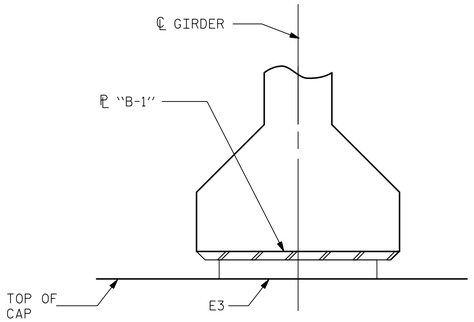
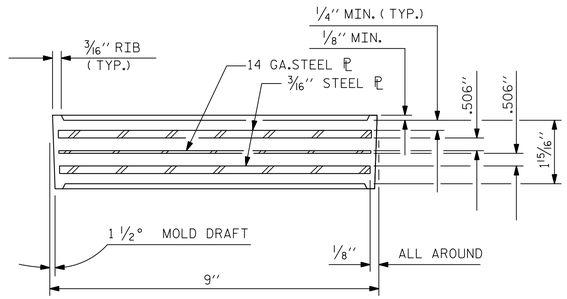
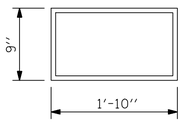


FIXED

SECTION E-E



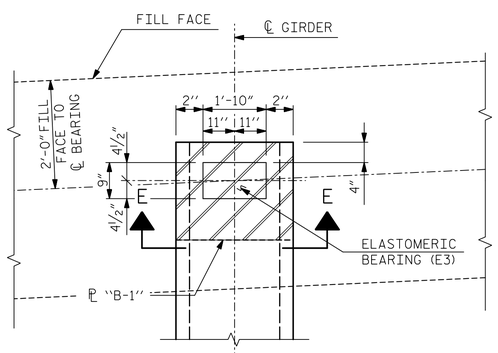
TYPICAL SECTION OF ELASTOMERIC BEARINGS



E3 (14 REQ'D)

PLAN VIEW OF ELASTOMERIC BEARING

TYPE IV



PLAN VIEW AT INTEGRAL END BENTS

(END BENT 1 SHOWN, END BENT 2 SIMILAR BY ROTATION)

NOTES

THE ELASTOMER IN THE STEEL REINFORCED BEARINGS SHALL HAVE A SHEAR MODULUS OF 0.160 KSI, IN ACCORDANCE WITH AASHTO M251.

FOR STEEL REINFORCED ELASTOMERIC BEARINGS, SEE SPECIAL PROVISIONS.

FOR BEARING LOCATIONS, SEE "FRAMING PLAN" SHEET.

MAXIMUM ALLOWABLE SERVICE LOADS	
D.L.+L.L. (NO IMPACT)	
TYPE IV	225.0 k

PROJECT NO. R-5021

BRUNSWICK COUNTY

STATION: 39+52.37 -Y14A-

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 046234 R. BRUCE BOSLEY
12/7/2018

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 12916 PAUL J. BARBER
12/7/2018

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD
ELASTOMERIC BEARING DETAILS
PRESTRESSED CONCRETE GIRDER SUPERSTRUCTURE

HNTB NORTH CAROLINA, P.C.
NC License No. C-1554
343 E. Six Forks Rd., Suite 200, Raleigh, N.C. 27609

DRAWN BY A. GOFF DATE 7/18
CHECKED BY J. ELKINS DATE 7/18
DESIGN ENGINEER OF RECORD B. BOSLEY DATE 12/18

DWG. NO. 12

REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	S4-12
1			3			TOTAL SHEETS
2			4			24

ASSEMBLED BY : ADG DATE : 4/18
CHECKED BY : JVE DATE : 4/18

DRAWN BY : EEM 2/97
CHECKED BY : VAP 2/97

REV. 5/1/06 TLA/GM
REV. 10/1/11 MAA/GM
REV. 6/13 AAC/MAA

STD. NO. EB3 AND EB4