

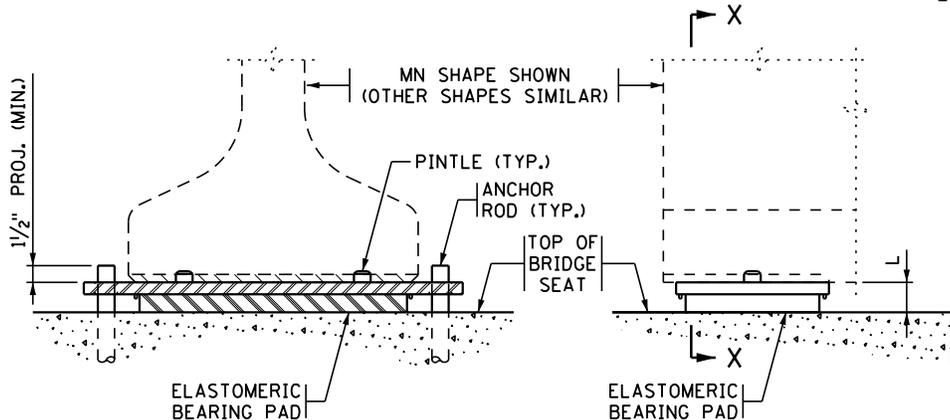
PLAN

BEAM NOT SHOWN

SECTION Y-Y

ENLARGED

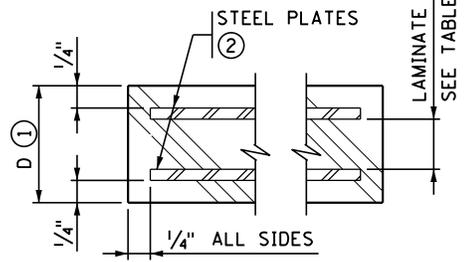
ANCHOR ROD
DETAIL



SECTION X-X

SIDE ELEVATION

ANCHOR RODS NOT SHOWN



SECTION THROUGH
ELASTOMERIC BEARING PAD

ASSEMBLY TYPE	LOCATION	BEAM SIZE	BEARING PAD SIZE			STEEL PLATES		LAMINATES		SHAPE FACTOR	BEARING PLATE SIZE			PINTLE DISTANCE	ASSY. HEIGHT	RESTRAINT PATTERN ③
			A	B	D	NO.	THICK.	NO.	THICK.		C	E	F			

NOTES:

- PROVIDE ELASTOMERIC MATERIALS AND PAD CONSTRUCTION PER SPEC. 3741.
- PROVIDE STEEL PLATES PER SPEC. 3306.
- PROVIDE ANCHOR RODS PER SPEC. 3306. GALVANIZE PER SPEC. 3394.
- PROVIDE PINTLES PER SPEC. 3309.
- GALVANIZE STRUCTURAL STEEL BEARING ASSEMBLY AFTER FABRICATION PER SPEC. 3394, EXCEPT AS NOTED.
- PAYMENT FOR BEARING ASSEMBLY INCLUDES ALL MATERIAL ON THIS DETAIL.

- ① THE TOTAL THICKNESS SHOWN INCLUDES THE STEEL PLATES.
- ② DO NOT GALVANIZE THESE PLATES.
- ③ REFER TO BEARING PAD RESTRAINT B-DETAIL FOR ADDITIONAL INFORMATION AND DETAILS.

*DESIGNER NOTE (REMOVE PRIOR TO PLOTTING FINAL PLAN):
FOR PARAPET AND SEMI-INTEGRAL ABUTMENT BRIDGES ON GRADES EXCEEDING 3%, MODIFY THIS DETAIL TO PROVIDE A TAPERED BEARING PLATE PER DETAIL B309.
PER NOTE ③ INCLUDE B307 AND MODIFY AS NECESSARY.*

MAX. FACTORED SHEAR RESISTANCE:
- 50.3 KIPS PER 1/2" DIA. PINTLE
- 36.2 KIPS PER 1/2" DIA. ANCHOR ROD

APPROVED: NOVEMBER 22, 2002 STATE BRIDGE ENGINEER	STATE OF MINNESOTA DEPARTMENT OF TRANSPORTATION ELASTOMERIC FIXED BEARING ASSEMBLY (PRESTRESSED CONCRETE BEAMS) (FOR REPLACEMENT OF INPLACE BEARINGS ONLY)	REVISION 01-05-2017 11-02-2017 11-08-2018	DETAIL NO. B304
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