

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



Project Information

Inspection Date: 06/08/2020 **Evaluator:** Katherine Marciniak
Project #: 34409.3.GV17 **TIP #:** R-2247EB **Contract #:** C204137
Division #: 9 **County:** Forsyth
Project Type: Contract **Engineer:** Winston-Salem Resident Eng 1
Project Length: 2.60 **Disturbed Acres:** 100
River Basin: Yadkin **HQW Zone:** NO **Trout Zone:** NO
Location Description: Winston Salem Northern Beltway Interchange at US 52

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
	SB 52- offsite culverts 20/21 and JS	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 Lee, Jordan, Nick, Amy, Phil, Darryl, Billy, and Austin (NCDOT); and Luca, Pete, and Steve (Blythe) onsite.

This inspection was a follow up to the ICA issued on June 1. ICA being lifted by REU.

Offsite sediment has been cleaned up to the satisfaction of REU and Div Env Staff in the JS at culverts 20/21 and the small JS from basin 13S-1 to the temporary stream crossing near culvert 21. Areas near basin 13S-1 has been seeded and have some grass germination starting. Headwall areas at the culverts have had additional fabric installed to immediately stabilize these areas.

Erosion control measures that were installed in the easement area beyond culvert 21 have been removed and the areas repair seeded and matted.

Contractor has a few items to address to better stabilize areas and protect the JS's. Install additional coir fiber matting, as discussed onsite, to better stabilize the affected creek banks. Repair the orange safety fence around the small JS where it has come off of the posts. Upstream side of culvert 21- install section of fabric to stabilize the 1-2ft wide section of base soil along the silt fence and geotextile fabric.

Discussed stabilizing the bare areas at culvert 21 with at least temporary groundcover. This area is not intended to be worked for some time.

Additional type b basin has been added near the outlet side of culvert 21- ensure there is positive drainage to the basin from the surrounding area. Repair the silt fence where it is full.

Continue with efforts onsite to establish positive drainage to measures and to stabilize areas with groundcover that won't be worked within the NPDES timelines.

