

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

Report Type

- Routine PCN
 ICA ECPAR
 ICA Ex 1st
 ICA Ex 2nd
 CICA - SWO

ICA
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

Project Number: 34542.3.FS5 **Date of Inspection:** 04/10/2014 **Evaluator:** Barry Harrington
Location: I-73/74 from SW. of SR 1304 to I-73/74 interchange S. of Ellerbe.
Project Type: Contract **County:** RICHMOND **Division:** 8 **TIP Number:** R-3421C
Length of Project: 3.70 **Disturbed Acreage:** 6 **HQW Zone:** N **Trout Zone:** N

Project Evaluation

Length	Section Description	Installation of BMP's	Maintenance of BMP's	Effectiveness of BMP's	Plan Implementation	Overall Project Evaluation
0.70	*Permitted Area(s)	8	8	6	5	6
3	Remainder of Project	8	8	7	7	7

Grading Scale: 10 = Excellent 9 = V. Good 8 = Good 7 = Fair 6-0 = Immediate Corrective Action Needed

ICA Comments:

Remarks and Recommendations:

Rode through project with PI, Shelton Williams, w/DOT. Contractor started clearing/grubbing on project, March 3, 2014. Project is out of compliance due to failure to follow erosion control plan and provide adequate ground cover. Please note and address the following:

1) -Y8REV- sta.13+25 to sta.45+00 - contractor has cleared/grubbed this section and has installed majority of perimeter measures. Sta.37+75 Lt. on -Y8REV- need to install outlet measure in low area of TSD.
*Sta.25+00 Lt. & Rt. on -Y8REV-(Site 26) - skimmer basins and TRSC's have been installed. *Need to seed/mat basins and install baffles, asap. *Also, need to re-install silt fence across access to haul road at temp. stream crossing and seed/mat disturbed area on stream bank.
Temp. seed/mulch disturbed and weakly mulched areas throughout this section.

2) Beginning of -L- to sta.381+50 - contractor has cleared/grubbed this section and installed perimeter e. c. measures. Need to direct TSD's into front of basins whenever possible and ensure basins are level for required storage.
*Sta.381+50 Lt. & Rt.(Site 5) - need to install skimmer basins(ID.- 6.7 & 6.3) and silt fence along stream, asap. Also, need to install orange fencing, asap.
Disturbed areas have been temp. seeded/mulched in this section, but need to be re-mulched due to lack of coverage.

3) -Y10- interchange at approx. sta.460+00 - contractor has cleared/grubbed majority of interchange and is draining several ponds at this time. Need to ensure contractor is utilizing proper BMP's when draining ponds to reduce sediment movement, possible turbidity issues and fish kills. At this time, contractor is breaching dam and water is running through TRSC's. Attached is DOT's SOP for draining ponds. Also, need to install silt fence along stream channels in this area, asap, as shown on plans.

4) -SR4- majority of this section has been cleared/grubbed.
Approx. sta.10+00 to sta.57+00 Lt. on -SR4- need to temp. seed/mulch disturbed areas.
*Sta.37+00 Lt. on -SR4-(Site 17) - need to install silt fence along creek, asap from outlet end of pond to project limits. Seed/mat and install baffles in skimmer basins.
*Sta.46+00 Lt. on -SR4-(Site 18) - need to install TD's to skimmer basins and install silt fence along stream, asap. Skimmer basins need to be seeded/matted and baffles installed. Temp. seed/mulch disturbed areas.
Sta.55+50 Rt. on -SR4- need to complete skimmer basin(ID.- 14.3) and seed/mat and install baffles. Recommend installing outlet between basins.
*Sta.68+00 Lt. on -SR4-(site 21)- skimmer basin(ID.-15.1) needs maint. Dam has been undermined due to large opening around pipe through dam. Need to repair dam and secure fabric around skimmer pipe through dam, asap.
*Sta.109+50 Lt. on -SR4-(Site 25)- TSD's have been directed behind outlet measure and disturbed areas seeded/matted.
Approx. sta.124+50 Lt. on -SR4- infiltration basin(ID.-26.1) has been installed. Temp. seed/mulch disturbed areas.

5) -SR5- entire area has been cleared/grubbed.

*Sta.45+00 Rt. on -SR5-(Site 18) - need to install silt fence adjacent to creek, asap. Skimmer basin(ID.-13.6) needs to be seeded/matted, baffles installed, and coir fiber mat at outlet. Need to complete skimmer basin(ID.- 13.2), seed/mat, and install baffles.
*Sta.49+50 Rt. on -SR5-(Site 19) - need to install silt fence along creek, asap. Complete construction of skimmer basin(ID.-14.5), seed/mat, and install baffles.
*Sta.64+00 Rt. on -SR5-(Site 20) - skimmer basins have been installed and seeded/matted. Need to temp. seed/mulch disturbed areas.
*Sta.71+00 Rt. on -SR5-(Site 21) - need to complete construction of skimmer basin(ID.- 15.4), seed/mat, and install baffles.
*Sta.80+00 Rt. on -SR5-(Site 23) - need to install skimmer basin(ID.- 16.1), asap.
Sta.88+00 to sta.128+00 on -SR5- need to temp. seed/mulch disturbed areas, asap. Seeding contractor was on site seeding/mulching in this area.

General comments: Contractor needs to install orange fencing and flagging to delineate jurisdictional areas ahead of clearing operations to ensure we stay within foot print of project. Also, need to ensure perimeter e. c. measures are installed before grubbing operations begin upgrade of these areas. Ensure disturbed areas are seeded/mulched to meet NCG01 seeding requirements. Also, need to ensure adequate coverage of mulch, as several locations need to be re-mulched.

Project will be reviewed again for compliance within 5 days.

NPDES documentation was not reviewed due to time restraints. This information will be reviewed at follow up date. Continue to complete NPDES reports every 7 days and/or within 24 hrs. after a .5" or greater rainfall event and ensure e. c. plans are updated, daily.