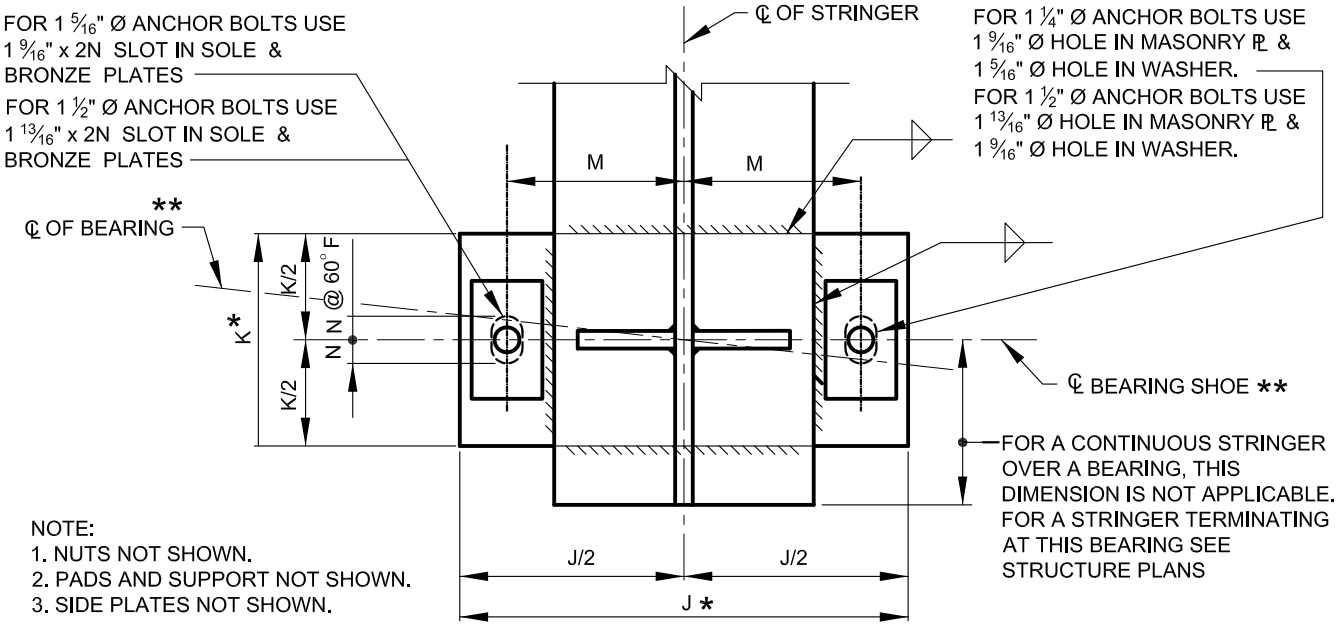

NOTE:
1. NUTS NOT SHOWN.
2. PADS AND SUPPORT NOT SHOWN.
3. SIDE PLATES NOT SHOWN.

PLAN
SCALE: NONE

DATA SCHEDULE

TYPE	SOLE PLATE			SLIDING PLATE				RADIUS	MASONRY PL			HOLE LOC.		HGT.	LOADS (KIPS)			TOTAL EXPANSION ± (0° F - 120°)
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	VERT.	HORIZ.	DEAD	
ME36 - I	21	9 1/2	1 3/8	20	7 1/2	1 3/4	1 ±	11	21	11	1	8 1/2	1 1/2	3 3/4	150	15	75	1
ME36 - II	23	10 1/2	2	22	8 1/2	1 3/4	1 ±	12	23	12	1	9 1/2	1 1/2	3 3/4	200	20	100	1
ME36 - III	25	11 1/2	2	24	9 1/2	1 3/4	1 ±	15	25	13	1	10 1/2	1 1/2	3 3/4	250	25	125	1
ME36 - IV	26	13 1/2	2 3/8	25	11 1/2	2 1/8	1 ±	15	26	16	1	11	2	4 1/8	300	30	150	1 1/2
ME36 - V	29	15 1/2	2 1/2	28	13 1/2	2 3/8	1 ±	18	29	17	1 1/2	12 1/2	2	4 7/8	350	35	175	1 3/4
ME36 - VI	30	16 1/2	2 1/2	29	14 1/2	2 5/8	1 ±	18	30	20	1 1/2	13	2 1/4	5 1/8	400	40	200	2 1/4

NOTE: ALL DIMENSIONS ARE IN INCHES.

NOTE:
1. SOLE AND MASONRY PLATES TO BE ASTM A 709 GRADE 36 STEEL PAINTED TO MATCH FINISHED BRIDGE COLOR, CONVEX PLATE SHALL BE A SELF LUBRICATING BRONZE BEARING PLATE CONFORMING TO SPECIFICATION 03 15 15.
2. FILL SLOTS AND HOLES AROUND ANCHOR BOLTS WITH NONHARDENING CAULKING COMPOUND OR ELASTIC JOINT SEALER.
3. 1000 RMS (FINISH ALL OVER) EXCEPT WHERE OTHERWISE NOTED.
4. DESIGN BEARING LOAD 1.0 KSI.
5. TOP OF SOLE PLATE MUST BE BEVELED TO FIT GRADE OF BOTTOM FLANGE. IF SOLE PLATE MUST BE BEVELED, DIMENSION 'C' SHALL BE MEASURED AT ℄ OF BEARING.
6. UNLESS OTHERWISE NOTED, BEARINGS SHALL BE PLACED NORMAL TO ℄ OF STRINGER.
7. PLATES ARE TO BE SHIPPED AS UNITS.
8. IF MORE THAN ONE SIZE BEARING IS CALLED FOR, CONTRACTOR MAY FURNISH ALL BEARINGS OF LARGER SIZE PROVIDED THE BEARING PADS ARE ALTERED TO ACCOMMODATE SAME. NO INCREASE IN ANY PRICES BID WILL BE ALLOWED IF THIS OPTION IS SELECTED.
9. ALL ANCHOR BOLTS AND WASHERS SHALL BE UNPAINTED ASTM A 709 GRADE 36 GALVANIZED STEEL. ALL NUTS SHALL BE UNPAINTED ASTM A 307 GALVANIZED STEEL.
10. MEDIUM SPAN RANGE IS CONSIDERED 50' TO 150' SIMPLE SPAN LENGTHS AND COMPARABLE SPAN CONTINUOUS UNITS.

* EDGE MAY BE LEFT AS CUT OR CAST.
** WHERE BRIDGE IS NOT SKEWED. ℄ BEARING AND ℄ SHOE ARE COINCIDENT.

NOTE TO DESIGNER:
GRADE 36 BEARING ARE TO BE USED IN BRIDGE REHABILITATION PROJECTS ONLY.

APPROVED:
DIVISION CHIEF, TRANSPORTATION ENGINEERING AND CONSTRUCTION
DIRECTOR, DEPARTMENT OF TRANSPORTATION

CITY OF BALTIMORE
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION ENGINEERING AND CONSTRUCTION

ISSUED	REVISED	REVISED
8 / 2010		

BEARING SHOE DETAILS SPANS 50' TO 150' C/C BEARINGS

STANDARD NO.
BC 451.01-1

SCALE : NONE