



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

MEMORANDUM TO: Project Engineers
Project Design Engineers

FROM: B.C. Hanks, P. E.
State Structures Engineer

DATE: November 30, 2022

SUBJECT: DESIGN MANUAL REVISIONS

The following section in Chapter 6 of the Design Manual has been revised to provide clarification and/or guidance on current design practice:

Section	Summary of Revision(s)
6.3.3.1	Revised the width of the diaphragm from 10 inches to 1 foot.

The following Design Manual figures have been revised:

Figure	Summary
6-74	Revised the width of the diaphragm from 10 inches to 1 foot. Revised the clearance of the "S" bars to 2 inches.
6-75	Revised the width of the bent diaphragm from 10 inches to 1 foot.

The Design Manual, as well as the updated Design Manual Figures, are available on the Structures Management Unit website.

This revision is effective with the March 2023 letting.

BCH/THC/lm

Cc: G. Muchane, P.E.
W. K. Fischer, P.E.
W. W. Jones, P.E.
T. M. Bruton, P.E.
D. C. Muller, P.E., FHWA
Division Bridge Program Managers
Regional Bridge Construction Engineers

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
STRUCTURES MANAGEMENT UNIT
1581 MAIL SERVICE CENTER
RALEIGH, NC 27699-1581

Telephone: 919-707-6400
Fax: 919-250-4082
Customer Service: 1-877-368-4968

Website: ncdot.gov

Location:
1000 BIRCH RIDGE DRIVE
RALEIGH, NC 27610

Area Construction Engineers