each property affected by an increase in post-development WSE, the permittee shall notify the affected property owner(s) and will provide the following details to them: property location, details of the impact to the property, area of extent ponded water (map), and water surface elevation information including the increase over existing conditions and duration of impact to each affected property.		The Contractor shall comply with this condition.
k	The permittee must implement appropriate best management practices that will minimize erosion and migration of sediments on and off the project site during and after construction. These practices should include the use of appropriate grading and sloping techniques, mulches, silt fences, or other devices capable of preventing erosion, migration of sediments, and bank failure. All disturbed land surfaces and sloped areas affected by the project must be stabilized upon project completion. This will include all requirements of the Water Quality Certification as approved by SCDHEC on August 31, 2020.		The Contractor shall comply with this condition.
Additional Conditions from 404 Permit Modification dated August 4, 2022.			
l	That the permittee will implement the following steps related to the temporary construction access across Saluda River: 1. That the Permittee shall utilize clean, non-erodible materials for the construction of the gabion baskets that are free of potential sources of pollution to protect the water quality of the Saluda River. 2. That all rock for the temporary gabion baskets will be properly sized and placed along with the floating barges in a manner to resist being washed away during a high flow and/or overtopping event. In the event that the gabion baskets and/or barges are washed away from the construction site, the permittee shall notify the Corps of this occurrence by the close of the		Phase 1 Contractor shall comply with this condition. Not applicable to Phase 3C.

ID	Condition	SCDOT Responsibility	Contractor Responsibility
	next business day of the event. In addition, if temporary structures are washed from the construction sites during an event, the permittee shall provide the Corps a written plan that will include details related to the access and retrieval actions necessary to ensure that all gabion baskets and barges are removed from the Saluda River. 3. That the permittee shall submit in writing a notification to the Corps when gabion baskets are placed (including dated and location and quantity) and identify the specific date (no later than 180 days from initial placement of gabion baskets) that the gabion baskets will be removed from the Saluda River. 4. Following the removal of all gabion baskets and floating barges, the stream banks that were utilized for access to these temporary structures, will be restored to an appropriate slope for stability and stabilized. In areas where vegetation was removed, the permittee will include supplemental seeding of herbaceous vegetation and/or planting of woody vegetation. 5. The permittee shall provide a brief report, within 30 days of the removal of all material from the Saluda River to include photographs verifying the complete restoration of the areas within the Saluda River where the gabion baskets and barges were placed and to document stabilization activities of the stream banks where these barges were placed.		
m	That as compensatory mitigation for impacts to aquatic resources, the permittee will implement and fully comply with the "Tributary 39-Mitigaiton Plan SAC 2015-01080 Carolina Crossroads Project Richland and Lexington Counties" dated April 22, 2022. Your responsibility to complete the Plan as set forth in this Special Condition will not be considered fulfilled until you have demonstrated mitigation success and have received written verification from the U.S. Army Corps of Engineers (Corps).		Phase 2 Contractor shall comply with this condition. Not applicable to Phase 3C.

ID	Condition	SCDOT Responsibility	Contractor Responsibility
n	In order to ensure there are no adverse impacts to aquatic resources (Tributary 39), the permittee shall utilize the following during construction sequencing: 1. Construct and stabilize the new channel in the upland area as designated on revised permitted plan sheets 64-67 of 78 and 75A-75B of 78, entitled "Carolina Crossroads project ID No. P027662 Richland County, SC Lexington County, SC" revised April 1, 2022, prior to re-directing flow into the newly constructed channel. Once flow is established within the stabilized, reconstructed channel, the commencement of placement of fill in the abandoned segment of Tributary 39 (unnamed tributary to Broad River) may occur. 2. Appropriate measures must be taken to maintain normal downstream flows and minimize flooding to the maximum extent practicable, when temporary structures, work, and discharges, including cofferdams, are necessary for construction activities, access fills, or dewatering of construction sites. Temporary fills must consist of materials, and be placed in a manner, that will not be eroded by expected high flows. Temporary fills must be removed in their entirety and the affected areas returned to preconstruction elevations. The areas affected by temporary fills must be revegetated, as appropriate. 3. The permittee must notify the Corps immediately if there are any additional adverse impacts to the waters of the U.S. resulting from the relocation of Tributary 39 (unnamed tributary to Broad River). Corrective measures may be required to stabilize and/or restore affected areas.		Phase 2 contractor shall comply with this condition. Not applicable to Phase 3C.
Additional Conditions from the 401 Water Quality Certification			
1	See 404 Per Condition k.		
2	All necessary measures must be taken to prevent oil, trash, debris, and other pollutants from entering the adjacent waters, wetlands, and offsite areas.		The Contractor shall comply with this condition.

ID	Condition	SCDOT Responsibility	Contractor Responsibility
3	See 404 Permit Condition c(1-3).		
4	Only clean, earthen material free of all potential sources of pollution may be used as fill in the aquatic impact area.		The Contractor shall comply with this condition.
5	The project must be in compliance with any applicable local floodplain, erosion, and sediment control and/or Stormwater ordinances.		The Contractor shall comply with this condition.
6	Construction activities must avoid and minimize, to the greatest extent practical, disturbance of woody shoreline vegetation within the project area. Removal of vegetation should be limited to only what is necessary for construction of the proposed structures. Where necessary to remove vegetation, supplemental planting should be installed following completion of the project. These planting should consist of appropriate native species for ecoregion.	The SCDOT shall comply with planting requirements.	The Contractor shall comply with this condition.
7	See 404 Permit Conditions e-i.		