

Appendix D – Cultural Resource Consultation Documentation



Absentee Shawnee Tribe of Oklahoma
Cultural/Tribal Historic Preservation Department
2025 S. Gordon Cooper Dr.
Shawnee, Oklahoma 74801
Phone: (405) 275-4030 ext 6340

6/12/18

RE: PICKWICK HYDROELECTRIC DAM MULTIPLE IMPROVEMENTS, HARDIN COUNTY, TENNESSEE

To Whom It May Concern:

This response is regarding the request from your office for a review of the project listed above. We have reviewed the information provided in your letter of May 7, 2018. We find after review of this information that we concur with your findings of no adverse effects. We have no objection to the project in Hardin County, Tennessee, and we defer comment to your office as well as to the State Historic Preservation Office and/or the State Archaeologist.

We remain interested in further communications regarding this project due to the location. The Shawnee people have a documented historical presence in Tennessee. While there are no documented village sites within the project site or within a close proximity outside the project site, there still remains the potential of finding unknown sites in and surrounding the project location.

It is further advised that if the area of potential effect changes or in the event of an inadvertent discovery of human remains or other cultural resources that we receive notification within 48 hours. As well, any advertent discovery of human remains or other cultural resources should remain in situ until consultation with interested tribes and agencies is undertaken.

Thank you for your time and patience in communications regarding section 106 and NAGPRA issues. We appreciate your continued efforts in such matters. Please do not hesitate to contact me at the information below if you have any questions or concerns.

Best Regards,

Erin Thompson
Tribal Historic Preservation Officer
Absentee Shawnee Tribe of Oklahoma
2025 Gordon Cooper Drive
Shawnee, OK 74801
(P) 405.275.4030 Ext. 6340



TENNESSEE HISTORICAL COMMISSION
STATE HISTORIC PRESERVATION OFFICE
2941 LEBANON PIKE
NASHVILLE, TENNESSEE 37243-0442
OFFICE: (615) 532-1550
www.tnhistoricalcommission.org

May 15, 2018

Mr. Clinton E. Jones
Tennessee Valley Authority
Biological and Cultural Compliance
400 West Summit Hill Drive
Knoxville, TN 37902

RE: TVA / Tennessee Valley Authority, Pickwick Hydroelectric Dam (PKH) Multiple Improvements, Hardin County, TN

Dear Mr. Jones:

In response to your request, we have reviewed the documents you submitted regarding your proposed undertaking. Our review of and comment on your proposed undertaking are among the requirements of Section 106 of the National Historic Preservation Act. This Act requires federal agencies or applicants for federal assistance to consult with the appropriate State Historic Preservation Office before they carry out their proposed undertakings. The Advisory Council on Historic Preservation has codified procedures for carrying out Section 106 review in 36 CFR 800 (Federal Register, December 12, 2000, 77698-77739).

After considering the documentation submitted, it is our opinion that there are no National Register of Historic Places listed or eligible properties affected by this undertaking. We have made this determination because either: no National Register listed or eligible Historic Properties exist within the undertaking's area of potential effects, the specific location, size, scope and/or nature of the undertaking and its area of potential effects precluded affects to Historic Properties, the undertaking will not alter any characteristics of an identified eligible or listed Historic Property that qualify the property for listing in the National Register, or it will not alter an eligible Historic Property's location, setting or use. We have no objections to your proceeding with your undertaking.

If your agency proposes any modifications in current project plans or discovers any archaeological remains during the ground disturbance or construction phase, please contact this office to determine what further action, if any, will be necessary to comply with Section 106 of the National Historic Preservation Act. If you are applying for federal funds, license or permit, you should submit this letter as evidence of consultation under Section 106 to the appropriate federal agency, which, in turn, should contact us as required by 36 CFR 800. If you represent a federal agency, you should submit a formal determination of eligibility and effect to us for comment. You may direct questions or comments to Casey Lee at (615) 253-3163.

Sincerely,

E. Patrick McIntyre, Jr.
Executive Director and
State Historic Preservation Officer

EPM/cjl



Tennessee Valley Authority, 400 West Summit Hill Drive, Knoxville, TN 37902

May 3, 2018

Mr. E. Patrick McIntyre, Jr.
Executive Director
Tennessee Historical Commission
2941 Lebanon Road
Nashville, Tennessee 37243-0442

Dear Mr. McIntyre:

TENNESSEE VALLEY AUTHORITY'S (TVA) PICKWICK HYDROELECTRIC DAM (PKH)
MULTIPLE IMPROVEMENTS, HARDIN COUNTY, TENNESSEE

In letters dated February 25, 2016 and June 21, 2016, TVA consulted with your office regarding seismic upgrades to the south embankment dam associated with National Register-listed PKH located in Hardin County, Tennessee. TVA now proposes slight changes in the design of the project. The majority of the redesign is located within the previously reviewed area of potential effects (APE), previously determined in consultation, to contain no historic properties. Some areas affected by the redesign were not a part of the previous APE (Figure 1):

1. **Sediment Basin:** The construction and use of a sediment basin located in a large drainage area (#2 shown in Figure 2)
2. **Upstream Fill Area:** The limits of the upstream fill have been increased slightly to provide a safer design of the seismic upgrades (#5 shown in Figure 2).
3. **Upstream Staging/Fleeting Area:** The upstream filling operation will likely be completed with barge-mounted mechanical equipment. A staging/fleeting area has been identified to support the filling operation upstream of the dam. The staging/fleeting area is shown on Figure 3.
4. **Barge Unloading Site:** At the time of the environmental assessment and 106 consultations, it was anticipated that all fill materials would be delivered to the site by truck on local roads. The design now includes an option for the contractor to build a temporary barge unloading site at the north end of the upstream dam work area within the original APE. The proposed redesign also includes the possible use of the existing barge unloading facility owned by Hardin County Port Authority one mile upstream of the dam on the south bank, at the end of Hardin Dock Road.

The location of the proposed sediment basin is located within a previously modified drainage ditch. Furthermore, shovel testing of the adjacent laydown area demonstrated shallow and disturbed subsurface soils as the result of construction of PKH (Thompson 2016). Previous

Mr. E. Patrick McIntyre, Jr.
Page 2
May 3, 2018

consultation also demonstrated that location of the proposed increase to the upstream fill area had been previously disturbed as a result of construction of PKH. The Upstream Staging/Fleeting Area may require some minor ground disturbance of inundated soils as a result of an anchoring system for the staging area. The type of anchoring system (spud barge or temporary buoy moorings) will be determined by the contractor's equipment, schedule, depth of water, river flows and velocity, and any potential direction dictated by the United States Army Corps of Engineers or Coast Guard. The historic photographic and construction documentation is not adequate to determine if the entire footprint of the proposed staging area will be located within previously disturbed areas associated with the construction of PKH. As a precaution, the proposed staging area was redesigned to avoid the mapped boundaries of known previously inundated sites. Currently no improvements are planned for the existing Hardin County Port Authority's unloading facility. Based on these considerations, TVA finds that the proposed undertaking will have no effect on National Register of Historic Places (NRHP) listed, eligible, or potentially eligible archaeological sites. The only proposed redesign that will introduce a new visual element from the previous design that could have the potential to affect the NRHP-listed PKH is the new upstream staging area, but the staging area is temporary in nature and would not cause a long term visual effect.

Pursuant to 36 CFR Part 800.4(d)(1), we are seeking your concurrence with TVA's finding that the proposed undertaking would result in no effects on historic properties.

Pursuant to 36 CFR § 800.3(f)(2), TVA is consulting with federally recognized Indian tribes regarding historic properties within the proposed project's APE that may be of religious and cultural significance and are eligible for the NRHP.

If you have any questions or comments, please contact Michaelyn Harle by phone, (865) 632-2248 or by email, mharle@tva.gov.

Sincerely,



Edward W. Wells on Behalf of Clinton E. Jones
Manager
Cultural Compliance

MSH:ABM

Enclosures

cc (Enclosures):

Ms. Jennifer Barnett
Tennessee Division of Archaeology
1216 Foster Avenue, Cole Bldg. #3
Nashville, Tennessee 37210

INTERNAL COPIES ONLY, NOT TO BE INCLUDED WITH OUTGOING LETTER:

A. Michelle Cagley, KFP 1T-KST
Marty M. Gamble, WT 11C-K
Michaelyn S. Harle, WT 11D-K
Susan R. Jacks, WT 11C-K
Loretta A. McNamee, WT 11D-K
M. Susan Smelley, BR 4A-C
Lori A. Whitehorse, WT 11D-K
ECM, WT CA-K

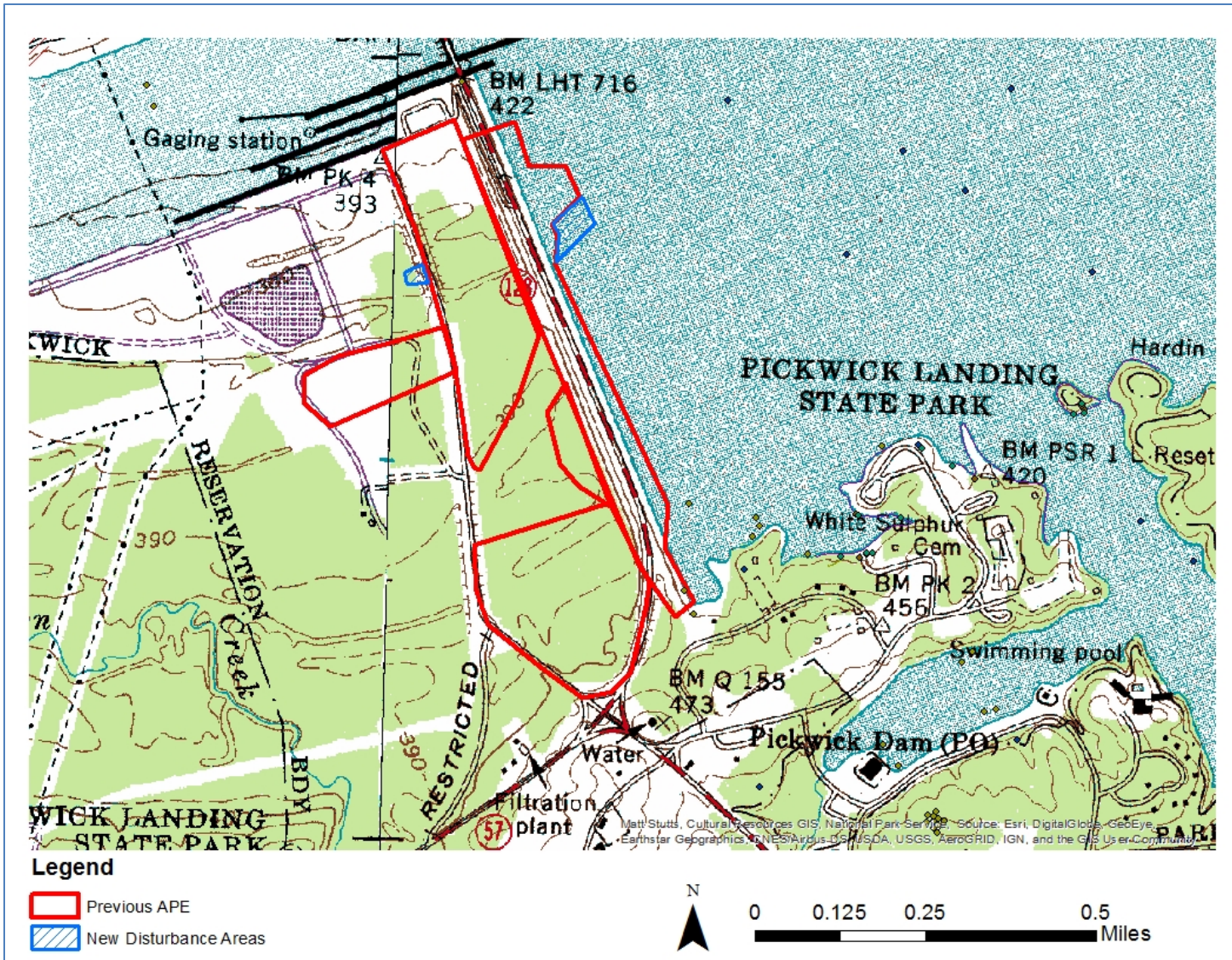


Figure 1. 7.5 Pickwick Quadrangle Depicting the previous APE and new areas of disturbance.

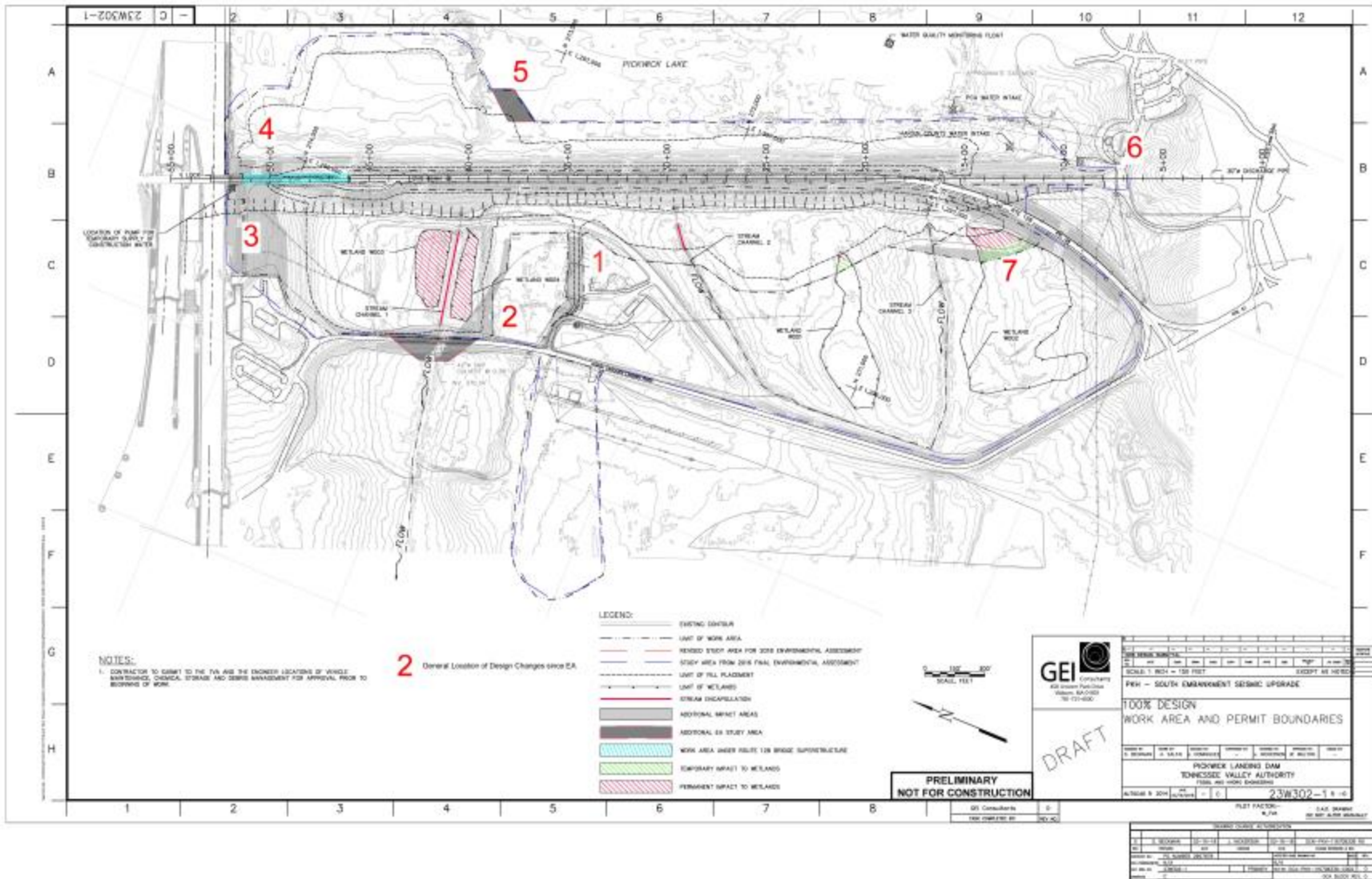


Figure 2. Location of the proposed PKH redesign including the Sediment Basin (#2) and Upstream Fill Area (#5).

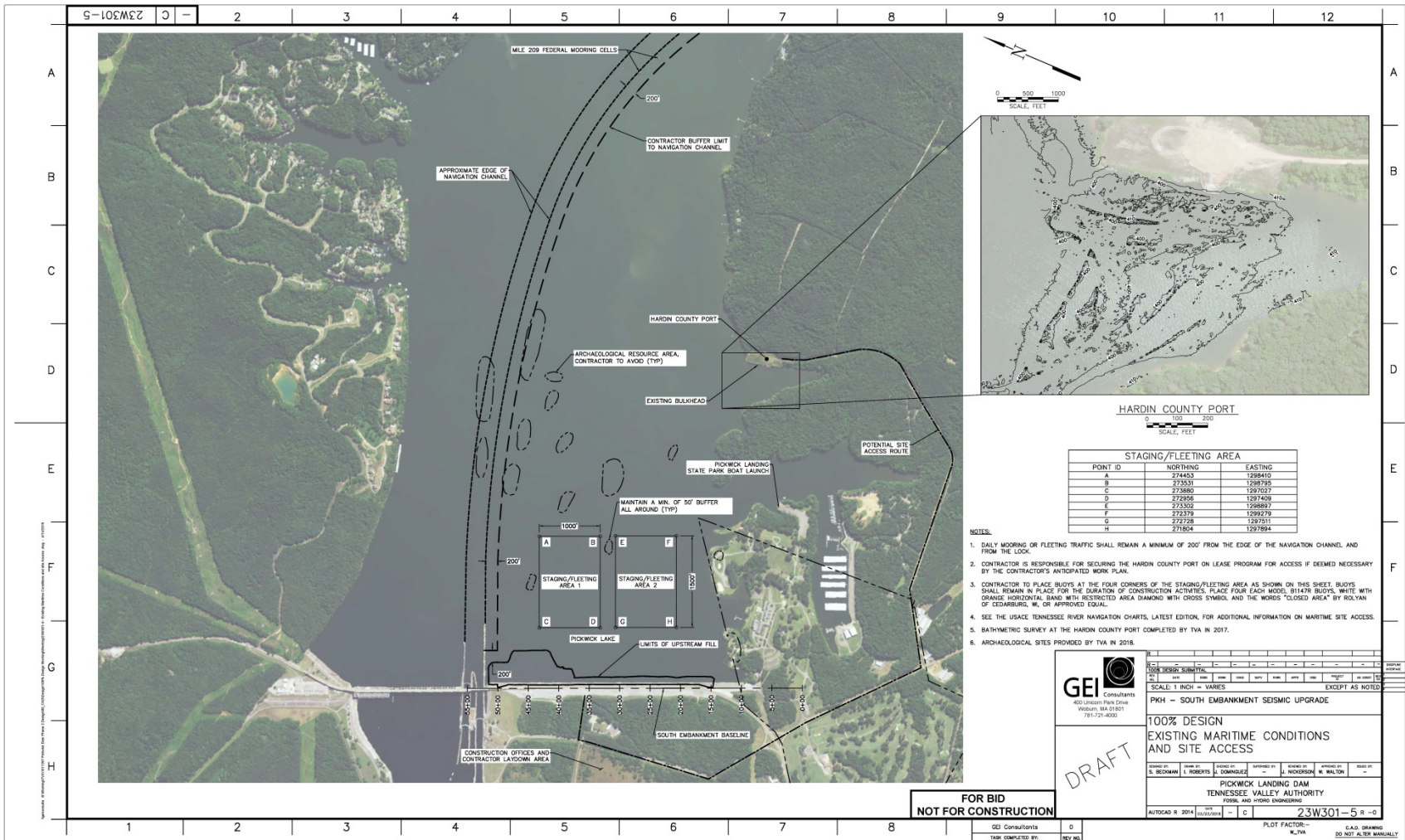


Figure 3. Location of the proposed Upstream Staging/Fleeting Area and Barge Unloading Site.

This page intentionally left blank