



## NCDOT STRUCTURE MANAGEMENT UNIT (SMU) NBIS BRIDGE INSPECTIONS

WGI's team of NBIS-certified inspectors combines traditional expertise with advanced technologies to help owners ensure safety, plan maintenance, and extend the service life of their bridge assets. Our team includes FAA-certified drone pilots who perform drone-assisted inspections to safely access hard-to-reach bridge elements and capture detailed imagery for assessment.

WGI provides comprehensive bridge inspection, condition evaluation, and load rating services, supporting the development of long-term maintenance and asset management programs. Since 2010, WGI has inspected more than 2,100 bridges for NCDOT, earning a reputation for reliability, accuracy, and responsiveness.

Our inspectors are experienced in evaluating a wide range of bridge types across North Carolina's state and municipal networks, including segmental, fracture-critical, and truss bridges. Notable bridges inspected by WGI include the Washington Bypass Bridge in Beaufort County, the Hobucken Bridge in Pamlico County, the Manns Harbor Bridge in Dare County, and the Wright Memorial Bridge in Currituck County.

All of WGI's inspection reports are meticulously prepared using NCDOT's WIGINS Elements system to ensure consistency, clarity, and compliance with state standards. WGI's bridge inspection contracts include:

**2010-2011 State Bridge Management Unit NBIS Bridge Inspections:** WGI was a subconsultant for six different private engineering firms and performed over 122 inventory and operating ratings for municipal and state bridges throughout North Carolina. WGI staff led the inspections of over 24 municipal and state bridges.

**2011-2013 SMU NBIS Bridge Inspections, NCDOT Contract #7000012751:** As the prime consultant, WGI performed over 215 municipal and state bridge inspections during this cycle. In addition, WGI performed over 346 metal traffic signal pole inspections for the intelligent transportation system and signals structural review group.

**2013-2015 SMU NBIS Bridge Inspections, NCDOT Contract #7000014870:** WGI inspected 323 municipal and state bridges across North Carolina.

**2015-2017 SMU NBIS Bridge Inspections, NCDOT Contract #7000016523:** WGI inspected 421 municipal and state bridges across North Carolina.

**2017-2020 SMU NBIS Bridge Inspections, NCDOT Contract #7000018353:** WGI inspected 523 municipal and state bridges across North Carolina.

**2020-2023 SMU NBIS Bridge Inspections, NCDOT Contract #7000020736:** WGI inspected 582 municipal and state bridges across North Carolina.