


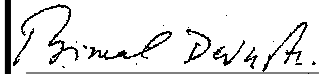
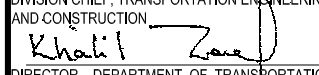
DATA SCHEDULE											
TYPE	SOLE PLATE MASONRY R. HOLE LOC.							HGT.	LOADS (KIPS)		
	A	B	C	A	B	D	E	F	VERT.	DEAD	
MF 50-I	20	9	1 3/4	20	9	1 3/4	8	3 1/2	175	85	
MF 50-II	22	11	1 7/8	22	11	1 7/8	9	3 3/4	240	120	
MF 50-III	24	12	2	24	12	2	10	4	285	140	
MF 50-IV	26	13	2 1/4	26	13	2 1/4	11	4 1/2	335	165	
MF 50-V	30	15	2 1/2	30	15	2 1/2	12	5	445	220	
MF 50-VI	32	16	2 3/4	32	16	2 3/4	13	5 1/2	510	255	
MF 50-VII	34	18	2 7/8	34	18	2 7/8	15	5 3/4	610	305	
MF 50-VIII	36	20	3	36	20	3	16	6	715	355	

NOTE: ALL DIMENSIONS ARE IN INCHES.

NOTE:

- SOLE AND MASONRY PLATES TO BE ASTM A 709 GRADE 50 STEEL PAINTED TO MATCH FINISHED BRIDGE COLOR, CONVEX PLATE SHALL BE A SELF LUBRICATING BRONZE BEARING PLATE CONFORMING TO SPECIFICATION 03 15 15.
- FILL SLOTS AND HOLES AROUND ANCHOR BOLTS WITH NONHARDENING CAULKING COMPOUND OR ELASTIC JOINT SEALER.
- 1000 RMS (FINISH ALL OVER) EXCEPT WHERE OTHERWISE NOTED.
- ROTATION 1/2° ± MAXIMUM.
- DESIGN MASONRY BEARING LOAD 1.0 KSI.
- TOP OF SOLE PLATE MUST BE BEVELED TO FIT GRADE OF BOTTOM FLANGE.
- UNLESS OTHERWISE NOTED, BEARINGS SHALL BE PLACED NORMAL TO C<sub>L</sub> OF STRINGER.
- PLATES ARE TO BE SHIPPED AS UNITS.
- 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.
- 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.
- MEDIUM SPAN RANGE IS CONSIDERED 50' TO 150' SIMPLE SPAN LENGTHS AND COMPARABLE SPAN CONTINUOUS UNITS.



	APPROVED:  DIVISION CHIEF, TRANSPORTATION ENGINEERING AND CONSTRUCTION  DIRECTOR, DEPARTMENT OF TRANSPORTATION	<b>CITY OF BALTIMORE</b> <b>DEPARTMENT OF TRANSPORTATION</b> <b>TRANSPORTATION ENGINEERING AND CONSTRUCTION</b>	ISSUED 8 / 2010	REVISED 	REVISED 
	<b>FIXED BEARING</b> <b>MEDIUM LENGTH SPANS</b> <b>(GRADE 50 STEEL)</b>		<b>STANDARD NO.</b> <b>BC 462.01-2</b>		
			SCALE: NONE	SHEET 2 OF 3	