

**North Carolina Department of Transportation
Roadside Environmental Unit
Erosion & Sedimentation / Stormwater Report**

ICA / PCN

Immediate Corrective Action / Permit Consultation Needed

This project does not comply with the North Carolina Erosion and Sedimentation Control laws. Immediate Corrective Action is needed to resolve the situation to full compliance with the Law: (T15A: 04B.0000). This project does not comply with the permit requirements for the project. Permit consultation is needed to resolve the situation to full compliance.

Project Information

Inspection Date: 05/05/2025 **Evaluator:** Jason Bullard
Project #: 47533.3.3 **TIP #:** I-5987B **Contract #:** C204728
Division #: 6 **County:** Robeson
Project Type: Contract **Engineer:** Fay. Resident-Transportation Dr.
Project Length: 7.96 **Disturbed Acres:** 15
River Basin: Lumber **HQW Zone:** NO **Trout Zone:** NO
Location Description: I-95 from south of NC-20 to south of proposed I-295

Project Evaluation

Report Type: ☐ Routine ☒ ICA ☐ ICA Ex 1st ☐ ICA Ex 2nd ☐ CICA - SWO
 ☒ PCN ☐ ECPAR

| Length | Section | Installation of BMPs | Maintenance of BMPs | Effectiveness of BMPs | Plan Implementation | Overall Project Evaluation |
|--------|--------------------|----------------------|---------------------|-----------------------|---------------------|----------------------------|
| 7.96 | The Entire Project | 6 | 6 | 6 | 6 | 6 |

Grading Scale: 0 - 6 = Immediate Corrective Action Required, 7 = Fair, 8 = Good, 9 = Very Good, 10 = Excellent

ICA / PCN Comments:

401 permit violations at Sanford St. off of Y-5 will require a meeting with Div. 6 DEO staff, Resident Engineers Office, Contractor, and REU Operations Staff to address violations and develop a plan for recovery and future protection of the Jurisdictional Stream

Remarks and Recommendations:

Met with Jerry Ice, (CEI) during the review. The contractor continues to grade, and place borrow material in various places throughout the project along with the construction of multiple bridges.

During this review I noted three items that warrant an ICA/PCN issued for this project. The items are listed below.

1. There are some items on the NPDES records that have not been completed within the required time frames with some dated back to 2/25/25. There have been multiple discussions with the inspection staff and Resident Engineers Office in the past with these concerns.
2. Within the NPDES record compliance was the removal and replacement of the contaminated Rip Rap Stone Toe Protection from -L- 575+00 to 584+85 (RT) discussed between Roadside Environmental Unit and the contractor on 4/4/25 after the discovery of the removal of the existing E/C devices in the area adjacent to wetland area. There had been multiple recordable sediment losses in this area from previous rain events due to the contaminated stone.
3. During review 5/5/2025 I noted raw earthen material in the jurisdictional stream restricting base flow of stream without standard erosion control protection as directed by plan or BMP manual and in the diversion

ditch where the twin 48 inch RCP pipes were installed on Sanford St off of -Y5- alignment on 4/17/25 which is a direct violation of the 401 permit conditions. A meeting has been requested to discuss the isolation, removal of soil material, and appropriate erosion control protection of the stream.

Some additional recommendations are listed below from the review of the project.

Recommendations:

- L- 574+00 to 584+50 (RT): Replace the contaminated Rip Rap Stone Toe Protection as discussed in previous meetings.
- L- 680+50 to 685+10 & -Y1B RPC- 10+00 to 12+00 (RT): Install the E/C devices in the ditch including inlet protection on the pipe leading into the basin as discussed in the agreement of using the ditch for storage along with the basin.
- Y1B- 35+00 to 37+50 (RT): Install E/C devices in the ditch.
- L- 759+00 (RT): Install inlet protection on the twin 54 inch pipes until the ditches are constructed and E/C devices can be installed per plan.
- L- 790+00 to 800+00 (RT): Provide ground cover on the slope.
- Y1B RPA- 10+00 to 18+00 (RT): Install E/C devices in the ditch.
- Continue to install E/C devices as construction progresses.
- Continue to maintain all E/C devices.
- Continue to maintain NPDES records.

-This project has soil stabilization timeframes of 7 or 14 days. Please refer to sheet EC-4 in the erosion control plans for guidance.

-NPDES records were up to date but with some incomplete items.

NPDES Permit Requirements:

- Inspect E&SC/Storm water measures at least once every 7 days & within 24 hrs. of 1.00 inch of rainfall or more.
- Use an on-site rain gauge or the MPE website. Do not use a combination of the two.
- Maintain a log of rainfall and dates. If there is no rain, record 0.
- Maintain records on site for review by Department and Regulatory personnel.

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| 7.96 | The Entire Project | 8 | 8 | 8 | 8 | 8 |

Grading Scale: 0 - 6 = Immediate Corrective Action Required, 7 = Fair, 8 = Good, 9 = Very Good, 10 = Excellent

Remarks and Recommendations:

Met with Jerry Ice, (CEI) during the review. The contractor has removed and replaced the rip rap toe protection from -L- 575+00 to 584+85 (RT). The contractor has also isolated the jurisdictional stream on Sanford St off of the -Y5- alignment and has completed the installation of the remainder of the twin 48 inch pipes/headwalls. The relocation of the stream is being constructed in this area and all bare areas will be stabilized with rip rap stone and/or coir fiber matting before the impervious dikes can be removed. The items on the NPDES records that were outside the required time frame for repair have also been completed.

This review serves as a notice that the requirements have been met to lift the ICA (Immediate Correction Action) and the PCN (Permit Consultation).

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Immediate Corrective Action

This project does not comply with the North Carolina Erosion and Sedimentation Control laws. Immediate Corrective Action is needed to resolve the situation to full compliance with the Law: (T15A: 04B.0000).

Project Information

Inspection Date: 05/27/2025 Evaluator: Justin Davis
Project #: 49475.3.1 TIP #: HB-0001 Contract #: C204999
Division #: 1 County: Tyrrell
Project Type: Contract Engineer: Manteo Resident
Project Length: 4.25 Disturbed Acres:
River Basin: Pasquotank HQW Zone: NO Trout Zone: NO
Location Description: Bridge #7 on US 64 in Tyrrell and Dare over Alligator River

Project Evaluation

Report Type: ☐ Routine ☒ ICA ☐ ICA Ex 1st ☐ ICA Ex 2nd ☐ CICA - SWO
☐ PCN ☐ ECPAR

| Length | Section | Installation of BMPs | Maintenance of BMPs | Effectiveness of BMPs | Plan Implementation | Overall Project Evaluation |
|--------|----------------------|----------------------|---------------------|-----------------------|---------------------|----------------------------|
| | Staging Area | 9 | 9 | 9 | 9 | 9 |
| 4.25 | Remainder of Project | 7 | 6 | 6 | 6 | 6 |
| | Proposed WRC Laydown | -- | -- | -- | -- | 9 |

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Remarks and Recommendations:

ICA-Issued on 5/27/2025. For the clearing operation on East Side of bridge.
-Met with DOT, DEO, the Agencies (USACE, DWR, DCM), and Contractor.
-Sediment found beyond the project limits.
-Fill had been brought in without silt fence being installed.
-Had been agreed with Agencies to install silt fence when the fill elevation went over the natural ground elevation at clearing operation. *This was not carried out properly.*

To lift the ICA, have the following items handled by 6/2/2025.

- Install silt fence ahead of back fill operation.
- Cleanup any material beyond the project limits.
- *Will return to project on 6/2/2025. Will review entire project and the NPDES Forms.

=====
Staging Area-ACTIVE

- Cones have been setup to help with safe travel lanes in the active work area. Stay within the "GREEN CONES"!!!
- Contractor has proposed to install another entry to the staging area. I do not see any issue with installing another culvert along the roadway.
- Reclamation Plan received on 2/14/2025.

Project

- Actively driving piles in the river.
- Suggested to install silt fence along the mechanized clear line along End Bent 1. Pull back material and show boundary with silt fence.
- The loading area at the dock looks fine. ***Reminder to keep the area clear of sediment and millings that will pile up due to vehicle travel.***
- Contractor requires ALL individuals onsite to attend their Safety Class and place a sticker on safety helmets to represent attendance.
- Reviewed the clearing operation on the East side of bridge and the staging area by waters edge.

Proposed-WRC Laydown site.

- Existing rocked parking lot for trucks and boats. No longer open to the public.
- Some orange safety fence installed around a valve.
- Wetland boundary stakes are getting checked by the agencies.
- CAMA request to have another inspection to make the call along the rivers edge.
- No equipment onsite at this time.

NPDES-Forms are held in the office.

- I have made contact with the Level II handling the forms.
- I will review forms on my next inspection.

North Carolina Department of Transportation

Roadside Environmental Unit

Erosion & Sedimentation / Stormwater Report



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 Division #: 1 County: Tyrrell
 Project Type: Contract Engineer: Manteo Resident
 Project Length: 4.25 Disturbed Acres: 0
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Remarks and Recommendations:

ICA LIFTED on 6/2/2025

- The items requested were handled and reviewed on 6/2/2025.
- Spoke with Toby, Nathan and Fred.
- Reviewed the project.
- The silt fence install has been completed for this portion of the project on the East side of bridge.
- Wattle breaks have been installed.
- Cleanup beyond limits looks good.
- *Be sure to Redline on the EC plans, the addition of silt fence for containment of fill near EB#1.

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- Sediment found beyond the project limits.
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Project Information

| | | | | |
|-----------------------|---|------------------|-----------------------|---------------------|
| Inspection Date: | 07/10/2025 | Evaluator: | Thomas Smith | |
| Project #: | 43609.3.2 | TIP #: | I-5507 | Contract #: C203970 |
| Division #: | 10 | County: | Mecklenburg | |
| Project Type: | Contract | Engineer: | Matthews Resident Eng | |
| Project Length: | 16.60 | Disturbed Acres: | 30 | |
| River Basin: | | HQW Zone: | NO | Trout Zone: NO |
| Location Description: | I-485 from I-77 to US 74 (Independence Blvd); I-485 / Weddington Road Interchange; and I-485 / East John Street-Old Monroe Road Interchange | | | |

Project Evaluation

Report Type: ☐ Routine ☒ ICA ☐ ICA Ex 1st ☐ ICA Ex 2nd ☐ CICA - SWO
☒ PCN ☐ ECPAR

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| 0.1 | John St- Ramp C- Site 3 | 6 | 6 | 6 | 6 | 6 |

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ICA / PCN Comments:

DEO to visit site Friday July 11, 2025 to review Permit Site 3 U-4714 AB.

Remarks and Recommendations:

Met with Brian (RE) and Brandon (ARE) to review sediment loss at John Street Ramp C Permit Site 3.

- Crews bypassed skimmer by pumping turbid water from skimmer basin directly into structure 6545 which drains directly to Permit Site 3. (Erosion Control measures cannot be bypassed Per NCGO1.)
- Sediment was noted beyond pipe outlet structure 6544.
- Crews removed 4 buckets of sediment from JS below structure 6544. However crews dumped sediment on the banks and in rip-rap above JS. Please remove sediment from banks and rip-rap.
- Remove any accumulated sediment from storm drainage system to insure no more sediment left in between structure 6545 to 6544. (Need to verify storm drainage system is clean from Skimmer Basin to Permit Site 3.)
- NCDOT Division 10 DEO to visit site friday and review Permit Site 3. Remove any additional sediment from JS per DEO site visit.
- Remove accumulated sediment from skimmer basin 65.3.
- Replace baffles in skimmer basin 65.3.
- Per Contract Page 52 Certified Foreman are required for grading activities. Please provide list of Certified

Foreman for grading operations at John Street Ramp C.

Site to be reinspected July 17, 2025 for Erosion Control compliance.

North Carolina Department of Transportation
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Division #: 10 County: Mecklenburg
Project Type: Contract Engineer: Matthews Resident Eng
Project Length: 16.60 Disturbed Acres:
River Basin: HQW Zone: NO Trout Zone: NO
Location Description: I-485 from I-77 to US 74 (Independence Blvd); I-485 / Weddington Road Interchange; and I-485 / East John Street-Old Monroe Road Interchange

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| 0.1 | John St- Ramp C- Site 3 | 8 | 8 | 8 | 8 | 8 |

Grading Scale: 0 - 6 = Immediate Corrective Action Required, 7 = Fair, 8 = Good, 9 = Very Good, 10 = Excellent

Remarks and Recommendations:

Met with Brandon (ARE), Mark (GFT), and Helen (GFT) to review John Street Ramp C.

- ICA issued on 7/11/2025 has been lifted as all corrective actions have been addressed at this time.
- Crews walking interior slopes on skimmer basin.
- Stabilize interior slopes on skimmer basin with adequate ground cover once complete.