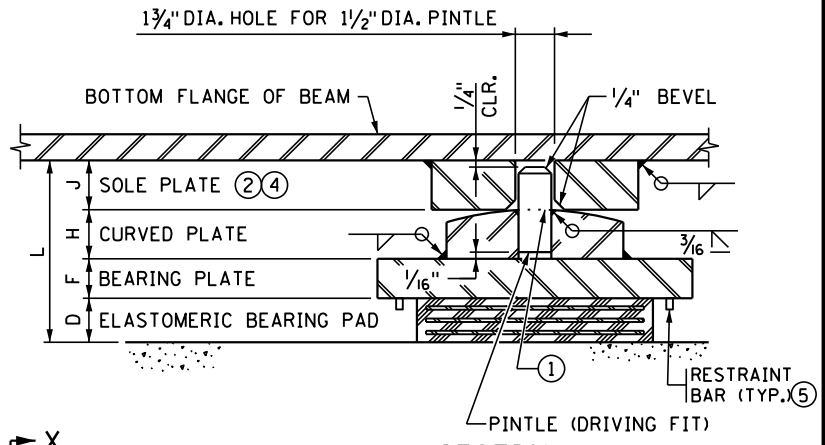
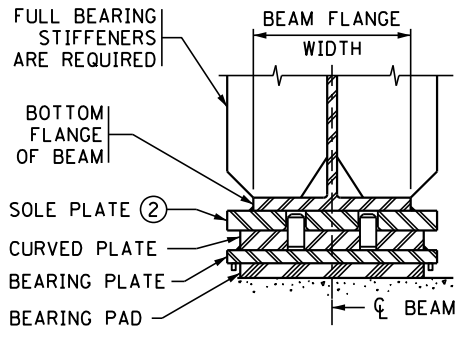


PLAN

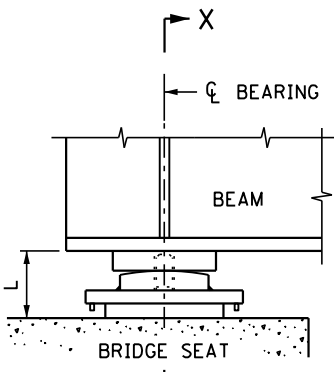


SECTION Y-Y

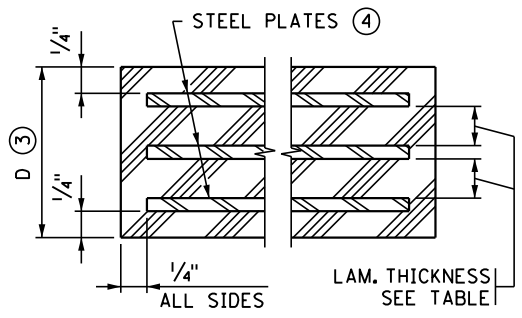
ENLARGED BEARING ASSEMBLY



SECTION X-X



SIDE ELEVATION



SECTION THROUGH BEARING PAD

TABLE

ASSEMBLY TYPE	LOCATION	BEAM FLANGE WIDTH	BEARING PAD SIZE			STEEL PLATES		LAMINATES	SHAPE FACTOR	BEARING PLATE SIZE			CURVED PLATE SIZE				SOLE PLATE SIZE			PINTLE DIA.	ASSY. HEIGHT L	RESTRAINT PATTERN ⑤		
			A	B	D	NO.	THICK.			C	E	F	G	B	H	R ①	WID.	LEN.	J ②					

NOTES:

PROVIDE ELASTOMERIC MATERIALS AND PAD CONSTRUCTION IN ACCORDANCE WITH SPEC. 3741.

PROVIDE STEEL PLATES IN ACCORDANCE WITH SPEC. 3306 EXCEPT THE SOLE PLATE. PROVIDE SOLE PLATE WITH THE SAME MATERIAL SPECIFICATION AS THE STEEL BEAMS.

PROVIDE PINTLES IN ACCORDANCE WITH SPEC. 3309.

GALVANIZE STRUCTURAL STEEL BEARING ASSEMBLY AFTER FABRICATION IN ACCORDANCE WITH SPEC. 3394, EXCEPT AS NOTED.

PAYMENT FOR BEARING ASSEMBLY INCLUDES ALL MATERIAL ON THIS DETAIL EXCEPT THE SOLE PLATE. THE SOLE PLATE IS INCLUDED IN THE WEIGHT OF STRUCTURAL STEEL.

- ① THE MIN. RADIUS IS 16" UNLESS OTHERWISE SPECIFIED IN THE TABLE. THE MAX. RADIUS IS 24". FINISH TO 250 MICRO. THE FINISHED THICKNESS OF THE PLATE MAY BE 1/16" LESS THAN SHOWN.
- ② WHEN THE SOLE PLATE IS TAPERED, DIMENSIONS "J" AND "L" ARE THICKNESS OF SOLE PLATE AND BEARING ASSEMBLY AT CENTERLINE OF BEARING.
- ③ THE TOTAL THICKNESS SHOWN INCLUDES THE STEEL PLATES.
- ④ DO NOT GALVANIZE THIS PLATE.
- ⑤ REFER TO BEARING PAD RESTRAINT B-DETAIL FOR ADDITIONAL INFORMATION AND DETAILS.

DESIGNER NOTE (REMOVE PRIOR TO PRINTING FINAL PLAN):  
PER NOTE ⑤ INCLUDE B307 AND MODIFY AS NECESSARY.

APPROVED: DECEMBER 02, 2020  
*Kevin Weston*  
STATE BRIDGE ENGINEER

STATE OF MINNESOTA  
DEPARTMENT OF TRANSPORTATION  
**CURVED PLATE BEARING ASSEMBLY**  
(STEEL BEAMS)  
(EXPANSION)

REVISION  
12-21-2022

DETAIL NO.  
**B355**