

Attachments:

Attachment A:

**PROJECT SCOPING REPORT
SCREENING CHECKLIST**

SPOT ID: H171573 STIP#: I-6005	FACILITY: OTHER PRINCIPAL ARTERIAL	DIVISION: 5	FIRM: RK&K
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<i>INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.</i>	
1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NRTR) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>NO. A review of the North Carolina Natural Heritage Program (NCNHP) database lists a National Heritage Program Area (NHPA) along the Robertson Pond/Buffalo Creek Floodplain, and an identified habitat for the Dwarf Wedge Mussel along the Little River. Neither should be impacted by the scope of work in this project.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>NO. Habitat for Bald eagle primarily consist of mature forest in proximity to large bodies of open water for foraging. Large dominant trees are utilized for nesting sites typically within 1.0 mile of open water. The NCNHP database revealed no known occurrences of this species within a 1-mile radius of the project area. No water bodies large enough or sufficiently open enough to be considered potential feeding sources were identified near the project area.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO.</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>UNRESOLVED. A cursory demographic review of the project area using the NCDOT Demographic Tool showed four census blocks which met Environmental Justice determinations for minority population, and one census block which met Environmental Justice determinations for poverty. Further study and analysis will be required to determine if there is disproportionate adverse impact to these populations within the project study area.</p>

5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition? <i>Provide a count of potential residential and commercial displacements.</i></p>
	<p>UNRESOLVED. There is potential for several residential displacements along the Future I-87 (US 64)/US 264 flyover ramp improvements. A substantial amount of Right of Way acquisition is not expected with this project.</p>
6	<p>Does the project require an Individual Section 4(f) approval? <i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p>
	<p>YES.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)? <i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p>
	<p>NO. There are no impacts to Historical resources anticipated.</p>
8	<p>Does the project result in a finding of “may affect not likely to adversely affect” for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)? <i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p>
	<p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters? <i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p>
	<p>NO. The project study area is outside of any anadromous fish spawning areas.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)? <i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a “WS” (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p>
	<p>NO.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams? <i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by “Tr” classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream.</i></p>
	<p>NO. This project lies in Wake County which has no trout watersheds.</p>
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit? <i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p>

	<p>YES. There are potential impacts at Buffalo Creek, Fall Branch, and Little River. Length of impact is roughly 40 feet for each feature. This project will be covered under a Section 404 Nationwide Permit and 401 General Water Quality Certification.</p>
13	<p>Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i></p>
	NO.
14	<p>Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #7 above.</i></p>
	UNRESOLVED. Further detailed study will be required into archaeological presence.
15	<p>Does the project involve hazardous materials and/or landfills?</p> <p><i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i></p>
	NO.
16	<p>Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A?</p> <p><i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i></p>
	NO.
17	<p>Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i></p>
	NO.
18	<p>Does the project require a U.S. Coast Guard (USCG) permit?</p> <p><i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i></p>
	NO.
19	<p>Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i></p>
	NO.
20	<p>Does the project involve Coastal Barrier Resources Act (CBRA) resources?</p> <p><i>Review the Division Resource Map to determine if the project is within a CBRA area.</i></p>
	NO.

<p>21</p>	<p>Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands? <i>Review the Division Resource Map to determine if the project is within federal lands.</i></p> <p>NO.</p>
<p>22</p>	<p>Does the project involve any changes in access control? <i>Note if the project is proposing a change in control of access.</i></p> <p>NO. Full Control Access along interchange ramps will be shifted to accommodate loop ramp radii improvements.</p>
<p>23</p>	<p>Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness? <i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i></p> <p>NO.</p>
<p>24</p>	<p>Will maintenance of traffic cause substantial disruption? <i>Note if an offsite detour is recommended.</i></p> <p>YES.</p>
<p>25</p>	<p>Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)? <i>This question will be evaluated during project development.</i></p> <p>N/A</p>
<p>26</p>	<p>Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property? <i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.ncrc.nps.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i></p> <p>NO.</p>
<p>27</p>	<p>Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)? <i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i></p> <p>NO.</p>
<p>28</p>	<p>Does the project include a de minimis or programmatic Section 4(f)? <i>This question will require additional evaluation during project development. Refer to Question #6 above.</i></p> <p>SEE #6 ABOVE</p>
<p>29</p>	<p>Is the project considered a Type I under the NCDOT's Noise Policy? <i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i></p>

	<p>IF THE PROJECT IS FEDERALLY FUNDED</p> <p><i>Is the project a Type I project?</i></p> <p>YES.</p> <p>(CONT.)</p> <p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i></p> <p>N/A</p>
30	<p>Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?</p> <p><i>This question will be evaluated during project development.</i></p> <p>N/A</p>
31	<p>Are there other issues that may affect project decisions?</p> <p><i>Note any other issues that should be considered during project development.</i></p> <p>NO.</p>

<p><i>INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.</i></p>	
7	<p>Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool?</p> <p><i>This question will be evaluated during project development.</i></p> <p>N/A</p>
8	<p>Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required?</p> <p><i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i></p> <p>NO. AADT values for project study area are 55,000 to 57,000.</p>