

US Army Corps of Engineers Memphis District

## **Public Notice**

FILE NUMBER: MVM 2024-187

NOTICE DATE: September 6, 2024

Attn: Postmaster, Please Post Until

EXPIRATION DATE: October 5, 2024

**AUTHORITY:** Pursuant to 33 CFR 325, as published in the Federal Register dated November 13, 1986, this notice announces an application submitted for a Department of the Army permit under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act of 1899.

APPLICANT: Tennessee Department of Transportation Attn: Khalid Ahmed 505 Deaderick Street James K Polk Building, Suite 900 Nashville, Tennessee 37243

**LOCATION:** The project site is located at approximate coordinates Latitude 35.1264°N and Longitude - 88.8133°W in Hardeman County, Tennessee, on the Hornsby 7.5-minute quadrangle map (Sheets 1 and 2).

**PURPOSE:** The purpose of the proposed project is to replace the Powell Chapel Road bridge over the Hatchie River.

**DESCRIPTION OF WORK:** The applicant proposes to replace the existing bridge consisting of a nine-span concrete and steel structure with an out-to-out width of 26' 6", a total length of 372', and a vertical clearance of 39' 6" with the proposed structure. The proposed structure will consist of a three-span still girder bridge with an out-to-out width of 28' 6", a total length of 450', a main span of 170' and a vertical clearance of 35'. The proposed alignment of the structure will be shifted to the southeast approximately 48'. The project is proposed to have permanent impacts to 1.35-acres of wetlands and temporary impacts to an additional 0.44-acre of wetlands. The project is also proposing to impact 0.013-acre of stream. Additionally, the project proposes to impact 0.012-acre of ephemeral channel. (Sheets 3-7, & 9)

**AVOIDANCE/MINIMIZATION:** According to the applicant, the proposed project's roadway alignment has been selected in order to avoid existing environmental features to the greatest extent practicable. Where environmental features are unavoidable, the proposed project has been designed to ensure that impacts to these features have been minimized as much as possible. Proposed roadway embankment slope lines have been reduced where possible, thus minimizing impact to adjacent environmental features. Only span bridges are included in the project. Implementing this structure type minimizes the amount of stream channel impact by removing the need of piers within the stream banks and allows the existing natural channel to flow under the proposed roadway system. Additionally, Erosion Prevention and Sediment Control (EPSC) best management practice (BMP) measures will be installed and maintained during roadway construction, thus reducing the likelihood of sediment and debris deposition from the project site into adjacent environmental features during construction activities.

**MITIGATION:** The applicant proposes to offset impacts to aquatic resources by restoring temporarily impacted wetlands to their original elevations and seeding with wetland plant species. TDOT proposes to mitigate the unavoidable permanent wetland impacts by purchasing a total of 2.70 acres of wetland credits at a ratio of 2:1 from the Hatchie River Wetland Mitigation Bank. The stream impacts fall below the threshold for mitigation requirements and TDOT is not proposing mitigation for unavoidable stream impacts. (Sheet 8)

**WATER QUALITY CERTIFICATION:** The Clean Water Act (CWA) Section 401 Water Certification Improvement Rule (Certification Rule, 40 CFR 121), effective November 27, 2023, requires certification for any license or permit that authorizes an activity that may result in a discharge. The scope for CWA Section 401 certification by the certifying authority shall evaluate whether the activity will comply with applicable water quality requirements. The certifying authority's evaluation is limited to the water quality-related impacts from the activity subject to the Federal license or permit, including the activity's construction and operation. The applicant is solely responsible for requesting certification and providing required information to the certifying agency. In accordance with Certification Rule part 121.12, the Corps will notify the U.S. Environmental Protection Agency Administrator when it has received a Department of the Army (DA) permit application and the related certification. The Administrator is responsible for determining if the discharge may affect water quality in a neighboring jurisdiction. The DA permit may not be issued pending the conclusion of the Administrator's determination of effects on neighboring jurisdictions.

**ENDANGERED SPECIES:** This application is being coordinated with the U.S. Fish and Wildlife Service (USFWS). Any comments USFWS may have regarding endangered or threatened wildlife or plants, or their critical habitat, will be considered in our evaluation of the described work.

**CULTURAL RESOURCES:** In compliance with Section 106 of the National Historic Preservation Act of 1966 (NHPA), as amended, the Memphis District will identify and evaluate potential effects of the proposed action on historic properties through consultation with federal, state, and local agencies, federally-recognized Indian Tribes, the public, and other interested parties.

**FLOODPLAIN:** In accordance with 44 CFR Part 60 (Floodplain Management and Use), participating communities are required to review all proposed development to determine if a floodplain development permit is required. Floodplain administrators should review the proposed public notice and notify this office of any floodplain development permit requirements.

**PUBLIC INTEREST REVIEW:** The purpose of this public notice is to advise all interested parties of the activities for which a permit is sought and to solicit comments and information necessary to evaluate the probable impact on the public interest.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; federally recognized Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

**ENVIRONMENTAL JUSTICE:** In accordance with E.O. 12898, E.O. 14008, and E.O. 14096, the Corps of Engineers will specifically consider the effects of the proposed action on communities with environmental justice concerns, including economically disadvantaged communities, communities of color, and other socioeconomic groups that could be disproportionately affected by environmental and other effects. As part of our environmental justice review, the Corps of Engineers seeks additional information from the public, community leaders, local officials and others regarding issues of environmental justice as related to the proposed action.

**PUBLIC HEARING:** Any person may request, in writing, within the comment period specified in this notice that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reason for holding a public hearing. The District Engineer will determine if the issues raised are substantial and whether a hearing is needed for making a decision. If a public hearing is held, it will be for the purpose of obtaining additional information that we could not otherwise obtain through a public notice process; not to inform the public about the specific details of the project in greater detail than what is found in this notice. This is not a Corps of Engineers project. We are not a proponent nor are we an opponent of the project. We are merely the permitting authority of Section 404 and Section 10 permits required by our office.

**COMMENTS OR REQUEST FOR ADDITIONAL INFORMATION:** Send comments to the Corps of Engineers, Memphis District.

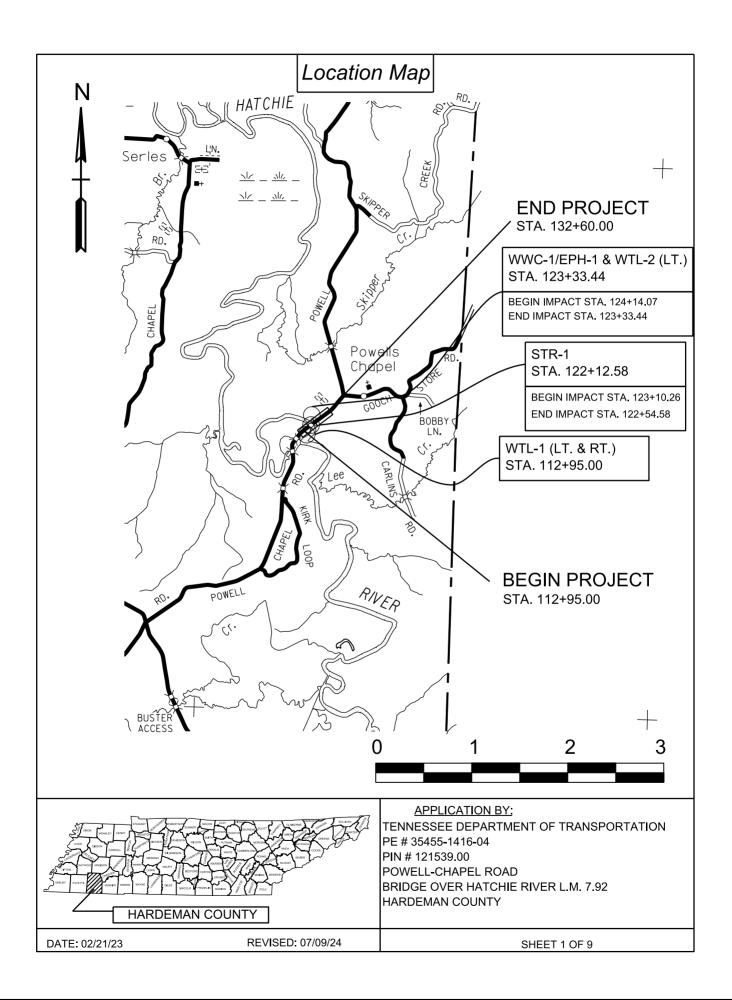
U.S. Army Corps of Engineers – Memphis District ATTN: Damon McDermott 167 North Main Street, Room B-202 Memphis, Tennessee 38103-1894 e-mail: Robert.d.mcdermott@usace.army.mil phone: (901) 544-0732

Comments may be sent via mail or e-mail. The Corps of Engineers may provide copies of all comments, (including name & address of those providing comments) to the applicant for consideration and response prior to a decision. Comments must be received by the expiration date listed on page one of this notice.

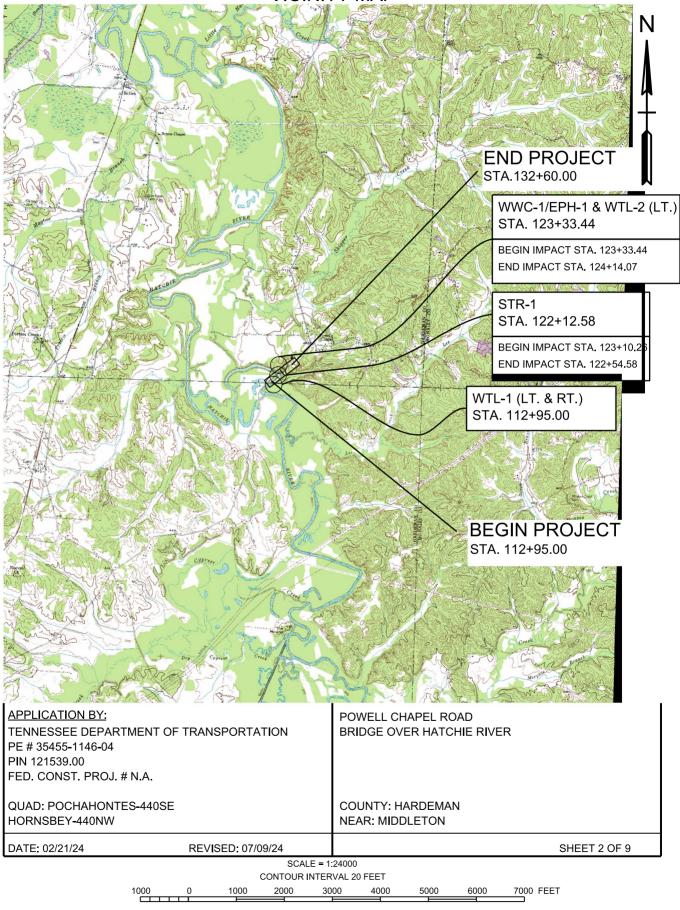
For Final Individual Permits actions in the Memphis District, go to the following link: <u>http://permits.ops.usace.army.mil/orm-public</u>. Using the Filter by District drop down box, select MVM-Memphis District, then select the year and month (information will populate in the table below). All pending individual permits can be located by selecting the **"Pending IP"** tab above. All of the environmental documents and statements of findings supporting issuance or denial of the permit decisions are available upon written request and where applicable, upon the payment of administrative fees. They are also available at the Memphis District, Regulatory Division office for examination.

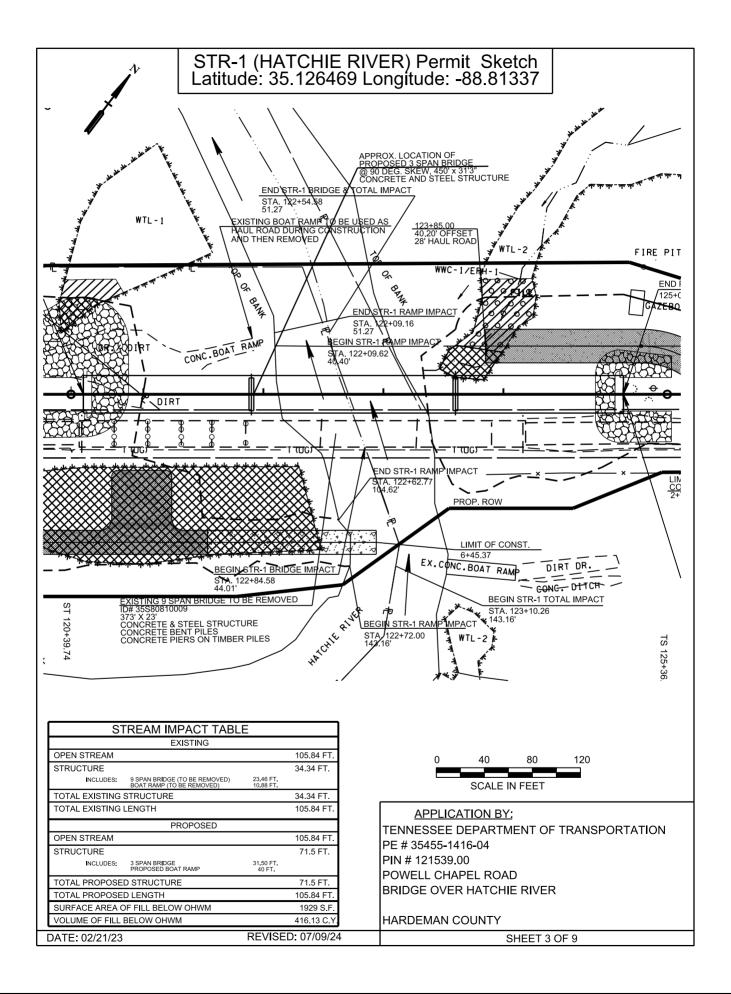
> Gregg W. Williams Chief Regulatory Division

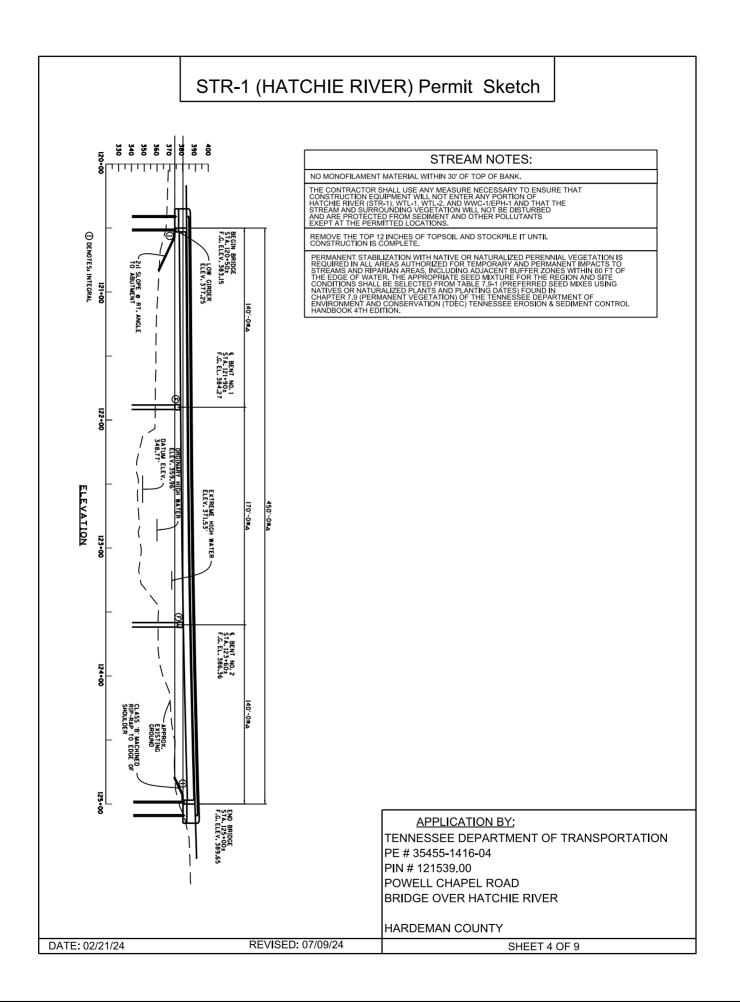
Attachments

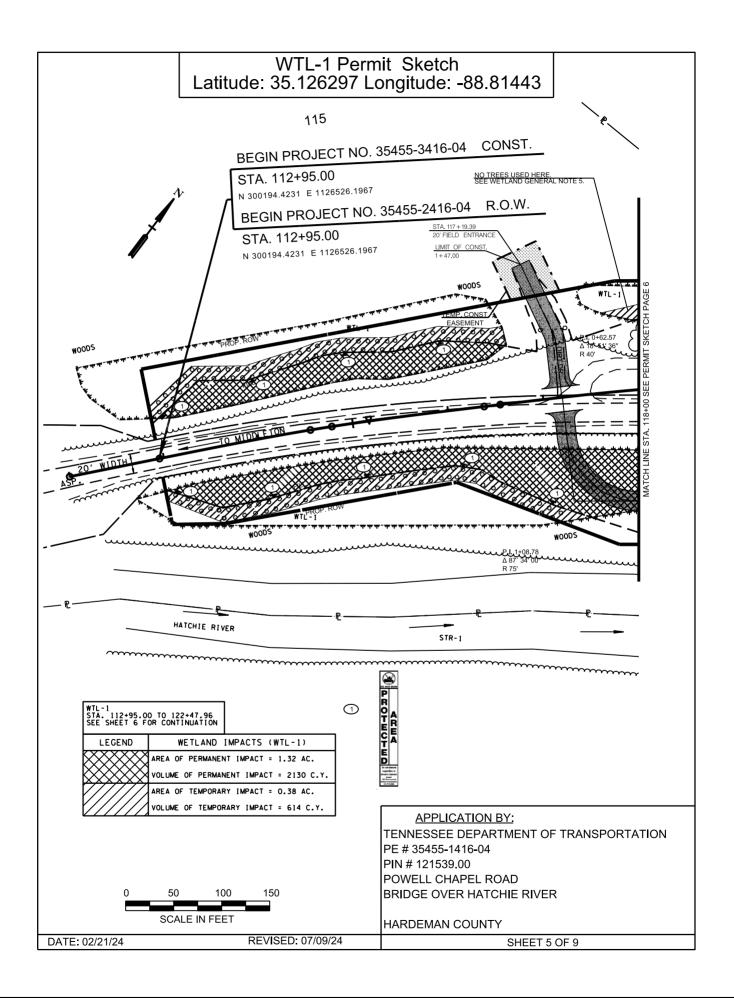


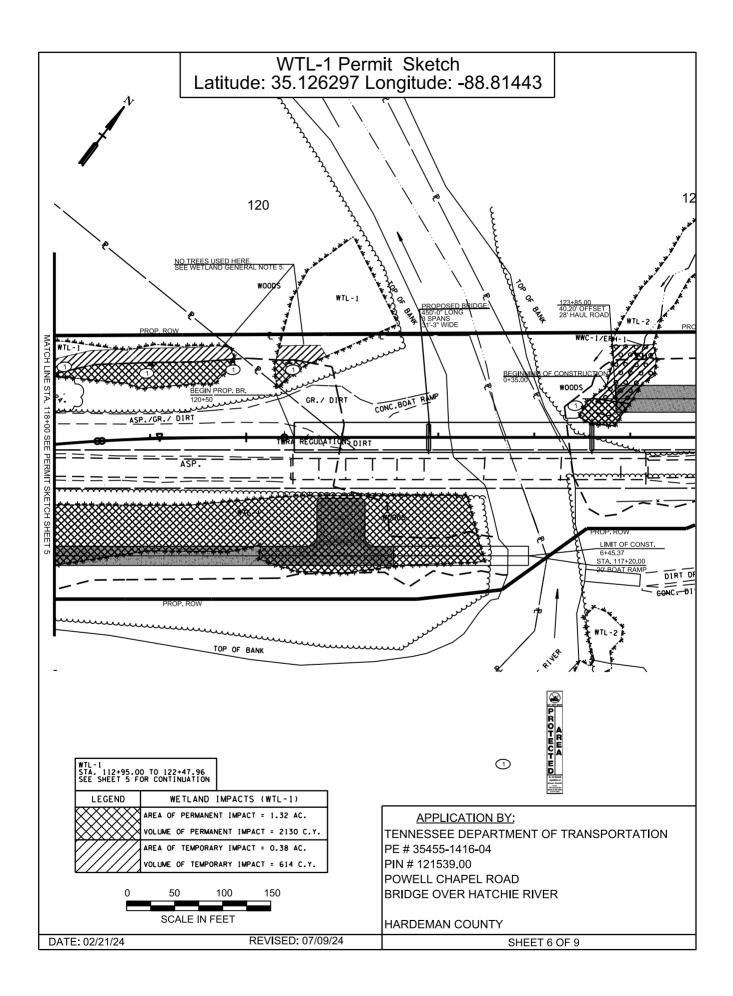
VICINITY MAP

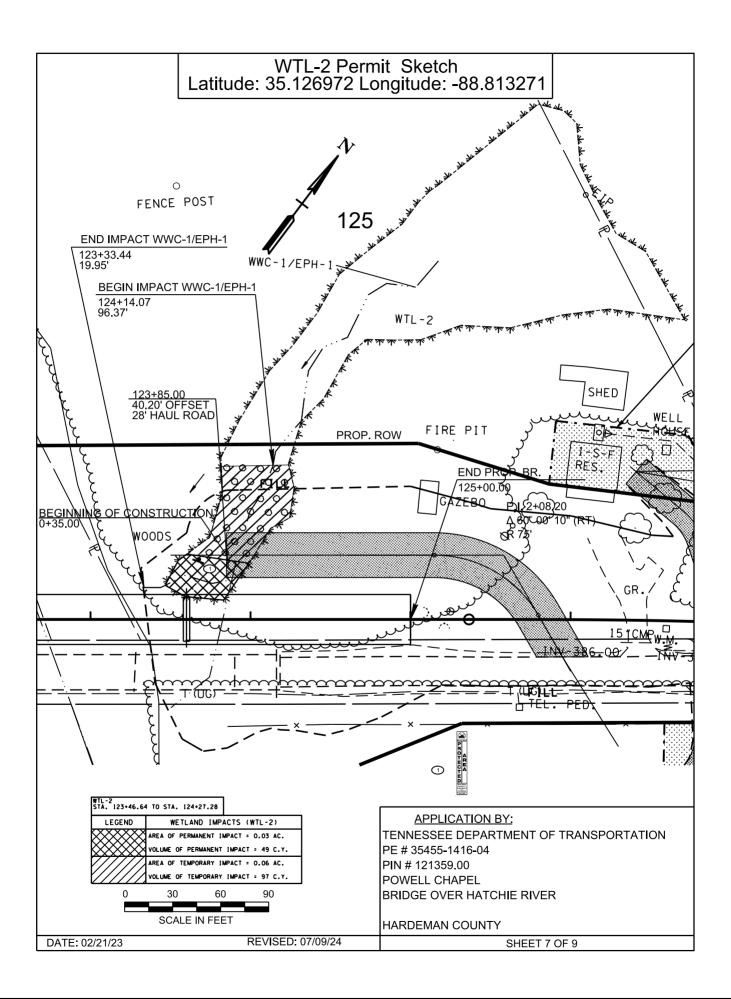












		WTL-1 & W	/TL-2 Pe	rmit Sketch Notes	
WETLAND NOTES:					
1).	1). NO MONOFILAMENT MATERIAL WITHIN 30' OF TOP OF BANK.				
2). THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF HATCHIE RIVER (STR-1), WTL-1, WTL-2, AND WWC-1/EPH-1 AND THAT THE STREAM AND SURROUNDING VEGETATION WILL NOT BE DISTURBED AND ARE PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT THE PERMITTED LOCATIONS.					
	3). REMOVE THE TOP 12 INCHES OF TOPSOIL AND STOCKPILE IT UNTIL CONSTRUCTION IS COMPLETE.				
4). ONCE CONSTRUCTION ACTIVITIES ARE COMPLETED, RESTORE ALL TEMPORARY WETLAND IMPACT AREAS TO PRE- CONSTRUCTION CONDITIONS, THIS INCLUDES REMOVING HAUL ROADS (IF APPLICABLE), RESTORING THE SITE TO THE ORIGINAL (PRE- CONSTRUCTION) ELEVATIONS, AND SPREADING STOCKPILED TOPSOIL BACK OVER THE WETLAND SITE.					
5), THE AREA OF TEMPORARY IMPACTS WILL BE STABILIZED WITH WETLAND SEED MIXTURE 801-01.36 ONLY. TREE PLANTING NOT REQUIRED. THE FOLLOWING SPECIES SHOULD BE USED FOR ITEM NO. 801-01.36 SPECIAL WETLAND SEED MIXTURE. -SEDGES (CAREX SP.) -SMARTWEED (POLYGONUM SP. OR PERSICARIA SP.)					
-SMARTWELD (FOLT SOLOW SP. OK FERSICARIA SP.) -RUSHES (JUNCAUS SP.) -AT LEAST ONE OF THE FOLLOWING: SPIKERUSHES (ELEOCHARIS SP.), SEDGES (CYPERUS SP.), GREEN BULRUSH (SCRIPUS ATROVIRENS), SWAMP MILKWEED (ASCLEPIS INCARNATA), SEEDBOX (LUDWIGIA ALTERNIFOLIA), AND LATE BONESET (EUPATORIUM SEROTINUM) 34LB./ACRE OF SEED MIX SHALL BE USED. SEED SPECIES LISTED ABOVE SHOULD BE EQUALLY DISTRIBUTED IN THE SEED MIXTURE.					
	6). WETLAND AREA LOCATED OUTSIDE OF PROPOSED RIGHT-OF-WAY AND CONSTRUCTION EASEMENTS ARE TO BE CLEARLY MARKED AND NOT TO BE DISTURBED.				
	TREES:				
APP BET SHA MUS TO THE AND OTH 2), 1	1). NO SUBSTITUTION OF TREE SPECIES OR SIZED SHALL BE ALLOWED WITHOUT THE WRITTEN APPROVAL OF TDOT ENVIRONMENTAL DIVISION. TREES SHALL BE OF THE VARIETY REQUESTED, BETWEEN 2 AND 5 FEET IN HEIGHT. CONTAINERIZED, AND FIRST QUALITY. BARE ROOT TREES SHALL BE OF THE VARIETY REQUESTED, WELL BRANCHED, AND FIRST QUALITY. BARE ROOTS MUST BE KEPT MOIST AT ALL TIMES. NO CLONES OR CULTIVARS WILL BE ACCEPTED, ANY FOUND TO BE INCORRECT SPECIES, OR IMPROPERLY PLANTED, AT ANY TIME PRIOR TO TERMINATION OF THE CONTRACT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EX PENCE. STAKES AND WIRES SHALL BE REMOVED IMMEDIATELY PRIOR TO CONTRACT TERMINATION, UNLESS OTHER WISE DIRECTED BY ENVIRONMENTAL DIVISION.				
	CORRECT TREE SPECIES, AS SOME MAY REQUIRE SOME TIME TO LOCATE.				
3). TREES SHALL BE WATERED AS REQUIRED THROUGH THE PERIOD ESTABLISHED TO ENSURE SURVIVAL.					
	ESTIMATED TREE QUANTITIES			-	
ITEM NO.		DESCRIPTION	UNIT QUANTITY 35455-2416-04	TREE PLANTING SCHEME FOR TEMPORARY WETLAND IMPACT AREAS	
802-12.07		TULANIGRA (RIVER BIRCH SEEDLING B.R.)	EACH 45	AREA OF PERMANENT BETLAND IMPACTS	
802-12.16 802-12.26	PLATAN	JS PENNSYLVANICA (GREEN ASH SEEDLING B.R.) IU SOC CIDENTALIS (SYCAMOR E SEEDLING B.R.)	EACH 45 EACH 45 EACH 45		
802-12.35	•		EAUH 40	AREA OF TEMPORARY	
		WETLAND IMPACTS (WTL-1) AREA OF PERMANENT IMPACT = 1.32 AC		Image: Prior were in the second se	
Ŕ	$\times$	VOLUME OF PERMANENT IMPACT = 2130		PROPOSED R.O.R.	
Ď	<u> </u>	AREA OF TEMPORARY IMPACT = 0.38 AC		APPLICATION BY:	
V		VOLUME OF TEMPORARY IMPACT = 614 C	.ч.	TENNESSEE DEPARTMENT OF TRANSPORTATION	
	LEGEND	WETLAND IMPACTS (WTL-2)		PE # 35455-1416-04	
8	$\times$	AREA OF PERMANENT IMPACT = 0.03 AC	. ]	PIN # 121539.00	
Ŕ	$\times$	VOLUME OF PERMANENT IMPACT = 49 C.	Y.		
	/////	AREA OF TEMPORARY IMPACT = 0.06 AC		BRIDGE OVER HATCHIE RIVER	
VOLUME OF TEMPORARY IMPACT = 97 C.Y.				HARDEMEN COUNTY	
DATE:	02/21/24	REVISED:	07/09/24	SHEET 8 OF 9	
				0.122.00.0	

