

NCDOT History of Wheelchair Ramps/ Curb Ramps Installation

The 1973 Federal Highway Safety Act required Curb Ramps to be installed on NCDOT projects with curb and gutter beginning July 1, 1976.

- Details were used for Wheelchair Ramps beginning in January of 1976.
- The 1st set of Roadway Standard Drawings for Wheelchair Ramps (848.05) were published in 1977.
- Standard 848.05 was modified in 1989.

In 1990, The Americans with Disabilities Act required NCDOT to install Wheelchair Ramps beginning January of 1992. Details in Lieu of Standards were developed and implemented in January of 1992 and modified in 1993. Truncated Domes were included in the initial set of Standard Drawing (848.05).

- The 1st set of official Standard Drawings with the 1990 ADA requirements was published in 1995. The truncated domes were removed per direction from FHWA.
- The 2nd set was published in 1998 with minor changes.
- The 3rd set was published in 2002 with minor changes.
- Details in Lieu of Standard Drawings were implemented in Oct. 2003. The truncated domes were added the revised Standard Drawings.
- The 4th set was published in 2006. A new Standard, 848.06, was developed that separated existing curb and gutter ramps from proposed curb and gutter ramps. Standard 848.05 was used for proposed curb and gutter and 848.06 was used for existing curb and gutter.
- Details in Lieu of Standard Drawings were implemented in Aug. 2011. The changes were made to bring our ramps design into compliance with the latest 2010 ADA requirements.
- The current set of Standard Drawings was published in 2012.