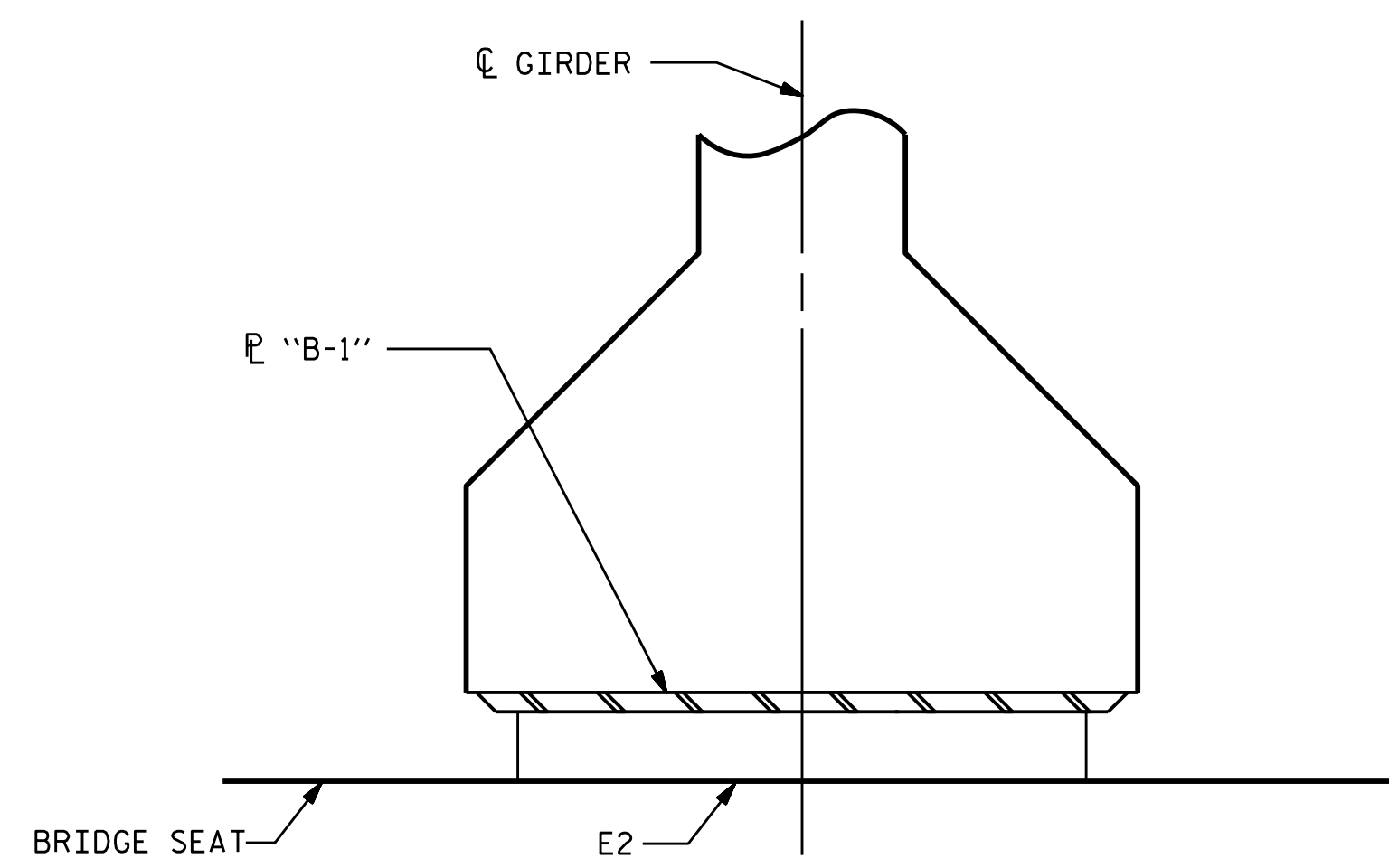


FIXED OR EXP.
SECTION E-E

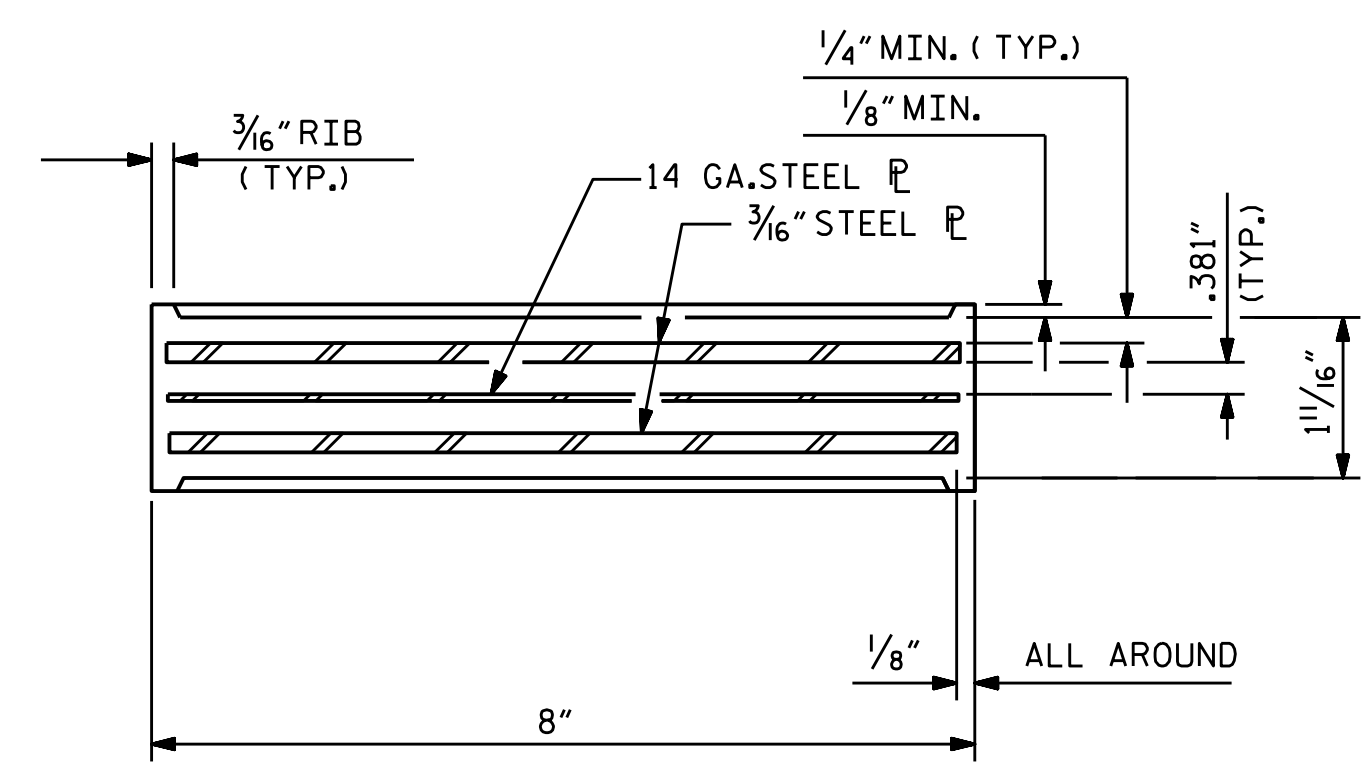


EXP.
SECTION E-E

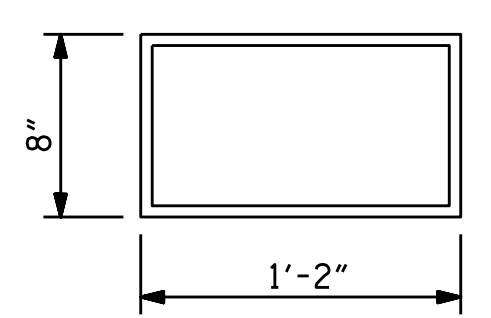
NOTES

ALL SURFACES OF BEARING PLATES SHALL BE SMOOTH AND STRAIGHT.
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.

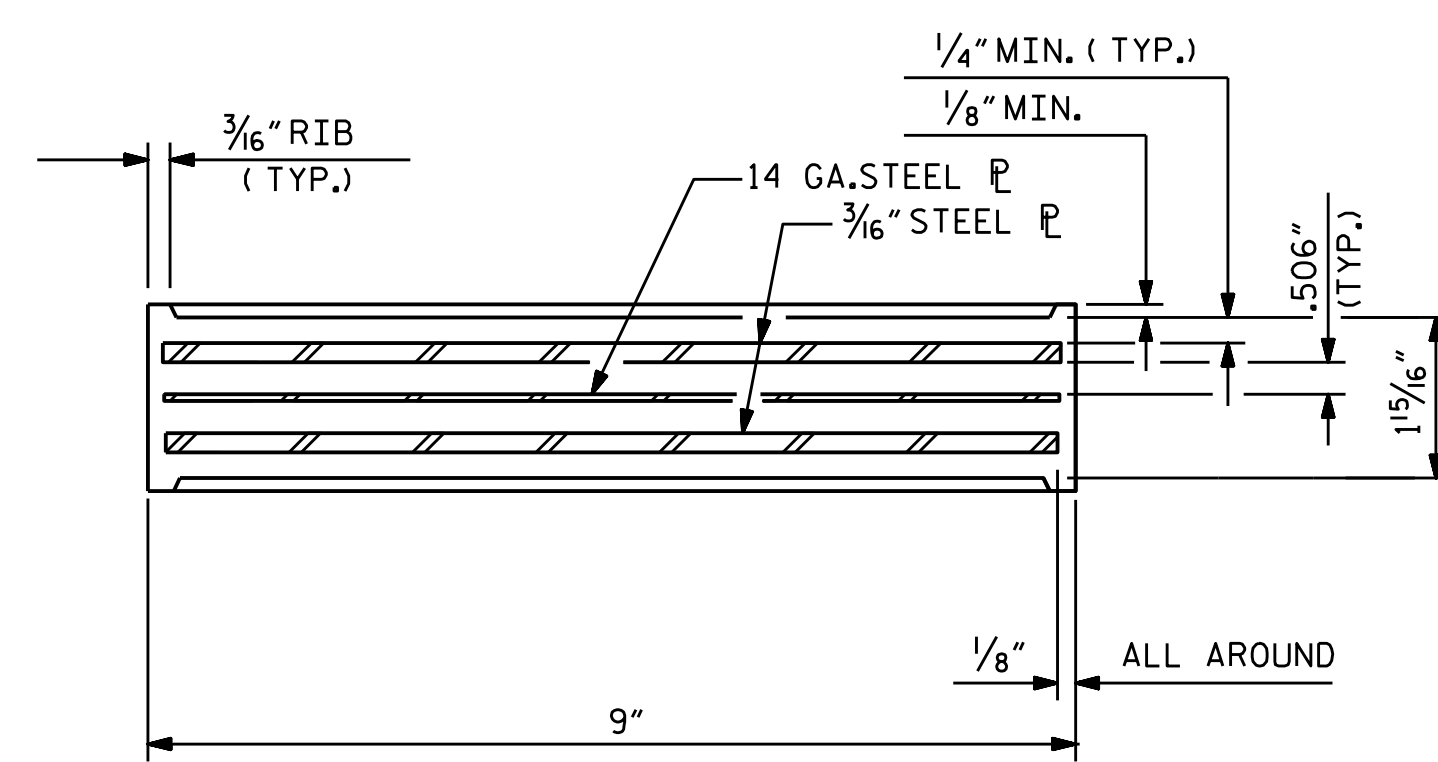
MAXIMUM ALLOWABLE SERVICE LOADS	
D.L.+L.L. (NO IMPACT)	
TYPE II	145 k
TYPE IV	225 k



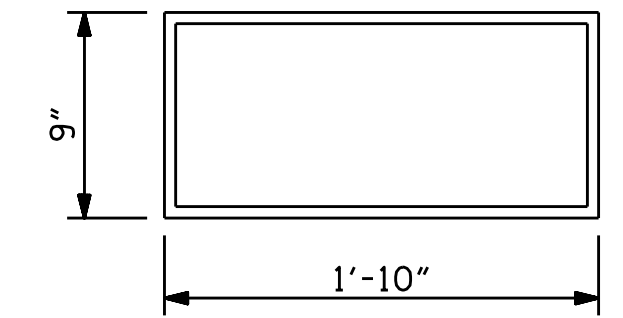
TYPICAL SECTION OF ELASTOMERIC BEARINGS



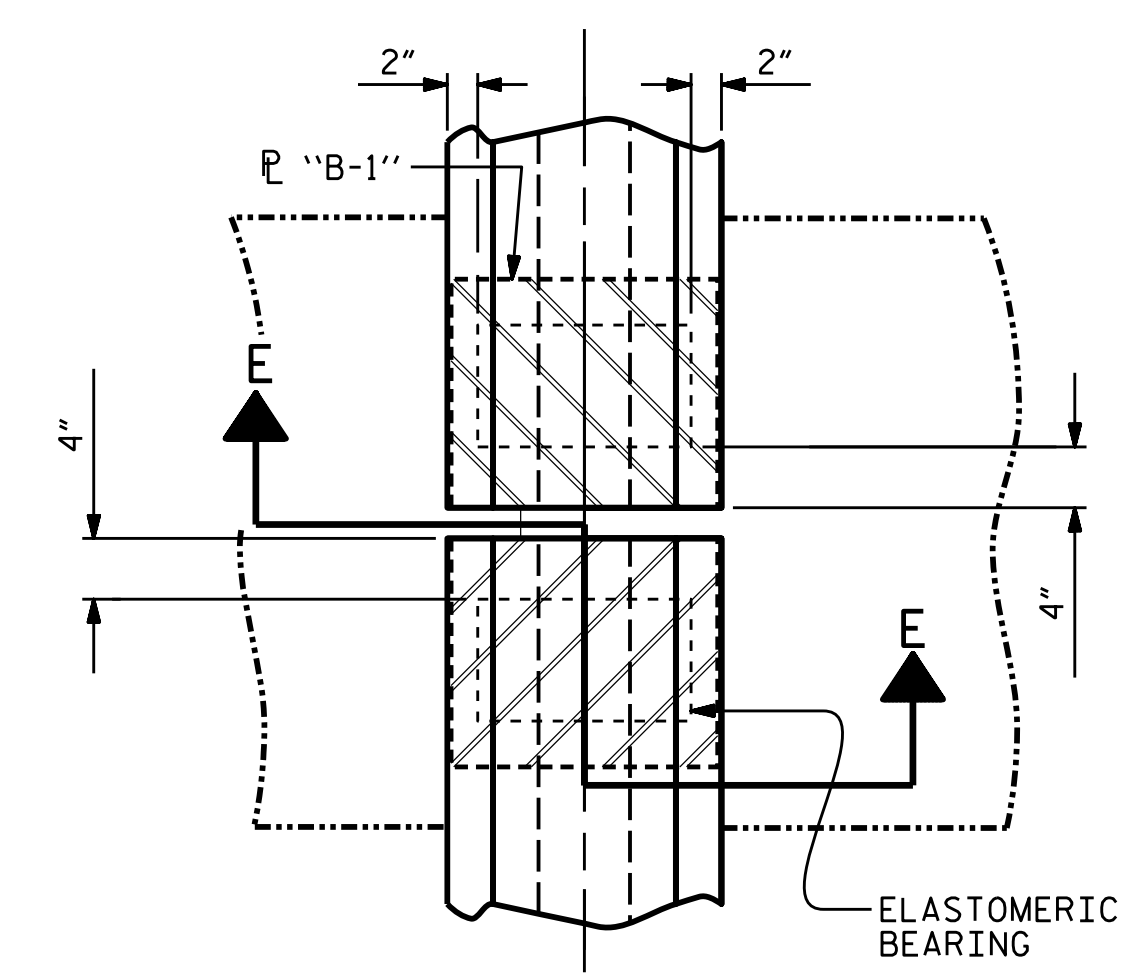
E1 (8 REQ'D)
PLAN VIEW OF ELASTOMERIC BEARING
TYPE II



TYPICAL SECTION OF ELASTOMERIC BEARINGS



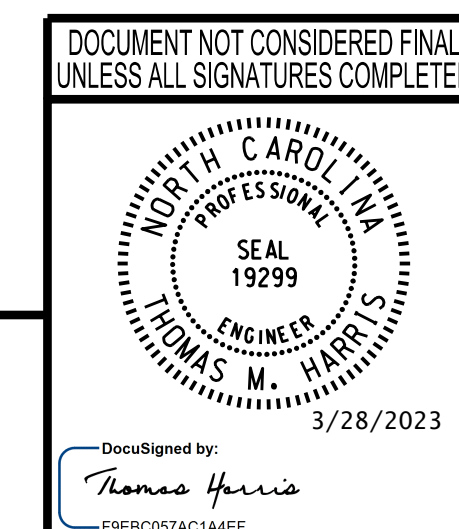
E2 (8 REQ'D)
PLAN VIEW OF ELASTOMERIC BEARING
TYPE IV



TYPICAL PLAN
(SHOWING SIMPLE SPAN BENT 2; OTHERS SIMILAR)

PROJECT NO. U-4424
EDGEcombe COUNTY
STATION: 66+24.84 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
ELASTOMERIC BEARING
DETAILS
PRESTRESSED CONCRETE GIRDER
SUPERSTRUCTURE



wsp
WSP USA Inc.
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
TEL: 1.919.836.4040
LICENSE NO. F-0165

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-18
1			3			TOTAL SHEETS
2			4			37

3/28/2023 J:\188771-06 NCDOT NC 111\U-4424\Structures\Dr-off\ing\DGNS\401_037_U4424_SML.BG_018.dgn

DRAWN BY: WJH	8/89	REV. 1/15	MAA/TMG
CHECKED BY: CRK	8/89	REV. 12/17	MAA/THC
		REV. 10/21	BNB/AAI
DESIGNED BY: J. WHEATLEY	DATE: MAR 2023		
DRAWN BY: J. WHEATLEY	DATE: MAR 2023		
CHECKED BY: T. KIRSCHBAUM	DATE: MAR 2023		
DESIGN ENGINEER OF RECORD: T. HARRIS	DATE: MAR 2023		