



US Army Corps
of Engineers®

PUBLIC NOTICE

Applicant:
Mr. Danny Knight
Horry County Solid Waste
Authority

Published: December 19, 2025
Expires: January 19, 2026

Charleston District
Permit Application No. SAC-2025-00032

TO WHOM IT MAY CONCERN: The Charleston District of the U.S. Army Corps of Engineers (Corps) has received an application for a Department of the Army (DA) permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. § 1344).

The South Carolina Department of Environmental Services (SCDES) is also reviewing an application pursuant to Section 401 of the Clean Water Act (33 U.S.C. § 1341) and the South Carolina Coastal Zone Management Act (48-39-10 et. seq.). The purpose of this public notice is to solicit comments from the public regarding the work described below:

APPLICANT: Mr. Danny Knight
Horry County Solid Waste Authority
1886 Highway 90
Conway, South Carolina 29526

AGENT: Dr. H. Wayne Beam
Beam & Associates
125 Sikes Avenue
Clemson, South Carolina 29631

WATERWAY AND LOCATION: The project would affect waters of the United States associated with Steritt Swamp. The project/review area is located at the existing Horry County Solid Waste Management Facility, south of and adjacent to S.C. Highway 90, near the City of Conway, Horry County, South Carolina (Latitude 33.8189°N and Longitude -78.9690°W) Nixonville Quad.

EXISTING CONDITIONS: The proposed project includes the construction of three (3) new landfill cells: C&D Site 1, C&D Site 2, and MSW Site 1. C&D Site 1 consists of 85 acres total located west of and immediately adjacent to the existing C&D landfill cell. C&D Site 1 contains 30.7 acres of freshwater wetlands and 4.85 acres of upland buffers, all of which are protected under restrictive covenants. C&D Site 2 consists of 160 acres total located south of the existing C&D landfill cell. C&D Site 2 contains 45.9 acres of freshwater wetlands and 23.32 acres of upland buffers, all of which are protected under restrictive covenants. MSW Site 1 consists of 158 acres total located at the southeast end of the property. MSW Site 1 contains 25.8 acres of freshwater wetlands, NONE of which are protected under restrictive covenants. A portion of the

project area includes the previously authorized landfill expansion (SAC-91-3A-195). In accordance with Special Condition b.1 of the Department of the Army permit SAC-91-3A-195, the applicant was required to preserve and buffer the onsite wetlands by means of a Restrictive Covenants. A Declaration of Restrictive Covenants was filed on June 8, 1993 (the "1993 Restrictive Covenant", Deed Book 1641, Page 672), and on March 9, 1998 (the "1998 Restrictive Covenant", Deed Book 2018, Page 1087). The 1993 and 1998 Restrictive Covenants were amended on February 14, 2008 (Deed Book 3315, Page 1740), and in July 2020 (SAC-2004-05388, Filed on July 23, 2020, Deed Book 4328, Page 2984). The amendment filed on July 23, 2020 (SAC-2004-05388) allowed the construction of a pile supported bridge which required clearing of 0.37 acre of wetland preservation and 0.03 acre of associated upland buffer.

APPLICANT'S STATED PROJECT PURPOSE:

Basic: As stated by the applicant, "The basic purpose of the proposed project is to provide additional solid waste landfill capacity for Horry County."

Overall: As stated by the applicant, "The overall project purpose is to provide solid waste management in Horry County that is practicable and consistent with all relevant Federal, State, and local regulations and provide additional landfill capacity for 23.4 million tons of non-divertible waste expected over the next 45 years."

PROPOSED WORK: The applicant is requesting a 15-year Department of the Army permit to construct three (3) new landfill cells (C&D Site 1, C&D Site 2, and MSW Site 1) to provide a total capacity of 23.4 million tons of municipal solid waste (MSW) and construction and demolition waste (C&D). The applicant has also requested to amend the existing Declaration of Restrictive Covenants (SAC-2004-05388, Deed Book 4328, Page 2984), that was recorded for the onsite wetlands, to allow authorization for the construction of two (C&D Site 1 and C&D Site 2) of the three (3) proposed landfill cells. The onsite wetlands in the location of MSW Site 1 are not preserved under restrictive covenants.

C&D Site 1 will require the placement of 30.7 acres of fill material in freshwater wetlands and 4.85 acres of fill material in upland buffers, all of which are protected under restrictive covenants. The landfill cell at this site will have a capacity of 4.1 million tons of C&D waste.

C&D Site 2 will require the placement of 45.9 acres of fill material in freshwater wetlands and 23.32 acres of fill material in upland buffers, all of which are protected under restrictive covenants. The landfill cell at this site will have a capacity of 8.4 million tons of C&D waste.

MSW Site 1 will require the placement of 25.8 acres of fill material in freshwater wetlands, NONE of which are protected under restrictive covenants. The landfill cell will have a capacity of 11.2 million tons of MSW.

Total wetland impacts: 102.4 acres

Construction Methodology for Proposed Landfill Cells:

The C&D landfill cells will be constructed by first removing all trees, vegetation, and organic soils within the footprint of proposed cell. The bottom elevation of the landfill will be at least two feet above the seasonal high-water table as it exists prior to construction of the landfill cell. Structural backfill will be placed as required to provide adequate separation between the landfill base grades and seasonal high-water table. C&D waste will then be placed in the landfill and covered as required until final waste grades are achieved. Upon final waste grades being reached, the final closure system will be installed consisting of a minimum 2-foot-thick soil layer. The C&D landfill cells will be designed to produce no leachate. Groundwater will be sampled annually to determine if any contamination occurs.

MSW Site 1 will be constructed by first removing all trees, vegetation, and organic soils within the footprint of the proposed cell. The bottom elevation of the landfill will be at least three feet above the seasonal high-water table as it exists prior to construction of the landfill cell. Structural backfill will be placed as required to provide adequate separation between the landfill base grades and seasonal high-water table. A composite liner system will be used, consisting of a compacted soil liner at least two feet thick with a flexible membrane liner (FML) placed directly on top of the compacted soil liner. A leachate collection system will be installed on top of the liner system, consisting of a network of perforated pipes embedded in an approximately two-foot thick layer of protective cover soil and/or aggregate. These pipes will lead to a sump system where leachate is collected and pumped to a storage facility and ultimately discharged to a treatment facility. MSW waste will then be placed on top of the liner and leachate collection system and covered as required until final waste grades are achieved. Upon final waste grades being reached, the final closure system will be installed consisting of a minimum 18-inch thick compacted low-permeability soil layer, FML, and minimum 1-ft thick layer of earthen material capable of sustaining native plant growth.

AVOIDANCE AND MINIMIZATION: As stated by the applicant, "Complete avoidance of all wetland impacts is not possible under any of the alternatives identified for this project. No-impact alternatives (i.e., those that do not involve construction of new landfill capacity) are not practicable and do not meet the overall project purpose. All Off-site and On-site alternatives (i.e., those that involve construction of new landfill cells) are simply too large to completely avoid wetland impacts. This is a direct consequence of the widespread prevalence of wetlands in Horry County and the size of the area required to accomplish the overall project purpose, which ranges from about 400 acres to over 1800 acres."

The applicant further stated, "Wetland impacts have been further minimized by fine-tuning the location and the footprint of each proposed landfill cell. The optimal geometry of a landfill cell is square or slightly rectangular, and any significant deviation from that basic shape results in significant reductions in landfill capacity and increases

in cost of construction. Various alternative shapes and sizes within these limitations were considered for each proposed landfill, with the overall goal of utilizing upland areas and ponds previously excavated in uplands within the proposed landfill footprint as much as possible, and minimizing wetland impacts as much as possible. In addition, the project design further minimizes the overall cell footprint by maximizing the angle of the landfill side slopes (4:1), consistent with all the previously permitted landfill units there. Each landfill cell must allow for constructability during waste placement, seismic stability in the event of an earthquake, stormwater management, and short- and long-term maintenance of the overall structure. A landfill cell with 4:1 side slopes is the steepest practicable design that can accommodate these factors and minimizes the overall footprint as much as practicable.”

COMPENSATORY MITIGATION: The applicant has proposed to mitigate for the amendment of the existing Declaration of Restrictive Covenants, and the impacts to wetlands and/or waters of the United States by purchasing credits from an approved mitigation bank.

SOUTH CAROLINA DEPARTMENT OF ENVIRONMENTAL SERVICES:

SCDES, as the certifying authority for a 401 Water Quality Certification (401 WQC), is reviewing a request for certification to evaluate whether the proposed activity will comply with applicable water quality requirements in accordance with Clean Water Act Section 401 (33 U.S.C. § 1341) and 40 CFR Part 121. The applicant is responsible for requesting a 401 WQC and providing the State any supplemental information that may be required to complete their review. A DA permit may not be issued prior to receipt of a certification (or waiver of certification) from SCDES.

COASTAL ZONE: The work shown on this application must also be certified as consistent with applicable provisions of the Coastal Zone Management Program (15 CFR 930).

For questions regarding SCDES permitting procedures, please visit <https://des.sc.gov/permits-regulations/permit-central>. SCDES will receive written comments about the proposed work, as outlined above, until January 19, 2026. Comments may be submitted directly to the South Carolina Department of Environmental Services by email at WQCWetlands@des.sc.gov.

CULTURAL RESOURCES:

The Corps evaluated the undertaking pursuant to Section 106 of the National Historic Preservation Act (NHPA) utilizing its existing program-specific regulations and procedures along with 36 CFR Part 800. The Corps' program-specific procedures include 33 CFR 325, Appendix C, and revised interim guidance issued in 2005 and 2007, respectively. The District Engineer consulted district files and records and the latest published version of the National Register of Historic Places (NRHP) and initially determines that:

Cultural resources that have been determined not eligible for inclusion in the NRHP are present within the Corps' permit area; therefore, there will be no historic properties affected by the proposed work. The Corps subsequently requests concurrence from the State Historic Preservation Officer (SHPO) and/or Tribal Historic Preservation Officer (THPO).

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required, and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

ENDANGERED SPECIES: The Corps has performed an initial review of the application and the U.S. Fish and Wildlife Service (USFWS) to determine if any threatened, endangered, proposed, or candidate species, as well as the proposed and final designated critical habitat may occur in the vicinity of the proposed project.

The following species and/or critical habitat have the potential to be present in the action area:

Table ##: ESA-listed species and/or potentially present in the action area.

Species Common Name and/or Critical Habitat Name	Scientific Name	Federal Status
American Chaffseed	Schwalbea americana	Endangered
Canby's Dropwort	Oxypolis canbyi	Endangered
Piping Plover	Charadrius melodus	Threatened
Red-cockaded Woodpecker	Dryobates borealis	Threatened
Rufa Red Knot	Calidris canutus rufa	Threatened
Pondberry	Lindera melissifolia	Endangered
Wood Stork	Mycteria americana	Threatened
Monarch Butterfly	Danaus plexippus	Proposed Threatened
Northern Long-eared Bat	Myotis septentrionalis	Endangered

Southern Hognose Snake	Heterodon simus	Proposed Threatened
Tricolored Bat	Perimyotis subflavus	Proposed Endangered

Pursuant to Section 7 of the ESA, any required consultation with the Service(s) will be conducted in accordance with 50 CFR part 402.

This notice serves as request to the U.S. Fish and Wildlife Service (USFWS Project Code: 2026-0026426) for any additional information on whether any listed or proposed to be listed endangered or threatened species or critical habitat may be present in the area which would be affected by the proposed activity.

ESSENTIAL FISH HABITAT: Pursuant to the Magnuson-Stevens Fishery Conservation and Management Act 1996, the Corps reviewed the project area, examined information provided by the applicant, and consulted available species information.

The Corps has determined the proposal would have no effect on any Essential Fish Habitat (EFH). Implementation of the proposed project would impact 102.4 acres of direct impacts to freshwater, non-tidal wetlands located inland of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the shrimp, and snapper-grouper management complexes. Therefore, no consultation with the National Marine Fisheries Service on EFH as required by the Magnuson-Stevens Fishery Conservation and Management Act 1996 is required.

NAVIGATION: The proposed structure or activity is not located in the vicinity of a federal navigation channel.

SECTION 408: The proposed project will not require permission under Section 14 of the Rivers and Harbors Act of 1899 (33 USC 408) because the activity, in whole or in part, would not alter, occupy, or use a Corps Civil Works project.

NOTE: This public notice is being issued based on information furnished by the applicant. This information has not been verified or evaluated to ensure compliance with laws and regulation governing the regulatory program. The geographic extent of aquatic resources within the proposed project area that either are, or are presumed to be, within the Corps jurisdiction has not been verified by Corps personnel.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed 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 proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including cumulative impacts thereof; among these are conservation, economics, aesthetics, general environmental concerns, wetlands, historical properties, fish and

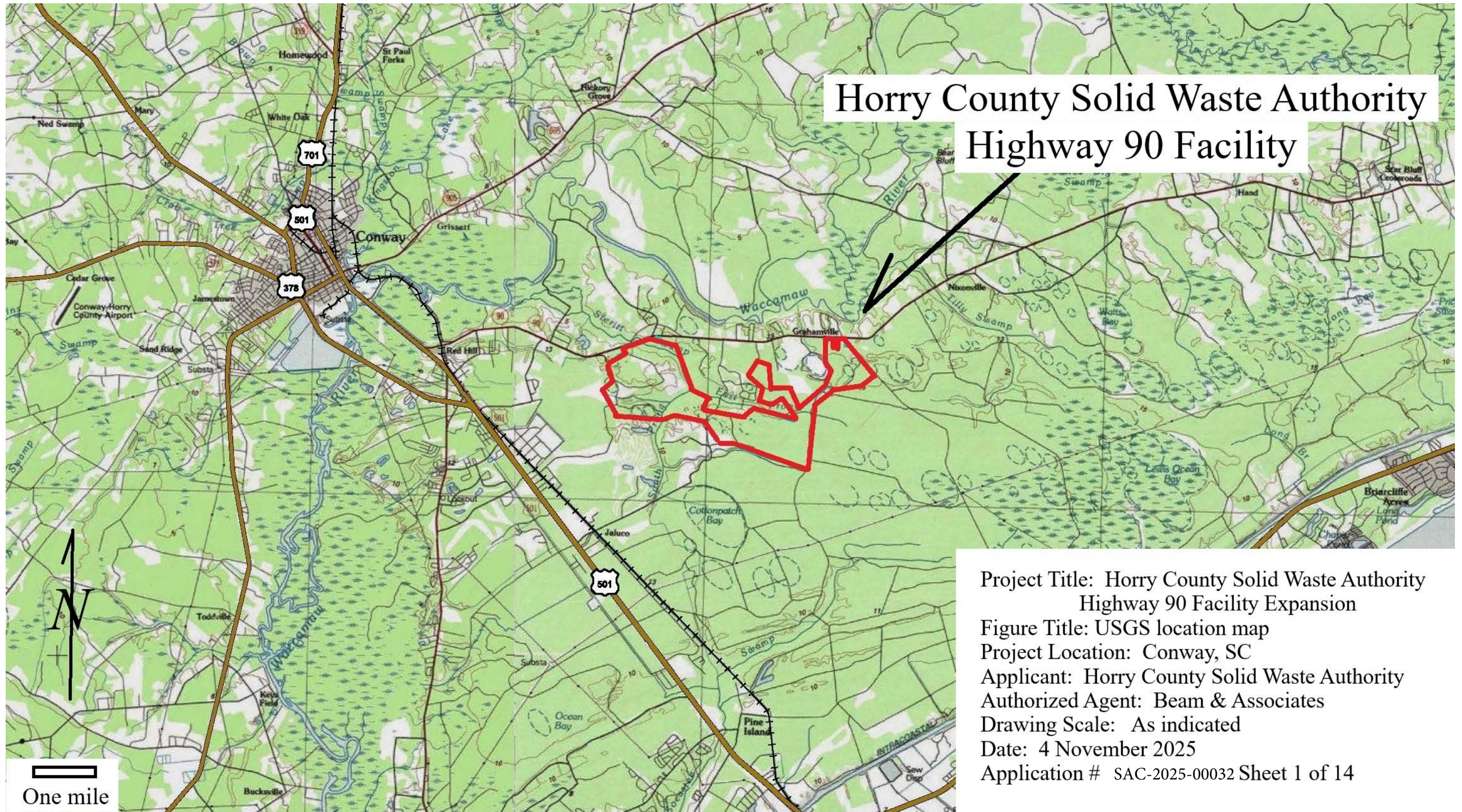
wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food, and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people. Evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, EPA, under authority of Section 404(b) of the Clean Water Act or the criteria established under authority of Section 102(a) of the Marine Protection Research and Sanctuaries Act of 1972. A permit will be granted unless its issuance is found to be contrary to the public interest.

COMMENTS: The Corps is soliciting comments from the public; Federal, State, and local agencies and officials; Indian 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 to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this determination, comments are used to assess impacts to 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 (EA) and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act (NEPA). Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The Charleston District will receive written comments on the proposed work, as outlined above, until January 19, 2026. Comments should be submitted electronically via the Regulatory Request System (RRS) at <https://rrs.usace.army.mil/rrs> or to Wiley Bracey at wiley.c.bracey@usace.army.mil. Alternatively, you may submit comments in writing to the District Engineer, U.S. Army Corps of Engineers, Charleston District, Attention: Wiley Bracey, 1949 Industrial Park Road, Room 140, Conway, South Carolina 29526. Please refer to the permit application number in your comments.

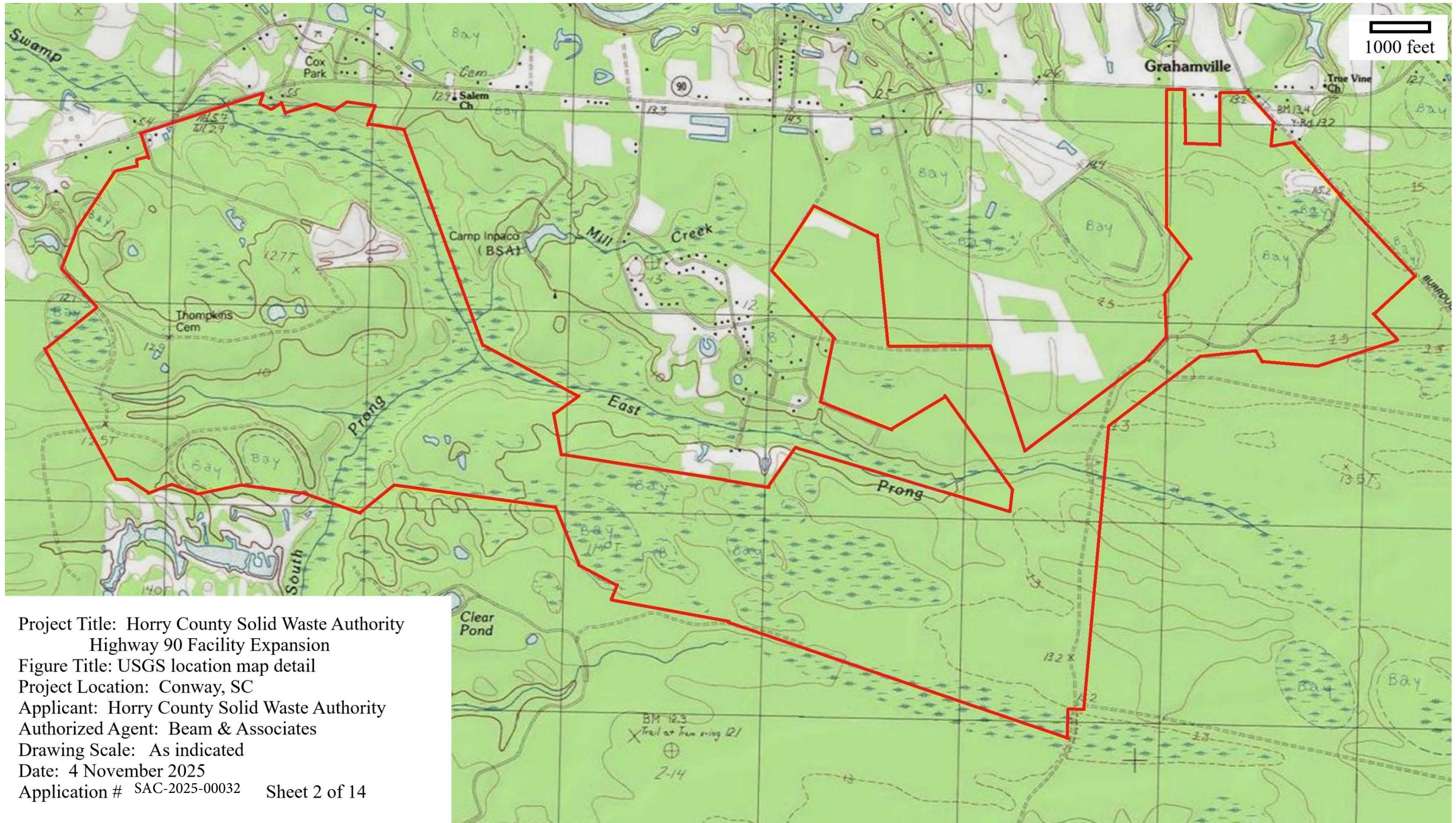
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Requests for a public hearing will be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing.

As noted above, SCDES will receive written comments about the proposed work, as outlined above, until January 19, 2026. Comments may be submitted directly to the South Carolina Department of Environmental Services by email at wqcwetlands@des.sc.gov.



Horry County Solid Waste Authority Highway 90 Facility

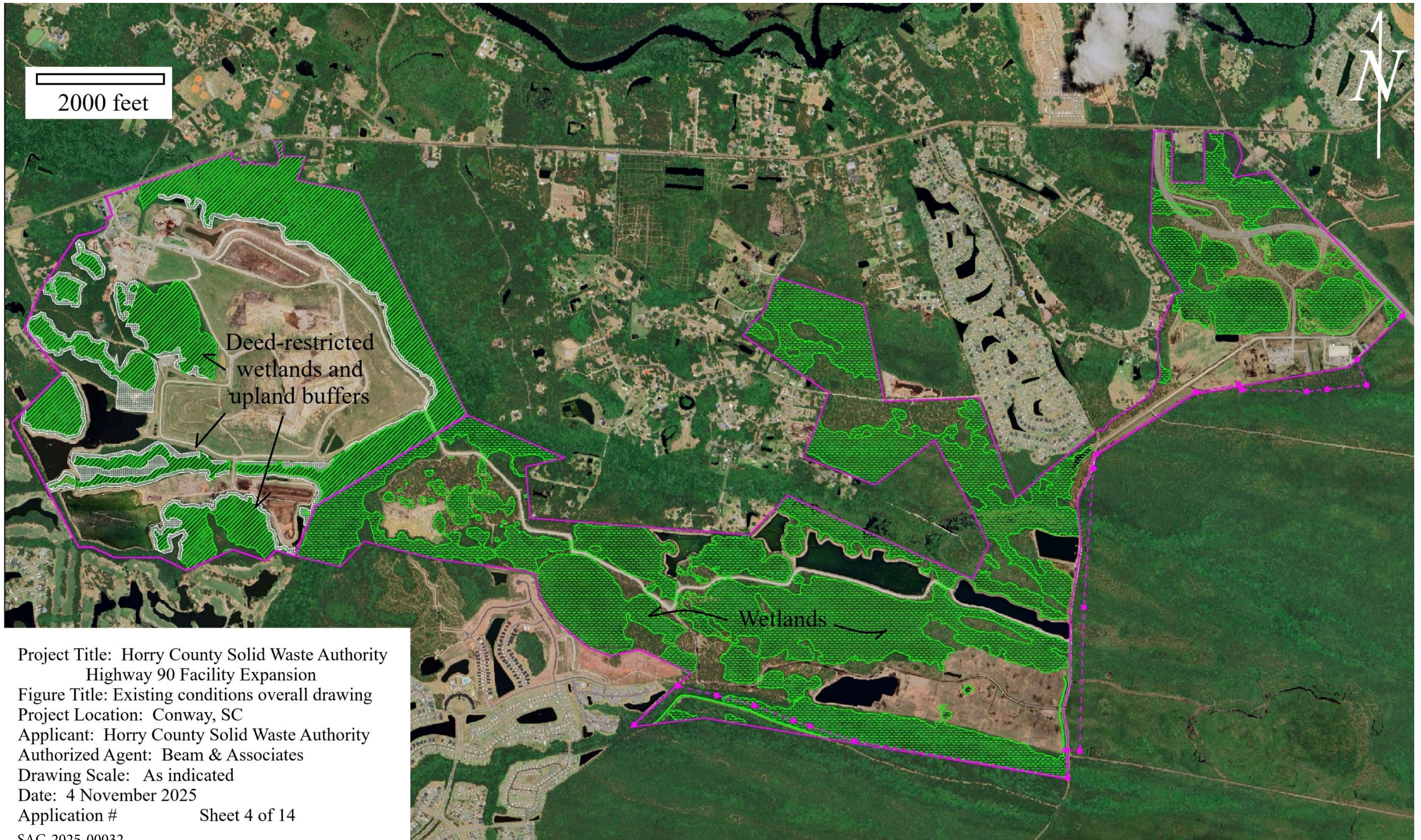
Project Title: Horry County Solid Waste Authority
Highway 90 Facility Expansion
Figure Title: USGS location map
Project Location: Conway, SC
Applicant: Horry County Solid Waste Authority
Authorized Agent: Beam & Associates
Drawing Scale: As indicated
Date: 4 November 2025
Application # SAC-2025-00032 Sheet 1 of 14



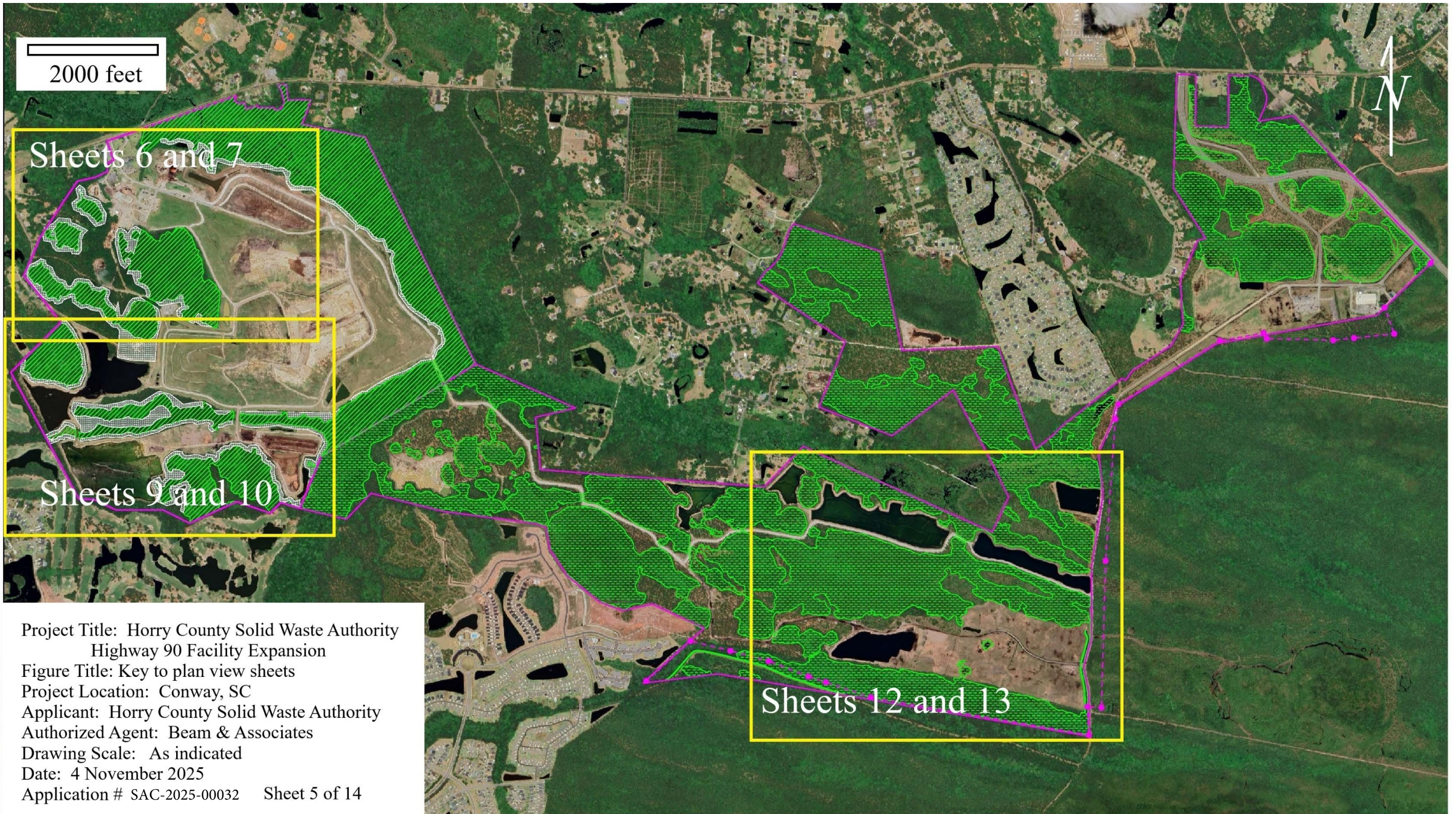
Project Title: Horry County Solid Waste Authority
Highway 90 Facility Expansion
Figure Title: USGS location map detail
Project Location: Conway, SC
Applicant: Horry County Solid Waste Authority
Authorized Agent: Beam & Associates
Drawing Scale: As indicated
Date: 4 November 2025
Application # SAC-2025-00032 Sheet 2 of 14



Project Title: Horry County Solid Waste Authority
Highway 90 Facility Expansion
Figure Title: Horry County GIS tax map and aerial photo
Project Location: Conway, SC
Applicant: Horry County Solid Waste Authority
Authorized Agent: Beam & Associates
Drawing Scale: As indicated
Date: 4 November 2025
Application # SAC-2025-00032 Sheet 3 of 14



Project Title: Horry County Solid Waste Authority
Highway 90 Facility Expansion
Figure Title: Existing conditions overall drawing
Project Location: Conway, SC
Applicant: Horry County Solid Waste Authority
Authorized Agent: Beam & Associates
Drawing Scale: As indicated
Date: 4 November 2025
Application # Sheet 4 of 14
SAC-2025-00032



Project Title: Horry County Solid Waste Authority
Highway 90 Facility Expansion
Figure Title: Key to plan view sheets
Project Location: Conway, SC
Applicant: Horry County Solid Waste Authority
Authorized Agent: Beam & Associates
Drawing Scale: As indicated
Date: 4 November 2025
Application # SAC-2025-00032 Sheet 5 of 14

Project Title: Horry County Solid Waste Authority
Highway 90 Facility Expansion

Figure Title: C&D Site 1 plan view existing conditions

Project Location: Conway, SC

Applicant: Horry County Solid Waste Authority

Authorized Agent: Beam & Associates

Drawing Scale: As indicated

Date: 4 November 2025

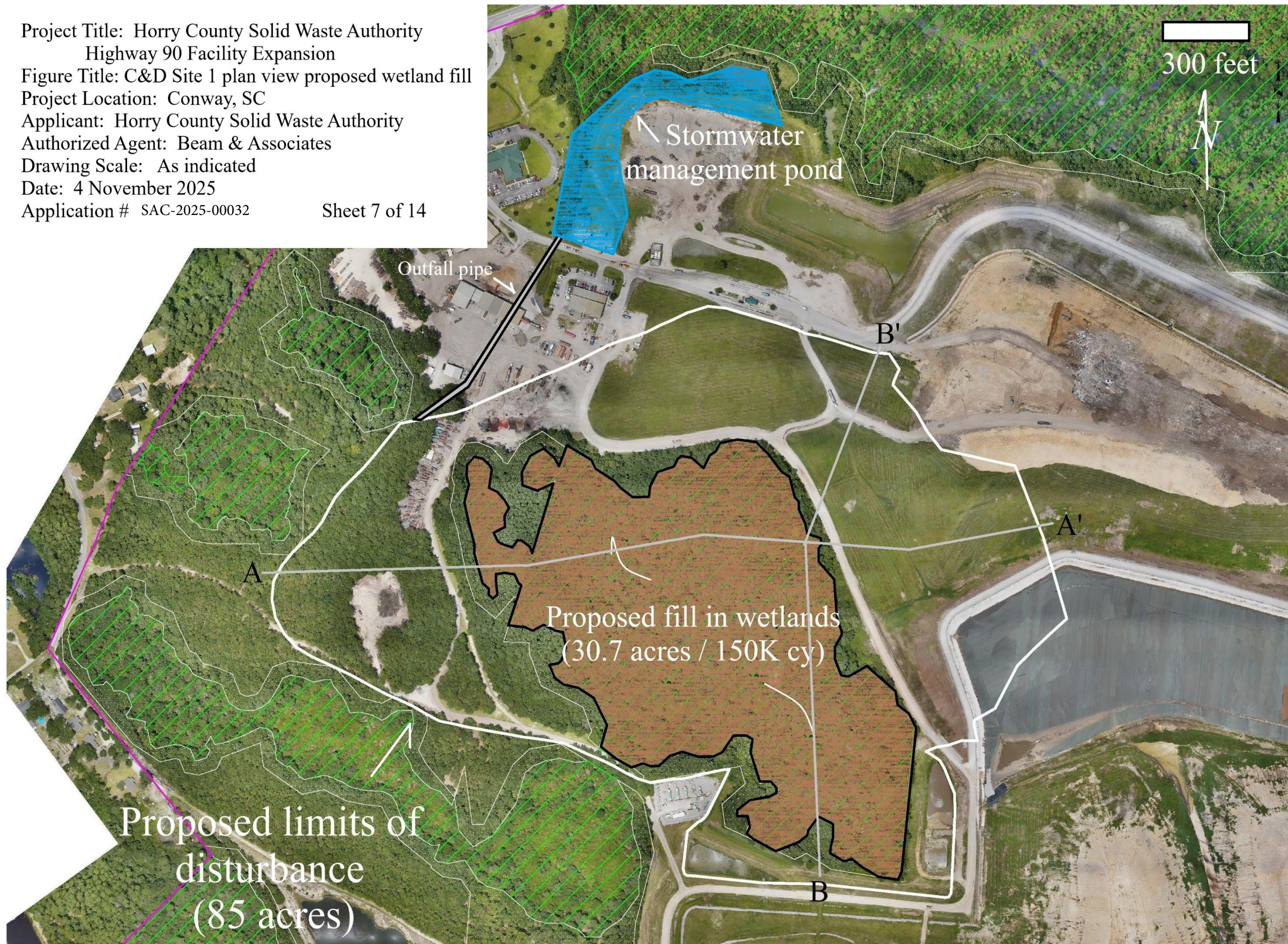
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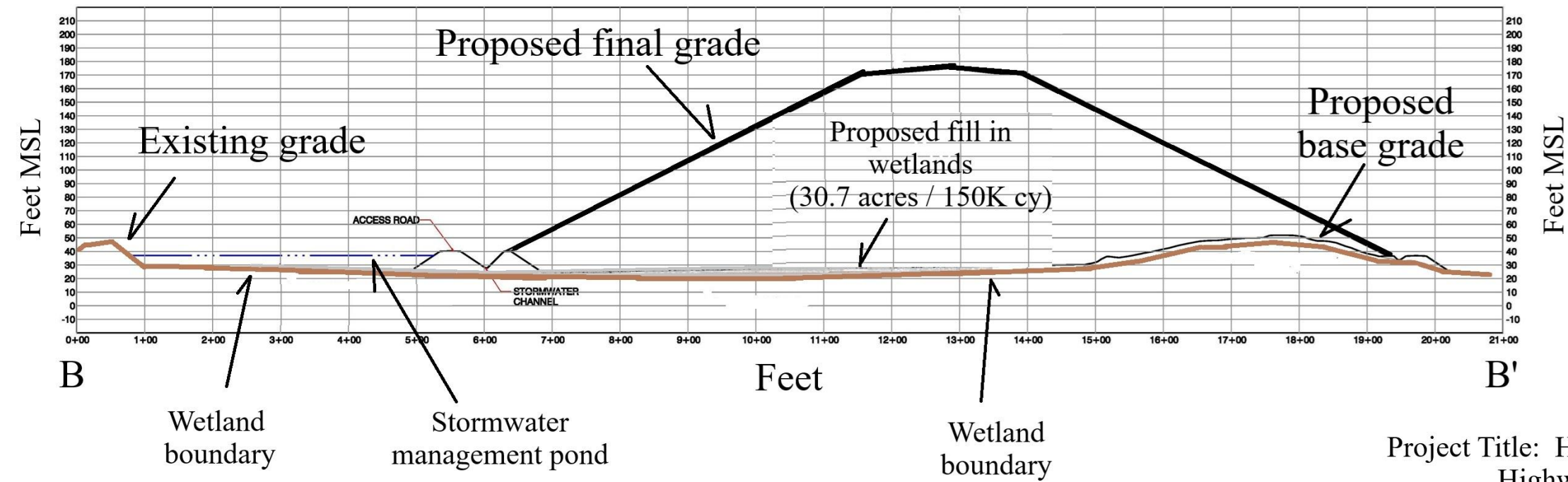
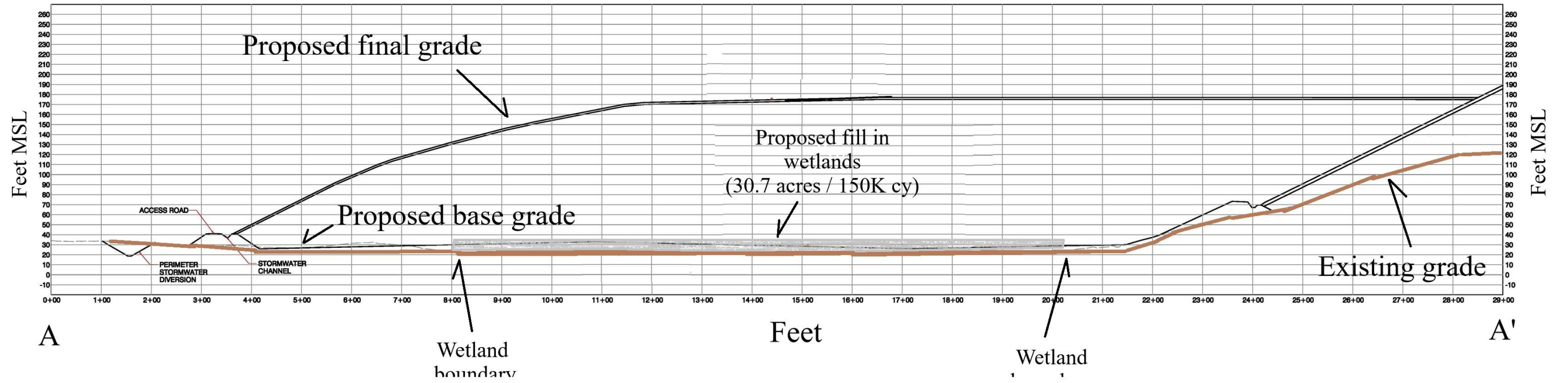
Sheet 6 of 14



Project Title: Horry County Solid Waste Authority
Highway 90 Facility Expansion
Figure Title: C&D Site 1 plan view proposed wetland fill
Project Location: Conway, SC
Applicant: Horry County Solid Waste Authority
Authorized Agent: Beam & Associates
Drawing Scale: As indicated
Date: 4 November 2025
Application # SAC-2025-00032

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Project Title: Horry County Solid Waste Authority
 Highway 90 Facility Expansion
 Figure Title: C&D Site 1 cross-sections A-A' and B-B'
 Project Location: Conway, SC
 Applicant: Horry County Solid Waste Authority
 Authorized Agent: Beam & Associates
 Drawing Scale: As indicated
 Date: 4 November 2025
 Application # SAC-2025-00032 Sheet 8 of 14

Project Title: Horry County Solid Waste Authority
Highway 90 Facility Expansion

Figure Title: C&D Site 2 plan view existing conditions

Project Location: Conway, SC

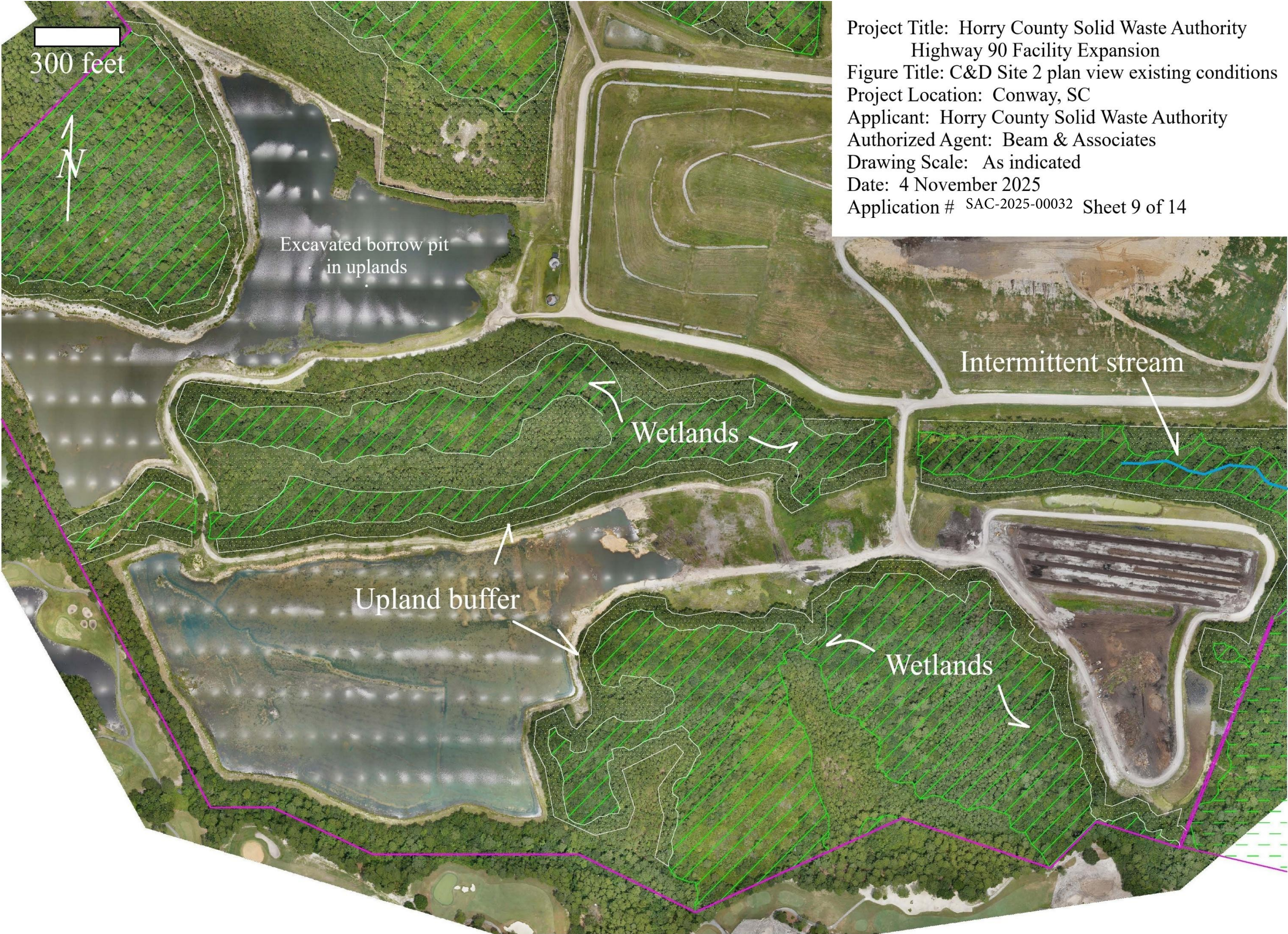
Applicant: Horry County Solid Waste Authority

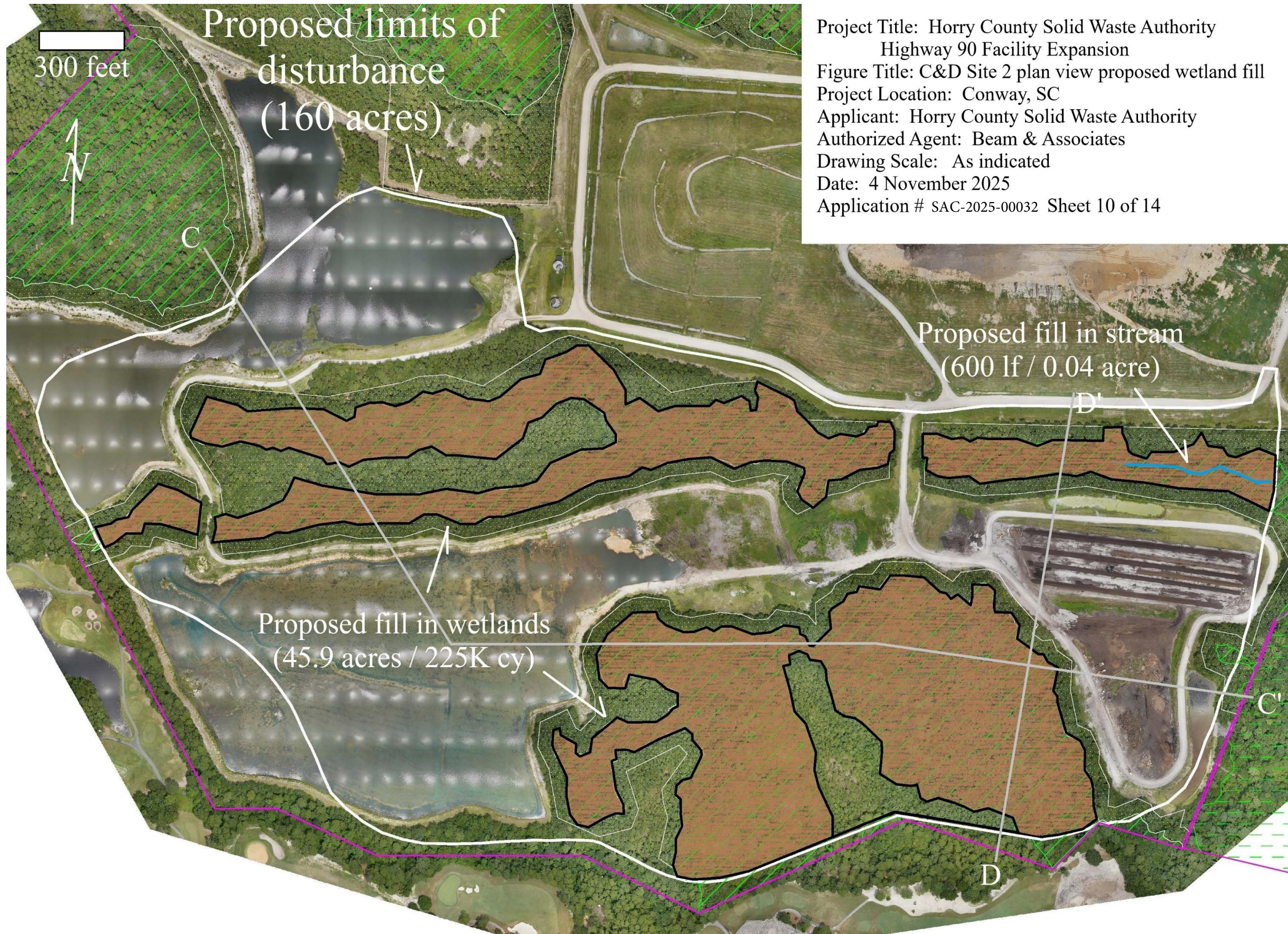
Authorized Agent: Beam & Associates

Drawing Scale: As indicated

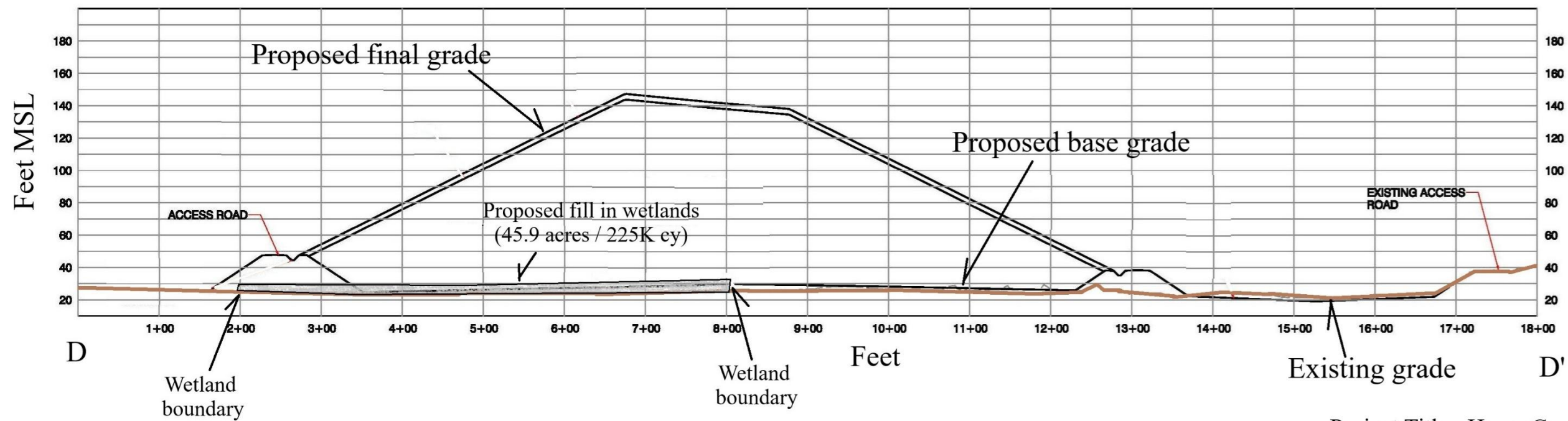
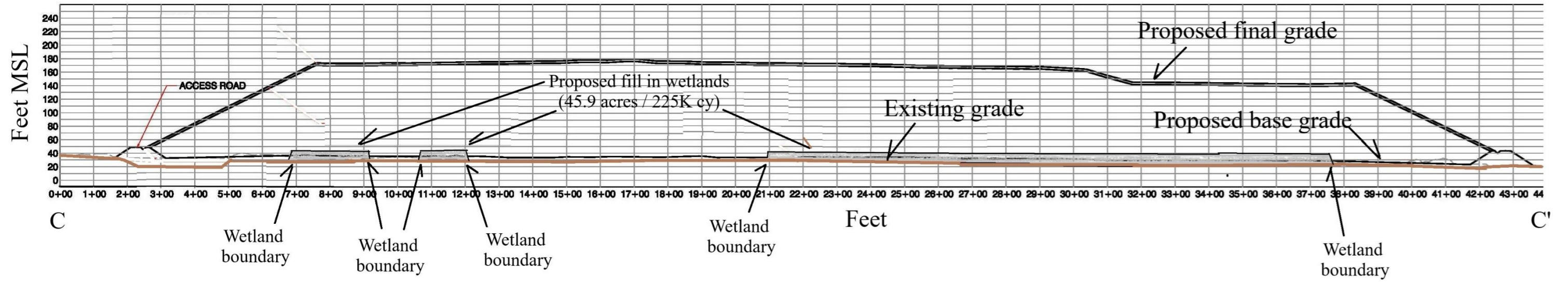
Date: 4 November 2025

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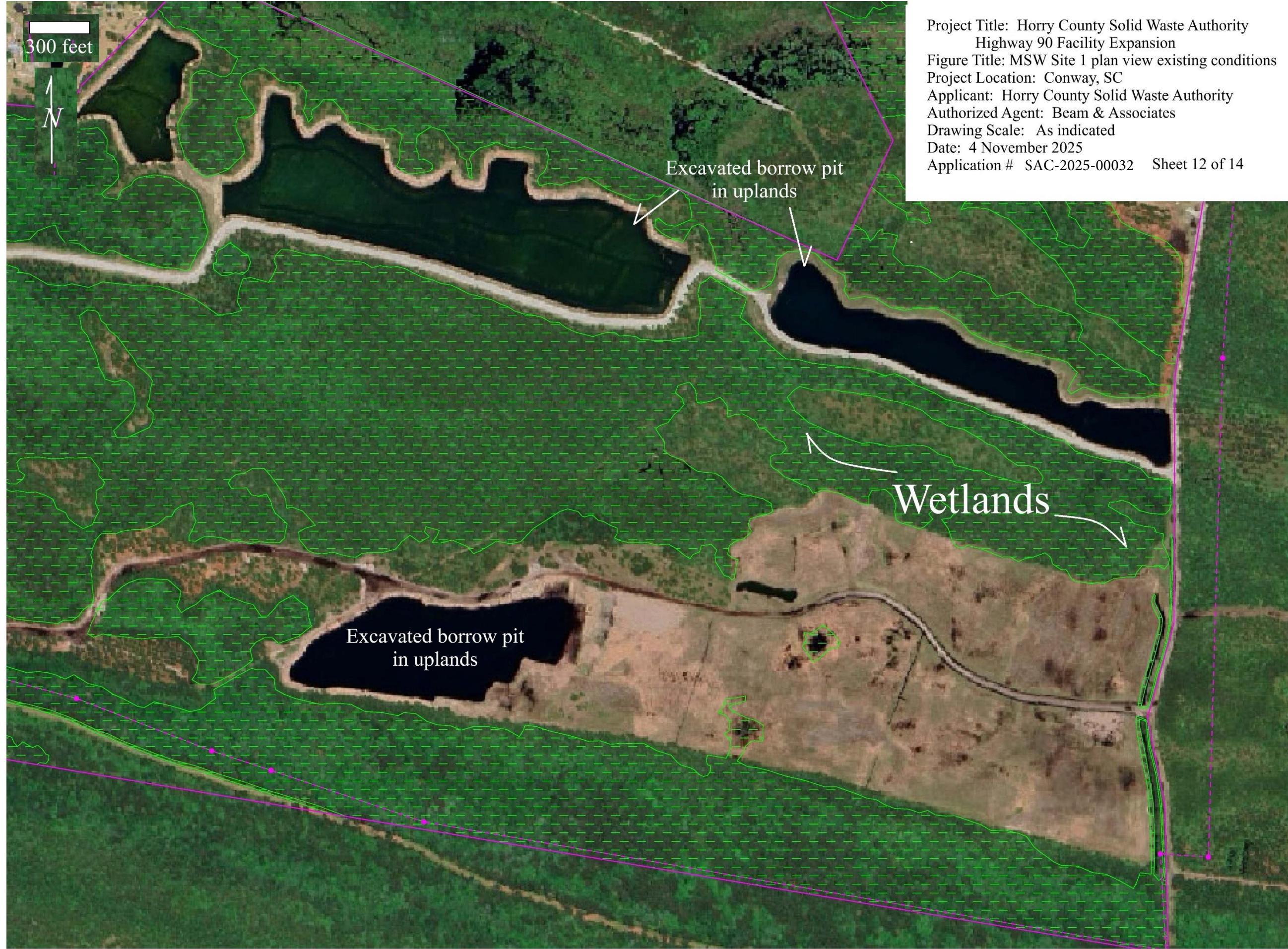




Project Title: Horry County Solid Waste Authority
Highway 90 Facility Expansion
Figure Title: C&D Site 2 plan view proposed wetland fill
Project Location: Conway, SC
Applicant: Horry County Solid Waste Authority
Authorized Agent: Beam & Associates
Drawing Scale: As indicated
Date: 4 November 2025
Application # SAC-2025-00032 Sheet 10 of 14

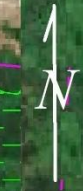


Project Title: Horry County Solid Waste Authority
 Highway 90 Facility Expansion
 Figure Title: C&D Site 2 cross-sections C-C' and D-D'
 Project Location: Conway, SC
 Applicant: Horry County Solid Waste Authority
 Authorized Agent: Beam & Associates
 Drawing Scale: As indicated
 Date: 4 November 2025
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Project Title: Horry County Solid Waste Authority
Highway 90 Facility Expansion
Figure Title: MSW Site 1 plan view existing conditions
Project Location: Conway, SC
Applicant: Horry County Solid Waste Authority
Authorized Agent: Beam & Associates
Drawing Scale: As indicated
Date: 4 November 2025
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300 feet

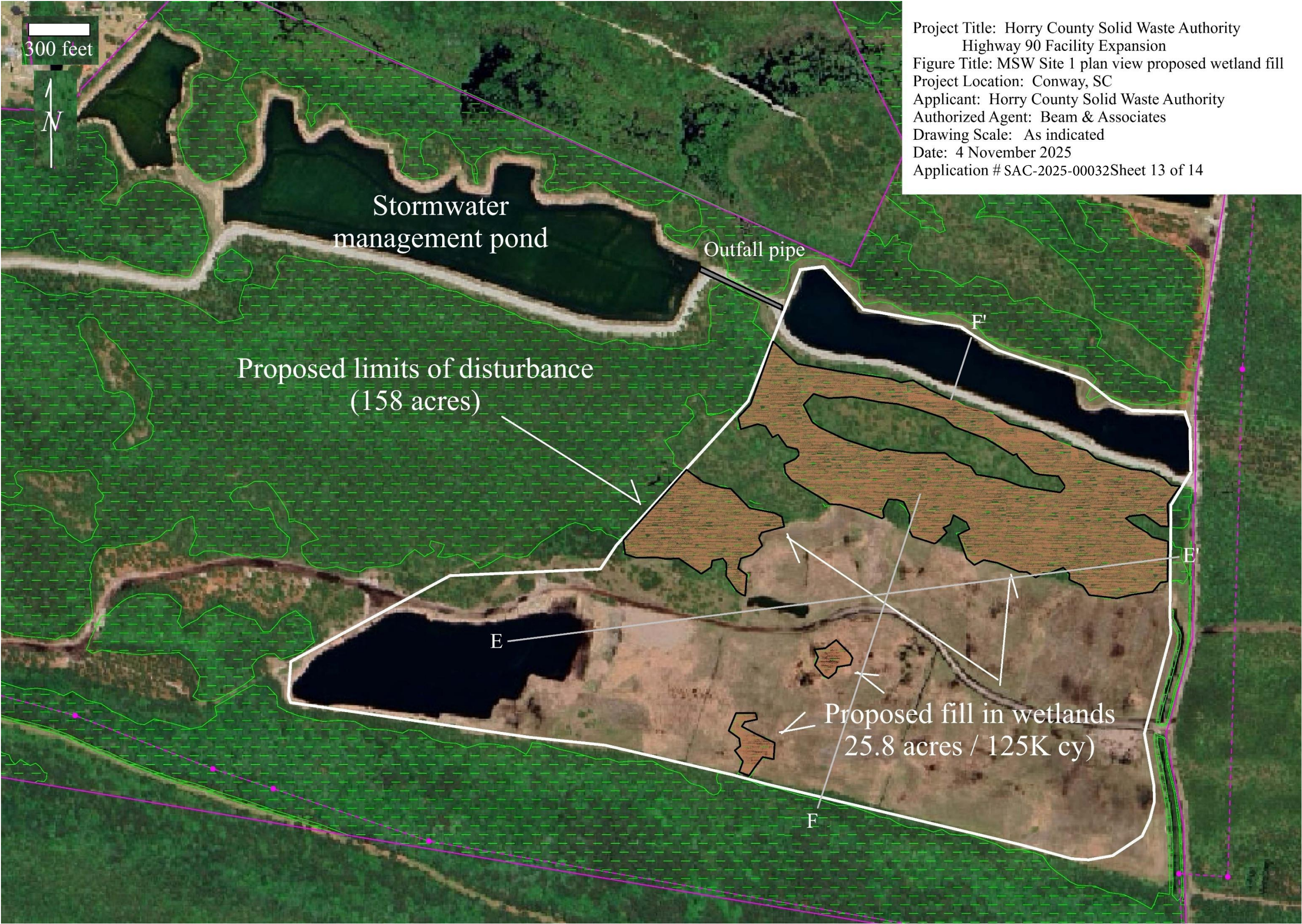


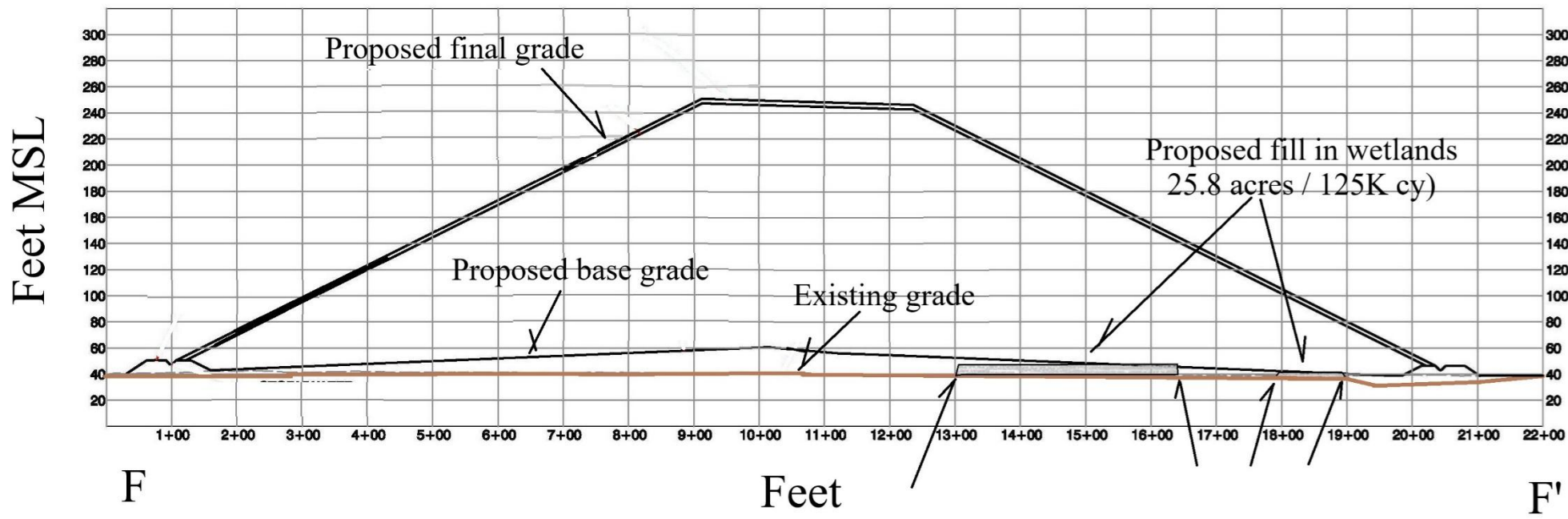
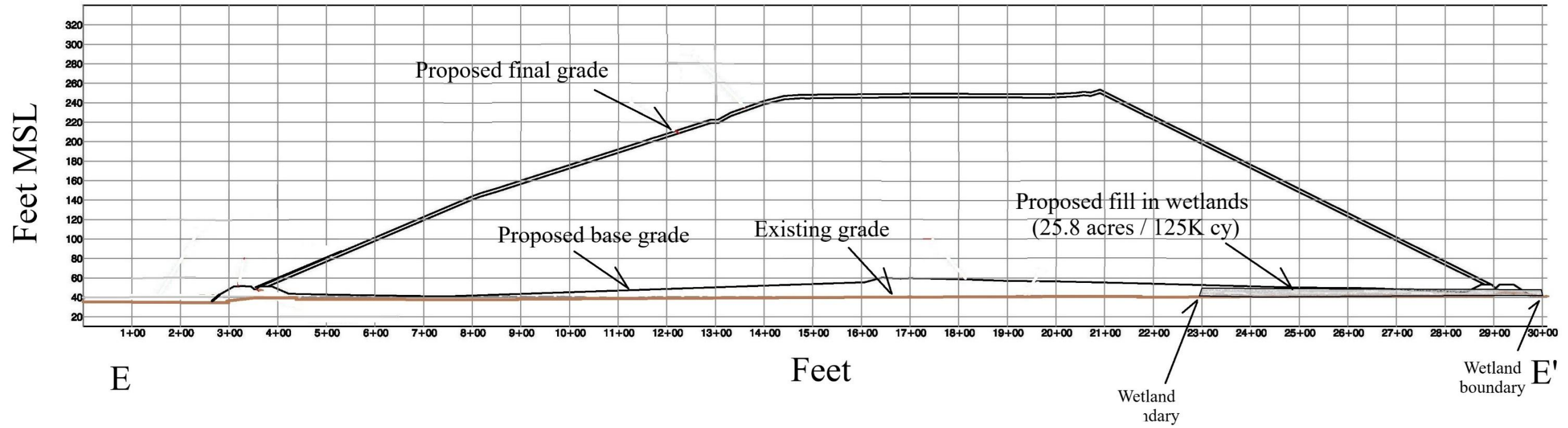
Excavated borrow pit
in uplands

Wetlands

Excavated borrow pit
in uplands

Project Title: Horry County Solid Waste Authority
Highway 90 Facility Expansion
Figure Title: MSW Site 1 plan view proposed wetland fill
Project Location: Conway, SC
Applicant: Horry County Solid Waste Authority
Authorized Agent: Beam & Associates
Drawing Scale: As indicated
Date: 4 November 2025
Application # SAC-2025-00032 Sheet 13 of 14





Project Title: Horry County Solid Waste Authority
 Highway 90 Facility Expansion
 Figure Title: MSW Site 1 cross-sections E-E' and F=F'
 Project Location: Conway, SC
 Applicant: Horry County Solid Waste Authority
 Authorized Agent: Beam & Associates
 Drawing Scale: As indicated
 Date: 4 November 2025
 Application # SAC-2025-00032 Sheet 14 of 14