

**STATE OF SOUTH CAROLINA
ADMINISTRATIVE LAW COURT**

Park West Master Association, Inc., and Smart
Growth Highway 41,

Petitioners,

v.

South Carolina Department of Environmental
Services and Charleston County,

Respondents.

Docket No. _____

Re: Permit No. 2018-00205
South Carolina Highway 41 Corridor
Improvements Project
Section 401 Water Quality
Certification

**REQUEST FOR CONTESTED
CASE HEARING**

INTRODUCTION

Petitioners Park West Master Association, Inc. (“PWMA”) and Smart Growth Highway 41 (“SG41”)(“Petitioners”), pursuant to S.C. Code Ann. § 44-1-60 and the South Carolina Administrative Procedures Act, S.C. Code Ann. § 1-23-310 et seq., respectfully request a contested case hearing before the South Carolina Administrative Law Court. Petitioners seek de novo review of the decision of the South Carolina Department of Environmental Services (“SCDES”) to issue Permit No. 2018-00205 (“Permit”), which functions as the Clean Water Act Section 401 water quality certification for the South Carolina Highway 41 Corridor Improvements Project in Charleston County, South Carolina (the “Project”).

I. PARTIES REQUESTING THE HEARING

Petitioner PWMA is a homeowners association representing more than 2,400 households of the Park West community, which lies adjacent to the Highway 41 corridor in Charleston County, South Carolina. Petitioner SG41 is a community organization of concerned citizens advocating for the best transportation solution for the Highway 41 corridor, one that meets mobility needs while protecting the corridor’s wetlands, waters, parkland, and neighborhoods.

The Petitioners and their members own property, reside, travel, and recreate in the affected corridor. They rely on the drainage systems, wetlands, creeks, and receiving waters that will be affected by the Project, including Horlbeck Creek, Mill Creek, Toomer Creek, Copahee Sound, and the Wando River. The Project's wetland fill, floodplain encroachment, and stormwater discharges threaten Petitioners' property, safety, and use and enjoyment of these resources, and Petitioners are therefore aggrieved by the SCDES decision.

II. ISSUES FOR WHICH THE HEARING IS REQUESTED

Petitioners challenge SCDES's issuance of Permit No. 2018-00205 on the following grounds:

1. SCDES failed to impose appropriate flow, circulation, and drainage requirements and to comply with the reasonable-assurance standard of applicable law.
2. SCDES granted the stormwater detention waiver without an appropriate written, site-specific demonstration of no significant adverse downstream impact as required by law.
3. SCDES failed to perform appropriate outfall-specific analyses of discharges to Shellfish Harvesting Waters and Outstanding Resource Waters.
4. SCDES failed to perform pollutant-loading or TMDL-consistency analyses demonstrating that existing uses of sensitive and impaired waters will be maintained.
5. SCDES improperly allowed mitigation credits for purchases from banks approximately 50 miles from the Project with no hydrological connection to the affected waterbodies.
6. SCDES failed to properly evaluate the Project's connected receiving systems as a whole or to assess the combined effects of multiple outfalls, wetland losses, and floodplain encroachment across the interconnected Wando watershed.

7. SCDES failed to adequately address the material technical objections Petitioners submitted between 2023 and 2026.

8. SCDES failed to appropriately complete final coordination with the U.S. Fish and Wildlife Service, the National Marine Fisheries Service, and the South Carolina Department of Natural Resources before certification.

9. SCDES failed to comply with applicable requirements of the Coastal Management Plan.

10. SCDES failed to follow the requirements of Regulation 61-101 for areas of the Project outside the critical area.

11. SCDES failed to perform an appropriate analysis of feasible alternatives before allowing filling in wetland areas.

12. Petitioner reserves the right to raise additional issues as they are identified through discovery in this matter.

III. AGENCY DECISION

A copy of SCDES's written final decision—Permit No. 2018-00205, issued September 3, 2026, as a Critical Area Permit and Coastal Zone Consistency Certification functioning as the Section 401 water quality certification for the Project—is attached hereto as Exhibit A.

IV. RELIEF REQUESTED

Petitioners respectfully request that the Administrative Law Court:

(a) Conduct a de novo review of SCDES's decision to issue Permit No. 2018-00205;

(b) Remand the matter to SCDES with instructions to deny the certification or, alternatively, to require the applicant to address the deficiencies identified herein before reissuance; and

(c) Grant such other and further relief as the Court deems just and proper.

Dated: October 2, 2026

Respectfully submitted,

s/ Elizabeth B. Partlow
SC Bar No. 4348
Attorney for Petitioners
1800 Platt Springs Rd.
West Columbia, SC 29169
(803) 814-0868
beth@partlowlaw.com

CERTIFICATE OF SERVICE

I hereby certify that on October 2, 2026, I served a copy of the foregoing Request for Contested Case Hearing on the Respondents by placing copies in the United States Mail, postage paid, addressed to:

Gwynne Goodlett, Esq.
South Carolina Department of
Environmental Services
Office of General Counsel
2600 Bull Street, Columbia SC 29201

Natalie Ham, Esq.
Charleston County
Office of the County Attorney
4045 Bridge View Dr.,
N. Charleston, SC 29405

s/ Elizabeth B. Partlow
SC Bar No. 4348
Attorney for Petitioners
1800 Platt Springs Rd.
West Columbia, SC 29169
(803) 814-0868
beth@partlowlaw.com

ATTACHMENT A



SC DEPARTMENT of
**ENVIRONMENTAL
SERVICES**

MEMORANDUM

TO: All Interested Parties
FROM: Sarah E. Reed
RE: SC Highway 41 Corridor Improvements Project, Charleston County
P/N# 2018-00205
DATE: September 3, 2026

This memorandum is being sent to notify you that the above referenced permit has been issued on September 3, 2026. The permit, as authorized, includes the following activities:

Improvements to SC Highway 41 (SC 41) for a total of approximately 5.6 miles from US Highway 17 (US 17) across the Wando River Bridge to Clements Ferry Road. The project includes (1) widening SC 41 from two lanes to four lanes from Clements Ferry Road to Dunes West Boulevard, three lanes through the Phillips Community, and widen again to four lanes from Bessemer Road to Highway 17, (2) improvements to the intersection of SC 41 and US 17, (3) a new tie-in road between SC 41 and Winnowing Way, and (4) a new 1.3-mile, two lane road (Laurel Hill Parkway) to connect SC 41 to Park West Boulevard.

In detail, the project will include the placement of fill material into a total of 5.067 acres of freshwater wetlands (includes 0.087 acres of open water) and 3.585 acres of tidelands critical area associated with the widening and relocation of SC 41, construction of the new Laurel Hill Parkway, construction of shared use paths and sidewalks, and the placement of rip-rap aprons to prevent scouring at culverts. The project will also require permanent shading and piling impacts for the SC 41 bridges and boardwalks over Horlbeck Creek and Mill Creek to include 0.024 acres of freshwater wetland impacts and 1.438 acres of tidelands critical area impacts. The project will include temporary impacts due to mechanical clearing of 0.36 acres of freshwater wetlands and 0.495 acres of tideland critical areas associated with the ground preparation for the roadway construction, and 0.108 acres of freshwater wetlands and 1.309 acres of tidelands critical area would be temporarily impacted for bridge construction access (BCA). Lastly, portions of the project are located within areas that were previously identified as freshwater wetlands and protected under a restrictive covenant as part of permit SAC 94-IT-178 within Dunes West. The total permanent fill impacts to these areas include 1.033 acres of freshwater wetlands, 0.099 acres of tidelands critical area, and 5.55 acres of associated upland buffers. The stated purpose of the proposed SC 41 Corridor Improvements Project is to reduce traffic congestion within the SC 41 corridor and to accommodate future traffic projections.

S.C. Code Ann. § 48-6-30(D)(2) provides, "Within thirty calendar days after the mailing of a decision [pursuant to S.C. Code Ann. § 48-6-30(D)(1)], an applicant, permittee, licensee, certificate holder, or affected person desiring to contest the department decision may request a contested case hearing before the Administrative Law Court, in accordance with the Administrative Procedures Act.

A copy of the issued permit is enclosed.

**SOUTH CAROLINA DEPARTMENT OF ENVIRONMENTAL SERVICES
BUREAU OF COASTAL MANAGEMENT**

CRITICAL AREA PERMIT & COASTAL ZONE CONSISTENCY CERTIFICATION

Permittee(s): Charleston County

Permit Number(s): 2018-00205

Date of Issuance: September 3, 2026

Expiration Date: September 3, 2031

Location: On and adjacent to tributaries of Horlbeck Creek and Mill Creek on South Carolina Highway 41, Mount Pleasant, Charleston County, South Carolina (TMS #: multiple)

**SEE SPECIAL
CONDITION(S)**

This permit is issued under the provisions of S. C. Code Ann. Section 48-39-10, et seq., and 23A S.C. Code Ann. Regs. 30-1 through 30-18, *as amended*. **Please carefully read the project description and special conditions that appear on this permit/certification as they will affect the work that is allowed and may modify the work from that shown on the submitted plans. All special conditions attached to the permit will take precedent over submitted plans.** The general conditions are also a part of this permit/certification and should be read in their entirety. The S. C. Contractor's Licensing Act of 1999, enacted as S.C. Code Ann. Section 40-11-5 through 430, requires that all construction with a total cost of \$5,000 or more be performed by a licensed contractor with a valid contractor's license for marine class construction, except for construction performed by a private landowner for strictly private purposes. Your signature on and acceptance of this permit denotes your understanding of the stated law regarding use of licensed contractors. **All listed special and general conditions will remain in effect for the life of the permit. This applies to permittee, future property owners, or permit assignees.**

DESCRIPTION OF THE PROJECT, AS AUTHORIZED

The plans submitted by you, attached hereto, show the work consists of the following: improvements to SC Highway 41 (SC 41) for a total of approximately 5.6 miles from US Highway 17 (US 17) across the Wando River Bridge to Clements Ferry Road. The project includes (1) widening SC 41 from two lanes to four lanes from Clements Ferry Road to Dunes West Boulevard, three lanes through the Phillips Community, and widen again to four lanes from Bessemer Road to Highway 17, (2) improvements to the intersection of SC 41 and US 17, (3) a new tie-in road between SC 41 and Winnowing Way, and (4) a new 1.3-mile, two lane road (Laurel Hill Parkway) to connect SC 41 to Park West Boulevard.

In detail, the project will include the placement of fill material into a total of 5.067 acres of freshwater wetlands (includes 0.087 acres of open water) and 3.585 acres of tidelands critical area associated with the widening and relocation of SC 41, construction of the new Laurel Hill Parkway, construction of shared use paths and sidewalks, and the placement of rip-rap aprons to prevent scouring at culverts. The project will also require permanent shading and piling impacts for the SC 41 bridges and boardwalks over Horlbeck Creek and Mill Creek to include 0.024 acres of freshwater wetland impacts and 1.438 acres of tidelands critical area impacts. The project will include temporary impacts due to mechanical clearing of 0.36 acres of freshwater wetlands and 0.495 acres of tideland critical areas associated with the ground preparation for the roadway construction, and 0.108 acres of freshwater wetlands and 1.309 acres of tidelands critical area would be temporarily impacted for bridge construction access (BCA). Lastly, portions of the project are located within areas that were previously identified as freshwater wetlands and protected under a restrictive covenant as part of permit SAC 94-IT-178 within Dunes West. The total permanent fill impacts to these areas include 1.033 acres of freshwater wetlands, 0.099 acres of tidelands critical area, and 5.55 acres of associated upland buffers. The stated purpose of this project is to reduce traffic congestion within the SC 41 corridor and to accommodate future traffic projections.

SPECIAL CONDITIONS

1. The permittee must implement BMPs 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, hay bales, 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.
2. All construction BMPs must be installed, inspected and maintained to hold sediment onsite and to protect any adjacent or downstream critical area, wetlands and waters through the life of the project. Upon completion of construction activities, all disturbed (including undeveloped) areas, including those impacted for access, must be immediately stabilized.
3. Any disturbed critical area adjacent to the construction site must be restored to original contours and conditions upon completion.
4. All necessary measures must be taken to prevent oil, tar, trash, debris, and other pollutants from entering the adjacent waters or wetlands.
5. The permittee is required to keep adjacent critical areas free of construction materials, litter, debris, chemical contaminants, etc.
6. Only clean, earthen materials free of all potential sources of pollution may be used as fill in the aquatic impact area.
7. All efforts must be made to protect existing native riparian vegetation in and along shoreline areas.
8. All efforts shall be made to avoid and minimize the destruction, removal, or smothering of oyster/shell habitat through fill activity or culvert installation.
9. All aquatic crossings must be made with appropriately sized bridges and/or culverts. For tidal crossings, bridges and culverts should be sized and designed to accommodate flows associated with current king tides as well projected king tide heights and frequency associated with sea-level rise.
10. The project must be fully consistent with local zoning and comprehensive plans prior to work being conducted.
11. A stormwater management plan must be implemented which may require the overtreatment of runoff from associated roadways to compensate for the lack of direct treatment of runoff from the bridge surface itself. Periodic vacuuming should be considered, and the use of scupper drains should be limited as much as possible.
12. For all projects with a permanent water quality pond having a permanent pool, regardless of size, which are located within one-half (1/2) mile of a receiving water body in the coastal zone, the applicant must demonstrate storage of the first ½ inch of runoff from the entire site or storage of the first one (1) inch of runoff from the built-upon portion of the property, whichever is greater. Storage may be accomplished through retention, detention or infiltration systems as appropriate for the specific site.
13. For stormwater outfalls which are located within 1,000 (one thousand) feet of shellfish beds, the first one and one half (1 1/2) inches of runoff from the built-upon portion of the property must be retained on site.

**SEE SPECIAL
CONDITION(S)**

14. Prior to construction, proof of purchase of the required mitigation credits must be provided as detailed below:
- A) 85.77 tidal saltwater mitigation credits will be provided for the 3.585 acres of permanent fill impacts, 1.438 acres of permanent shading impacts, 0.495 acres of temporary clearing impacts, and 1.309 acres of temporary bridge construction access impacts to tidelands critical area.
 - B) 69.35 freshwater wetland mitigation credits will be provided for the 5.067 acres of permanent fill impacts, 0.024 acres of permanent shading impacts, 0.36 acres of temporary clearing impacts, and 0.108 acres of temporary bridge construction access impacts to freshwater wetlands.
 - C) 2.78 tidal saltwater mitigation credits will be provided for the impacts to 0.099 acre of tidelands critical areas previously preserved under Restrictive Covenants (SAC 94-IT-178).
 - D) 25.99 freshwater wetland mitigation credits will be provided for the impacts to 1.003 acres of freshwater wetlands previously preserved under Restrictive Covenants (SAC 94-IT-178).
15. Prior to any land disturbance activities, the permittee must provide the Department with proof of the modified Restrictive Covenants (SAC 94-IT-178) associated with Dunes West, as outlined in Special Condition 14(C) and 14 (D) above.
16. The permittee has agreed to the following wildlife management for state threatened Spotted Turtle:
- A) Applicable to wetlands along the proposed Laurel Hill Parkway:
 - I. In accordance with SCDNR guidelines for linear projects, spotted turtle exclusion silt fence will be installed 14 days prior to construction where spotted turtle habitat is identified (Attachment 1 and Erosion Control Plan sheets). Areas considered suitable habitat for spotted turtle (i.e., freshwater wetlands within the PSA) have been identified by an HDR biologist and have been confirmed by SCDNR. Where areas are submerged, silt fence will be toed into the ground up to the edge of surface water and continue over-ground across inundated areas.
 - II. Following installation of the spotted turtle exclusion silt fence, the Contractor's biologist will monitor the exclusion silt fence twice daily prior to construction, and once weekly during construction until the silt fence has been removed. If exclusion fencing is in place during the colder months when spotted turtles are less active (November 15th – January 15th), the inspections can be reduced to occur on a weekly basis.
 - III. The Contractor's biologist will obtain a scientific collection permit from SCDNR, which is required for the relocation of spotted turtles. The permit holder may be the biologist performing the monitoring or other local personnel who meet the qualifications listed in the permit. The permit holder will relocate any turtles found according to the established relocation plan (to be included with the permit).
 - B) Applicable to wetlands along the SC-41 corridor (excluding Laurel Hill Parkway):
 - I. Silt fencing will be installed without the exclusion specifications 14 days prior to construction. The Contractor's biologist will monitor the exclusion silt fence twice daily prior to construction, and once weekly during construction until the silt fence has been removed. Spotted turtles found on the inside of the silt fencing (highway facing) would be relocated under the same scientific collection permit used for Laurel Hill Parkway and according to the relocation plan in the scientific collection permit.

**SEE SPECIAL
CONDITION(S)**

17. The permittee has agreed to the following wildlife management for state endangered Rafinesque's big eared bat:
 - A) Avoid tree clearing within identified habitat (Attachment 1) from May 1st to July 31st and from December 15th through February 15th to avoid the pupping season for both species and to avoid winter torpor for northern long-eared bat.
18. Once project construction is initiated, it must be carried to completion in an expeditious manner to minimize the period of disturbance to the environment.
19. An as-built survey of the structure(s) must be submitted to the Department within 90 days from completion of construction. The survey must be performed by a registered land surveyor, must show all components of the structure(s), and must list the starting and ending coordinates of the structure(s) in the SC State Plane Coordinate System, which can be obtained by survey-grade Global Positioning System equipment.
20. Prior to initiating construction, the Memorandum of Agreement (MOA) must be finalized and implemented by the permittee to mitigate any cultural resource impacts to the Phillips Community Historic District TCP, the Seven Mile Historic District TCP, the Sweetgrass Basket Stand Corridor TCP, archaeological sites.
21. In the event that any historic or cultural resources and/or archaeological materials are found during the course of work, the applicant must notify the State Historic Preservation Office and the South Carolina Institute of Archaeology and Anthropology. Historic or cultural resources consist of those sites listed in the National Register of Historic Places and those sites that are eligible for the National Register. Archaeological materials consist of any items, fifty years old or older, which were made or used by man. These items include, but are not limited to, stone projectile points (arrowheads), ceramic sherds, bricks, worked wood, bone and stone, metal and glass objects, and human skeletal materials.

**SEE SPECIAL
CONDITION(S)**

PERMITTEE'S ATTENTION IS DIRECTED TO GENERAL CONDITIONS NUMBERS FOUR (4) AND FIVE (5). BY ACCEPTANCE OF THIS PERMIT, PERMITTEE IS PLACED ON NOTICE THAT THE STATE OF SOUTH CAROLINA, BY ISSUING THIS PERMIT, DOES NOT WAIVE ITS RIGHTS TO REQUIRE PAYMENT OF A REASONABLE FEE FOR USE OF STATE LANDS AT A FUTURE DATE IF SO DIRECTED BY STATUTE.

THE PERMITTEE, BY ACCEPTANCE OF THIS PERMIT AGREES TO ABIDE BY THE TERMS AND CONDITIONS CONTAINED HEREIN AND TO PERFORM THE WORK IN STRICT ACCORDANCE WITH THE PLANS AND SPECIFICATIONS ATTACHED HERETO AND MADE A PART HEREOF. ANY DEVIATION FROM THESE CONDITIONS, TERMS, PLANS AND SPECIFICATIONS SHALL BE GROUNDS FOR REVOCATION, SUSPENSION OR MODIFICATION OF THIS PERMIT AND THE INSTITUTION OF SUCH LEGAL PROCEEDINGS AS THE DEPARTMENT MAY CONSIDER APPROPRIATE.

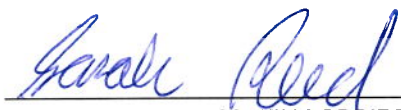
Permit Number: **2018-00205**

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

PERMITTEE(S)
Charleston County

DATE

This permit becomes effective when the State official, designated to act for the Bureau of Coastal Management, has signed below.



CRITICAL AREA PERMITTING PROJECT MANAGER

Sarah E. Reed

Or Other Authorized State Official



DATE

**SEE SPECIAL
CONDITION(S)**

GENERAL CONDITIONS:

This construction and use permit is expressly contingent upon the following conditions which are binding on the permittee:

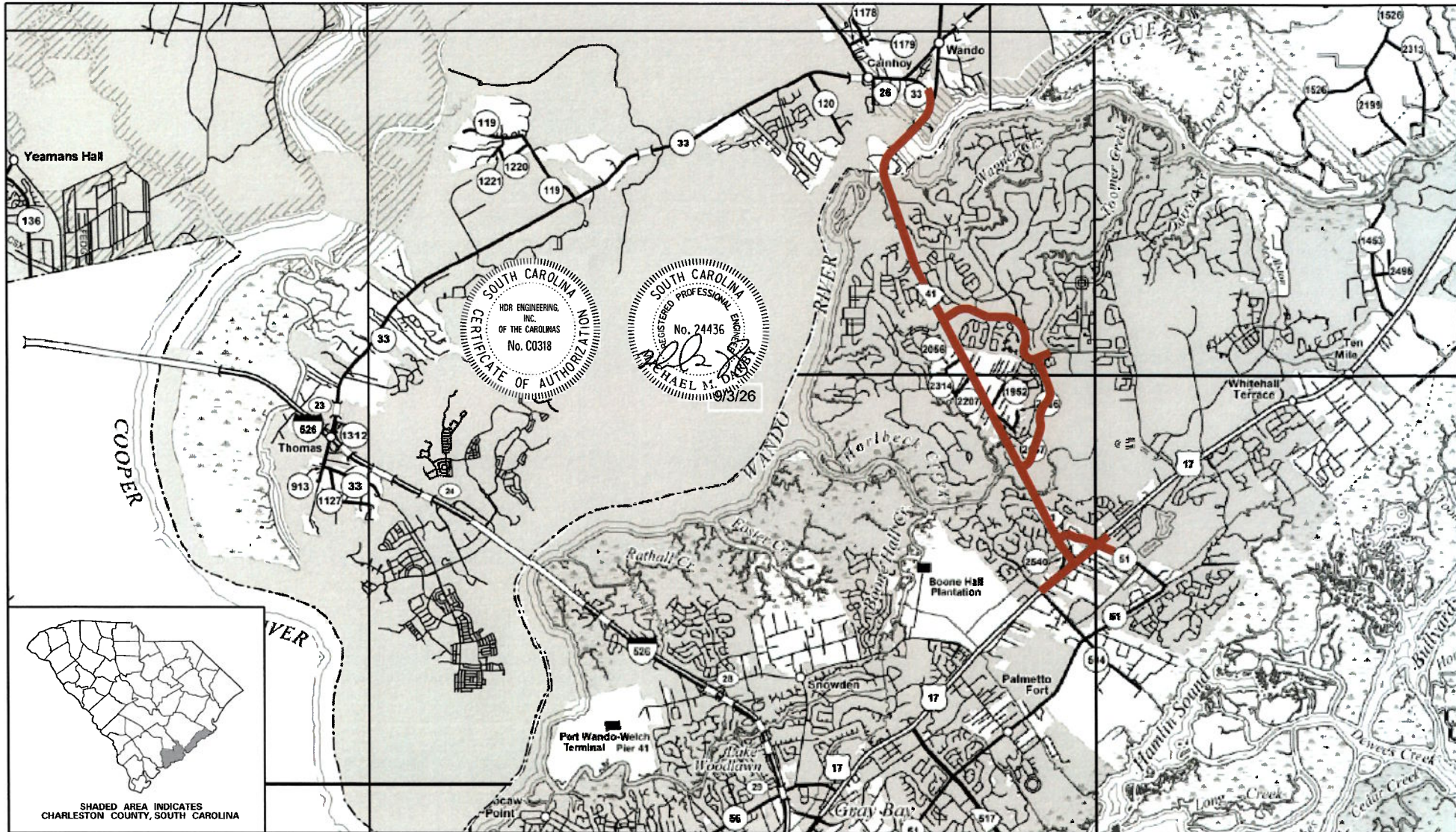
1. The permittee, in accepting this permit, covenants and agrees to comply with and abide by the provisions and conditions herein and assumes all responsibility and liability and agrees to save the Department and the State of South Carolina, its employees or representatives, harmless from all claims of damage arising out of operations conducted pursuant to this permit.
2. If the activity authorized herein is not constructed or completed within five years of the date of issuance, this permit shall automatically expire. A request, in writing, for an extension of time shall be made not less than thirty days prior to the expiration date.
3. All authorized work shall be conducted in a manner that minimizes any adverse impact on fish, wildlife and water quality.
4. This permit does not relieve the permittee from the requirements of obtaining a permit from the U. S. Army Corps of Engineers or any other applicable federal agency, nor from the necessity of complying with all applicable local laws, ordinances, and zoning regulations. This permit is granted subject to the rights of the State of South Carolina in the navigable waters and shall be subject, further, to all rights held by the State of South Carolina under the public trust doctrine as well as any other right the State may have in the waters and submerged lands of the coast.
5. This permit does not convey, expressly or impliedly, any property rights in real estate or material nor any exclusive privileges; nor does it authorize the permittee to alienate, diminish, infringe upon or otherwise restrict the property rights of any other person or the public; nor shall this permit be interpreted as appropriating public properties for private use.
6. The permittee shall permit the Department or its authorized agents or representatives to make periodic inspections at any time deemed necessary to ensure that the activity being performed is in accordance with the terms and conditions of this permit.
7. Any abandonment of the permitted activity will require restoration of the area to a satisfactory condition as determined by the Department
8. This permit may not be transferred to a third party without prior written notice to the Department, either by the transferee's written agreement to comply with all terms and conditions of this permit or by the transferee subscribing to this permit and thereby agreeing to comply.
9. If the display of lights and signals on any structure or work authorized herein is not otherwise provided for by law, such lights and special signals as may be prescribed by the United States Coast Guard shall be installed and maintained by and at the expense of the permittee.
10. The permit construction placard or a copy of the placard shall be posted in a conspicuous place at the project site during the entire period of work.
11. The structure or work authorized herein shall be in accordance with the permit, as issued, and shall be maintained in good condition. Failure to build in accordance with the permit, as issued, or failure to maintain the structure in good condition, shall result in the revocation of this permit.

**SEE SPECIAL
CONDITION(S)**

12. The authorization for activities or structures herein constitutes a revocable license. The Department may require the permittee to modify activities or remove structures authorized herein if it is determined by the Department that such activity or structures violates the public's health, safety, or welfare, or if any activity is inconsistent with the public trust doctrine. Modification or removal under this condition shall be ordered only after reasonable notice stating the reasons therefore and provision to the permittee of the opportunity to respond in writing. When the Permittee is notified that the Department intends to revoke the permit, Permittee agrees to immediately stop work pending resolution of the revocation.
13. The Department shall have the right to revoke, suspend, or modify this permit in the event it is determined the permitted structure (1) significantly impacts the public health, safety and welfare, and/or is violation of Section 48-39-150, (2) adversely impacts public rights, (3) that the information and data which the permittee or any other agencies have provided in connection with the permit application is either false, incomplete or inaccurate, or (4) that the activity is in violation of the terms and/or conditions, including any special conditions of the permit. That the permittee, upon receipt of the Department's written intent to revoke, suspend, or modify the permit has the right to a hearing. Prior to revocation, suspension, or modification of this permit, the Department shall provide written notification of intent to revoke to the permittee, and permittee can respond with a written explanation to the Department. (South Carolina Code Section 1-23-370 shall govern the procedure for revocation, suspension or modification herein described).
14. Any modification, suspension or revocation of this permit shall not be the basis of any claim for damages against the Department or the State of South Carolina or any employee, agent, or representative of the Department or the State of South Carolina.
15. All activities authorized herein shall be, if they involve a discharge or deposit into navigable waters or ocean waters, at all times consistent with all applicable water quality standards, effluent limitations, and standards of performance, prohibitions, and pretreatment standards established pursuant to applicable federal, state and local laws.
16. Extreme care shall be exercised to prevent any adverse or undesirable effects from this work on the property of others. This permit authorizes no invasion of adjacent private property, and the Department assumes no responsibility or liability from any claims of damage arising out of any operations conducted by the permittee pursuant to this permit.

**SEE SPECIAL
CONDITION(S)**

SEE SPECIAL CONDITION(S)



0 5,000 10,000
SCALE: 1" = 5,000'



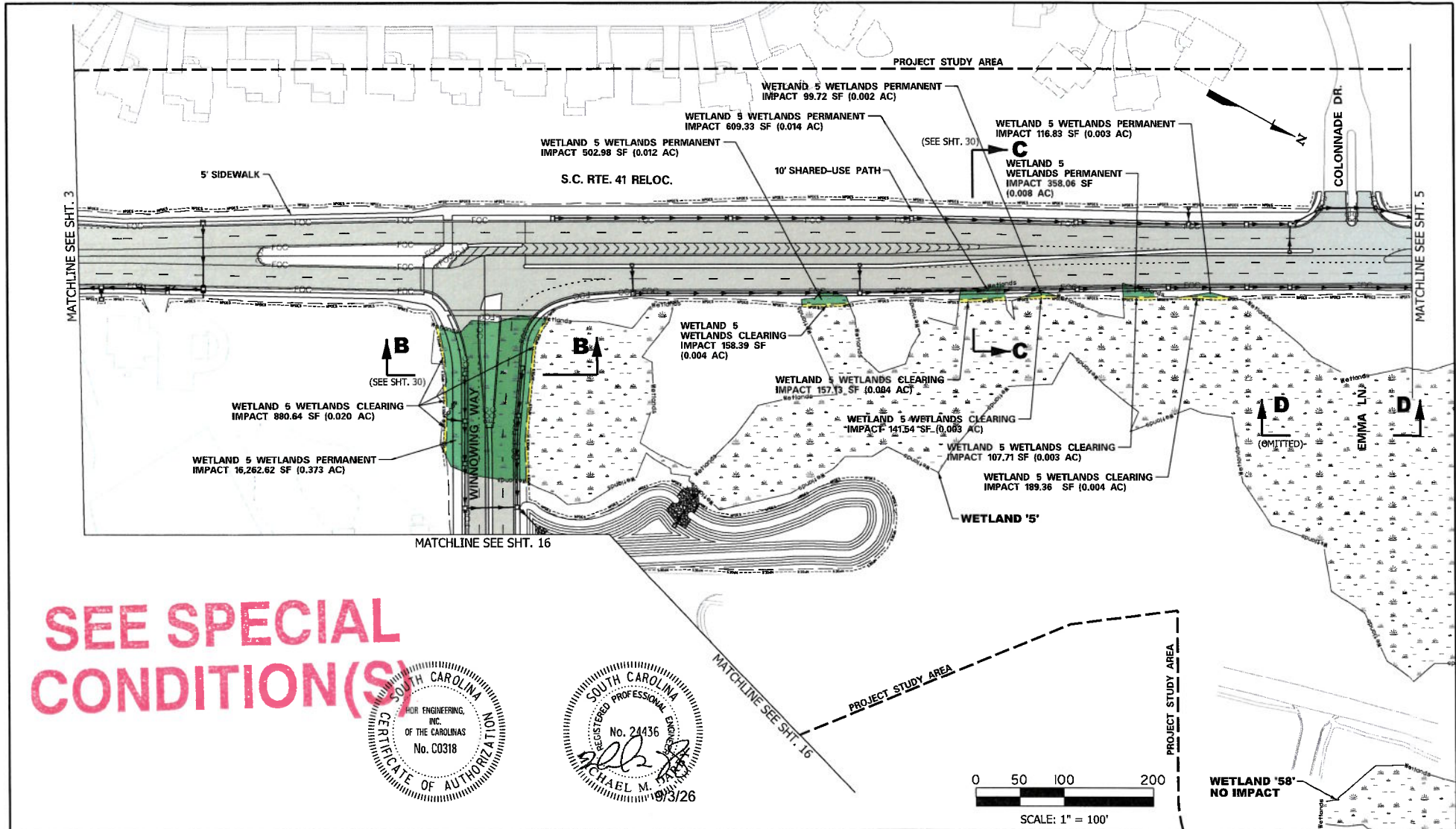
HDR Engineering Inc.
4000 Lenoir Avenue, Suite 400
North Charleston, SC 29405
(843) 848-2700

S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



VICINITY MAP

SHEET 1 OF 54



DATE: 07/20/2026
 1:10 PM 001 Project: 2026060

LEGEND

	FRESHWATER WETLAND		NON-WETLAND WATERS PIPE IMPACT
	CRITICAL WETLAND		NON-WETLAND WATERS ARMORING IMPACT
	NON-WETLAND WATERS		BRIDGE CONSTRUCTION ACCESS
	PERMANENT IMPACT		ROADWAY
	CLEARING IMPACT		

IMPACTS THIS SHEET

WETLAND PERMANENT IMPACTS = 17,949.54 SF (0.412 AC)

WETLAND CLEARING IMPACT = 1,634.77 SF (0.038 AC)

WETLAND ARMORING IMPACTS = 0 SF (0.000 AC)

WETLAND OPEN WATERS IMPACT = 0 SF (0.000 AC)

WETLAND PIPE IMPACT = 0 LF

WETLAND CRITICAL PERMANENT IMPACTS = 0 SF (0.000 AC)

WETLAND CRITICAL CLEARING IMPACT = 0 SF (0.000 AC)

WETLAND CRITICAL ARMORING IMPACTS = 0 SF (0.000 AC)

WETLAND CRITICAL CONST. ACCESS IMPACT = 0 SF (0.000 AC)

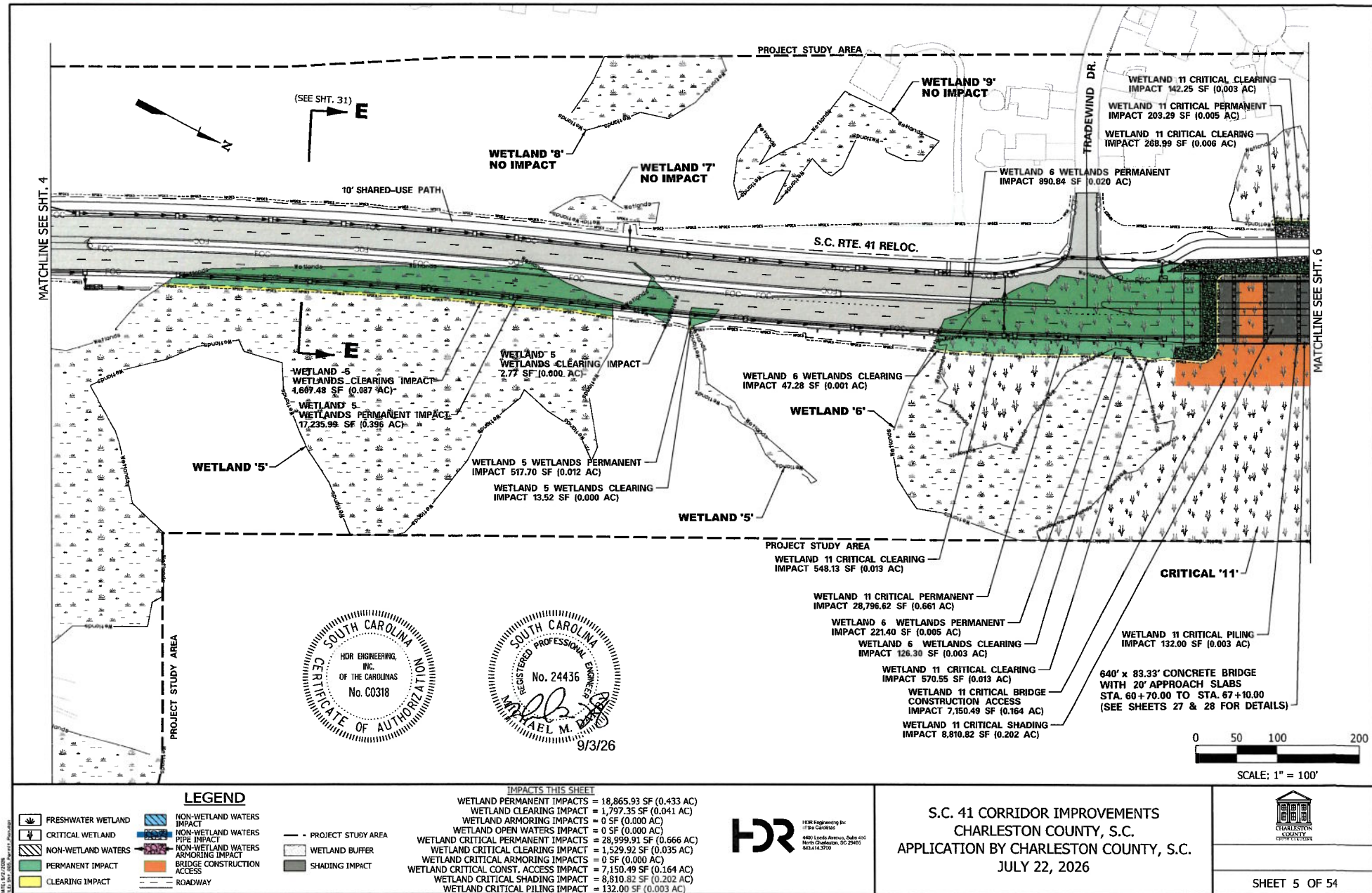
WETLAND CRITICAL PIPE IMPACT = 0 LF

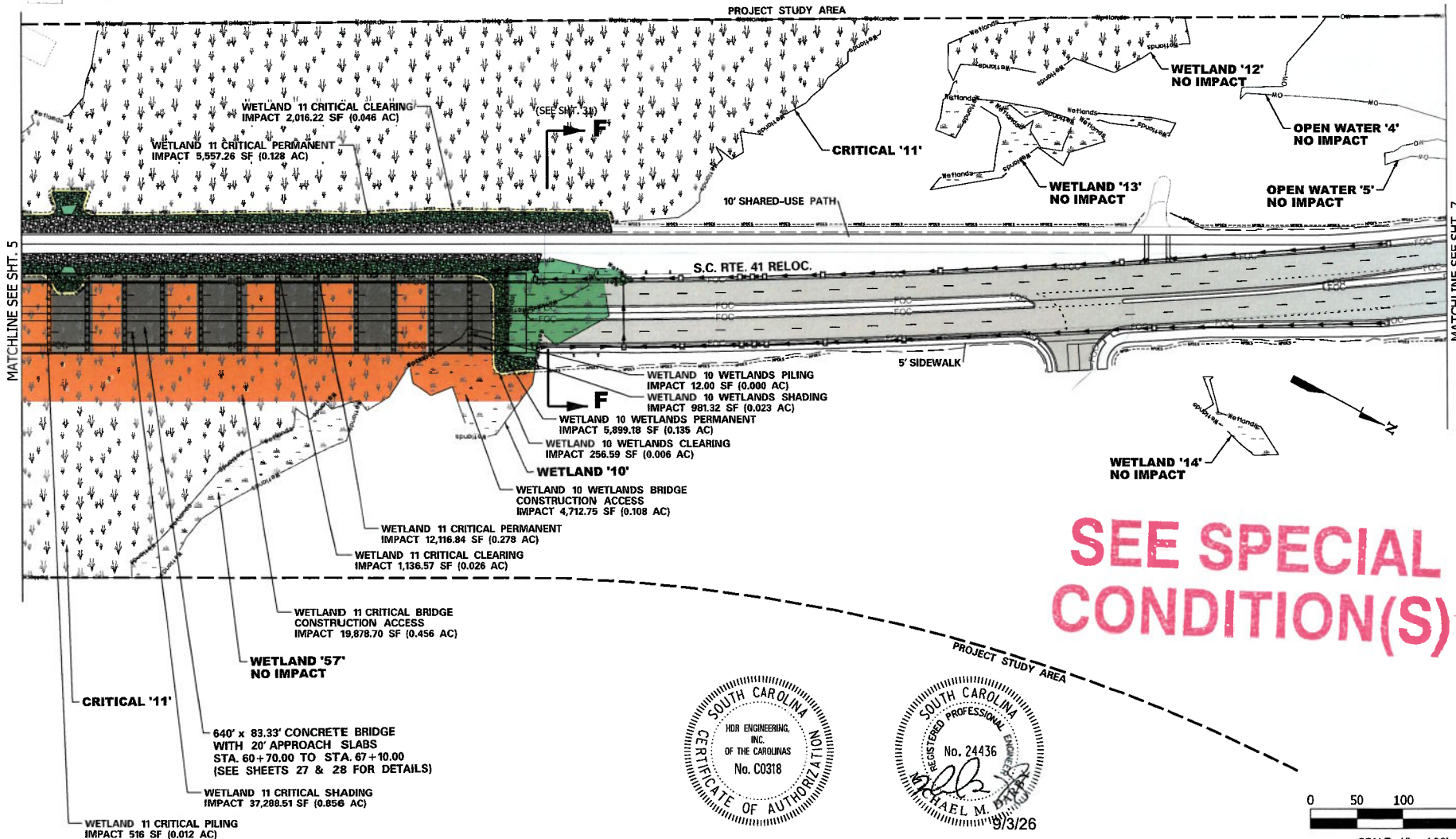
HCR

HCR Engineering Inc.
 4800 Landa Avenue, Suite 400
 North Charleston, SC 29505
 843.414.5700

S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026

SEE SPECIAL CONDITION(S)





LEGEND

- FRESHWATER WETLAND
- CRITICAL WETLAND
- NON-WETLAND WATERS
- NON-WETLAND WATERS PIPE IMPACT
- NON-WETLAND WATERS ARMORING IMPACT
- PERMANENT IMPACT
- CLEARING IMPACT
- PROJECT STUDY AREA
- WETLAND BUFFER
- SHADING IMPACT
- ROADWAY
- BRIDGE CONSTRUCTION ACCESS
- NON-WETLAND WATERS
- NON-WETLAND WATERS
- NON-WETLAND WATERS
- NON-WETLAND WATERS

IMPACTS THIS SHEET

WETLAND PERMANENT IMPACTS = 5,899.18 SF (0.135 AC)
 WETLAND CLEARING IMPACT = 256.59 SF (0.006 AC)
 WETLAND CONST. ACCESS IMPACT = 4,712.75 SF (0.108 AC)
 WETLAND SHADING IMPACTS = 981.32 SF (0.023 AC)
 WETLAND PILING IMPACTS = 12.00 SF (0.000 AC)
 WETLAND CRITICAL PERMANENT IMPACTS = 17,674.10 SF (0.406 AC)
 WETLAND CRITICAL CLEARING IMPACT = 3,152.79 SF (0.072 AC)
 WETLAND CRITICAL CONST. ACCESS IMPACT = 19,878.70 SF (0.456 AC)
 WETLAND CRITICAL SHADING IMPACT = 37,288.51 SF (0.856 AC)
 WETLAND CRITICAL PILING IMPACT = 516.00 SF (0.012 AC)



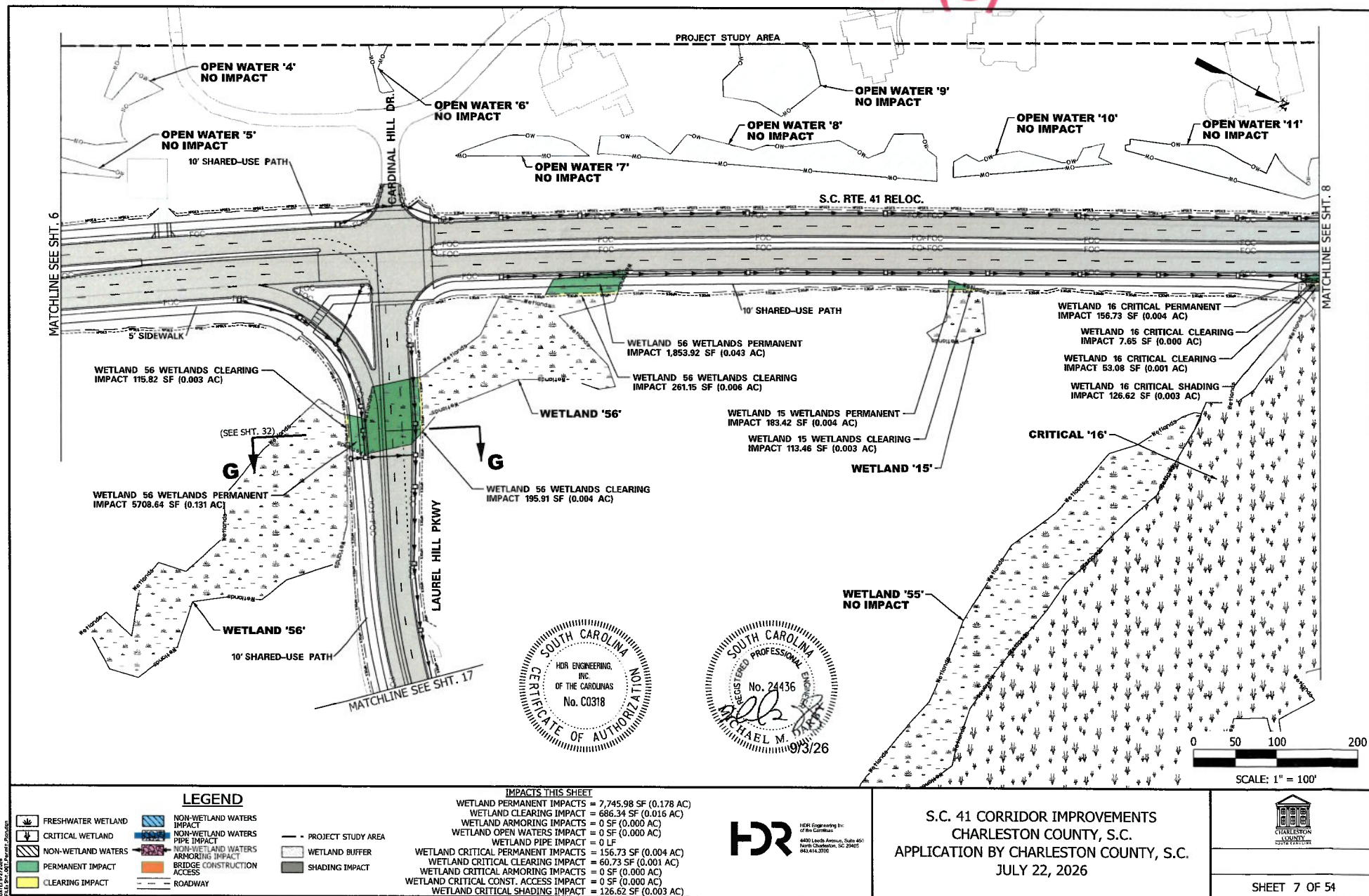
HDR Engineering, Inc.
 4501 Lusk Avenue, Suite 400
 North Charleston, SC 29405
 843.413.2000

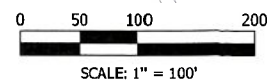
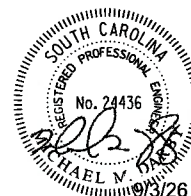
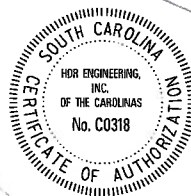
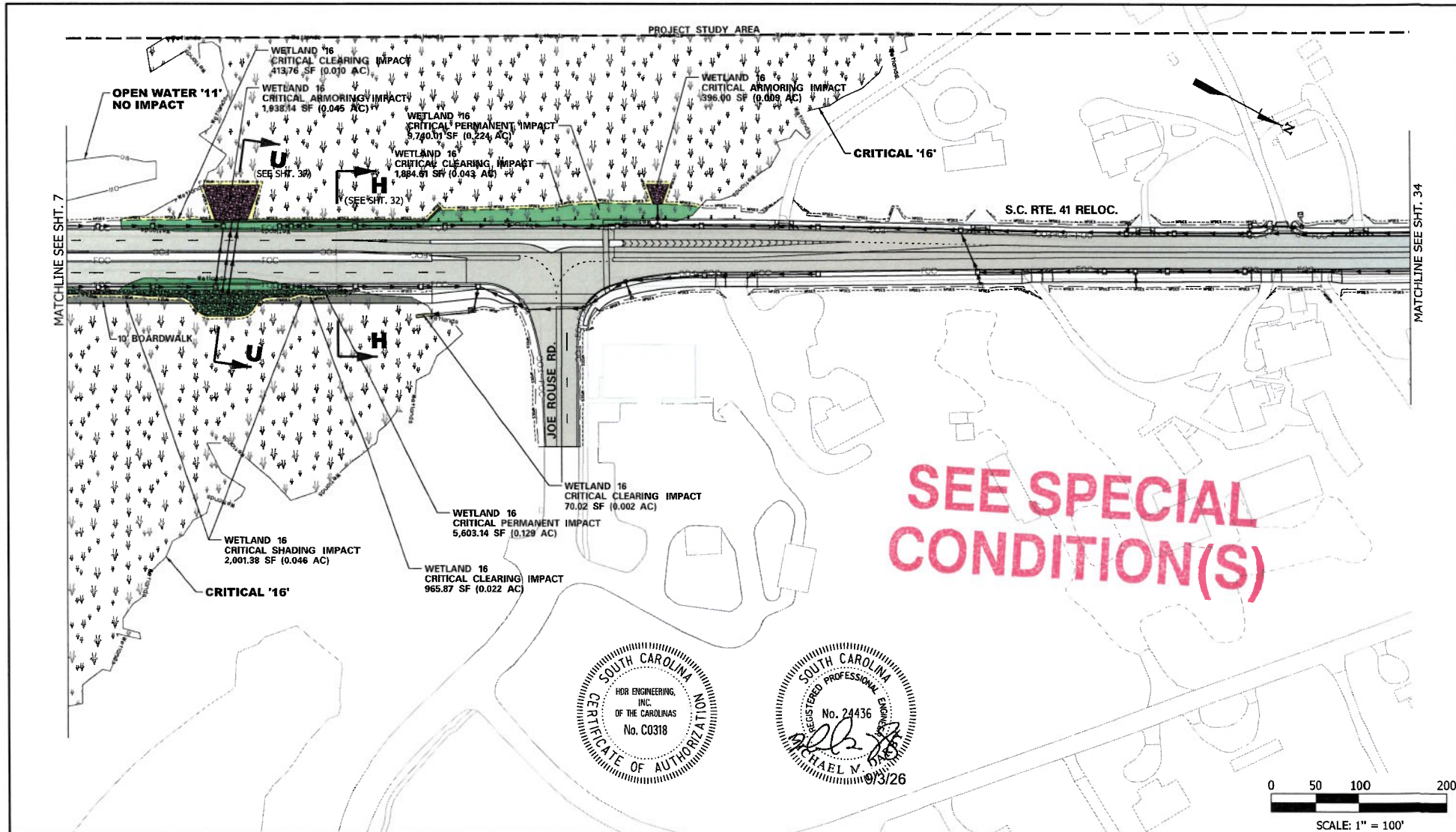
S.C. 41 CORRIDOR IMPROVEMENTS
 CHARLESTON COUNTY, S.C.
 APPLICATION BY CHARLESTON COUNTY, S.C.
 JULY 22, 2026



SHEET 6 OF 54

**SEE SPECIAL
CONDITION(S)**





LEGEND

- FRESHWATER WETLAND
- CRITICAL WETLAND
- NON-WETLAND WATERS
- PERMANENT IMPACT
- CLEARING IMPACT
- NON-WETLAND WATERS IMPACT
- NON-WETLAND WATERS PIPE IMPACT
- NON-WETLAND WATERS ARMORING IMPACT
- BRIDGE CONSTRUCTION ACCESS
- ROADWAY
- PROJECT STUDY AREA
- WETLAND BUFFER
- SHADING IMPACT

IMPACTS THIS SHEET

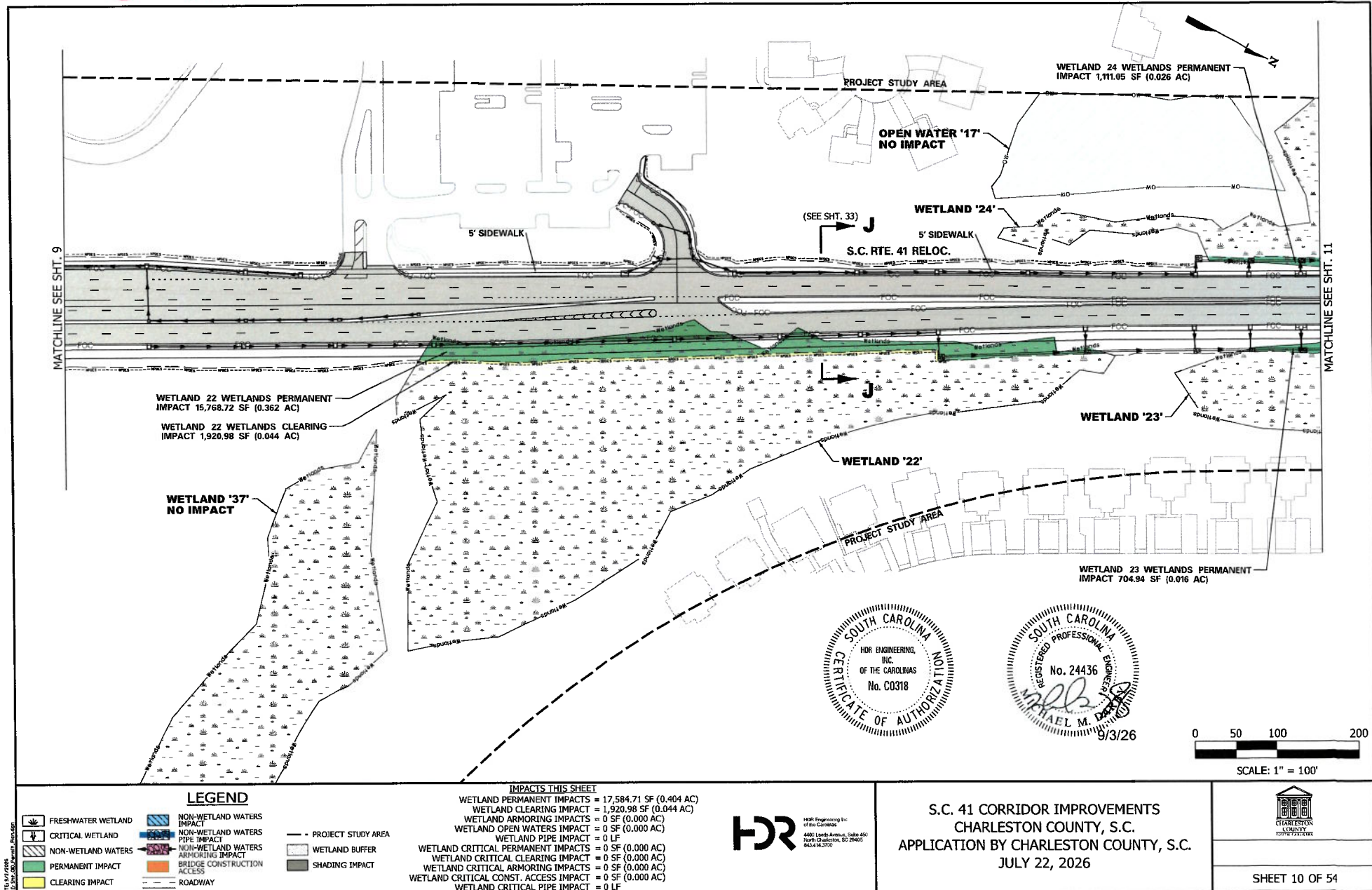
WETLAND PERMANENT IMPACTS = 0 SF (0.000 AC)
 WETLAND CLEARING IMPACT = 0 SF (0.000 AC)
 WETLAND ARMORING IMPACTS = 0 SF (0.000 AC)
 WETLAND OPEN WATERS IMPACT = 0 SF (0.000 AC)
 WETLAND PIPE IMPACT = 0 LF
 WETLAND CRITICAL PERMANENT IMPACTS = 15,150.57 SF (0.348 AC)
 WETLAND CRITICAL CLEARING IMPACT = 3,334.26 SF (0.077 AC)
 WETLAND CRITICAL ARMORING IMPACTS = 2,334.14 SF (0.054 AC)
 WETLAND CRITICAL CONST. ACCESS IMPACT = 0 SF (0.000 AC)
 WETLAND CRITICAL SHADING IMPACT = 2,001.38 SF (0.046 AC)

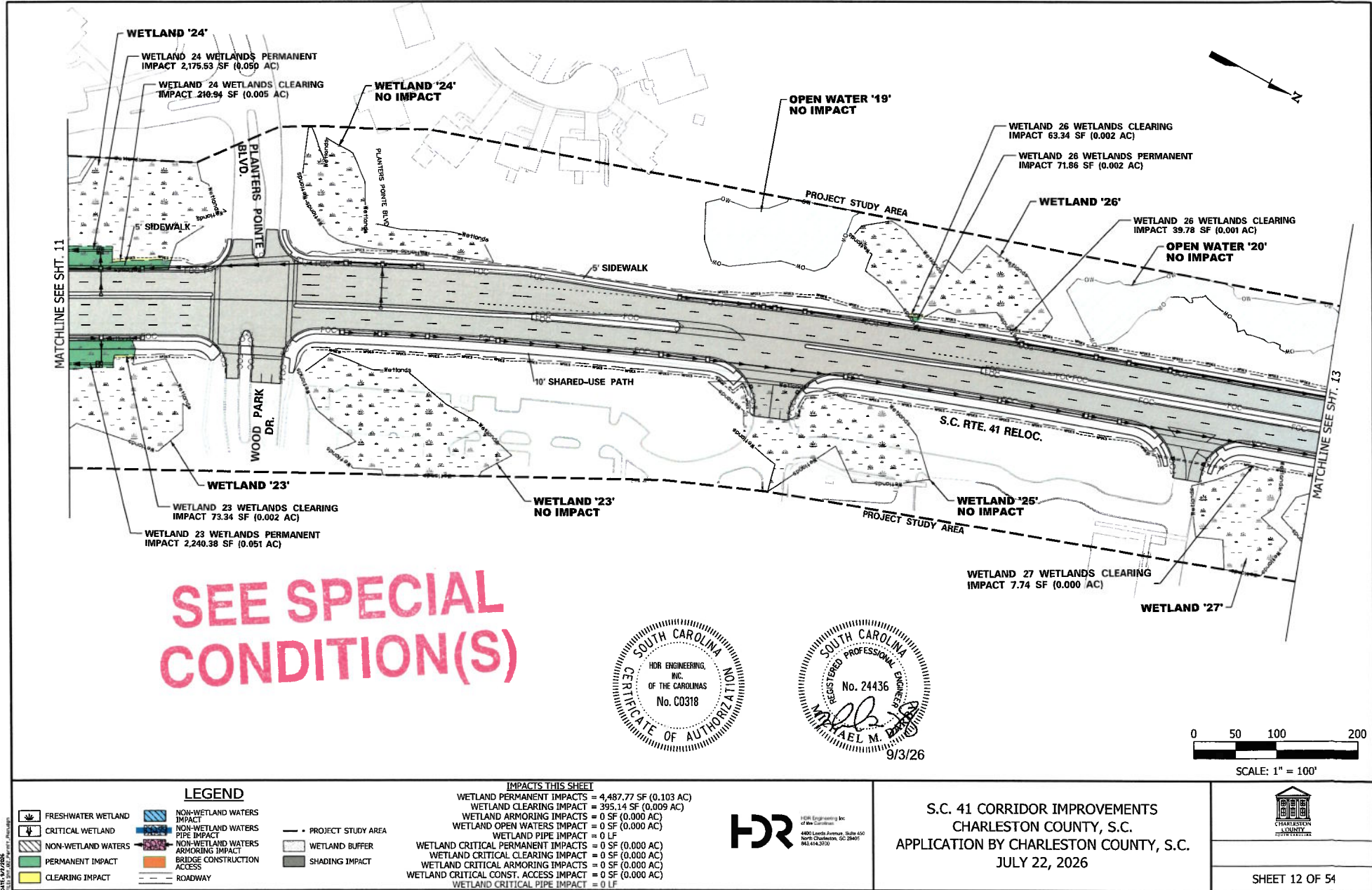


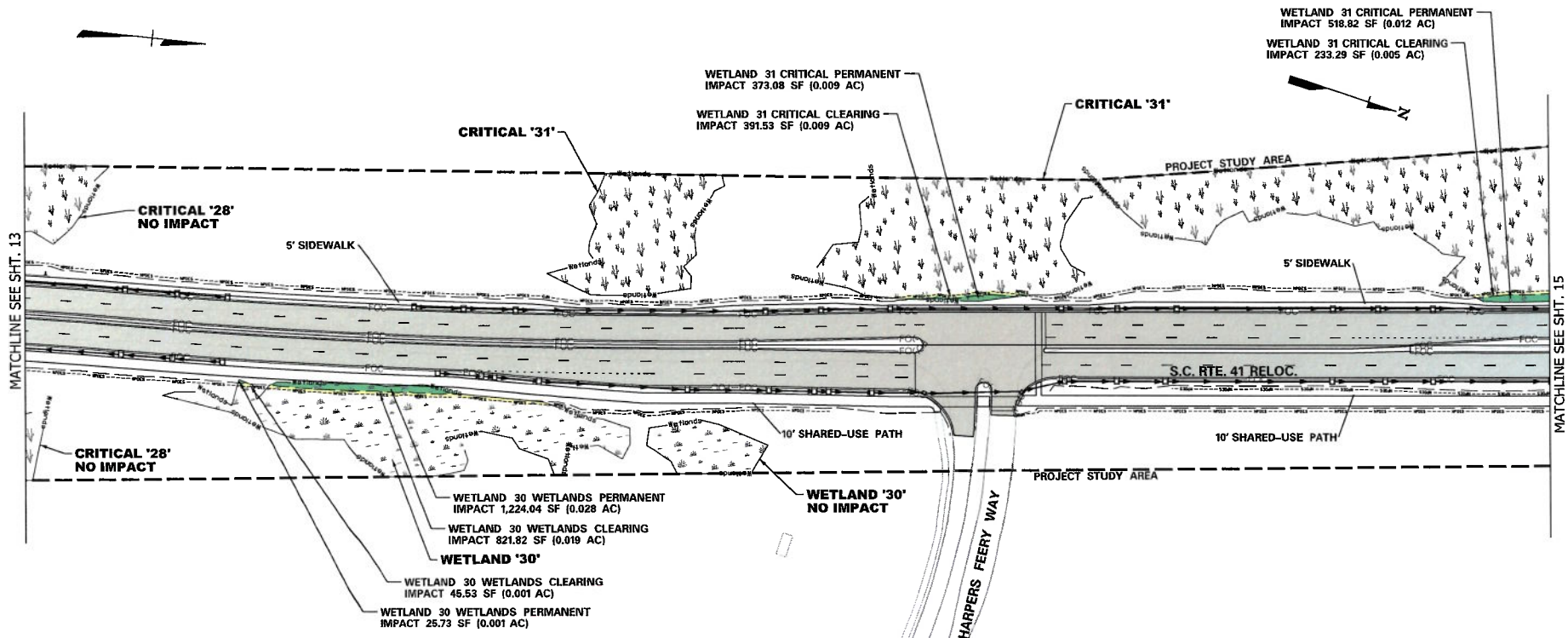
S.C. 41 CORRIDOR IMPROVEMENTS
 CHARLESTON COUNTY, S.C.
 APPLICATION BY CHARLESTON COUNTY, S.C.
 JULY 22, 2026



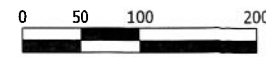
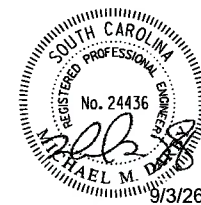
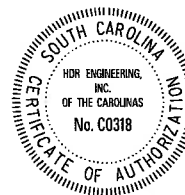
SEE SPECIAL CONDITION(S)







SEE SPECIAL
CONDITION(S)



SCALE: 1" = 100'

LEGEND

	FRESHWATER WETLAND		NON-WETLAND WATERS IMPACT		PROJECT STUDY AREA
	CRITICAL WETLAND		NON-WETLAND WATERS PIPE IMPACT		WETLAND BUFFER
	NON-WETLAND WATERS		NON-WETLAND WATERS ARMORING IMPACT		SHADING IMPACT
	PERMANENT IMPACT		BRIDGE CONSTRUCTION ACCESS		
	CLEARING IMPACT		ROADWAY		

IMPACTS THIS SHEET

WETLAND PERMANENT IMPACTS	= 1,249.77 SF (0.029 AC)
WETLAND CLEARING IMPACT	= 867.35 SF (0.020 AC)
WETLAND ARMORING IMPACTS	= 0 SF (0.000 AC)
WETLAND OPEN WATERS IMPACT	= 0 SF (0.000 AC)
WETLAND PIPE IMPACT	= 0 LF
WETLAND CRITICAL PERMANENT IMPACTS	= 891.90 SF (0.021 AC)
WETLAND CRITICAL CLEARING IMPACT	= 624.82 SF (0.014 AC)
WETLAND CRITICAL ARMORING IMPACTS	= 0 SF (0.000 AC)
WETLAND CRITICAL CONST. ACCESS IMPACT	= 0 SF (0.000 AC)
WETLAND CRITICAL PIPE IMPACT	= 0 LF

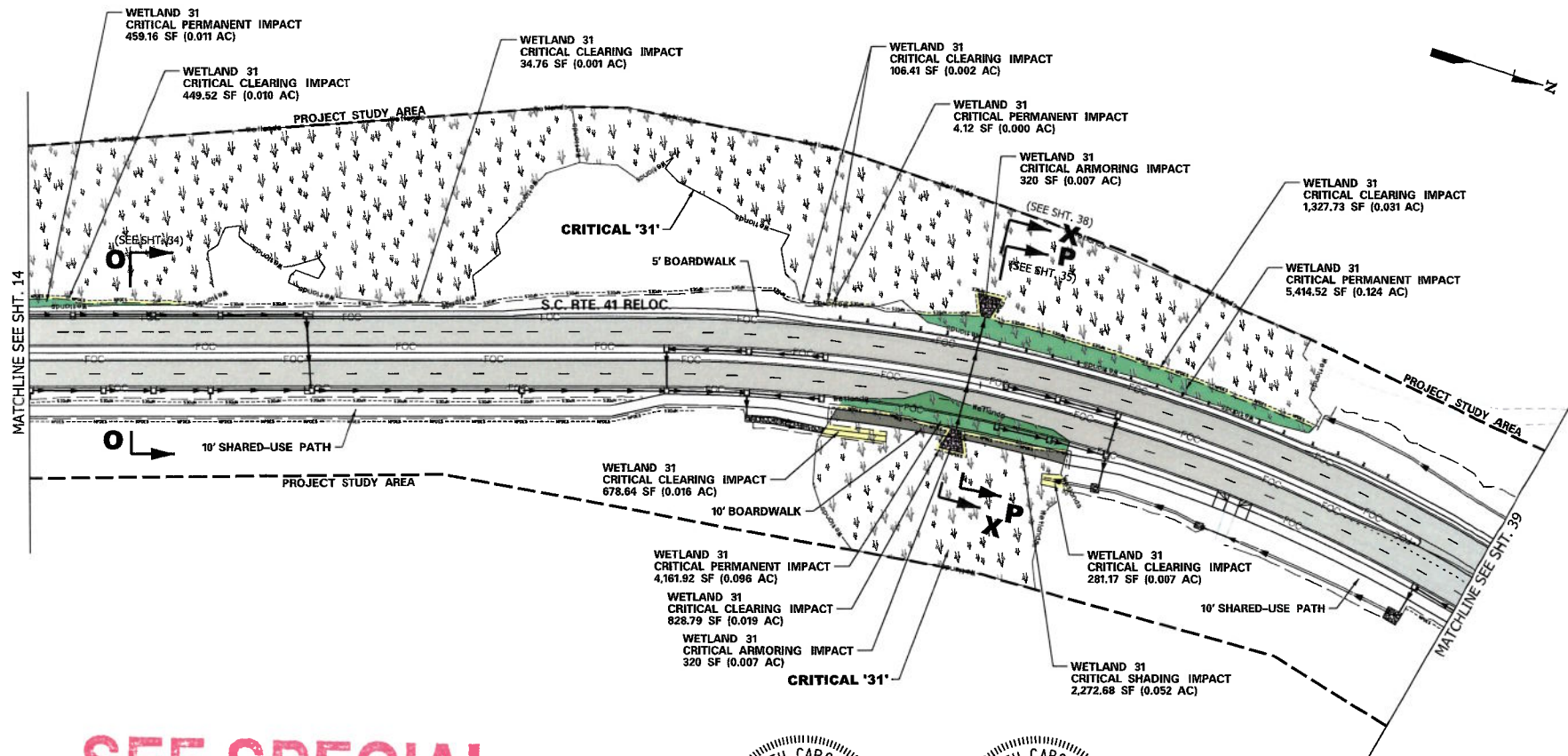


HDR Engineering, Inc.
4600 Leeds Avenue, Suite 400
North Charleston, SC 29405
(843) 414-2000

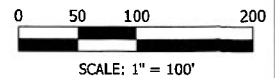
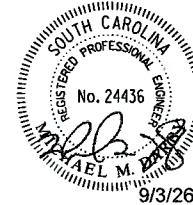
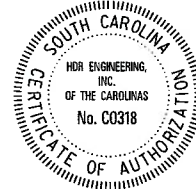
S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



SHEET 14 OF 54



SEE SPECIAL
CONDITION(S)



LEGEND

- | | | |
|--|--|--|
| | | |
| | | |
| | | |
| | | |
| | | |

IMPACTS THIS SHEET

WETLAND PERMANENT IMPACTS = 0 SF (0.000 AC)
 WETLAND CLEARING IMPACT = 0 SF (0.000 AC)
 WETLAND ARMORING IMPACTS = 0 SF (0.000 AC)
 WETLAND OPEN WATERS IMPACT = 0 SF (0.000 AC)
 WETLAND PIPE IMPACT = 0 LF
 WETLAND CRITICAL PERMANENT IMPACTS = 10,039.79 SF (0.231 AC)
 WETLAND CRITICAL CLEARING IMPACT = 3,701.14 SF (0.085 AC)
 WETLAND CRITICAL ARMORING IMPACTS = 640.00 SF (0.014 AC)
 WETLAND CRITICAL CONST. ACCESS IMPACT = 0 SF (0.000 AC)
 WETLAND CRITICAL SHADING IMPACT = 2,272.68 SF (0.052 AC)

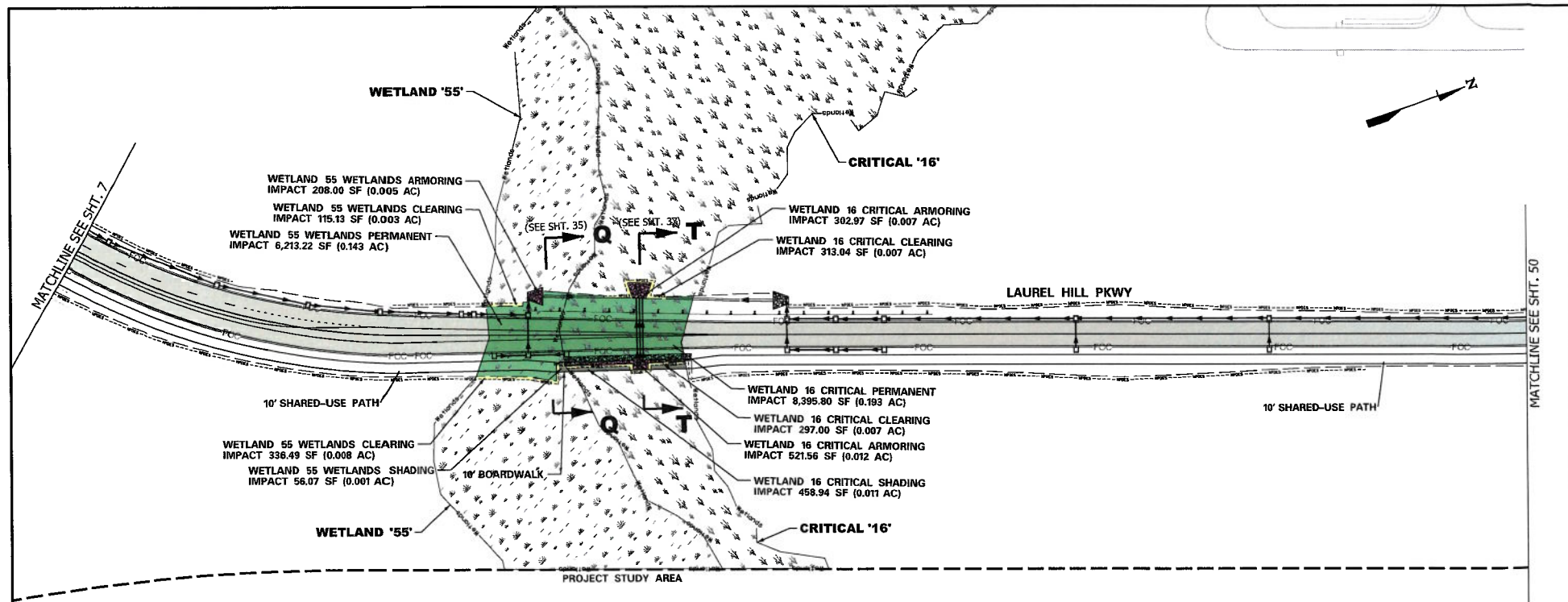


H2R Engineering, Inc.
 4410 Lenoir Avenue, Suite 100
 North Charleston, SC 29405
 PCL#143750

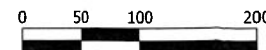
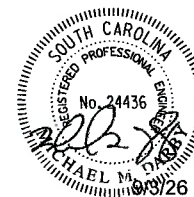
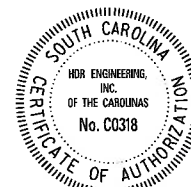
S.C. 41 CORRIDOR IMPROVEMENTS
 CHARLESTON COUNTY, S.C.
 APPLICATION BY CHARLESTON COUNTY, S.C.
 JULY 22, 2026



SHEET 15 OF 54



**SEE SPECIAL
CONDITION(S)**



SCALE: 1" = 100'

LEGEND

- FRESHWATER WETLAND
- CRITICAL WETLAND
- NON-WETLAND WATERS
- PERMANENT IMPACT
- CLEARING IMPACT
- NON-WETLAND WATERS ARMORING IMPACT
- NON-WETLAND WATERS PIPE IMPACT
- BRIDGE CONSTRUCTION ACCESS
- ROADWAY

IMPACTS THIS SHEET

- WETLAND PERMANENT IMPACTS = 6,213.22 SF (0.143 AC)
- WETLAND CLEARING IMPACT = 451.62 SF (0.011 AC)
- WETLAND ARMORING IMPACTS = 208.00 SF (0.005 AC)
- WETLAND OPEN WATERS IMPACT = 0 SF (0.000 AC)
- WETLAND SHADING IMPACT = 56.07 SF (0.001 AC)
- WETLAND CRITICAL PERMANENT IMPACTS = 8,395.80 SF (0.193 AC)
- WETLAND CRITICAL CLEARING IMPACT = 610.04 SF (0.014 AC)
- WETLAND CRITICAL ARMORING IMPACTS = 824.53 SF (0.019 AC)
- WETLAND CRITICAL CONST. ACCESS IMPACT = 0 SF (0.000 AC)
- WETLAND CRITICAL SHADING IMPACT = 458.94 SF (0.011 AC)



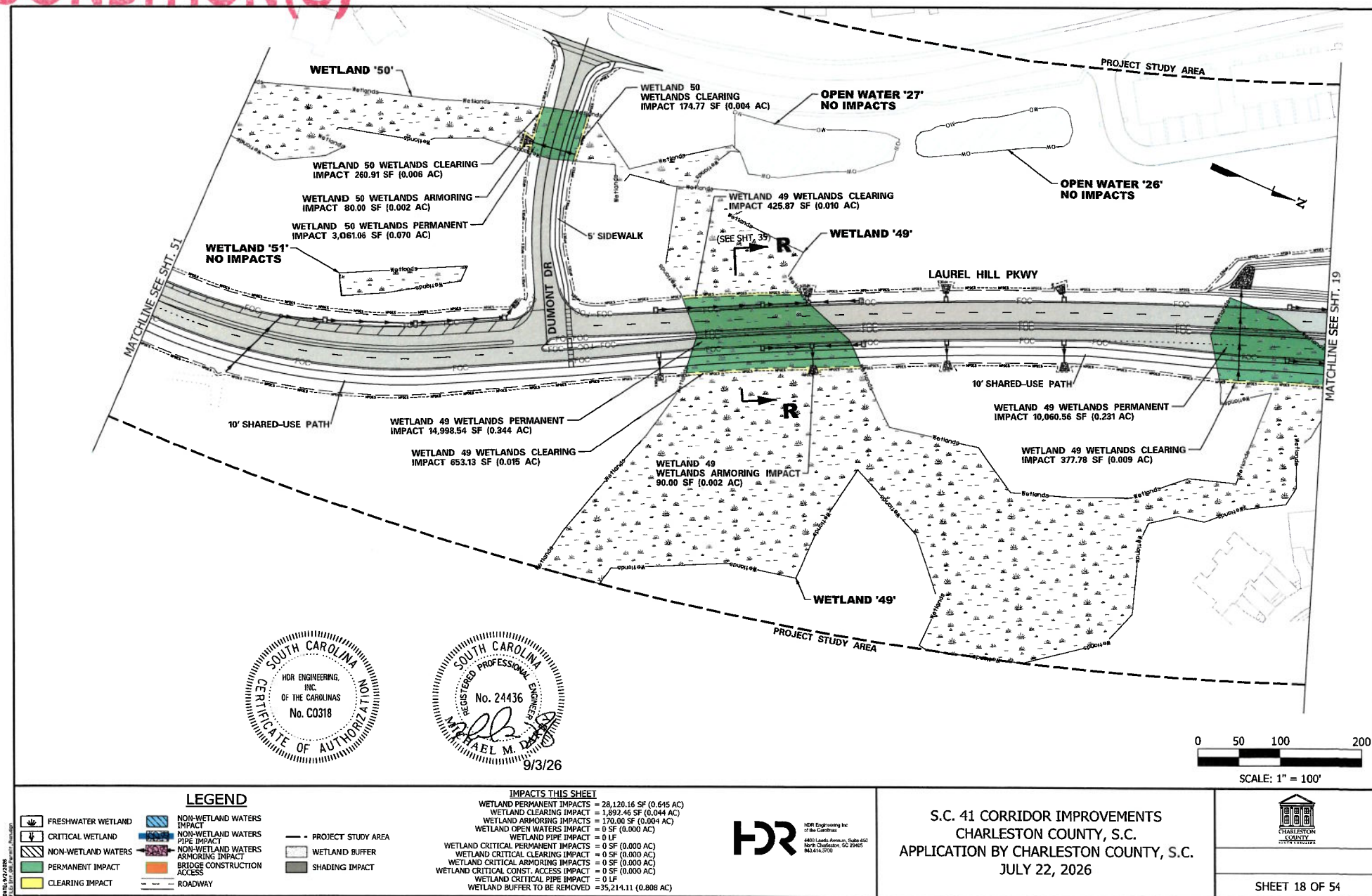
HDR Engineering, Inc.
of the Carolinas
4801 Leeds Avenue, Suite 602
North Charleston, SC 29405
843.414.3700

S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026

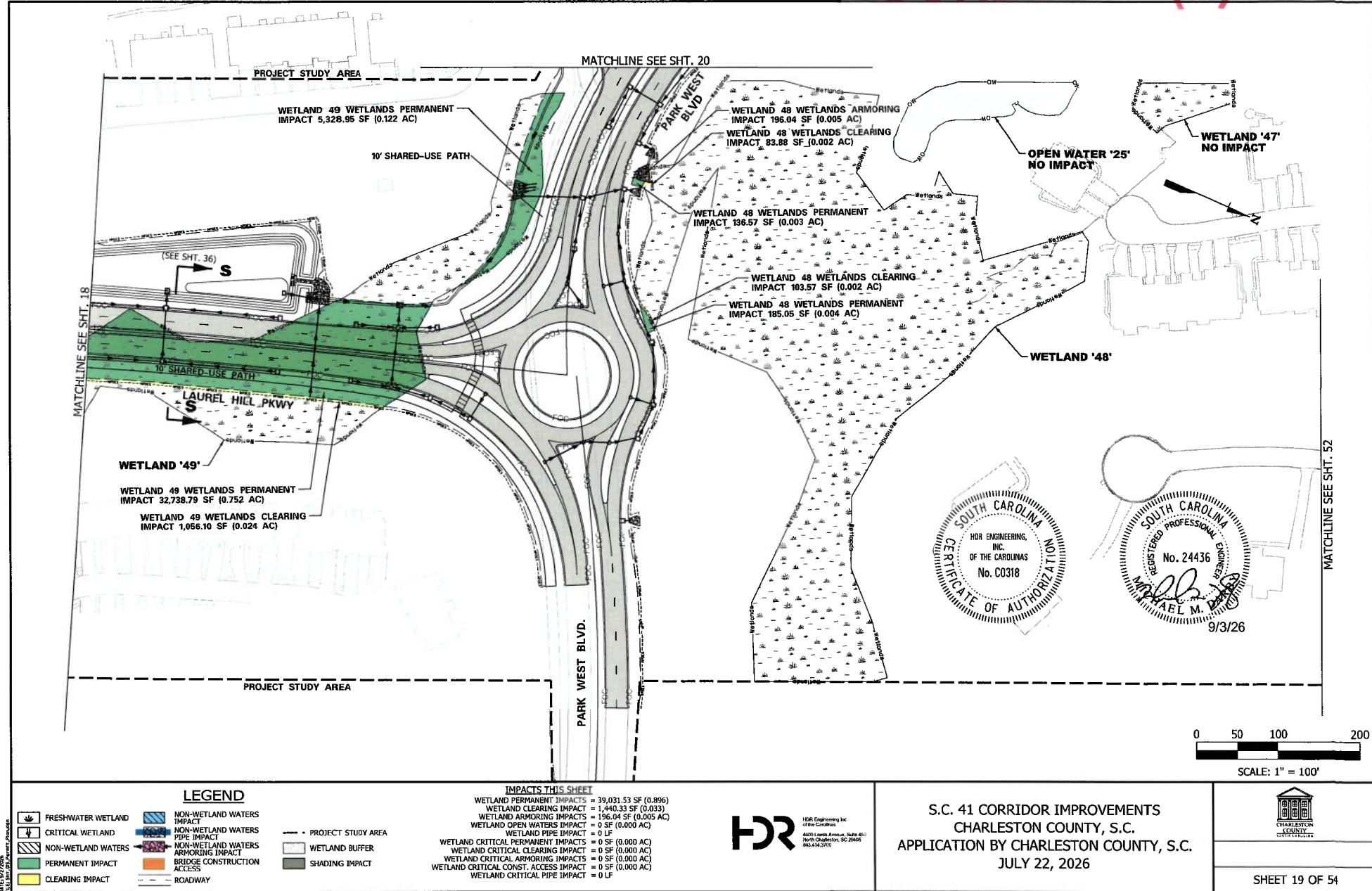


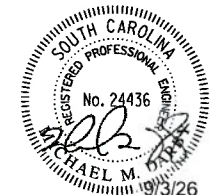
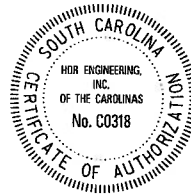
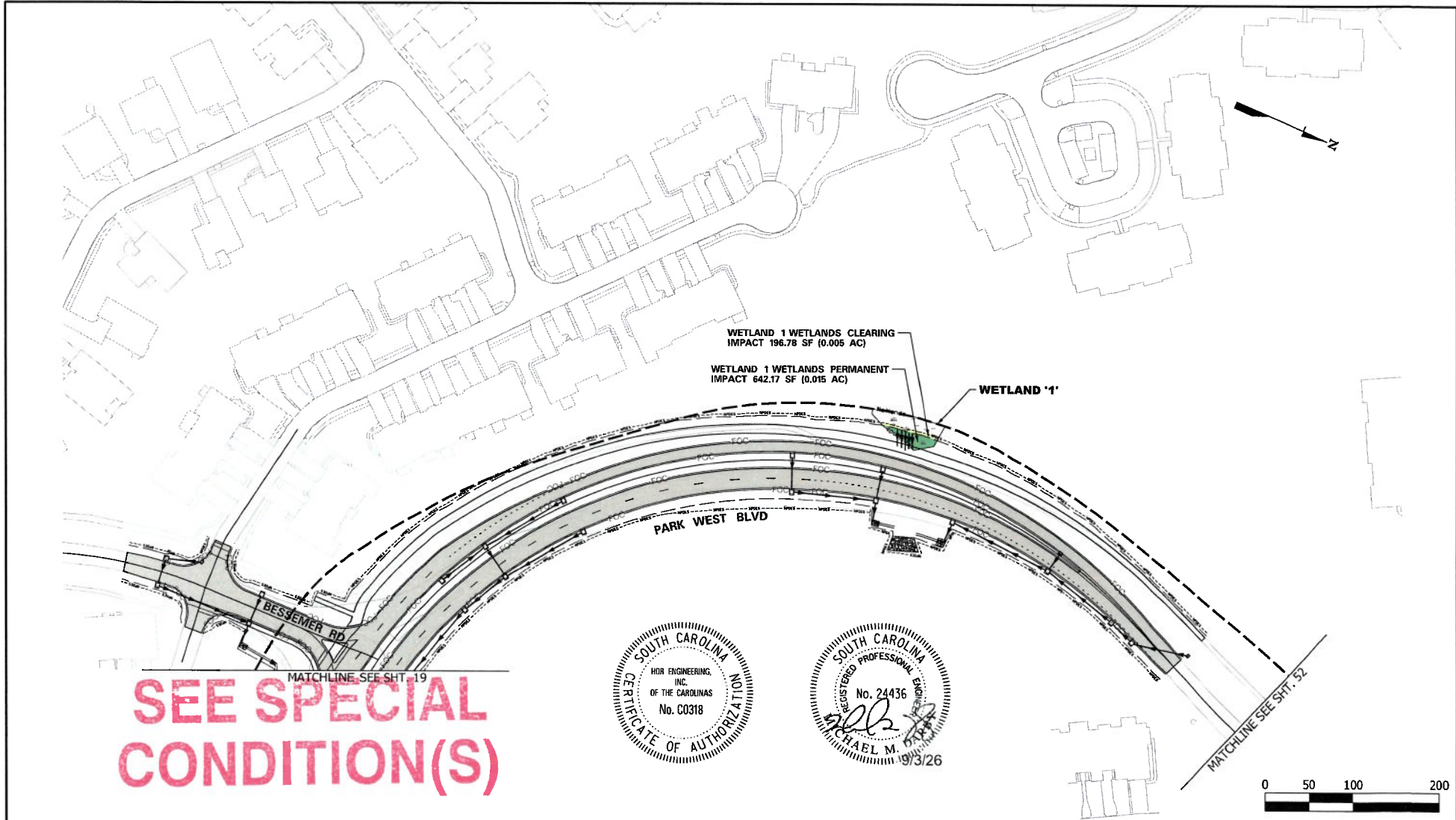
SHEET 17 OF 54

SEE SPECIAL CONDITION(S)



**SEE SPECIAL
CONDITION(S)**





SEE SPECIAL
CONDITION(S)

LEGEND

- | | | |
|--------------------|------------------------------------|--------------------|
| FRESHWATER WETLAND | NON-WETLAND WATERS IMPACT | PROJECT STUDY AREA |
| CRITICAL WETLAND | NON-WETLAND WATERS PIPE IMPACT | WETLAND BUFFER |
| NON-WETLAND WATERS | NON-WETLAND WATERS ARMORING IMPACT | SHADING IMPACT |
| PERMANENT IMPACT | BRIDGE CONSTRUCTION ACCESS | |
| CLEARING IMPACT | ROADWAY | |

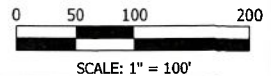
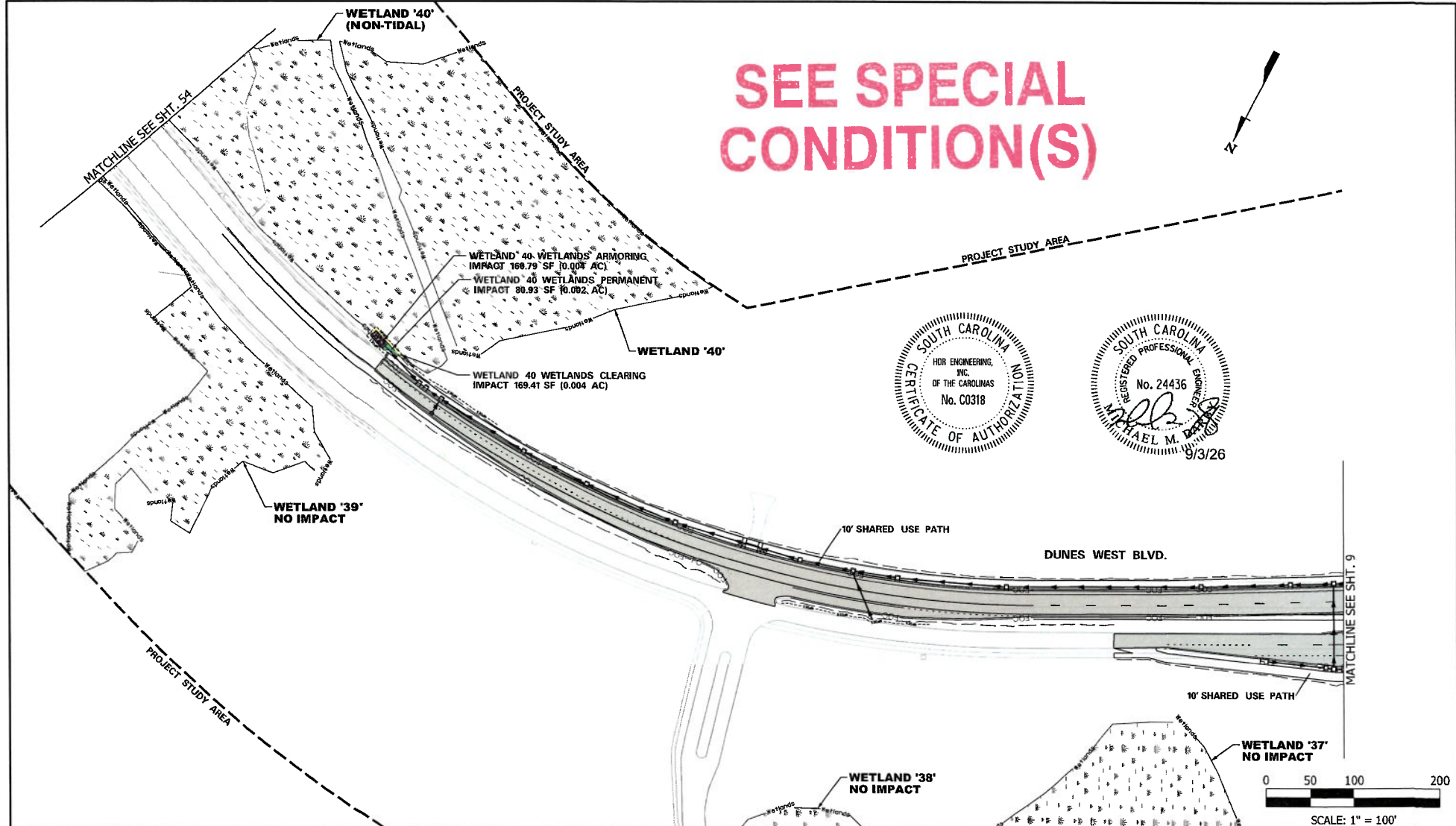
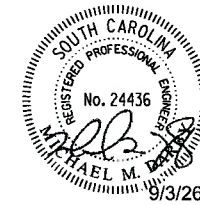
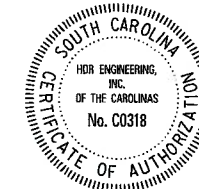
- IMPACTS THIS SHEET**
- | |
|---|
| WETLAND PERMANENT IMPACTS = 642.17 SF (0.015 AC) |
| WETLAND CLEARING IMPACT = 196.78 SF (0.005 AC) |
| WETLAND ARMORING IMPACTS = 0 SF (0.000 AC) |
| WETLAND OPEN WATERS IMPACT = 0 SF (0.000 AC) |
| WETLAND PIPE IMPACT = 0 LF |
| WETLAND CRITICAL PERMANENT IMPACTS = 0 SF (0.000 AC) |
| WETLAND CRITICAL CLEARING IMPACT = 0 SF (0.000 AC) |
| WETLAND CRITICAL ARMORING IMPACTS = 0 SF (0.000 AC) |
| WETLAND CRITICAL CONST. ACCESS IMPACT = 0 SF (0.000 AC) |
| WETLAND CRITICAL SHADING IMPACT = 0 SF (0.000 AC) |



S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



SEE SPECIAL
CONDITION(S)



LEGEND

- | | | | | | |
|--|------------------------------------|--|--------------------------------|--|--------------------|
| | FRESHWATER WETLAND | | NON-WETLAND WATERS IMPACT | | PROJECT STUDY AREA |
| | CRITICAL WETLAND | | NON-WETLAND WATERS PIPE IMPACT | | WETLAND BUFFER |
| | NON-WETLAND WATERS ARMORING IMPACT | | NON-WETLAND WATERS ACCESS | | SHADING IMPACT |
| | PERMANENT IMPACT | | CLEARING IMPACT | | ROADWAY |

IMPACTS THIS SHEET

WETLAND PERMANENT IMPACTS = 80.93 SF (0.002 AC)
 WETLAND CLEARING IMPACT = 169.41 SF (0.004 AC)
 WETLAND ARMORING IMPACTS = 160.79 SF (0.004 AC)
 WETLAND OPEN WATERS IMPACT = 0 SF (0.000 AC)
 WETLAND PIPE IMPACT = 0 LF
 WETLAND CRITICAL PERMANENT IMPACTS = 0 SF (0.000 AC)
 WETLAND CRITICAL CLEARING IMPACT = 0 SF (0.000 AC)
 WETLAND CRITICAL ARMORING IMPACTS = 0 SF (0.000 AC)
 WETLAND CRITICAL CONST. ACCESS IMPACT = 0 SF (0.000 AC)
 WETLAND CRITICAL PIPE IMPACT = 0 LF



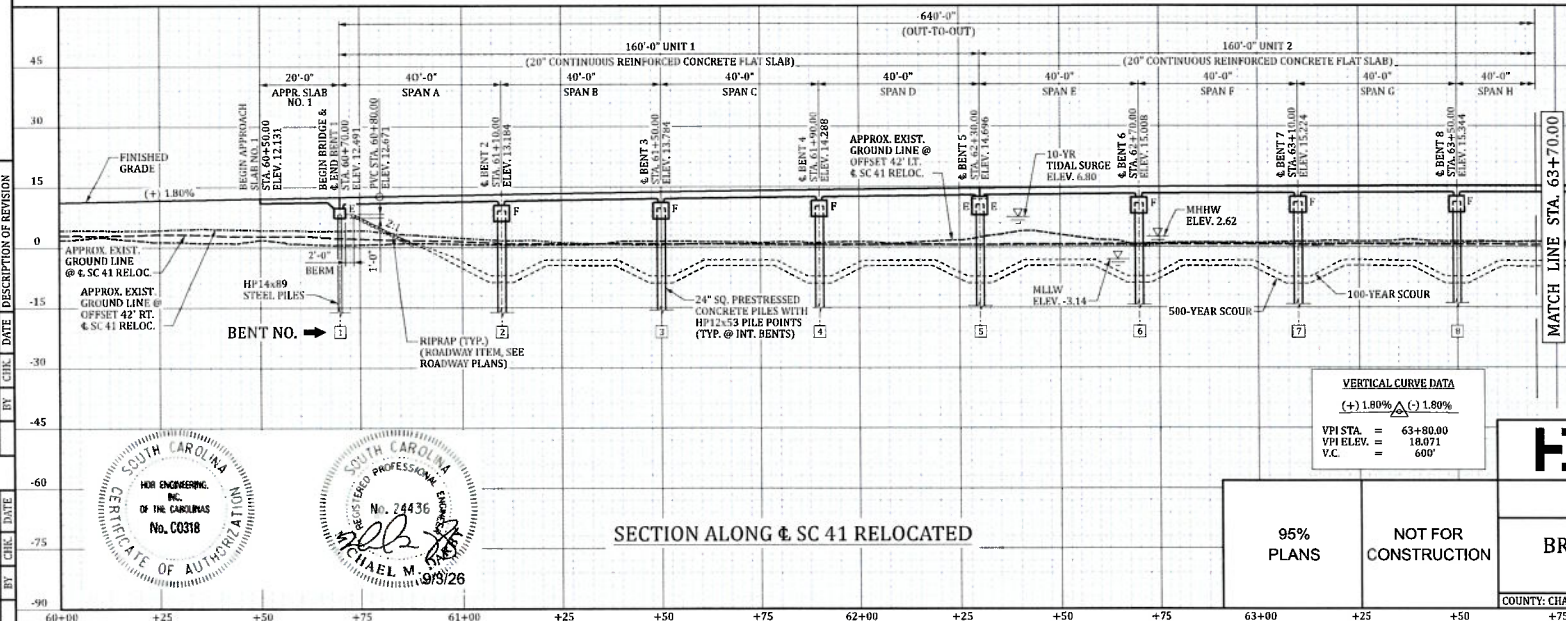
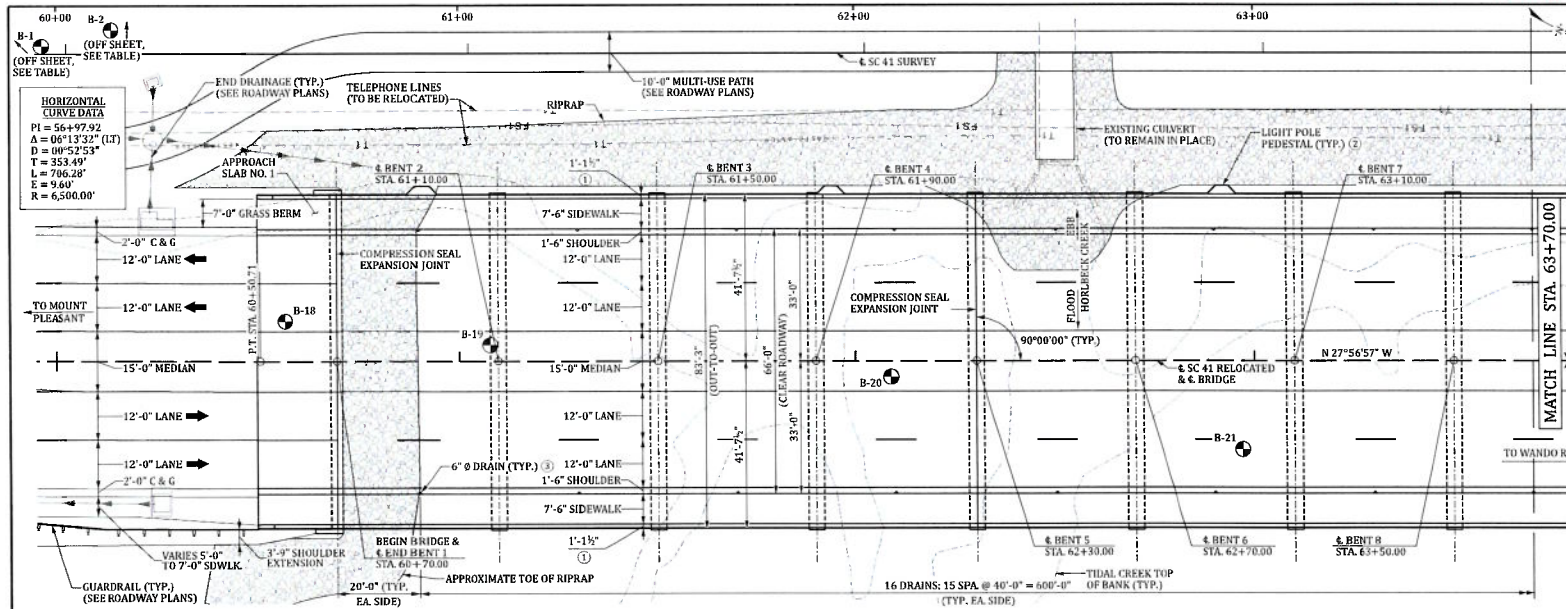
HDR Engineering Inc.
 of the Carolinas
 4401 South Avenue, Suite 400
 North Charleston, SC 29405
 843.474.5770

S.C. 41 CORRIDOR IMPROVEMENTS
 CHARLESTON COUNTY, S.C.
 APPLICATION BY CHARLESTON COUNTY, S.C.
 JULY 22, 2026



SHEET 21 OF 54

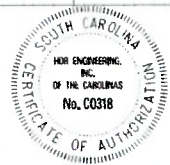
SEE SPECIAL
CONDITION(S)



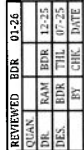
BROCKERS 7/29/2024 8:21:14 AM B0012_00_202811_001 Bridge Plan and Profile.dgn

REV.	BY	CHK.	DATE	DESCRIPTION OF REVISION
1	REV.			
2	REV.			
3	REV.			
4	REV.			
5	REV.			
6	REV.			
7	REV.			
8	REV.			
9	REV.			
10	REV.			

REVIEWED	BDR	01-26
QUN	RAM	12-25
DR	BDR	07-25
DES	BY	CHK. DATE



BEROGERS 4/27/2026 1:37:49 PM B0013_00_P028111_B01_Bridge_Plan_and_Profile_2.dgn



BERGERS 4/27/2026 2:26:54 PM B0014_00_P028111_B02_Bridge_Plan_and_Profile.dgn

	REVIEWED	BDR	07-26
	QUAN.		
	KAM	BDR	12-25
	DK.		
	DES	BDR	THU 09-25
	BY CHG'	DATE	

REV.				
REV.				
REV.				
	BY	CHK.	DATE	DESCRIPTION OF REVISION

REVIEWED	BDR	01-26
QUAN.		
DOR.	RAM	BDR 12-25
DOS.	BDR	THL 09-25
	RY	CHK DATE



NOTES:

FOR FORTKAWHAE DRAIN DETAIL 5, SEE G-SHEETS WITHIN THE ROADWAY PLANS.

FOR ADDITIONAL UTILITY INFORMATION, SEE ROADWAY PLANS.

FOR STAGES OF CONSTRUCTION, SEE SHEET NOS. 12 & 13.

1 INCLUDES 1'-0" MASH RAILING WALL AND 1 1/2' SLAB EXTENSION.

2 EXISTING UNKNOWN UNDERGROUND UTILITY LINE (TO BE RELOCATED, SEE ROADWAY PLANS).

3 EXISTING UNDERGROUND, COMMUNICATIONS LINE (TO BE RELOCATED, SEE ROADWAY PLANS).

4 EXISTING UNDERGROUND WATER LINE (TO BE RELOCATED, SEE ROADWAY PLANS).

5 FOR LIGHT POLE PEDESTAL LOCATIONS, SEE SHEET NO. 39.

6 FOR DECK DRAINS, SEE SHEET NO. 4.

7 REMOVE AND DISPOSE OF TOP AND SIDES OF EXISTING SINGLE 4'x6'x8" BOX CULVERT AND APPURTENANCES IN ACCORDANCE WITH SUBSECTION 292.2 OF THE STANDARD SPECIFICATIONS. ALL MATERIALS INCORPORATED IN THE UNIT PRICE BID FOR "REMOVAL AND DISPOSAL OF EXISTING CULVERT (4'x6")" FOR DETAILS, SEE ROADWAY PLANS.

F - DENOTES FINISHED SUPPORT.

E - DENOTES EXPANSION SUPPORT.

HYDROLOGY DATA

15 DA = N/A (TIDAL)
MEAN HIGHER HIGH TIDE EL. = 2.62'
MEAN LOWER LOW TIDE EL. = -3.14'
10-YR TIDAL SURGE HEIGHT = 6.5'
(INCLUDES WAVE HEIGHT)
0 100-YR STILLWATER HEIGHT = 9.0'
(MILL)
V100-YR TIDAL SURGE = 22 FPS
500-YR STILLWATER HEIGHT = 12.4'
(MILL)
-15 V500-YR TIDAL SURGE = N/A

NOTE: ELEVATIONS ARE BASED ON NAVD 88. DESIGN CRITERIA IS 2' FRESHWATER ABOVE 10-YR STORM PLUS WAVE HEIGHT WATER ELEVATION +8.8.

-30

BORING LOCATIONS			
60	BORING ID	STATION	OFFSET FROM C SC 41 RELOCATED
45	B-11	228+19	18' RT.
	B-26	228+85	54' LT.
	B-12	229+12	26' RT.
	B-13	230+16	23' RT.
30	B-14	231+32	33' RT.
	B-27	231+37	40' LT.
	B-15	232+49	47' RT.

כח

HDR Engineering Inc. of the Carolinas
4400 Leeds Avenue, Suite 450
North Charleston, SC 29405
Telephone: (843) 414-3700

CHARLESTON COUNTY

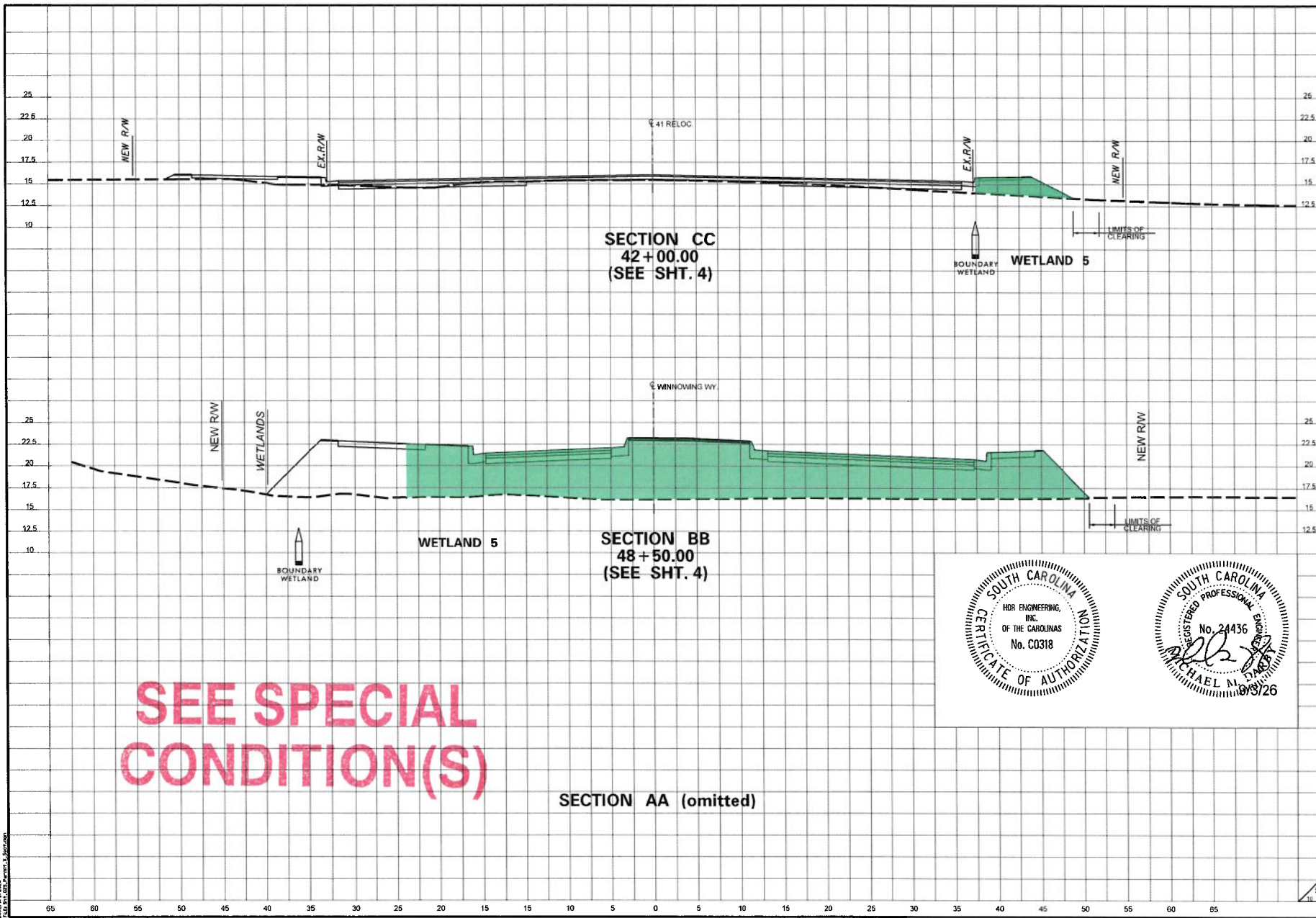
BRIDGE PLAN AND PROFILE

COUNTY: CHARLESTON

ROUTE: SC 41

9/3/2

DATE: 10/2/2024
FILE: 10024-0001-01-001.dwg

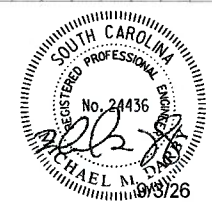
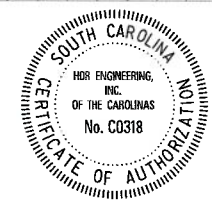


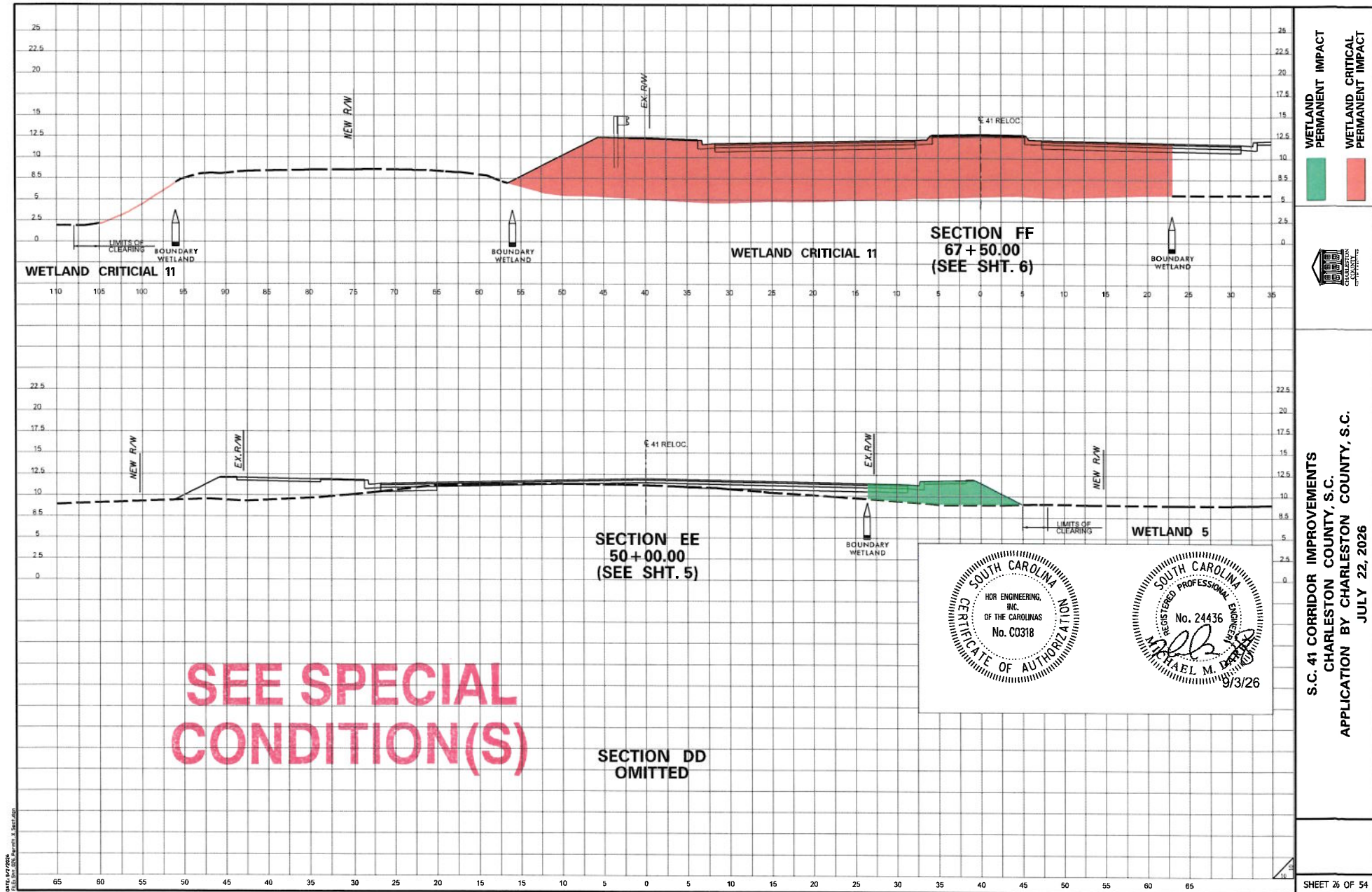
SEE SPECIAL
CONDITION(S)

WETLAND PERMANENT IMPACT
WETLAND CRITICAL PERMANENT IMPACT

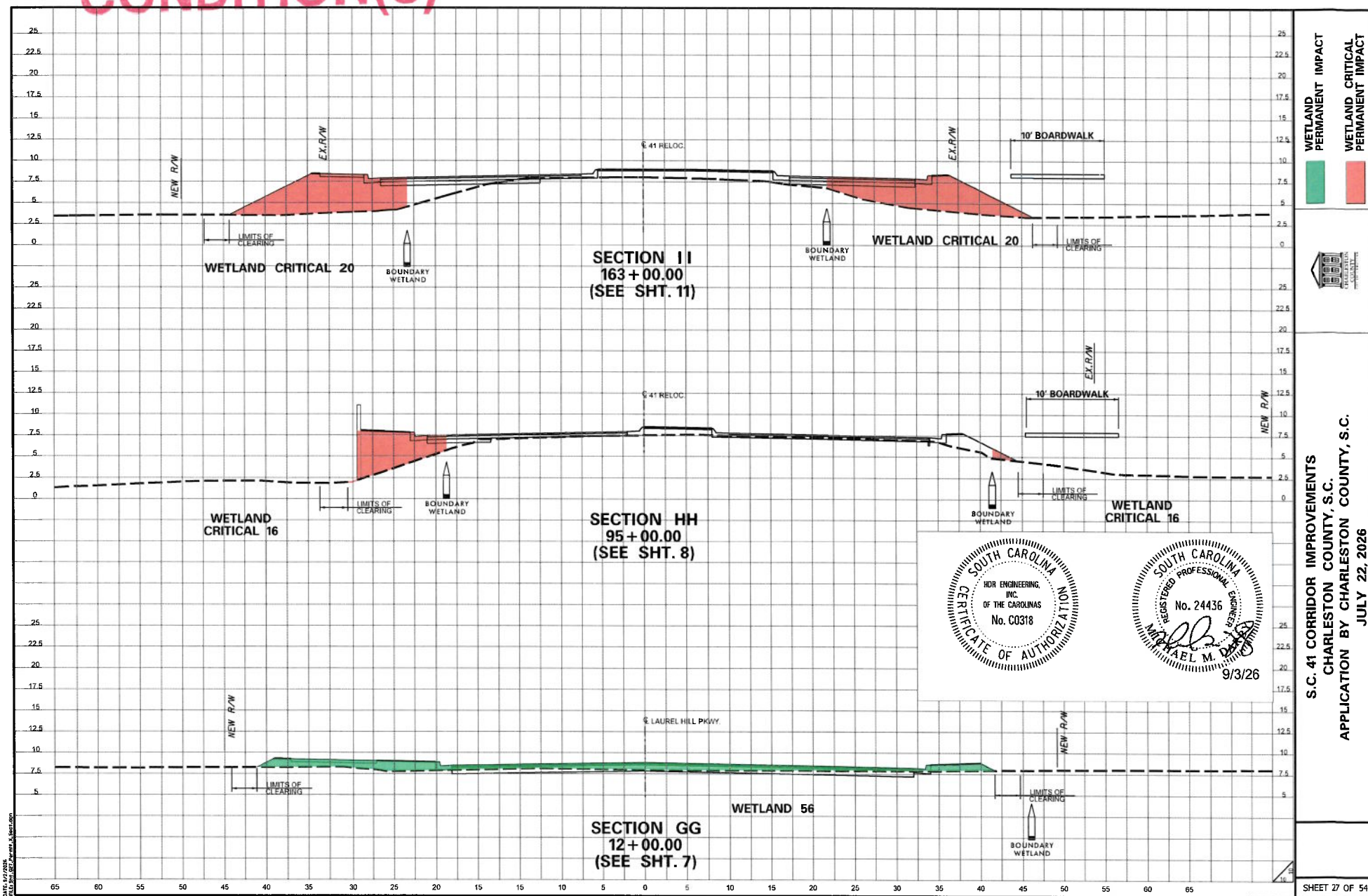


S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026





SEE SPECIAL
CONDITION(S)



WETLAND IMPACT

PERMANENT

CRITICAL

PERMANENT



S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026

SEE SPECIAL
CONDITION(S)

SECTION LL (omitted)

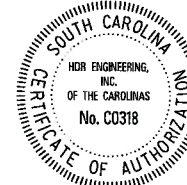
WETLAND 24

SECTION KK
195+00.00
(SEE SHT. 15)

WETLAND 23

SECTION JJ
185+00.00
(SEE SHT. 14)

WETLAND 22



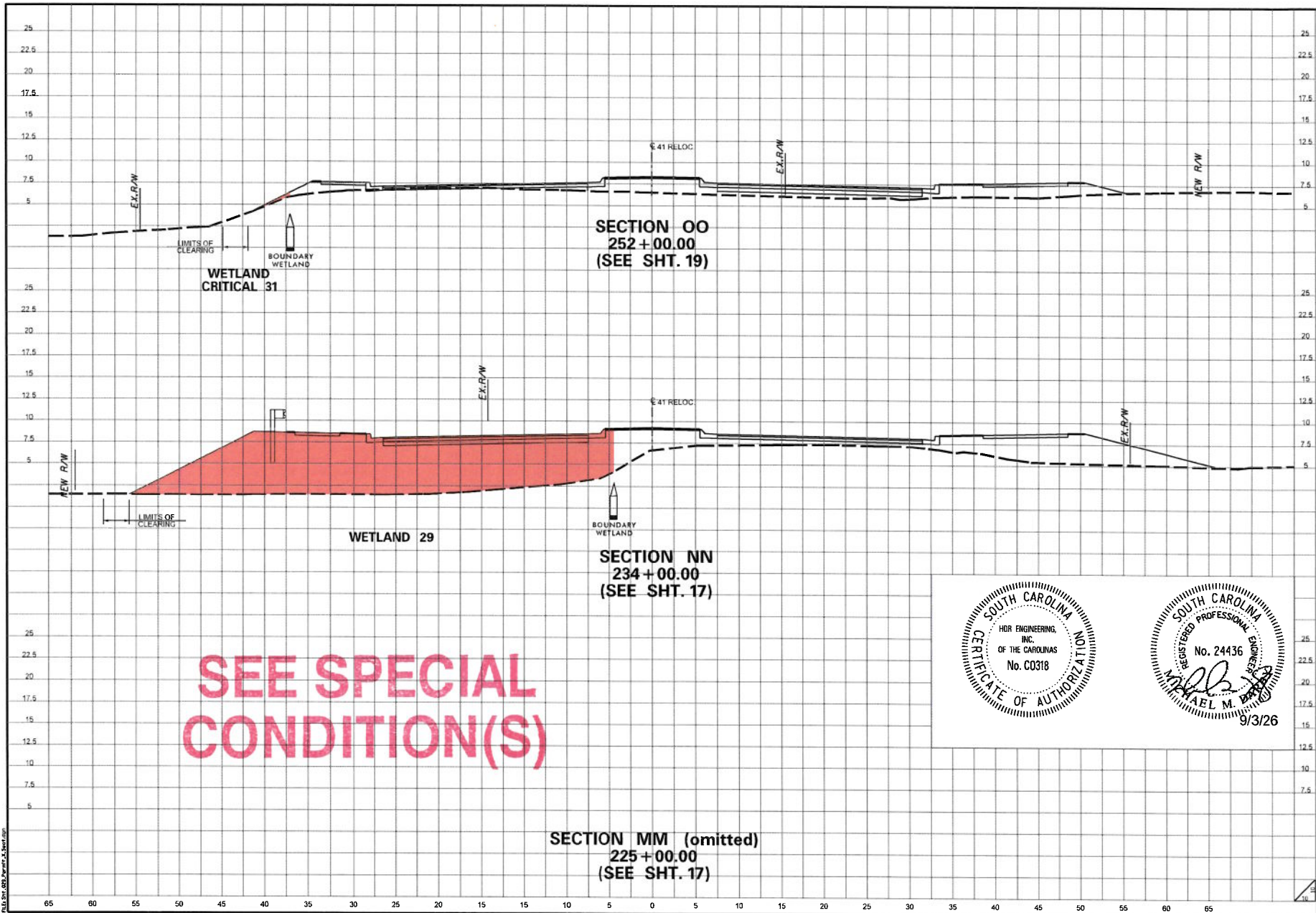
WETLAND
PERMANENT
IMPACT

WETLAND
CRITICAL
PERMANENT
IMPACT



S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026

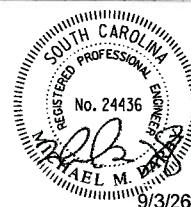
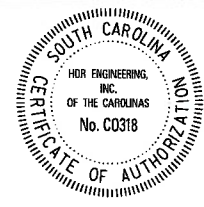
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FILE: S:\031-002\031-002-1\031-002-1.dwg

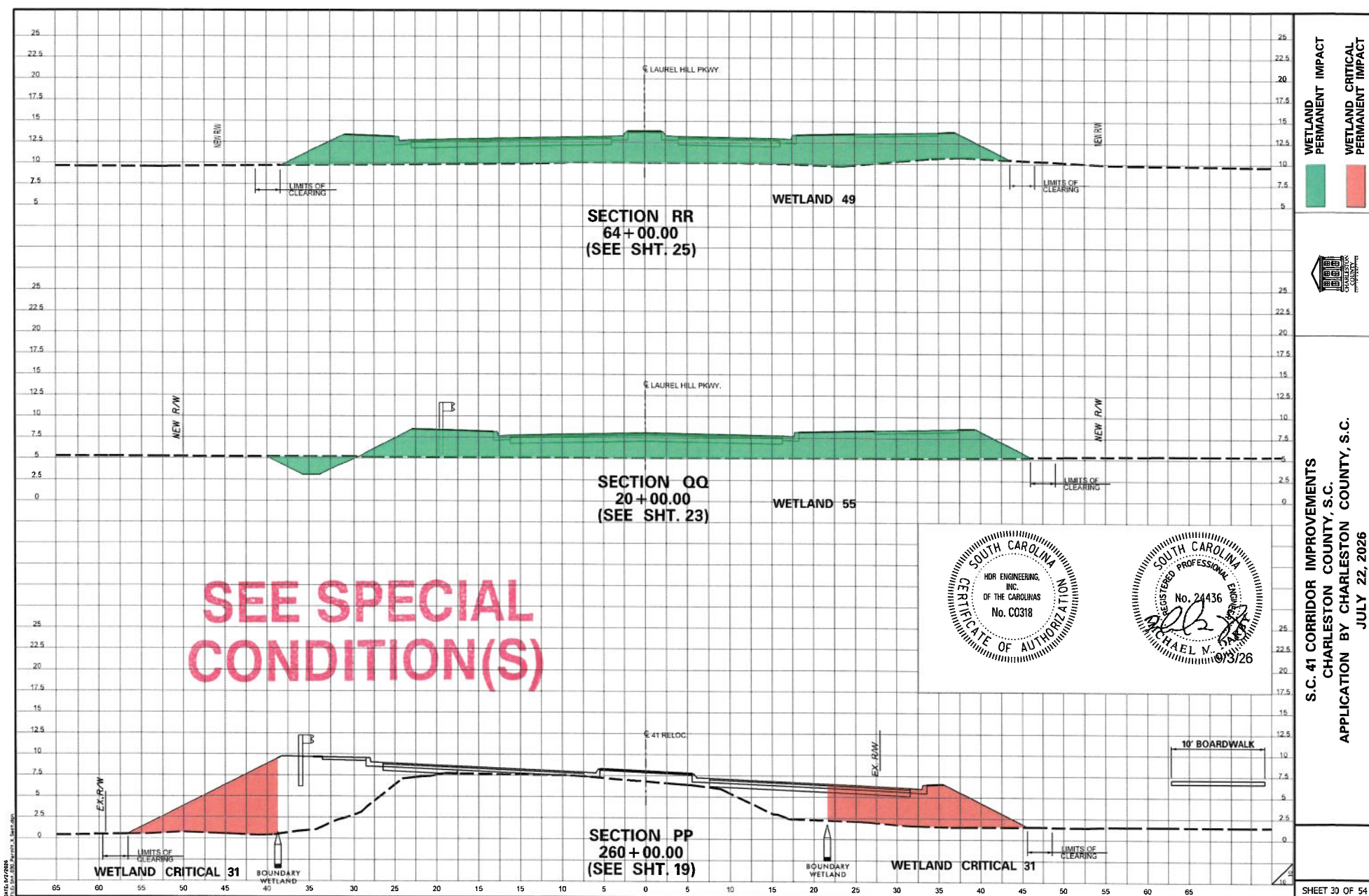


WETLAND PERMANENT IMPACT
WETLAND CRITICAL PERMANENT IMPACT



S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
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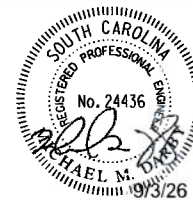
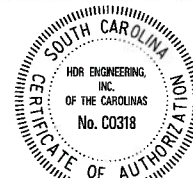
SEE SPECIAL
CONDITION(S)

WETLAND IMPACT
PERMANENT

WETLAND CRITICAL
PERMANENT IMPACT



S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



PROPOSED POND

E LAUREL HILL PKWY.

BOUNDARY
WETLAND

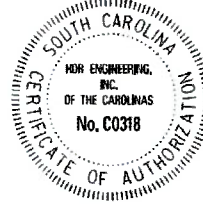
SECTION SS
72+00.00
(SEE SHT. 26)

WETLAND 49

NEW R/W

LIMITS OF
CLEARING

SEE SPECIAL CONDITION(S)



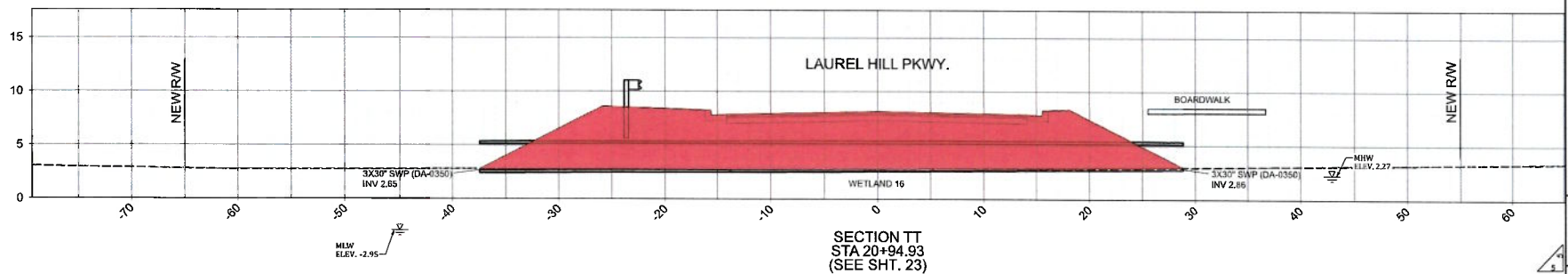
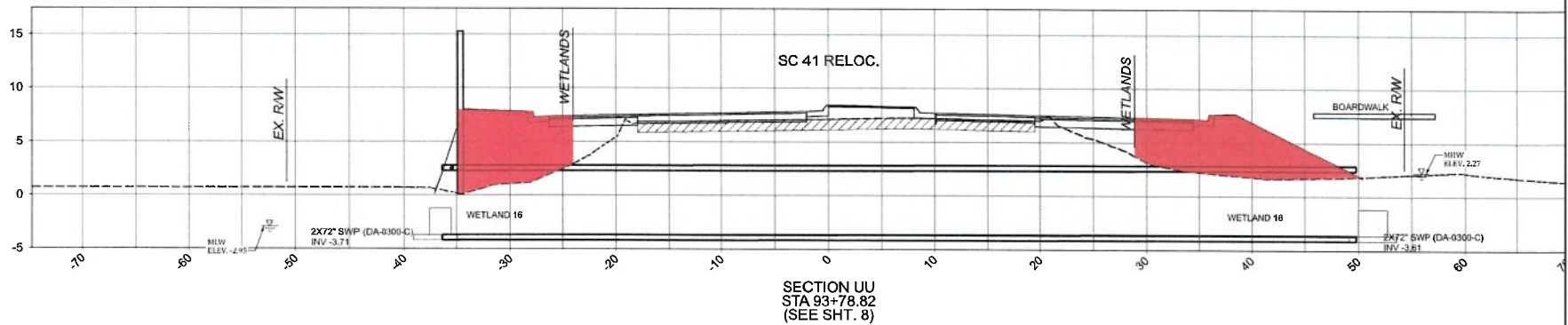
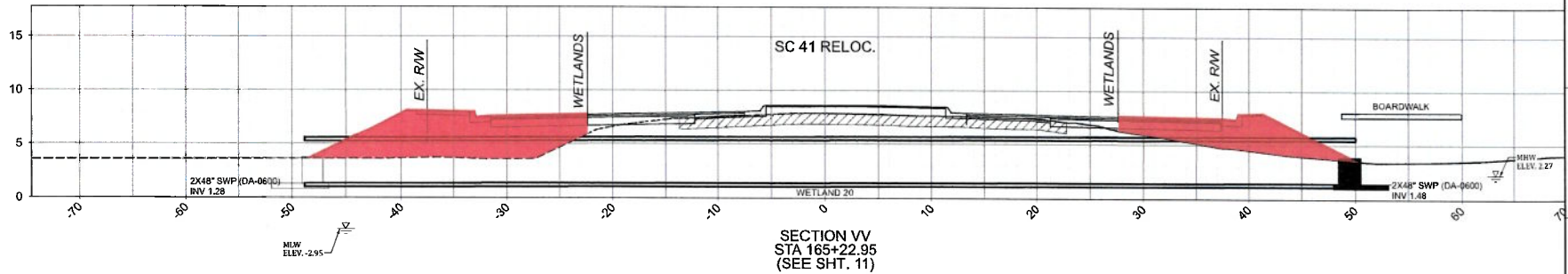
WETLAND IMPACT
PERMANENT

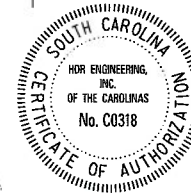
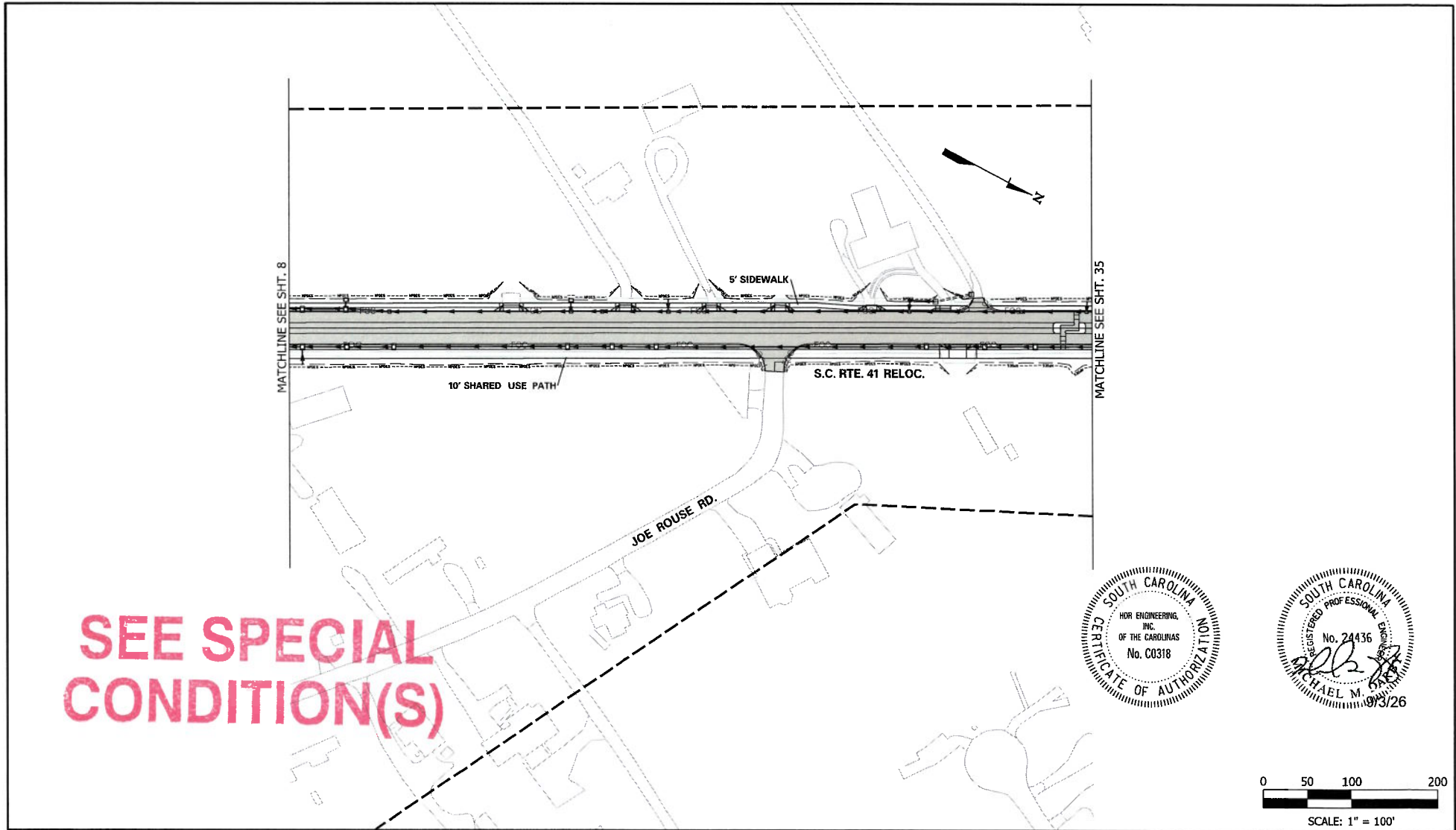
WETLAND CRITICAL
PERMANENT



S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026

SHEET 32 OF 54





DATE: 6/27/2026
FILED BY: JCH

	FRESHWATER WETLAND		NON-WETLAND WATERS IMPACT		PROJECT STUDY AREA
	CRITICAL WETLAND		NON-WETLAND WATERS PIPE IMPACT		WETLAND BUFFER
	NON-WETLAND WATERS		NON-WETLAND WATERS ARMORING IMPACT		SHADING IMPACT
	PERMANENT IMPACT		BRIDGE CONSTRUCTION ACCESS		
	CLEARING IMPACT		ROADWAY		

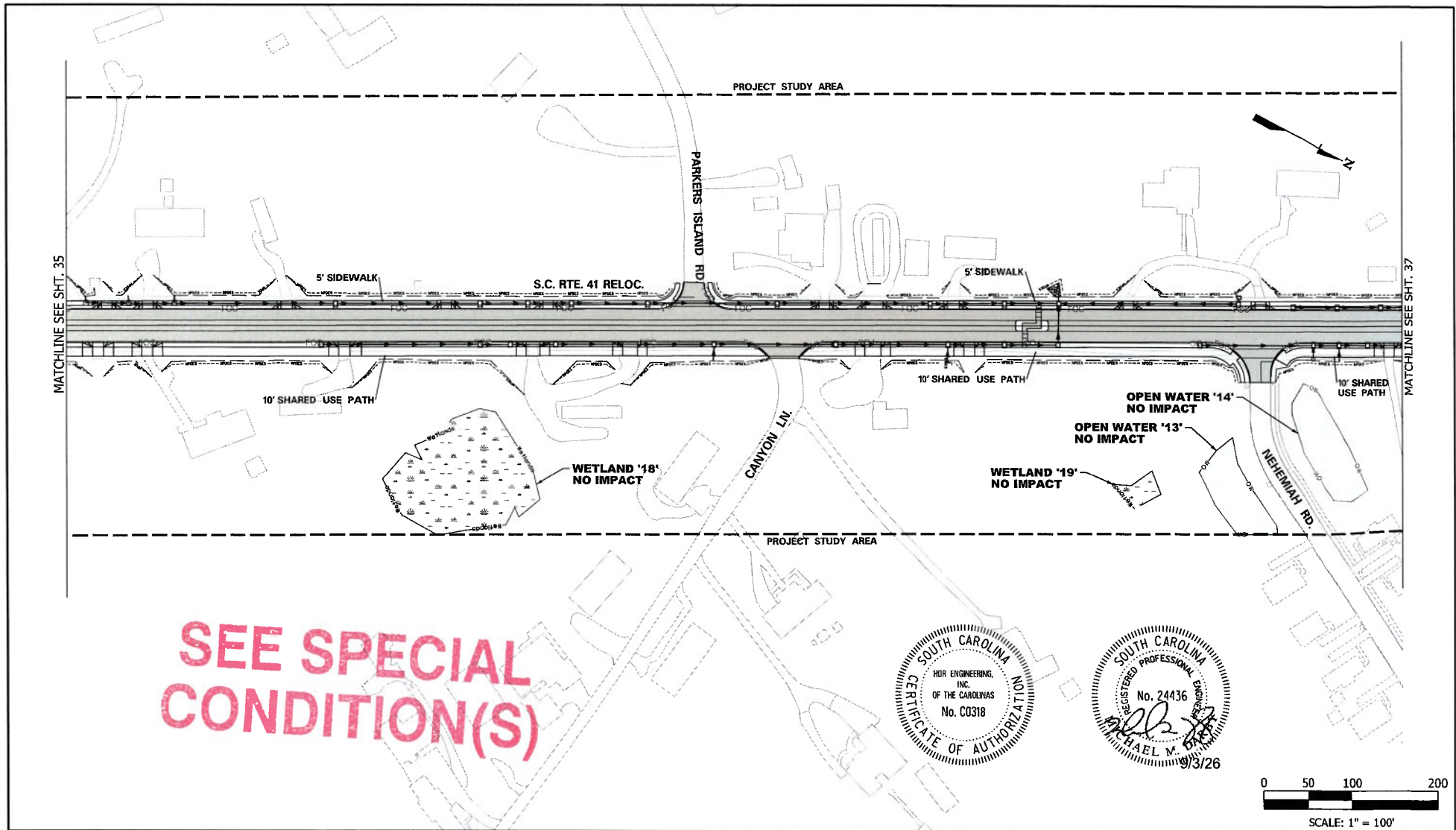
NO IMPACTS THIS SHEET



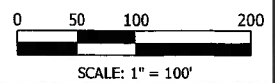
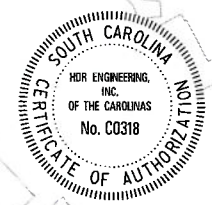
S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



SHEET 34 OF 54



SEE SPECIAL
CONDITION(S)



DATE: 8/17/2024
FILE: S:\04_41_Rte_41_Plan.sxd

LEGEND	
	FRESHWATER WETLAND
	CRITICAL WETLAND
	NON-WETLAND WATERS
	PERMANENT IMPACT
	CLEARING IMPACT
	NON-WETLAND WATERS IMPACT
	NON-WETLAND WATERS PIPE IMPACT
	NON-WETLAND WATERS ANCHORING IMPACT
	BRIDGE CONSTRUCTION ACCESS
	ROADWAY
	PROJECT STUDY AREA
	WETLAND BUFFER
	SHADING IMPACT

NO IMPACTS THIS SHEET



S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



SEE SPECIAL
CONDITION(S)



MATCHLINE SEE SHT. 36

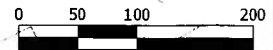
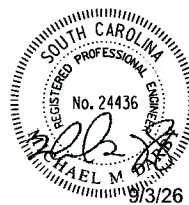
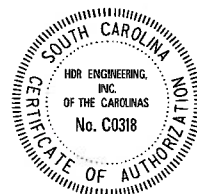
MATCHLINE SEE SHT. 9

5' SIDEWALK

OLIVER BROWN RD.

S.C. RTE. 41 RELOC. 5' SIDEWALK

10' SHARED USE PATH



SCALE: 1" = 100'

LEGEND

- | | | |
|--------------------|------------------------------------|--------------------|
| FRESHWATER WETLAND | NON-WETLAND WATERS IMPACT | PROJECT STUDY AREA |
| CRITICAL WETLAND | NON-WETLAND WATERS PIPE IMPACT | WETLAND BUFFER |
| NON-WETLAND WATERS | NON-WETLAND WATERS ARRIKING IMPACT | SHADING IMPACT |
| PERMANENT IMPACT | BRIDGE CONSTRUCTION ACCESS | |
| CLEARING IMPACT | ROADWAY | |

NO IMPACTS THIS SHEET



HDR Engineering Inc.
of the Carolinas
4800 North Avenue, Suite 450
North Charleston, SC 29405
903.414.3700

S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



SHEET 37 OF 54

DATE: 04/20/26
FILE: SCDOT-41-IMP-APP-37

SEE SPECIAL
CONDITION(S)

LEGEND

	FRESHWATER WETLAND		NON-WETLAND WATERS IMPACT		PROJECT STUDY AREA
	CRITICAL WETLAND		NON-WETLAND WATERS PIPE IMPACT		WETLAND BUFFER
	NON-WETLAND WATERS		NON-WETLAND WATERS ARMORING IMPACT		SHADING IMPACT
	PERMANENT IMPACT		BRIDGE CONSTRUCTION ACCESS		ROADWAY
	CLEARING IMPACT				

NO IMPACTS THIS SHEET

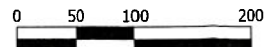
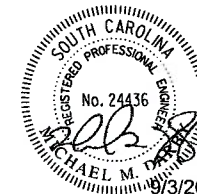
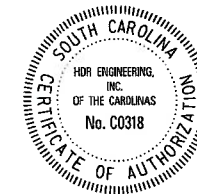


HDR Engineering Inc.
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4400 Lenoir Avenue, Suite 400
Raleigh, North Carolina, NC 27603
919.816.3300

S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026

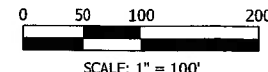
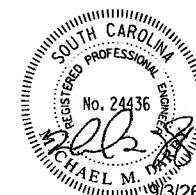
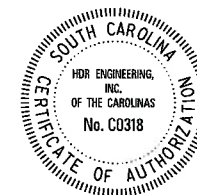
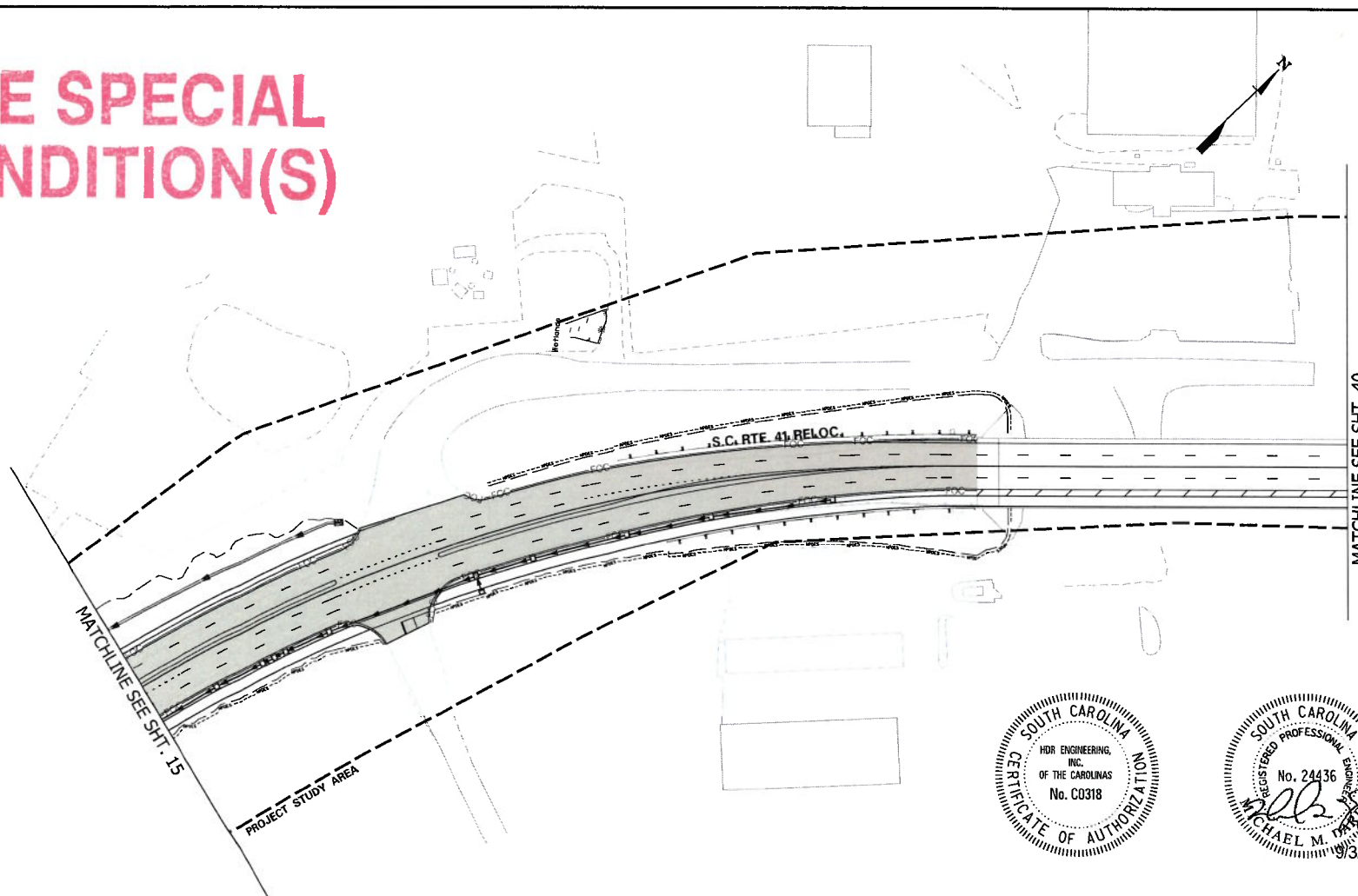


SHEET 38 OF 54



SCALE: 1" = 100'

SEE SPECIAL
CONDITION(S)



LEGEND

- | | | |
|--------------------|------------------------------------|--------------------|
| FRESHWATER WETLAND | NON-WETLAND WATERS IMPACT | PROJECT STUDY AREA |
| CRITICAL WETLAND | NON-WETLAND WATERS PIPE IMPACT | WETLAND BUFFER |
| NON-WETLAND WATERS | NON-WETLAND WATERS ARMORING IMPACT | SHADING IMPACT |
| PERMANENT IMPACT | BRIDGE CONSTRUCTION ACCESS | ROADWAY |
| CLEARING IMPACT | | |

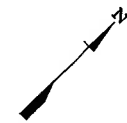
NO IMPACTS THIS SHEET



S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



SHEET 39 OF 54

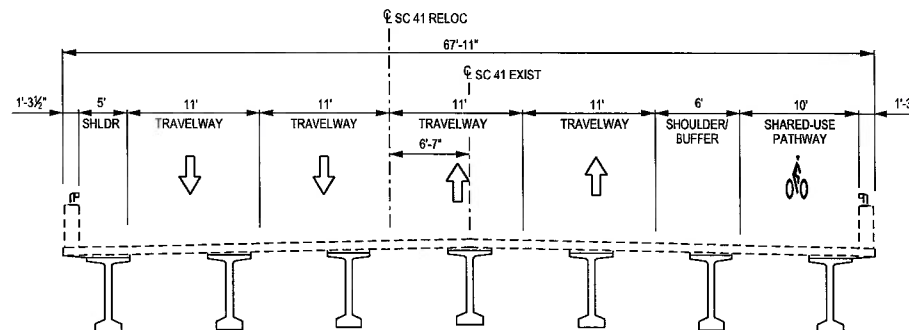
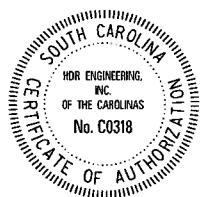


SEE SPECIAL
CONDITION(S)

S.C. RTE. 41 RELOC.

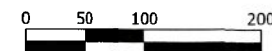
MATCHLINE SEE SHT. 39

MATCHLINE SEE SHT. 41



WANDO RIVER BRIDGE TYPICAL SECTION

USE THIS SECTION ON:
S.C. 41 RELOC STA 273+42.00 TO STA 297+70.66
(RETAIN EXISTING BRIDGE)



SCALE: 1" = 100'

LEGEND

	FRESHWATER WETLAND		NON-WETLAND WATERS IMPACT		PROJECT STUDY AREA
	CRITICAL WETLAND		NON-WETLAND WATERS PIPE IMPACT		WETLAND BUFFER
	NON-WETLAND WATERS		NON-WETLAND WATERS ARMORING IMPACT		SHADING IMPACT
	PERMANENT IMPACT		BRIDGE CONSTRUCTION ACCESS		
	CLEARING IMPACT		ROADWAY		

NO IMPACTS THIS SHEET

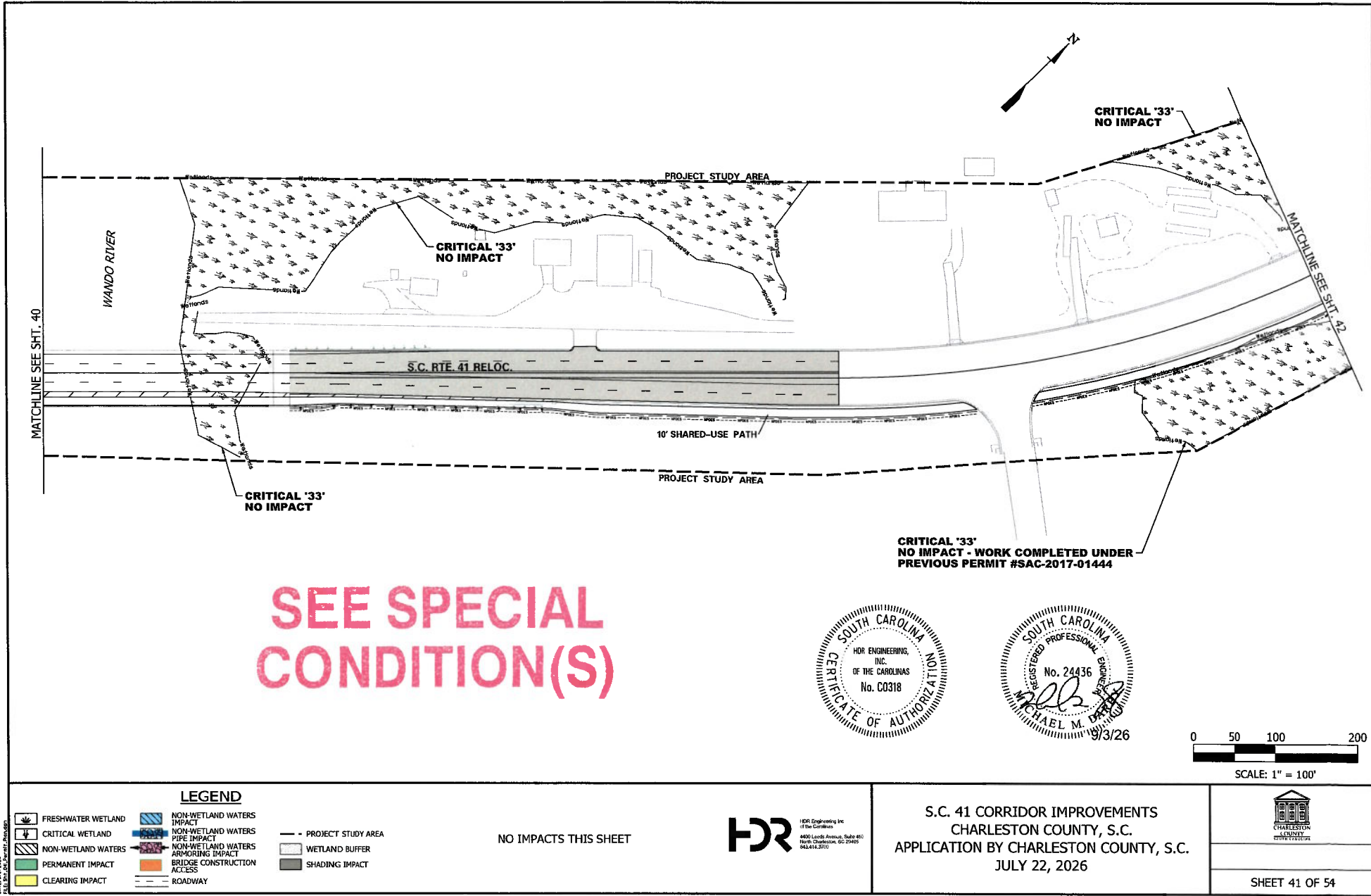


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of the Carolinas
4400 Leeds Avenue, Suite 400
North Charleston, SC 29405
(843) 414,3200

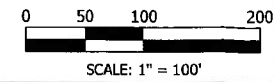
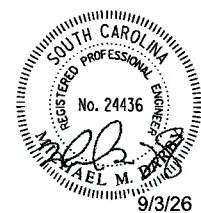
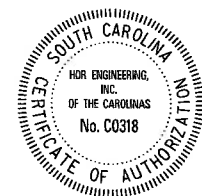
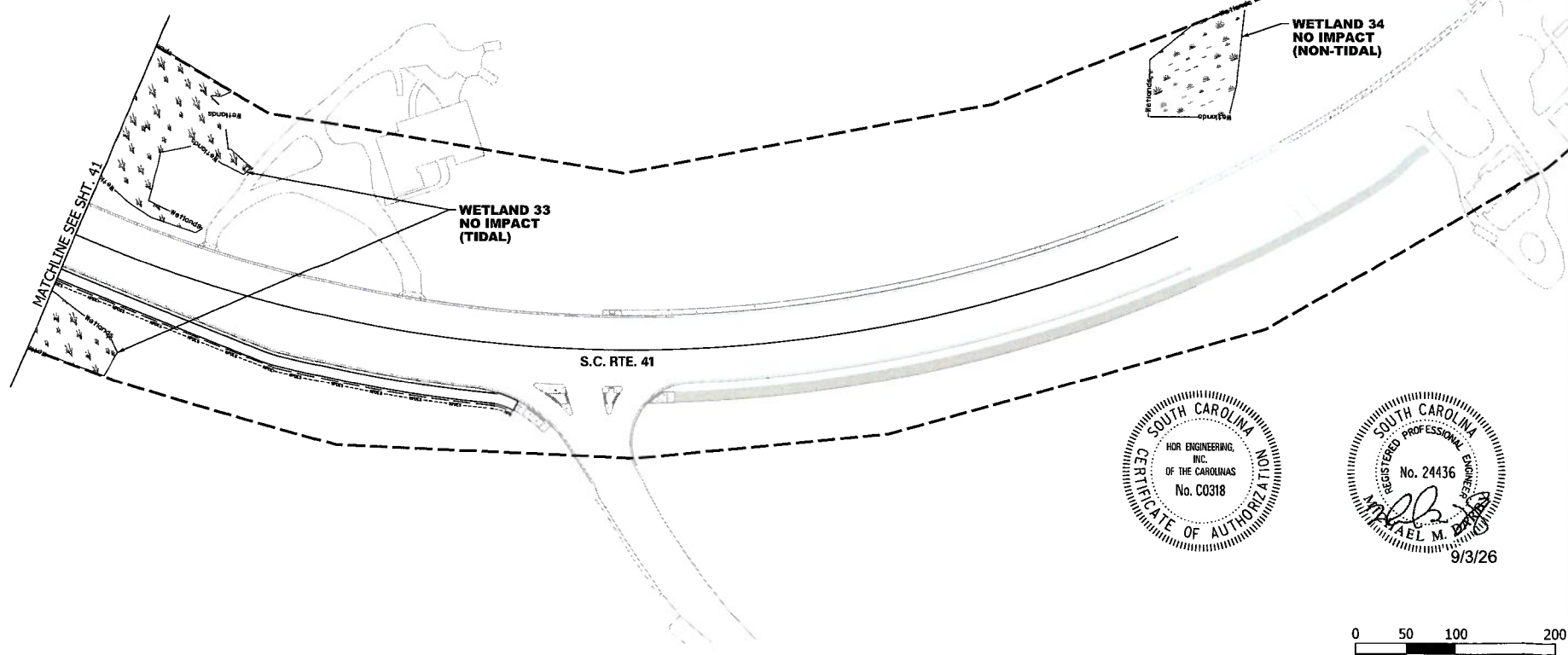
S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



SHEET 40 OF 54



SEE SPECIAL CONDITION(S)



LEGEND

- | | | |
|--------------------|------------------------------------|--------------------|
| FRESHWATER WETLAND | NON-WETLAND WATERS IMPACT | PROJECT STUDY AREA |
| CRITICAL WETLAND | NON-WETLAND WATERS PIPE IMPACT | WETLAND BUFFER |
| NON-WETLAND WATERS | NON-WETLAND WATERS ARMORING IMPACT | SHADING IMPACT |
| PERMANENT IMPACT | BRIDGE CONSTRUCTION ACCESS | ROADWAY |
| CLEARING IMPACT | | |

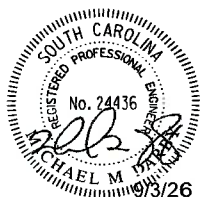
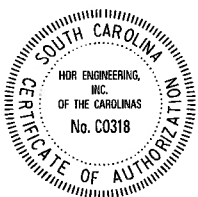
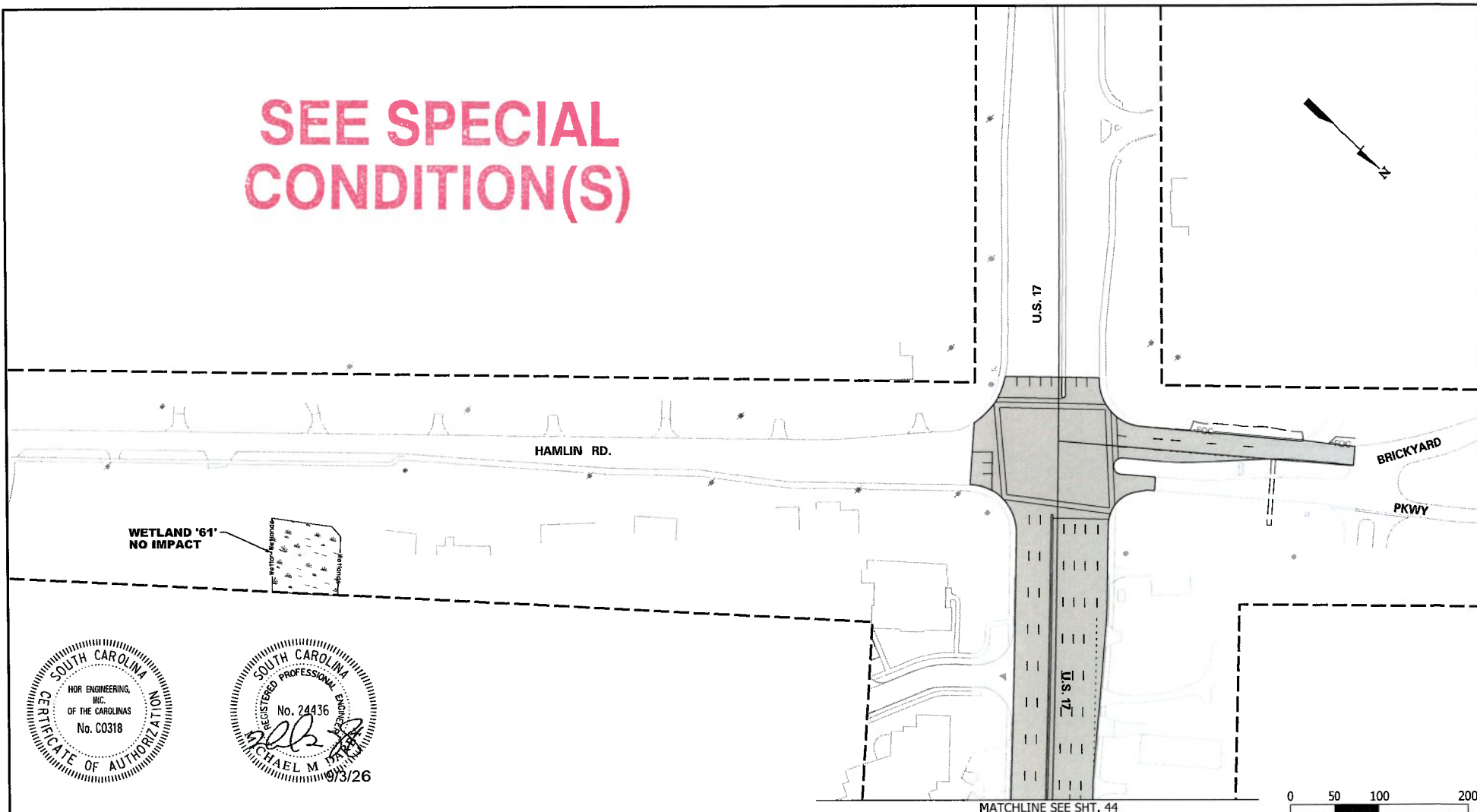
NO IMPACTS THIS SHEET



S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



SEE SPECIAL
CONDITION(S)



LEGEND

- | | | |
|--------------------|------------------------------------|--------------------|
| FRESHWATER WETLAND | NON-WETLAND WATERS IMPACT | PROJECT STUDY AREA |
| CRITICAL WETLAND | NON-WETLAND WATERS PIPE IMPACT | WETLAND BUFFER |
| NON-WETLAND WATERS | NON-WETLAND WATERS ARMORING IMPACT | SHADING IMPACT |
| PERMANENT IMPACT | BRIDGE CONSTRUCTION ACCESS | |
| CLEARING IMPACT | ROADWAY | |

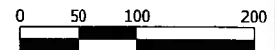
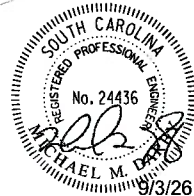
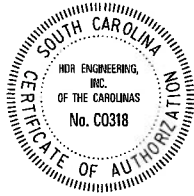
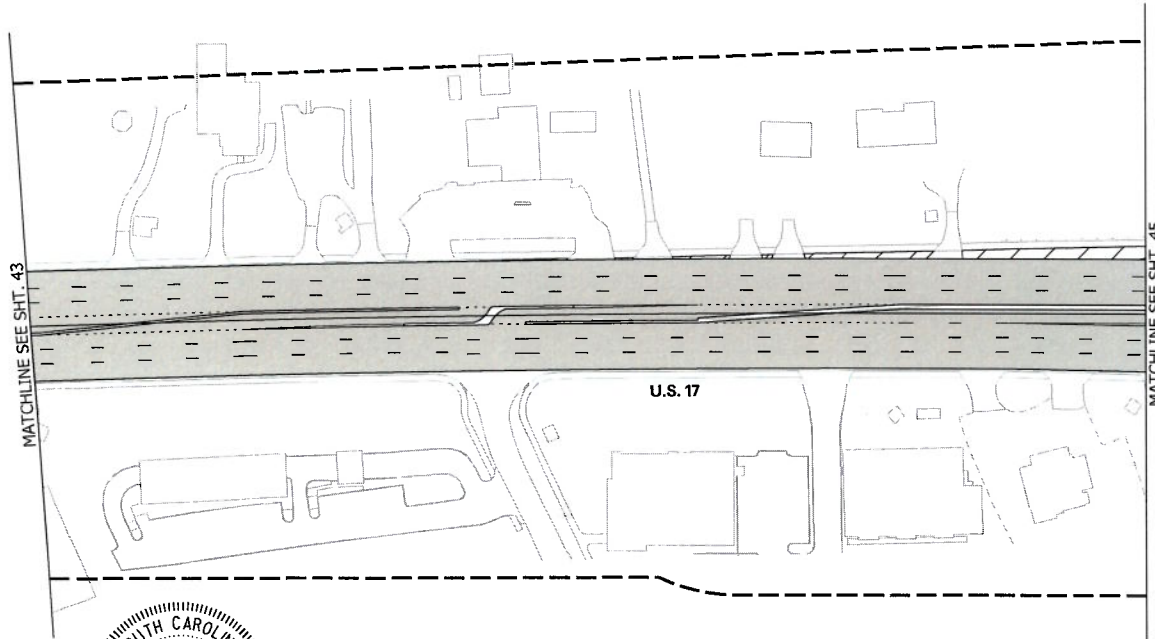
NO IMPACTS THIS SHEET



S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



SEE SPECIAL
CONDITION(S)



SCALE: 1" = 100'

LEGEND

- | | | | | | |
|--|--------------------|--|------------------------------------|--|--------------------|
| | FRESHWATER WETLAND | | NON-WETLAND WATERS IMPACT | | PROJECT STUDY AREA |
| | CRITICAL WETLAND | | NON-WETLAND WATERS PIPE IMPACT | | WETLAND BUFFER |
| | NON-WETLAND WATERS | | NON-WETLAND WATERS ARMORING IMPACT | | SHADING IMPACT |
| | PERMANENT IMPACT | | BRIDGE CONSTRUCTION ACCESS | | ROADWAY |
| | CLEARING IMPACT | | | | |

NO IMPACTS THIS SHEET

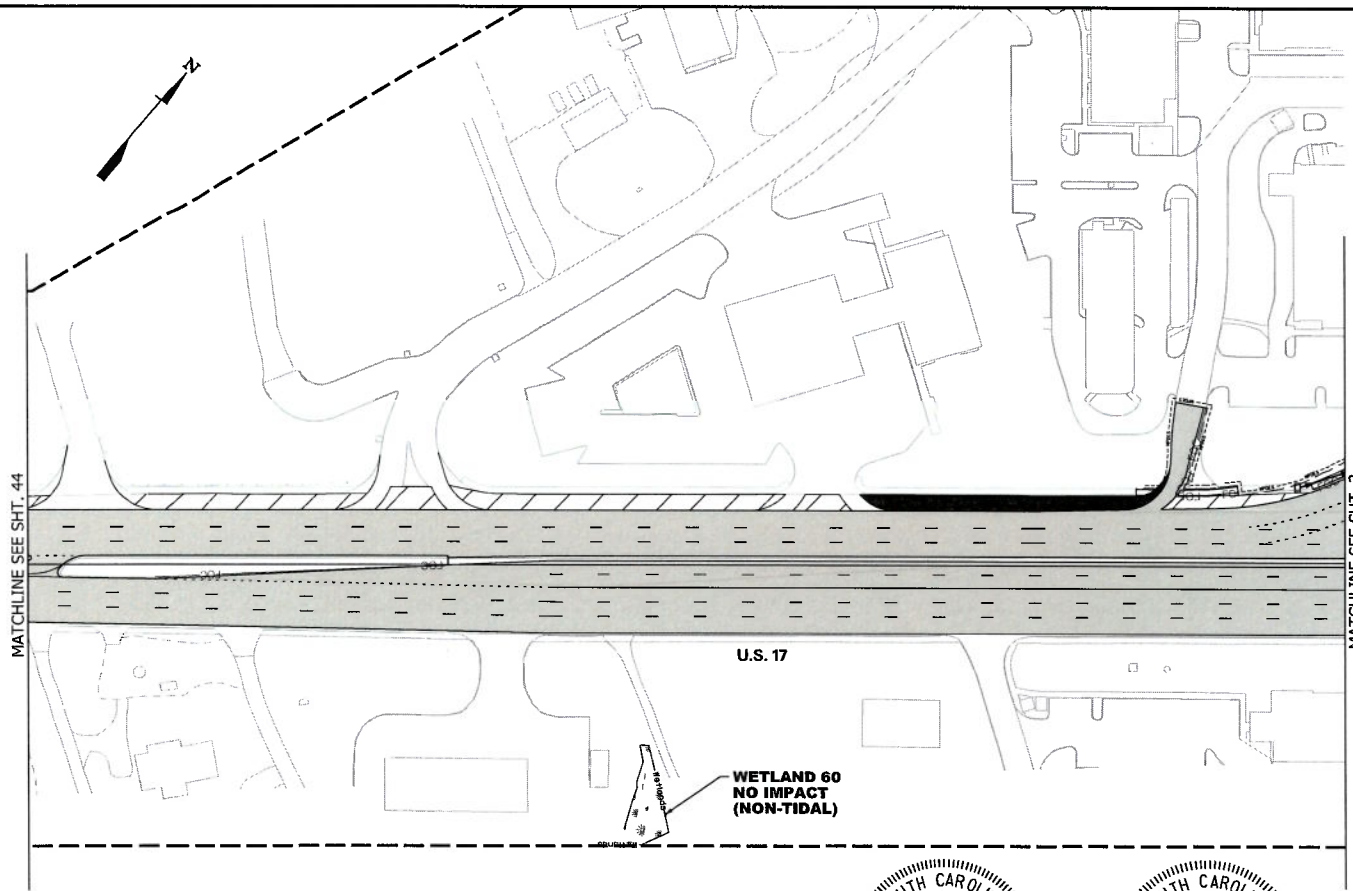


HDR Engineering Inc.
4400 Lusk Avenue, Suite 250
North Charleston, SC 29405
843.414.3700

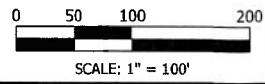
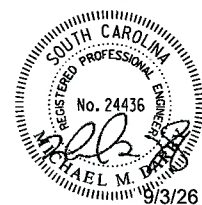
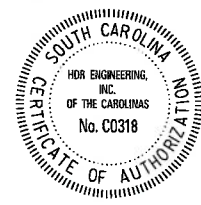
S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



SHEET 44 OF 54



**SEE SPECIAL
CONDITION(S)**



LEGEND

- | | | |
|--------------------|------------------------------------|--------------------|
| FRESHWATER WETLAND | NON-WETLAND WATERS IMPACT | PROJECT STUDY AREA |
| CRITICAL WETLAND | NON-WETLAND WATERS PIPE IMPACT | WETLAND BUFFER |
| NON-WETLAND WATERS | NON-WETLAND WATERS ARMORING IMPACT | SHADING IMPACT |
| PERMANENT IMPACT | BRIDGE CONSTRUCTION ACCESS | |
| CLEARING IMPACT | ROADWAY | |

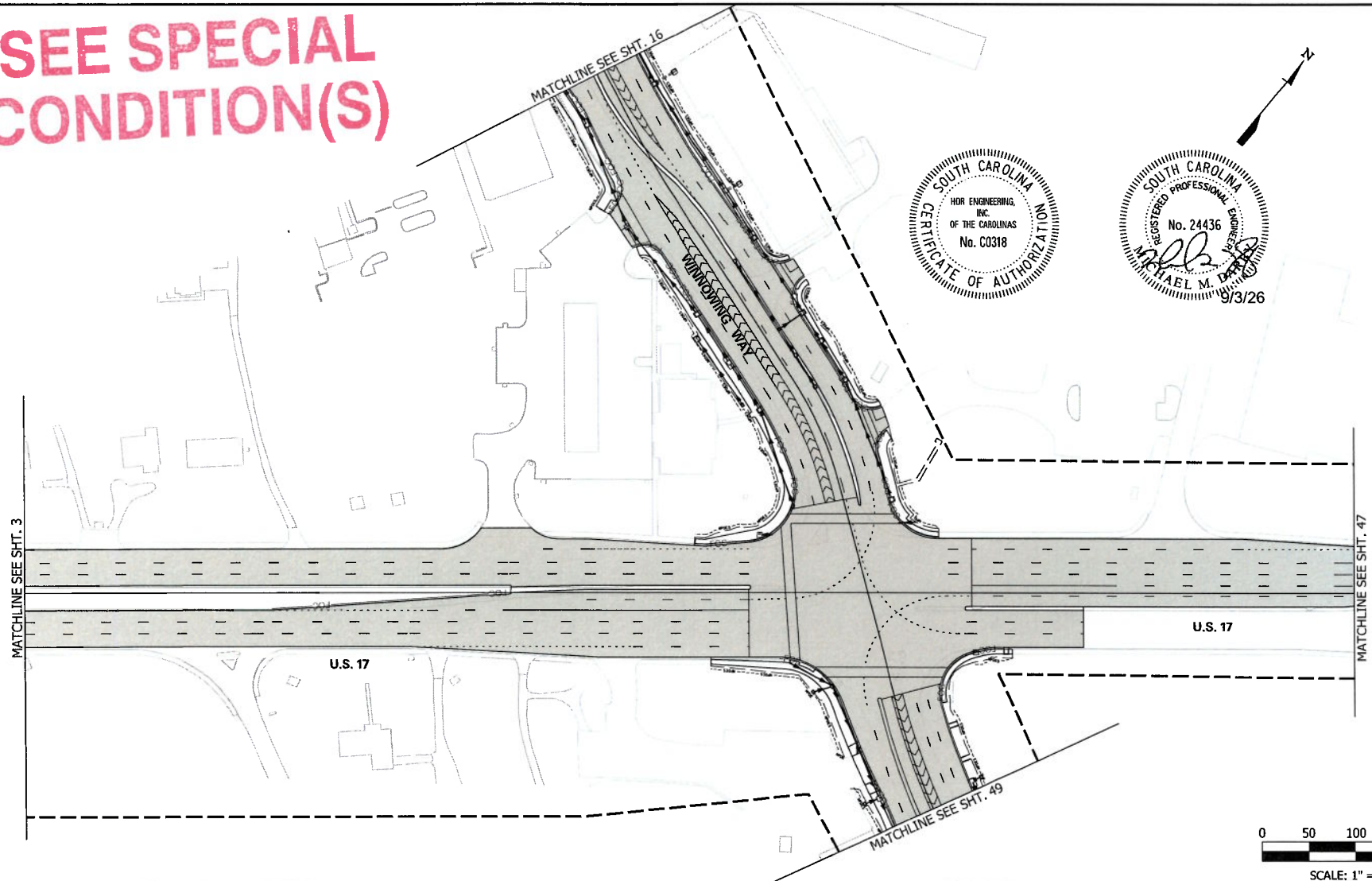
NO IMPACTS THIS SHEET



S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



**SEE SPECIAL
CONDITION(S)**



A circular professional engineer seal for the State of South Carolina. The outer ring contains the text "SOUTH CAROLINA" at the top and "REGISTERED PROFESSIONAL ENGINEER" around the bottom. In the center, the text "No. 24436" is printed above a handwritten signature. Below the signature, the name "MICHAEL M. DATTA" is printed. A date stamp "9/3/2016" is located at the bottom right of the seal.

LEGEND

-
- Legend:
- FRESHWETLAND WETLAND
 - CRITICAL WETLAND
 - NON-WETLAND WATERS
 - PERMANENT IMPACT
 - CLEARING IMPACT
 - NON-WETLAND WATERS IMPACT
 - NON-WETLAND WATERS PIPE IMPACT
 - NON-WETLAND WATERS ARMOURING IMPACT
 - BRIDGE CONSTRUCTION ACCESS
 - ROADWAY
 - PROJECT STUDY AREA
 - WETLAND BUFFER
 - SHADING IMPACT

NO IMPACTS THIS SHEET



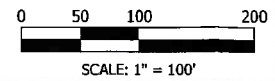
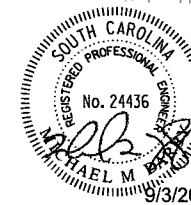
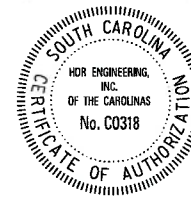
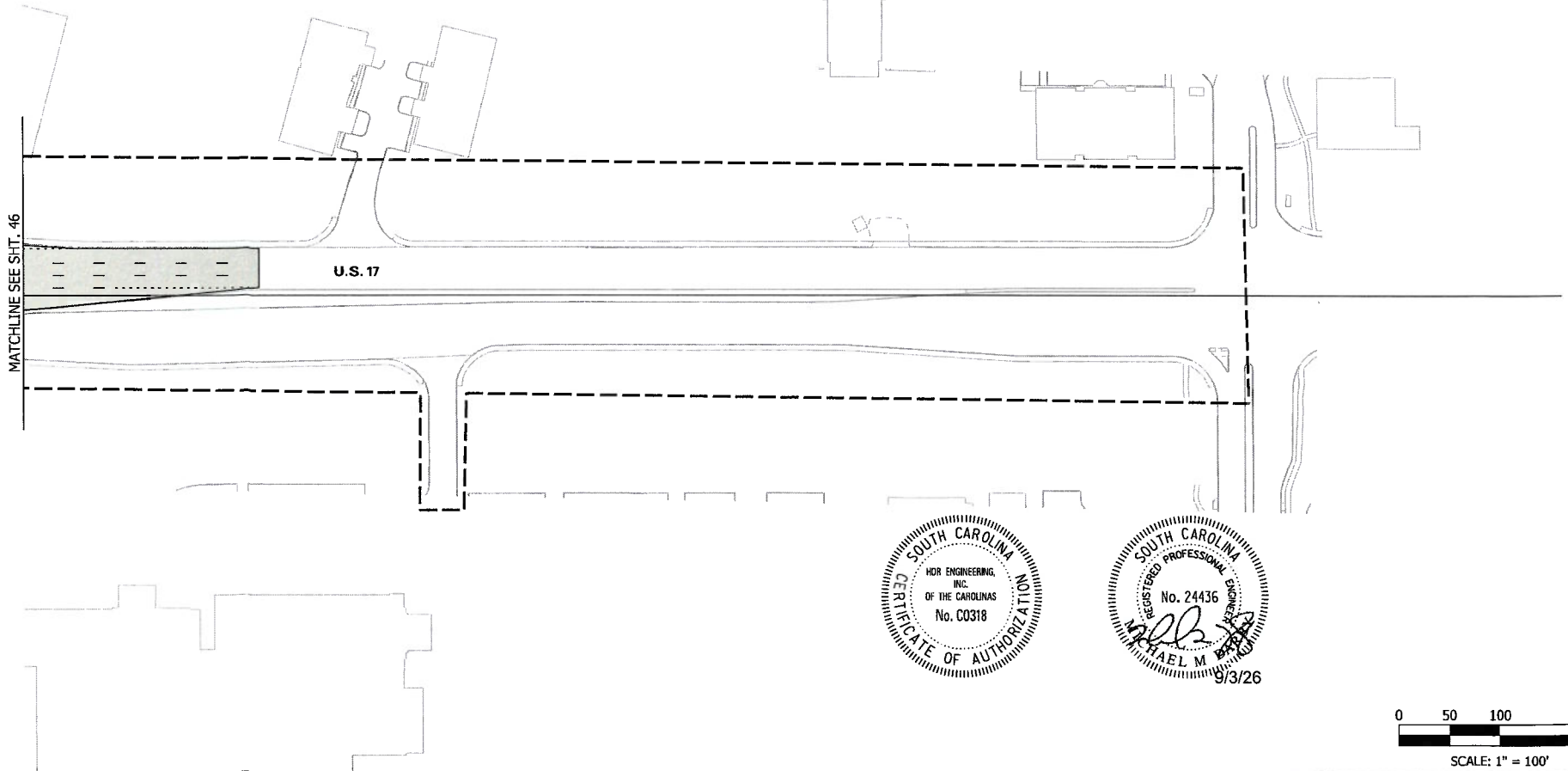
HDR Engineering Inc.
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North Charleston, SC 29405
843.414.3700

S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



SHEET 46 OF 54

SEE SPECIAL
CONDITION(S)



LEGEND

- | | | |
|------------------------------------|---|--------------------|
| FRESHWATER WETLAND | NON-WETLAND WATERS IMPACT | PROJECT STUDY AREA |
| CRITICAL WETLAND | NON-WETLAND WATERS PIPE IMPACT | WETLAND BUFFER |
| NON-WETLAND WATERS ARMORING IMPACT | NON-WETLAND WATERS BRIDGE CONSTRUCTION ACCESS | SHADING IMPACT |
| PERMANENT IMPACT | CLEARING IMPACT | ROADWAY |

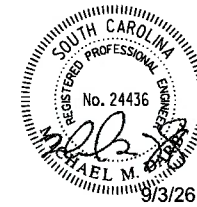
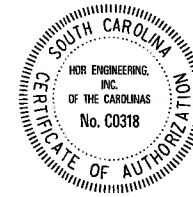
NO IMPACTS THIS SHEET



S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



SEE SPECIAL
CONDITION(S)



PORCHERS BLUFF RD

MATCHLINE SEE SHT. 49



SCALE: 1" = 100'

LEGEND

- | | | |
|--------------------|------------------------------------|--------------------|
| FRESHWATER WETLAND | NON-WETLAND WATERS IMPACT | PROJECT STUDY AREA |
| CRITICAL WETLAND | NON-WETLAND WATERS PIPE IMPACT | WETLAND BUFFER |
| NON-WETLAND WATERS | NON-WETLAND WATERS ARMORING IMPACT | SHADING IMPACT |
| PERMANENT IMPACT | BRIDGE CONSTRUCTION ACCESS | |
| CLEARING IMPACT | ROADWAY | |

NO IMPACTS THIS SHEET

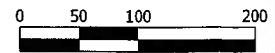
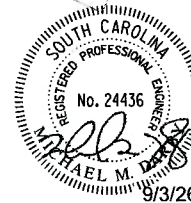
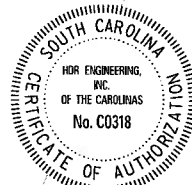
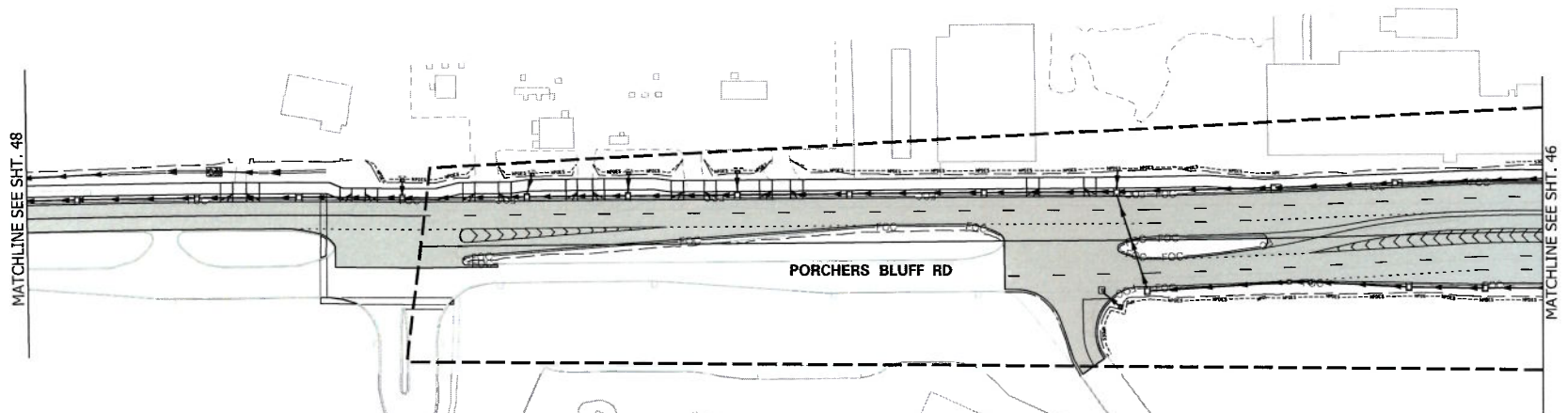


S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



SHEET 48 OF 54

SEE SPECIAL
CONDITION(S)



SCALE: 1" = 100'

LEGEND

- | | | |
|--------------------|------------------------------------|--------------------|
| FRESHWATER WETLAND | NON-WETLAND WATERS IMPACT | PROJECT STUDY AREA |
| CRITICAL WETLAND | NON-WETLAND WATERS PIPE IMPACT | WETLAND BUFFER |
| NON-WETLAND WATERS | NON-WETLAND WATERS ARMORING IMPACT | SHADING IMPACT |
| PERMANENT IMPACT | BRIDGE CONSTRUCTION ACCESS | |
| CLEARING IMPACT | ROADWAY | |

NO IMPACTS THIS SHEET



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4400 Leeds Avenue, Suite 400
North Charleston, SC 29405
(843) 816-2700

S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



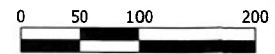
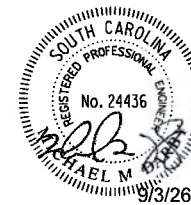
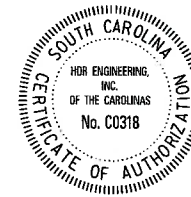
SHEET 49 OF 54

SEE SPECIAL
CONDITION(S)

LAUREL HILL PKWY

MATCHLINE SEE SHT. 17

MATCHLINE SEE SHT. 51



SCALE: 1" = 100'

LEGEND

- | | | |
|--------------------|------------------------------------|--------------------|
| FRESHWATER WETLAND | NON-WETLAND WATERS IMPACT | PROJECT STUDY AREA |
| CRITICAL WETLAND | NON-WETLAND WATERS PIPE IMPACT | WETLAND BUFFER |
| NON-WETLAND WATERS | NON-WETLAND WATERS ARMORING IMPACT | SHADING IMPACT |
| PERMANENT IMPACT | BRIDGE CONSTRUCTION ACCESS | |
| CLEARING IMPACT | ROADWAY | |

NO IMPACTS THIS SHEET



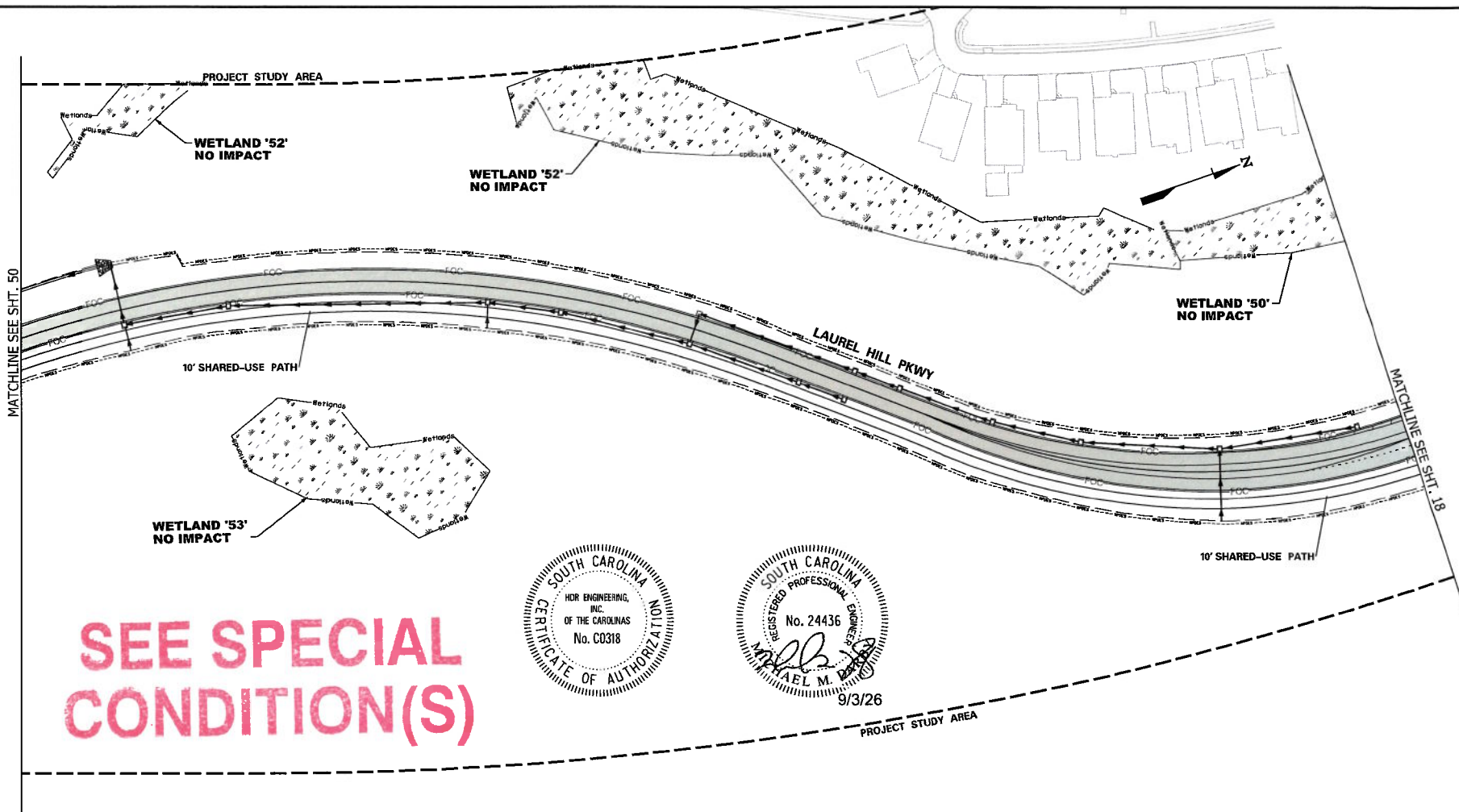
HDR Engineering Inc.
of the Carolinas
4600 Lantry Avenue, Suite 400
North Charleston, SC 29405
843.414.3700

S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026

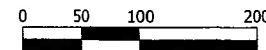
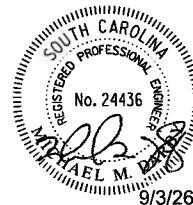
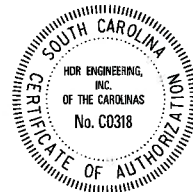


CHARLESTON
COUNTY
SOUTH CAROLINA

SHEET 50 OF 54



SEE SPECIAL
CONDITION(S)



SCALE: 1" = 100'

LEGEND

- | | | |
|--------------------|------------------------------------|--------------------|
| FRESHWATER WETLAND | NON-WETLAND WATERS IMPACT | PROJECT STUDY AREA |
| CRITICAL WETLAND | NON-WETLAND WATERS PIPE IMPACT | WETLAND BUFFER |
| NON-WETLAND WATERS | NON-WETLAND WATERS ARMORING IMPACT | SHADING IMPACT |
| PERMANENT IMPACT | BRIDGES CONSTRUCTION ACCESS | |
| CLEARING IMPACT | ROADWAY | |

NO IMPACTS THIS SHEET

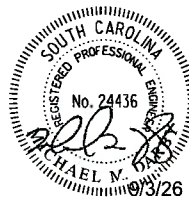
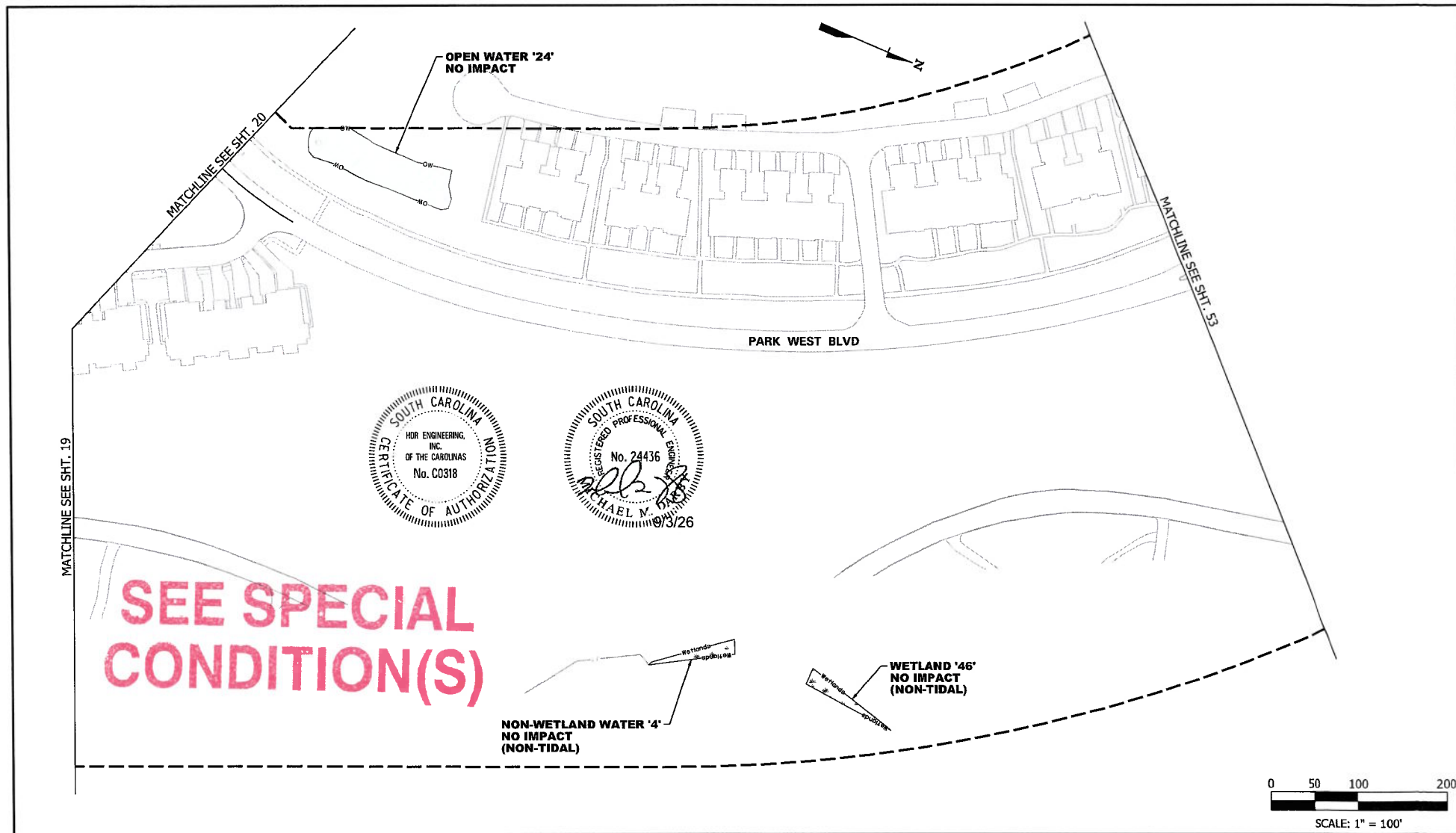


HDR Engineering Inc.
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(843) 419-3100

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CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



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LEGEND

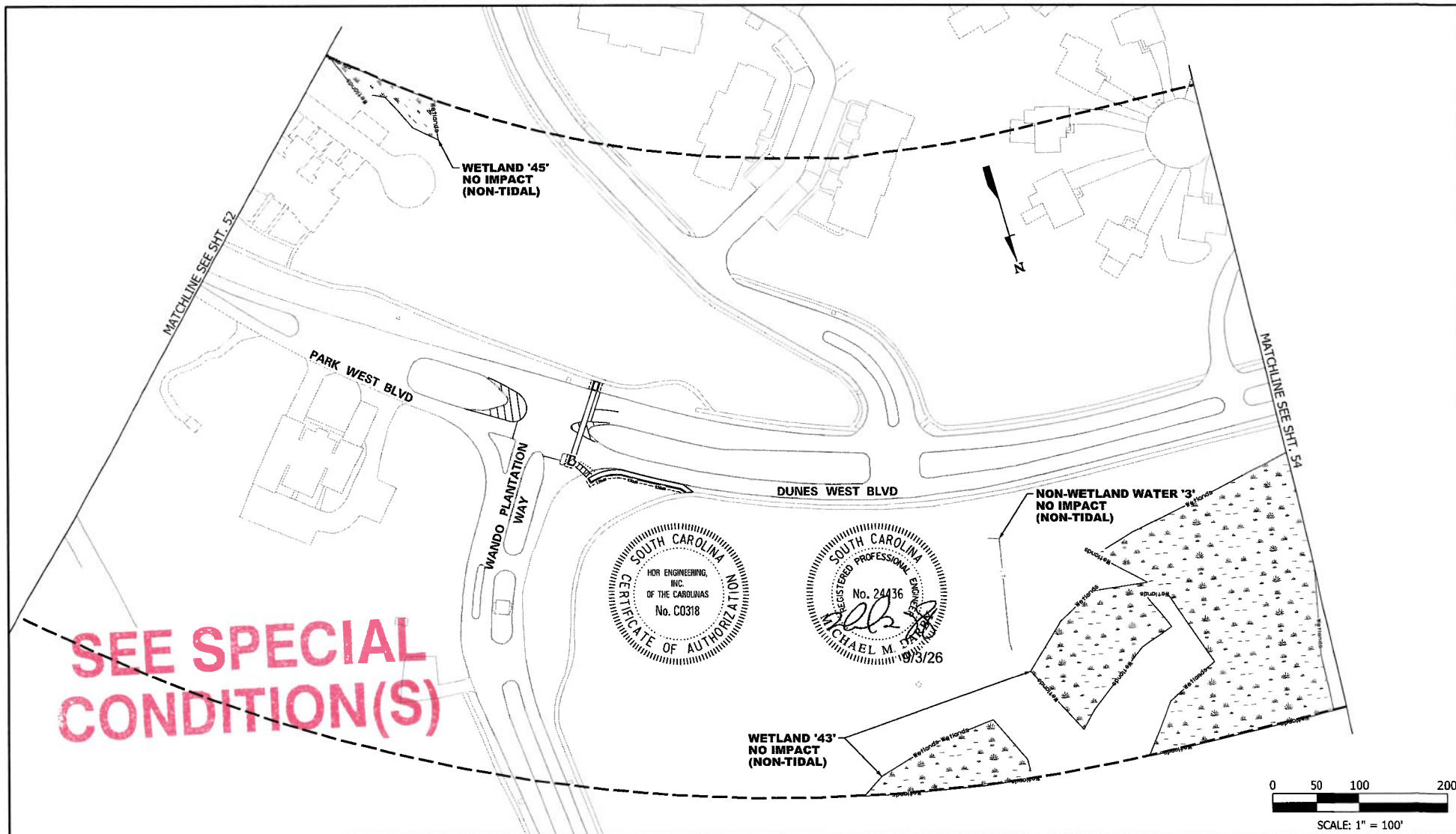
- | | | |
|------------------------------------|--------------------------------|--------------------|
| FRESHWATER WETLAND | NON-WETLAND WATERS IMPACT | PROJECT STUDY AREA |
| CRITICAL WETLAND | NON-WETLAND WATERS PIPE IMPACT | WETLAND BUFFER |
| NON-WETLAND WATERS ARMORING IMPACT | NON-WETLAND WATERS ACCESS | SHADING IMPACT |
| PERMANENT IMPACT | BRIDGE CONSTRUCTION | |
| CLEARING IMPACT | ROADWAY | |

NO IMPACTS THIS SHEET



S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026





DATE: 7/17/2026
FILED: 7/17/2026
PROJECT: S.C. 41 CORRIDOR IMPROVEMENTS

	FRESHWATER WETLAND		NON-WETLAND WATERS IMPACT
	CRITICAL WETLAND		NON-WETLAND WATERS PIPE IMPACT
	NON-WETLAND WATERS		NON-WETLAND WATERS ARMORING IMPACT
	PERMANENT IMPACT		BRIDGE CONSTRUCTION ACCESS
	CLEARING IMPACT		ROADWAY
	PROJECT STUDY AREA		WETLAND BUFFER
	SHADING IMPACT		

NO IMPACTS THIS SHEET



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S.C. 41 CORRIDOR IMPROVEMENTS
CHARLESTON COUNTY, S.C.
APPLICATION BY CHARLESTON COUNTY, S.C.
JULY 22, 2026



SHEET 53 OF 54

SEE SPECIAL CONDITION(S)

