

Monitoring Data Record

Project Title: R-2905 (NC 55 / US 1) COE Action ID: 200221216  
Stream Name: \_\_\_\_\_ DWQ Number: \_\_\_\_\_  
City, County and other Location Information: On ramp to US 1 N from NC 55 in Wake County  
Date Construction Completed: \_\_\_\_\_ Monitoring Year: (1) of 5  
Ecoregion: \_\_\_\_\_ 8 digit HUC unit \_\_\_\_\_  
USGS Quad Name and Coordinates: \_\_\_\_\_

**Rosgen Classification:** \_\_\_\_\_

Length of Project: \_\_\_\_ Urban or Rural: Urban Watershed Size: \_\_\_\_\_

Monitoring DATA collected by: K. Smith, M. Green Date: 3/4/04

Applicant Information:

Name: NCDOT Roadside Environmental Unit  
Address: 1 South Wilmington St. Raleigh, NC 27611  
Telephone Number: (919) 733-2920 Email address: \_\_\_\_\_

Consultant Information:

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone Number: \_\_\_\_\_ Email address: \_\_\_\_\_

**Project Status:** Complete

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**Monitoring Level required by COE and DWQ (404 permit/ 401 Cert.):** Level 1 2 3

Monitoring Level 1 requires completion of *Section 1, Section 2 and Section 3*

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Section 1. PHOTO REFERENCE SITES

*(Monitoring at all levels must complete this section)*

**Attach site map showing the location and angle of all reference photos with a site designation (name, number, letter, etc.)** assigned to each reference photo location. Photos should be provided for all structures and cross section locations, should show both banks and include an upstream and downstream view. Photos taken to document physical stability should be taken in winter. Photos taken to document vegetation should be taken in summer (at representative locations). Attach photos and a description of each reference photo or location. We recommend the use of a photo identification board in each photo to identify location.

**Total number of reference photo locations at this site:** 3

**Dates reference photos have been taken at this site:** 3/4/04

**Individual from whom additional photos can be obtained (name, address, phone):** \_\_\_\_\_

Other Information relative to site photo reference: \_\_\_\_\_

If required to complete Level 3 monitoring only stop here; otherwise, complete section 2.

**Section 2. PLANT SURVIVAL**

**Attach plan sheet indicating reference photos.**

Identify specific problem areas (missing, stressed, damaged or dead plantings):

None at time of monitoring, plants dormant.

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Estimated causes, and proposed/required remedial action:

N/A

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ADDITIONAL COMMENTS: 1<sup>st</sup> Quarter Monitoring

At planting: 102 Black Willow

102 Silky Dogwood

9 Sweetgum

9 Sycamore

8 Black Cherry

8 River Birch

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If required to complete Level 1 and Level 2 monitoring only stop here; otherwise, complete section 3.

**Section 3. CHANNEL STABILITY**

**Visual Inspection:** The entire stream project as well as each in-stream structure and bank stabilization/revetment structure must be evaluated and problems addressed.

Report on the visual inspection of channel stability. Physical measurements of channel stability/morphology will not be required. Include a discussion of any deviations from as-built and an evaluation of the significance of these deviations and whether they are indicative of a stabilizing or destabilizing situation.

No problems or concerns. Site appears to be doing very well at the time of 1<sup>st</sup> Quarter monitoring.

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Date Inspected	Station Number				
Structure Type					
Is water piping through or around structure?					
Head cut or down cut present?					
Bank or scour erosion present?					
Other problems noted?					

**NOTE:** Attach separate narrative sheets to each monitoring report describing/discussing the overall monitoring results. Include the identification of specific problem areas/channel failures, estimated cause and proposed/required remedial action. This should include a brief discussion of any parameter that has changed significantly from as-built.

# US 1 On Ramp



Photo 1



Photo 2



Photo 3

1<sup>st</sup> Quarter 2004