

PLAN  
SCALE: NONE

| DATA SCHEDULE |            |   |   |                      |   |   |           |      |              |      |
|---------------|------------|---|---|----------------------|---|---|-----------|------|--------------|------|
| TYPE          | SOLE PLATE |   |   | MASONRY $\mathbb{R}$ |   |   | HOLE LOC. | HGT. | LOADS (KIPS) |      |
|               | A          | B | C | A                    | B | D | E         | F    | VERT.        | DEAD |
| SE36 - I      | 17         | 9 | 1 | 17                   | 9 | 1 | 6 1/2"    | 2    | 70           | 16   |
| SE36 - II     | 19         | 9 | 1 | 19                   | 9 | 1 | 7 1/2"    | 2    | 85           | 23   |
| SE36 - III    | 21         | 9 | 1 | 21                   | 9 | 1 | 8 1/2"    | 2    | 100          | 34   |

NOTE: ALL DIMENSIONS ARE IN INCHES.

NOTE:

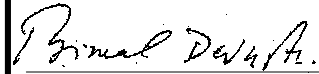
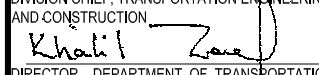
- SOLE AND MASONRY PLATES TO BE ASTM A 709 GRADE 36 STEEL PAINTED TO MATCH FINISHED BRIDGE COLOR.
- FILL SLOTS AND HOLES AROUND ANCHOR BOLTS WITH NONHARDENING CAULKING COMPOUND OR ELASTIC JOINT SEALER.
- 1000 RMS (FINISH ALL OVER) EXCEPT WHERE OTHERWISE NOTED.
- DESIGN BEARING LOAD 0.7 KSI.
- TOP OF SOLE PLATE MUST BE BEVELED TO FIT GRADE OF BOTTOM FLANGE. IF SOLE PLATE MUST BE BEVELED, DIMENSION 'C' SHALL BE MEASURED AT  $\phi$  OF BEARING.
- UNLESS OTHERWISE NOTED, BEARINGS SHALL BE PLACED NORMAL TO C 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.
- THIS BEARING FOR USE ON SIMPLE SPAN STEEL STRINGER BRIDGES LESS THAN 50'-0" LONG AND/OR COMPARABLE CONTINUOUS SPAN LENGTHS.
- 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.

\* EDGE MAY BE LEFT AS CUT OR CAST.

\*\* WHERE BRIDGE IS NOT SKEWED.  $\phi$  BEARING AND  $\phi$  SHOE ARE COINCIDENT.

NOTE TO DESIGNER:

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

|   |  |  |                             |              |         |
|---|--|--|-----------------------------|--------------|---------|
|  | APPROVED:<br><br>DIVISION CHIEF, TRANSPORTATION ENGINEERING AND CONSTRUCTION<br><br>DIRECTOR, DEPARTMENT OF TRANSPORTATION | CITY OF BALTIMORE<br>DEPARTMENT OF TRANSPORTATION<br>TRANSPORTATION ENGINEERING AND CONSTRUCTION | ISSUED<br>8 / 2010          | REVISED      | REVISED |
|   | BEARING SHOE DETAILS<br>SPANS LESS THAN 50'<br>C/C BEARINGS  |  | STANDARD NO.<br>BC 450.01-1 |              |         |
|   |  |  | SCALE: NONE                 | SHEET 1 OF 2 |         |