



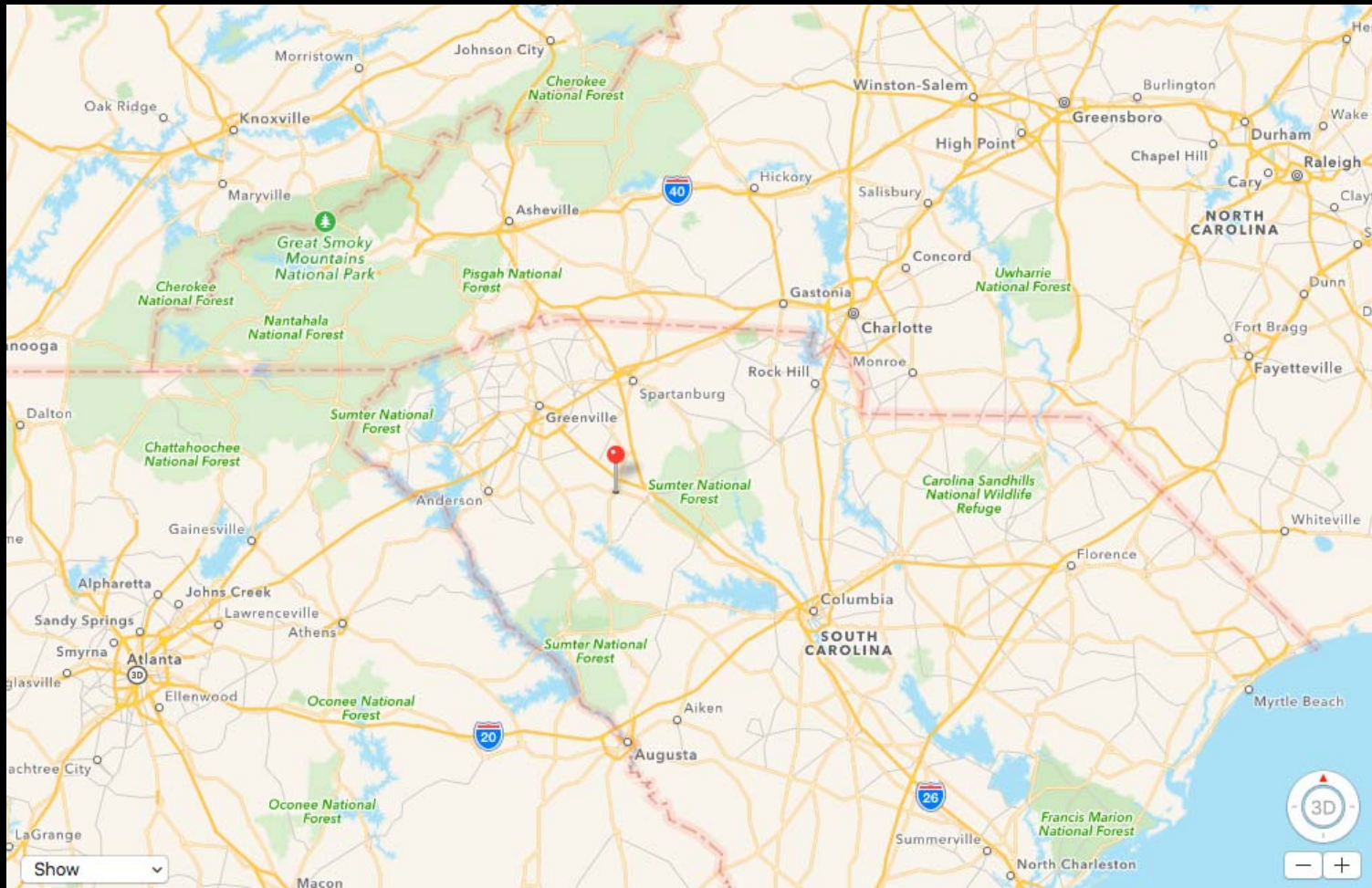
Use of the Soil Nailing Method Along Railroad Embankments

By Daryl Wurster, PE

Wurster Engineering & Construction, Inc.

Carolina Piedmont Railroad Laurens, SC

Carolina Piedmont Railroad Laurens, South Carolina















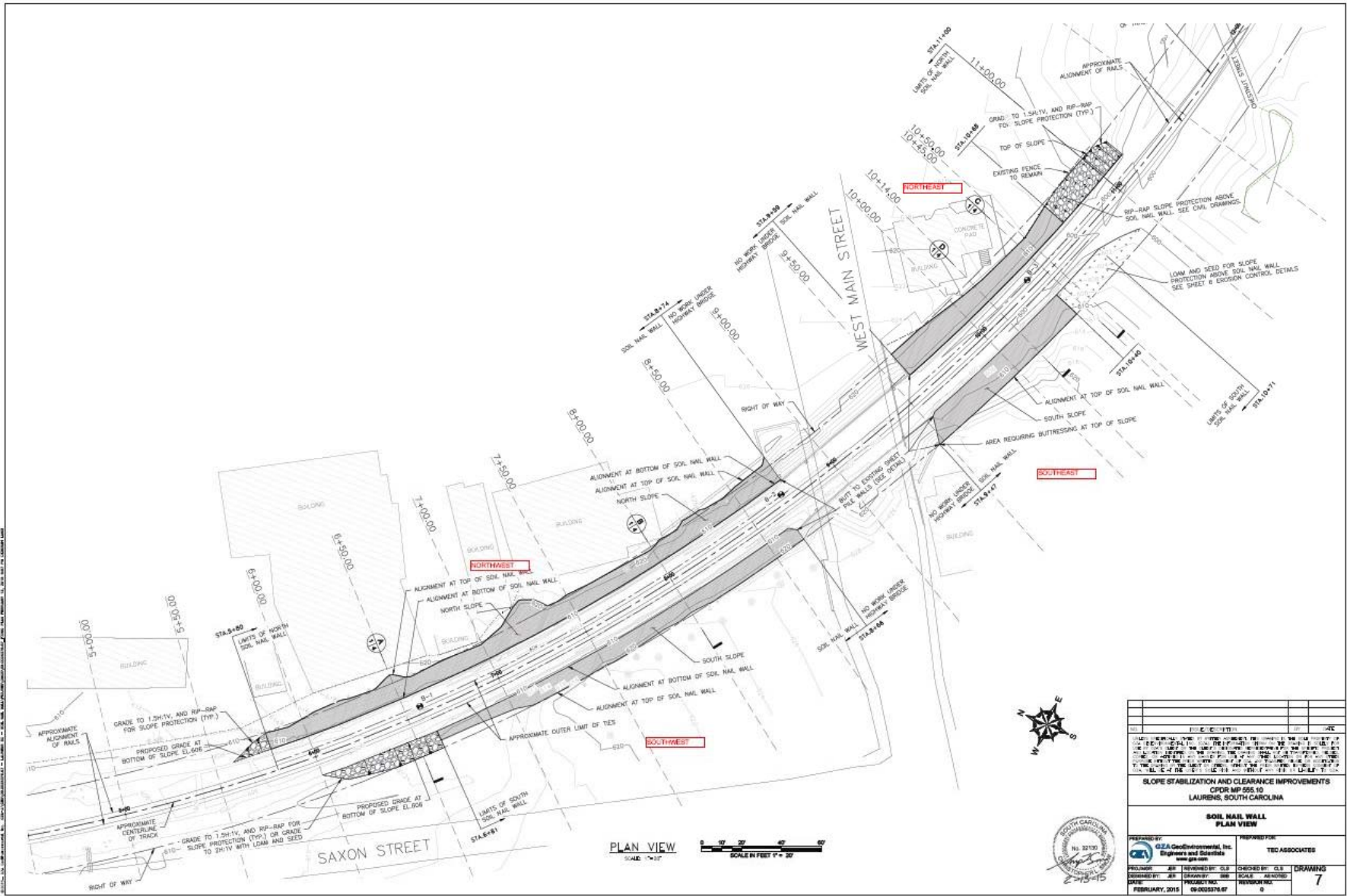








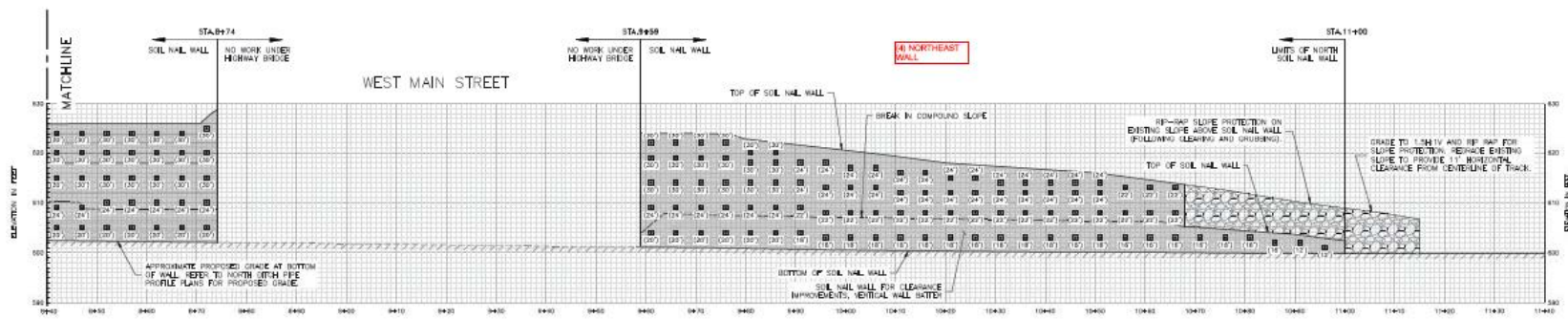
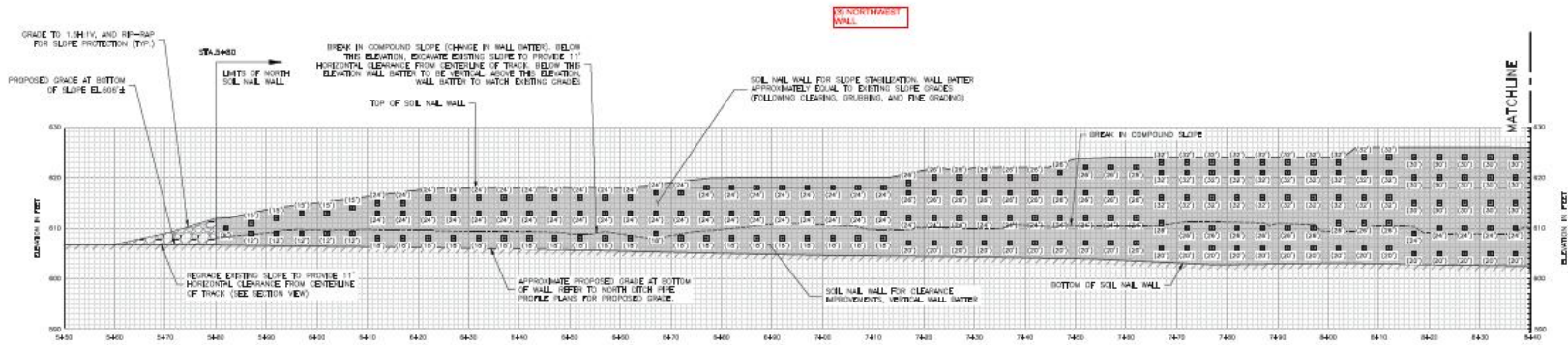




PLAN VIEW
SCALE: 1" = 20'



PROJECT NO.		DATE	
<p>SLOPE STABILIZATION AND CLEARANCE IMPROVEMENTS CIPOR IMPROVEMENTS TO LAURENS, SOUTH CAROLINA</p>			
<p>SOIL NAIL WALL PLAN VIEW</p>			
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PROJECT NO. 09-00576-07	PREPARED FOR: TEC ASSOCIATES	SHEET NO. 7
CHECKED BY: CLB	DRAWN BY: CLB	SCALE: AS SHOWN	DATE: FEBRUARY, 2015



NORTH WALL ELEVATION VIEW
SCALE: 1"=10'



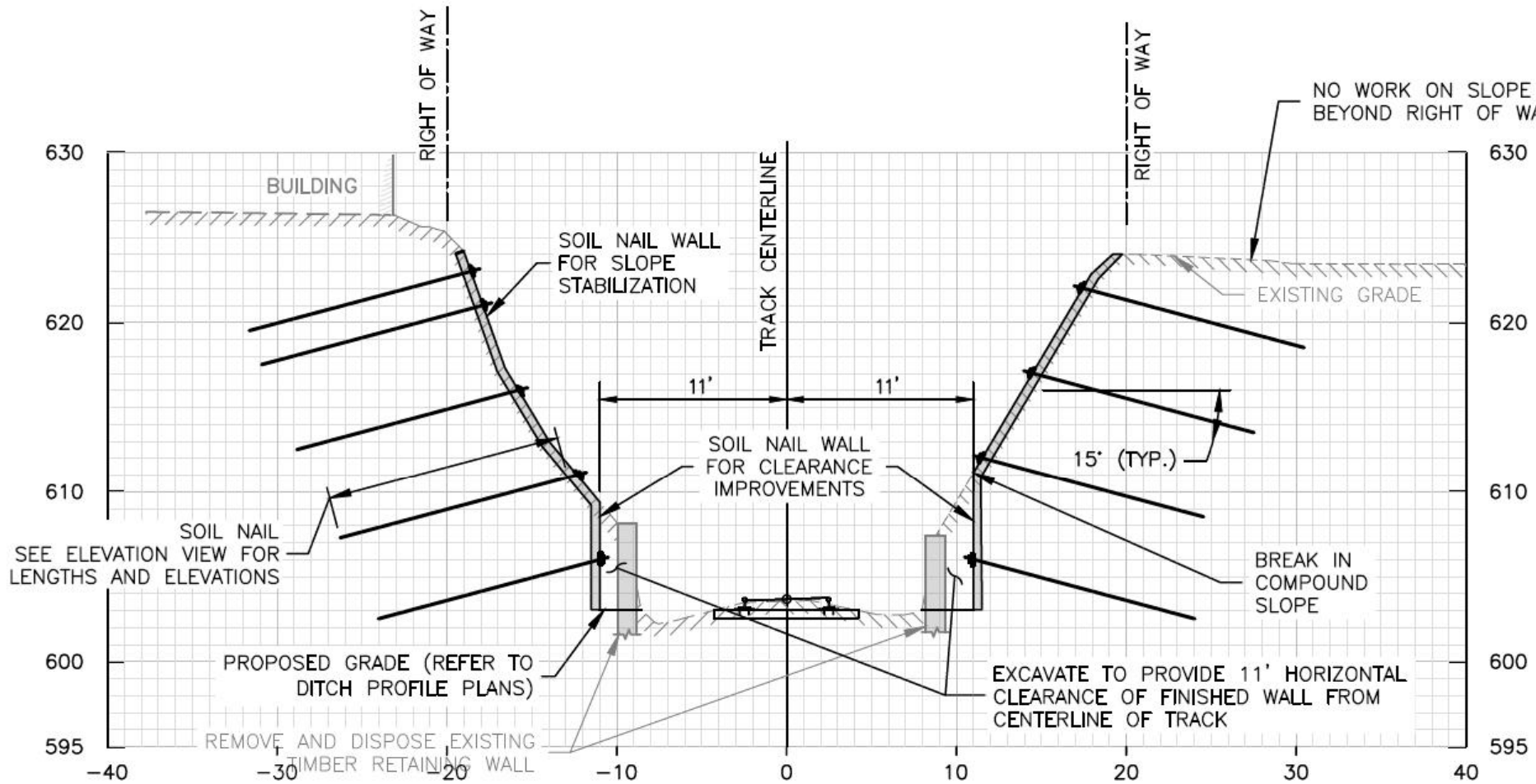
LEGEND

- PROPOSED LOCATION OF SOIL NAIL
- PROPOSED LENGTH OF SOIL NAIL
- BREAK IN COMPOUND SLOPE (CHANGE IN WALL BATTER) BELOW THE ELEVATION, EXCAVATE EXISTING SLOPE TO PROVIDE 1:1 HORIZONTAL CLEARANCE FROM CENTERLINE OF TRACK. BELOW THE ELEVATION WALL BATTER TO BE VERTICAL ABOVE THE ELEVATION WALL BATTER TO MATCH EXISTING SLOPE GRADES (FOLLOWING CLEARING AND GRUBBING).



PROJECT: SOIL NAIL WALL NORTH WALL ELEVATION VIEW	
CLIENT: CORPORATION	
PROJECT: LAURENS, SOUTH CAROLINA	
DESIGNED BY: AE	CHECKED BY: CLB
DRAWN BY: AE	SCALE: AS SHOWN
DATE: FEBRUARY, 2015	PROJECT NO.: 06-00576-07
DRAWING NO.: 9	

ELEVATION IN FEET



ELEVATION IN FEET

B
1 | 4

SECTION THROUGH STA.8+00

SCALE: 1"=10'



































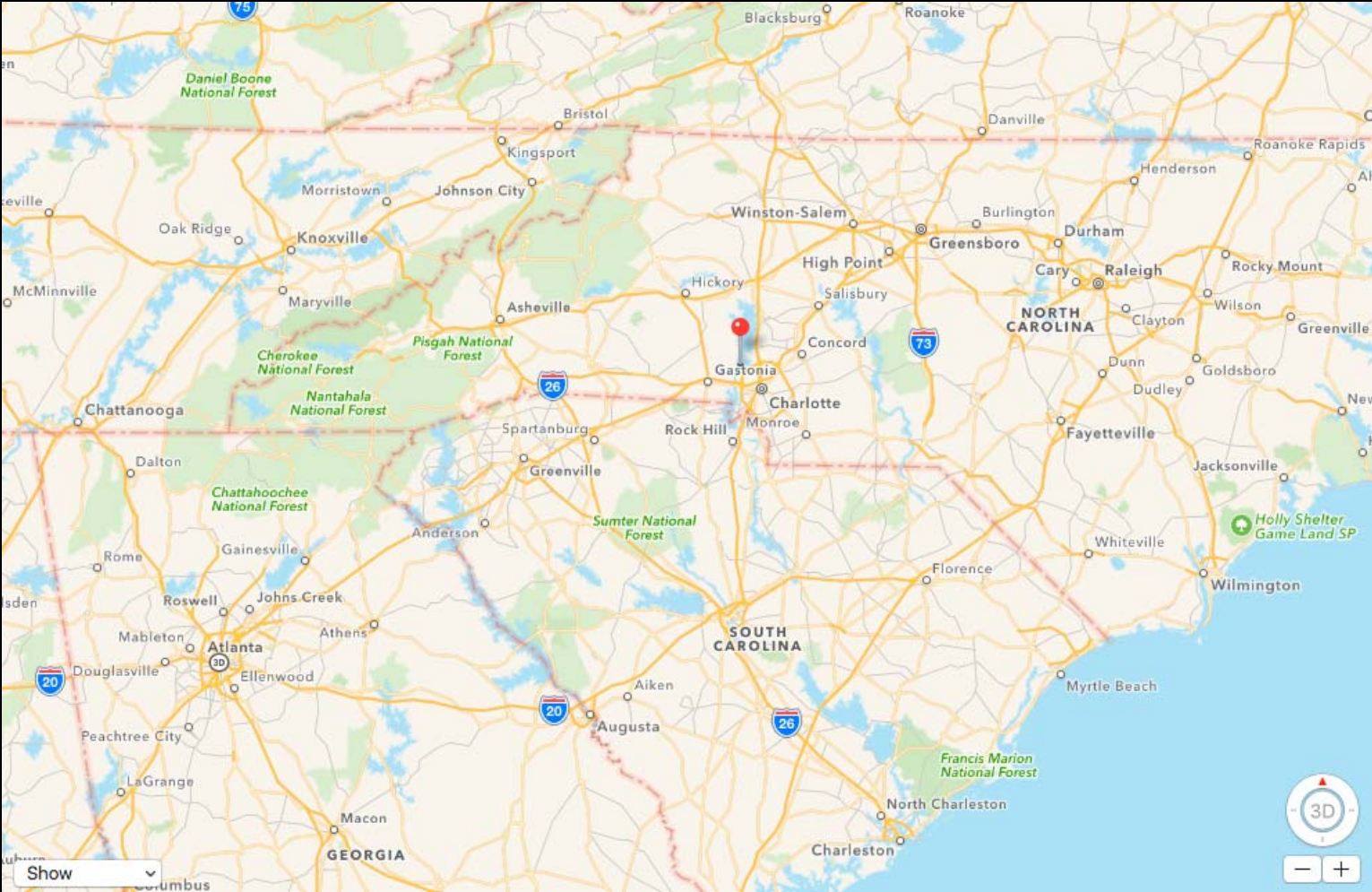




Riverbend Steam Station Mt. Holly, NC

by daryl wurster

Riverbend Steam Station Mt. Holly, North Carolina



Duke Energy's Riverbend Steam Station

December 2014











Sacrificial Soil Nail Proof Test 1 Riverbend Steam Station

