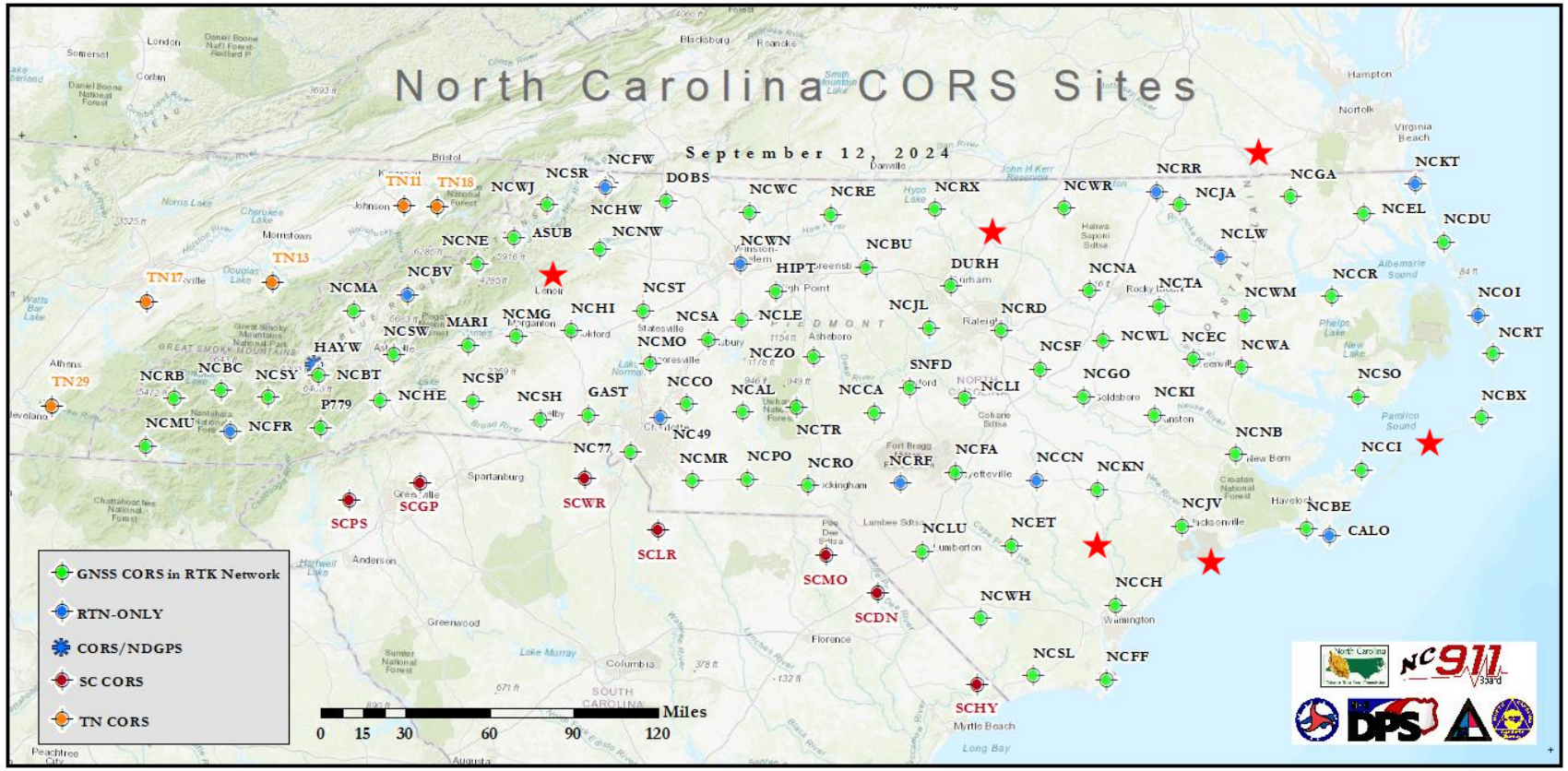
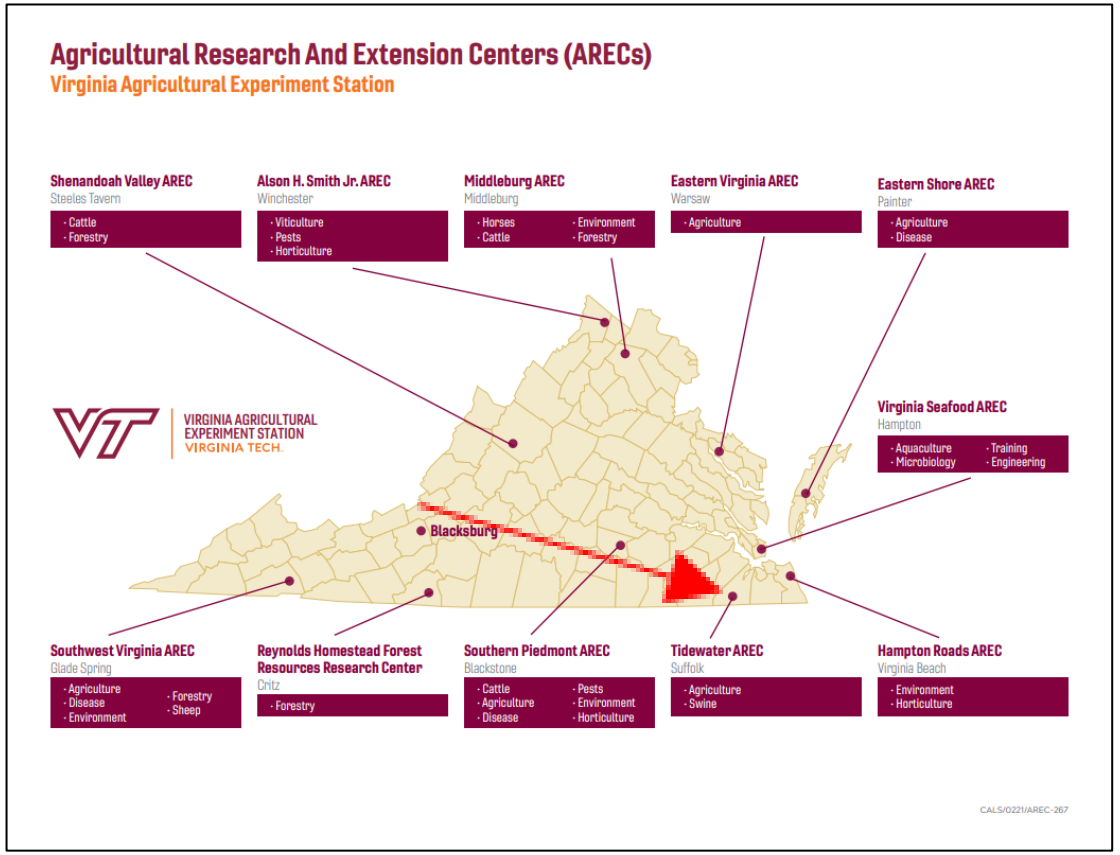
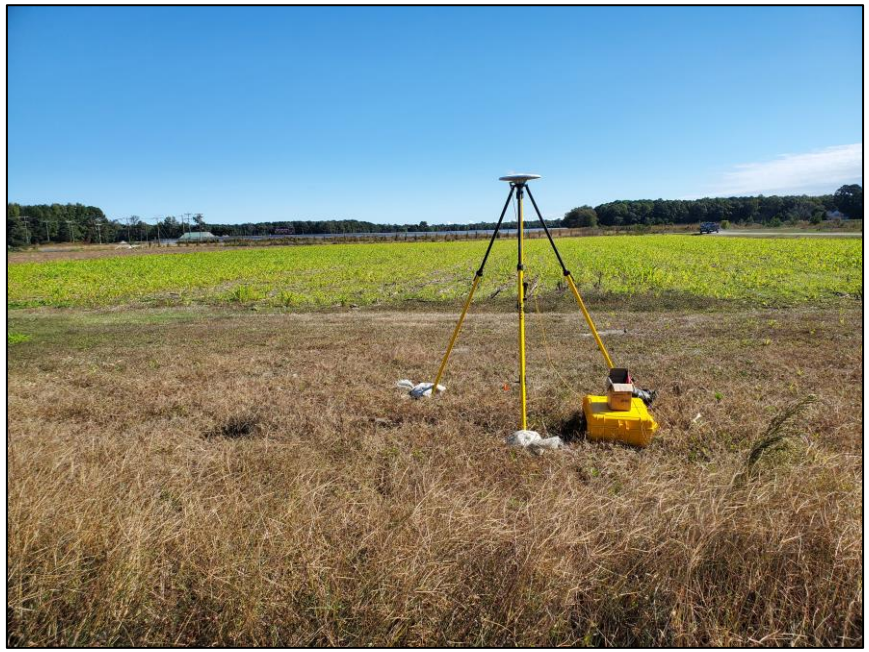
# North Carolina (NC) Continuously Operating Reference Stations (CORS) Network 2025




Future CORS location = ★

# NC Geodetic Survey-Virginia Tech CORS



CORS Location

Agreement signed and waiting on final deliver of equipment and supplies needed to install the CORS. Installation scheduled for early July.

# New Kinston (NCKS) CORS

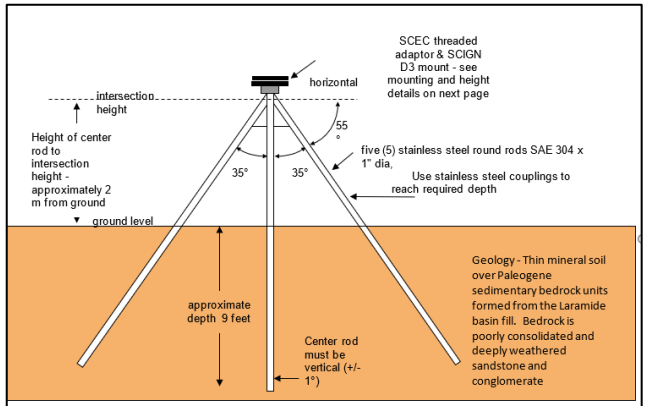



**Figure 2 - Side view of Shallow Driven Braced Monument- NOT TO SCALE**

# Proposed NCBE Replacement CORS


# Proposed NCBE Replacement CORS (Cape Lookout)

# Proposed CORS on Ocracoke Island

- New proposed location (Ocracoke Airport)

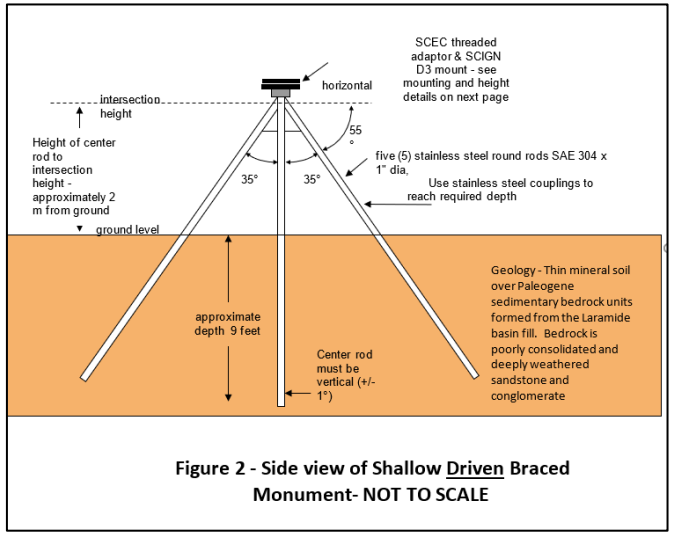
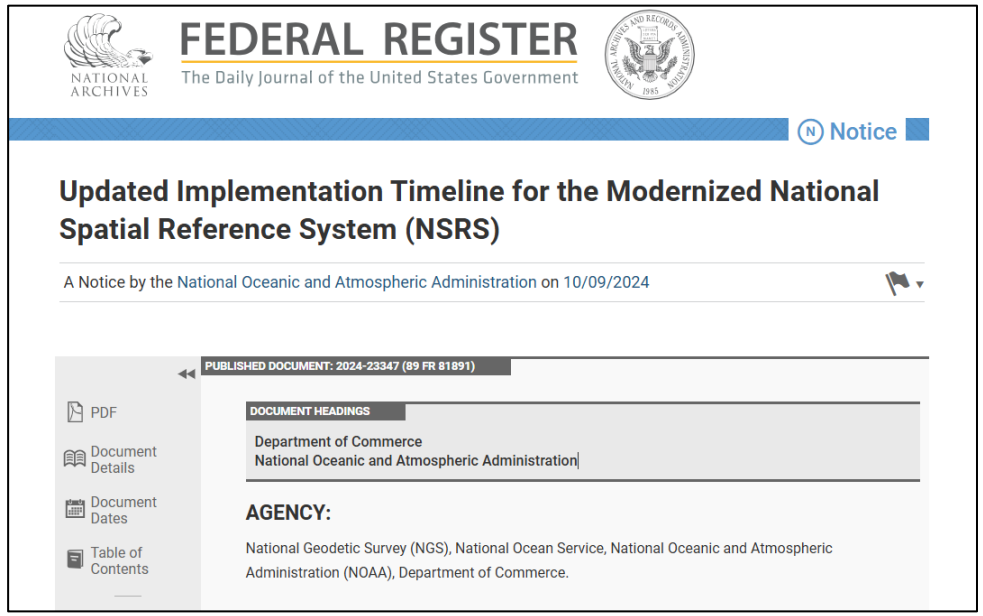




**Figure 2 - Side view of Shallow Driven Braced Monument- NOT TO SCALE**



NATIONAL ARCHIVES

FEDERAL REGISTER

The Daily Journal of the United States Government

Notice

**Updated Implementation Timeline for the Modernized National Spatial Reference System (NSRS)**

A Notice by the National Oceanic and Atmospheric Administration on 10/09/2024

PUBLISHED DOCUMENT: 2024-23347 (89 FR 81891)

PDF

Document Details

Document Dates

Table of Contents

DOCUMENT HEADINGS

Department of Commerce
National Oceanic and Atmospheric Administration

**AGENCY:**

National Geodetic Survey (NGS), National Ocean Service, National Oceanic and Atmospheric Administration (NOAA), Department of Commerce.

The following details outline the process for the rollout of the modernized NSRS:

- NGS plans to roll out components of the modernized NSRS in 2025 or 2026. As each component is released at *beta.ngs.noaa.gov*, it can be publicly tested with feedback provided to NGS. The testing will continue for at least six months after the final component is released on *beta.ngs.noaa.gov*.
- While the modernized NSRS is being rolled out and tested, the current NSRS will remain the official NSRS of the United States. The official NSRS (*i.e.*, currently NAD 83, NAVD 88, etc.) may be found at *geodesy.noaa.gov*. Only one major improvement to the current NSRS is expected during this time: ITRF2020 will be integrated in all products and services.
- Once testing is complete, and all modernized NSRS components appear to be stable and correct, the Federal Geodetic Control Subcommittee (FGCS) will be asked to vote to approve the modernized NSRS (likely in 2026). If FGCS approves the modernized NSRS, NGS will publish an FRN announcing the approval of the modernized NSRS and begin a several-month process of transitioning all modernized NSRS components to the official website at *geodesy.noaa.gov*. During this transition, the beta website may be wiped of submitted data and no further submissions to the NGS IDB (the repository for the current NSRS) will be allowed.