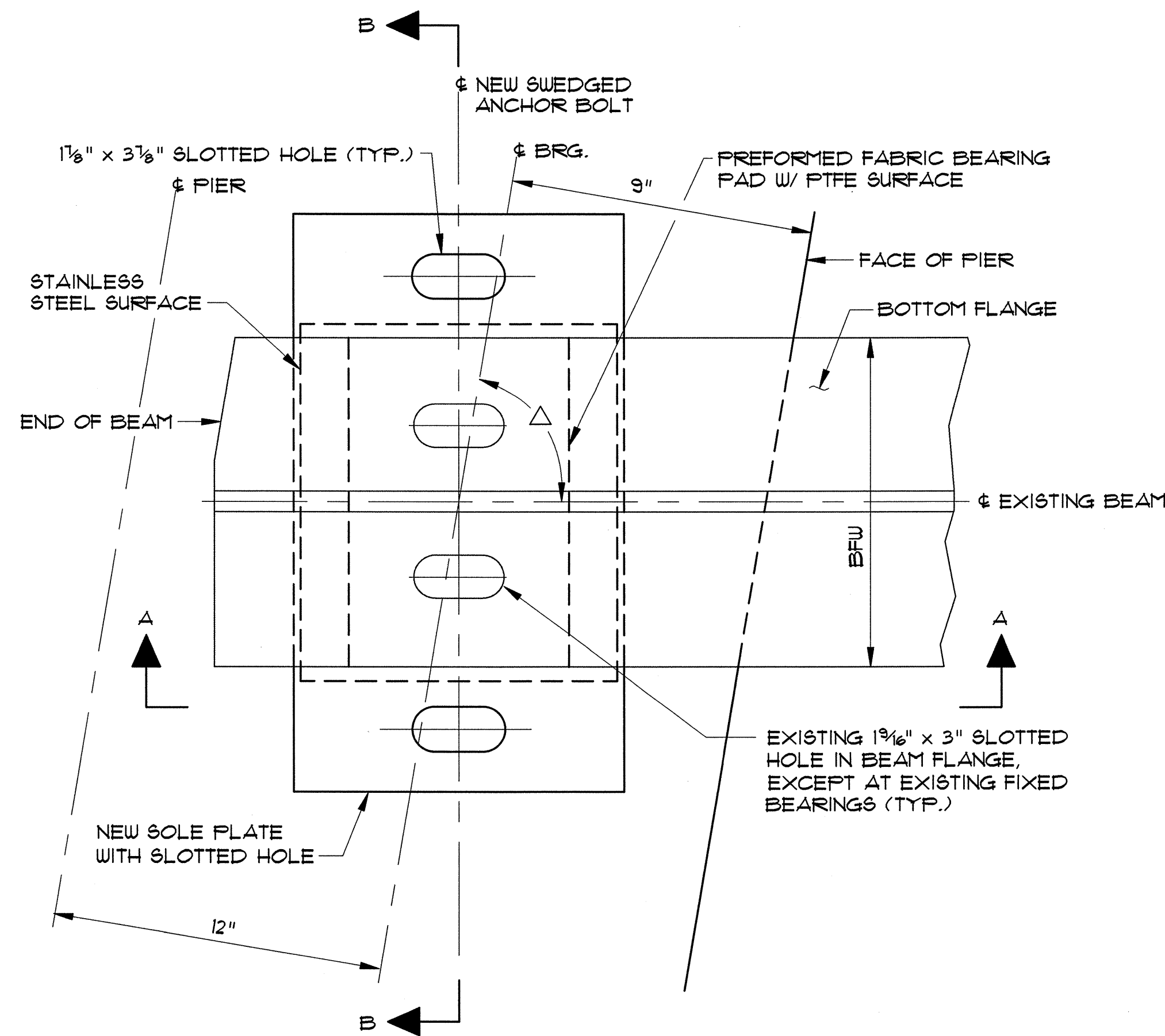
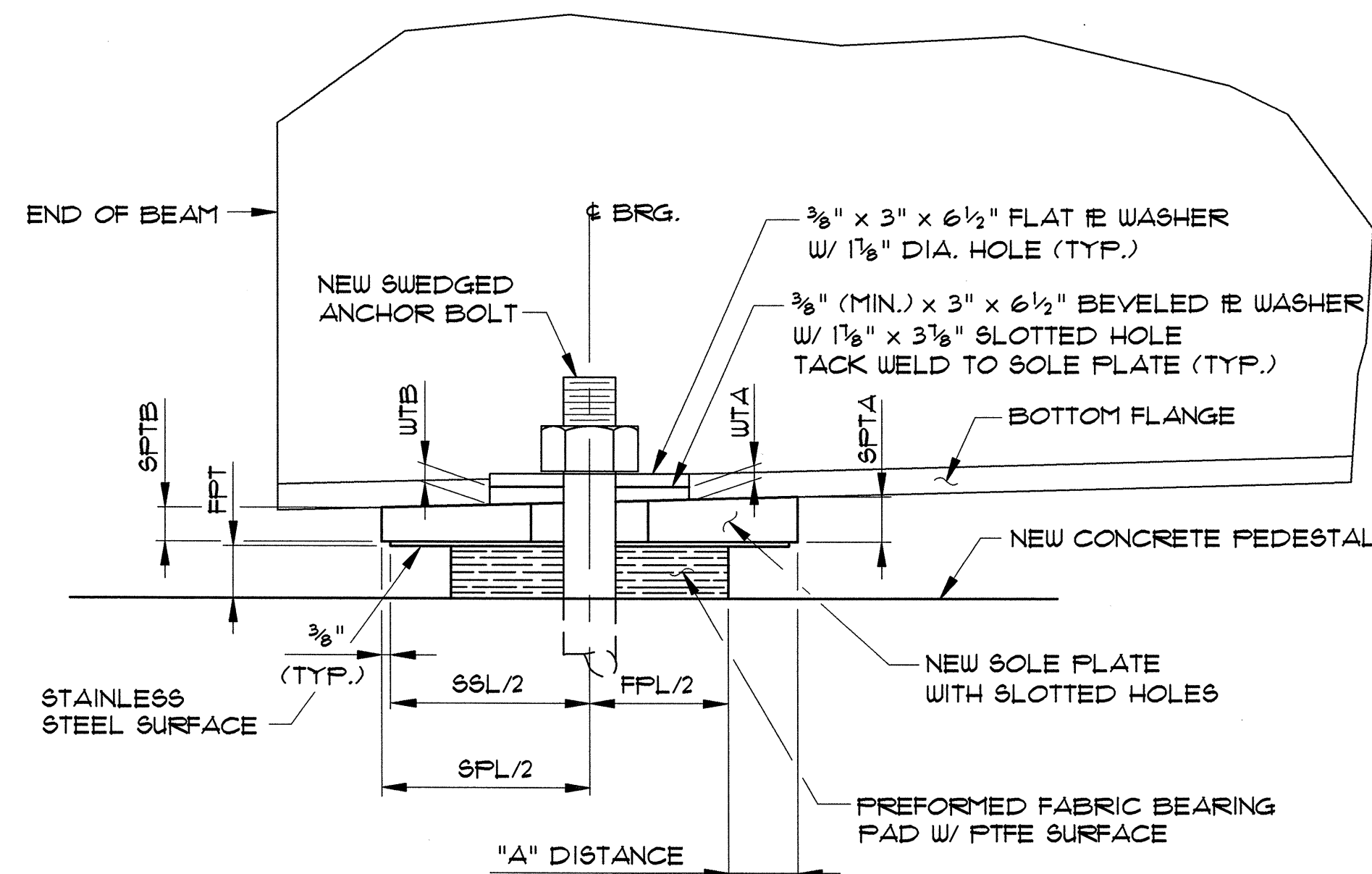
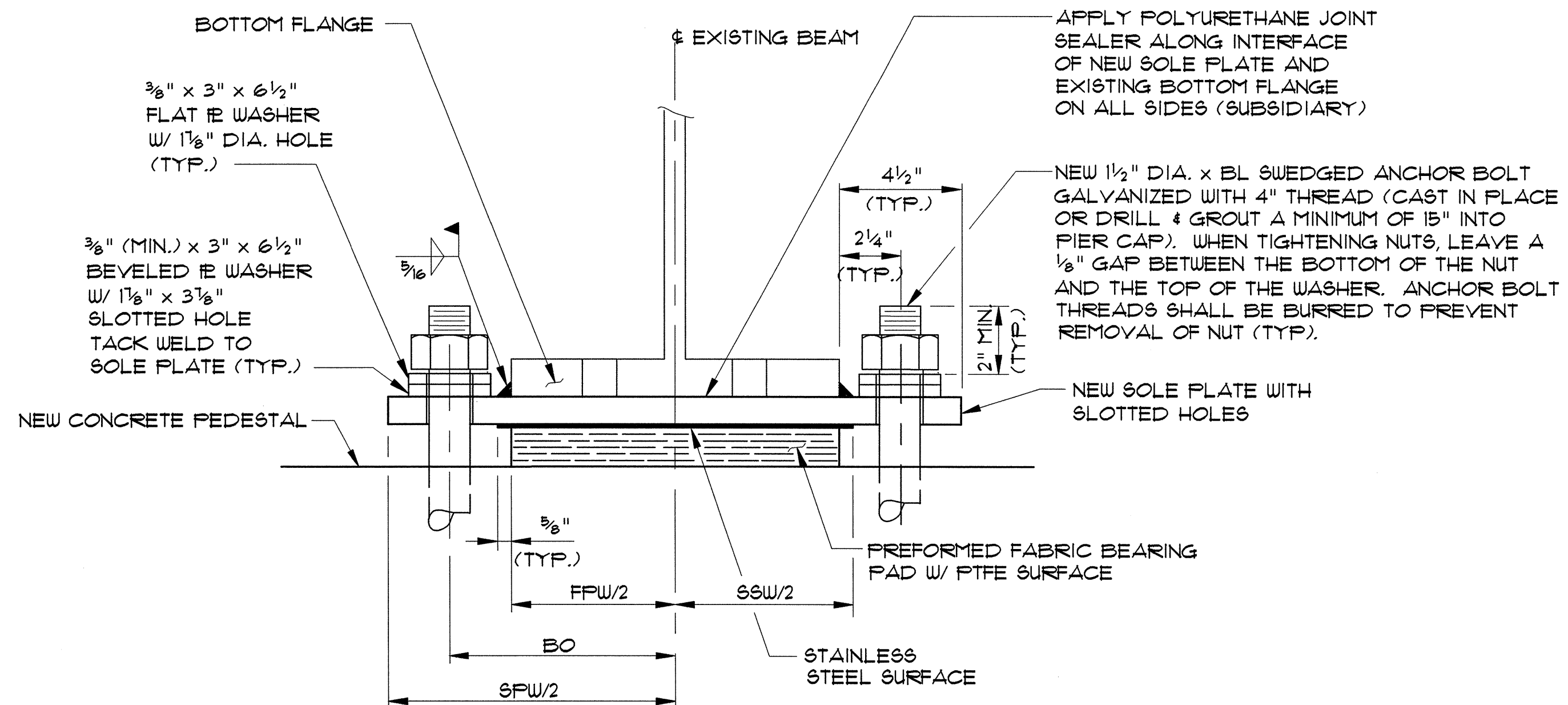




**PLAN VIEW**  
(NEW ANCHOR BOLTS  
NOT SHOWN FOR CLARITY)  
NTS



**SECTION A-A**  
NTS



**SECTION B-B**  
NTS

**DETAILS FOR REPLACING EXISTING EXPANSION AND FIXED BEARINGS  
AT PIERS WITH FABRIC BEARING PADS W/ PTFE SURFACE**

| BRIDGE NO.              | PIER NO. | SPAN NO. | EXIST. EXP. / FIXED | BEAM LINE | SPAN LENGTH | BEAM   | BOTT. FLG. WIDTH (BFW) | FABRIC BRG. PAD WITH PTFE SURFACE |              |             | STAINLESS STEEL |              | SOLE PLATE  |              |               | BEVELED WASHER THICK. |       | NEW * BRG. HEIGHT | ANCHOR BOLT OFFSET (BO) | ANCHOR BOLT LENGTH (BL) | Δ      | "A" DISTANCE |                  |     |     |    |     |     |     |
|-------------------------|----------|----------|---------------------|-----------|-------------|--------|------------------------|-----------------------------------|--------------|-------------|-----------------|--------------|-------------|--------------|---------------|-----------------------|-------|-------------------|-------------------------|-------------------------|--------|--------------|------------------|-----|-----|----|-----|-----|-----|
|                         |          |          |                     |           |             |        |                        | WIDTH (FW)                        | LENGTH (FPL) | THICK (FPT) | WIDTH (SSW)     | LENGTH (SSL) | WIDTH (SPW) | LENGTH (SPL) | THICK. (SPTA) | THICK. (SPTB)         | (WTA) |                   |                         |                         |        | (WTB)        | TEMPERATURE (°F) |     |     |    |     |     |     |
|                         |          |          |                     |           |             |        |                        |                                   |              |             |                 |              |             |              |               |                       |       |                   |                         |                         |        |              | 0                | 15  | 30  | 45 | 60  | 75  | 90  |
| 68                      | 1        | 1        | FIXED               | 1-14      | 54'         | 36WF50 | 12"                    | 12"                               | 10"          | 2½"         | 13¼"            | 13¼"         | 21"         | 14"          | 1"            | ¾"                    | ⅜"    | ½"                | 3⅜"                     | 8¼"                     | 1'-10" | 94°50'48"    | 2⅜"              | 2½" | 2⅛" | 2" | 1⅝" | 1⅜" | 1⅜" |
| 68                      | 1        | 2        | EXP.                | 1-14      | 74'         | 36WF10 | 12"                    | 12"                               | 10"          | 2½"         | 13¼"            | 13¼"         | 21"         | 14"          | ¾"            | 1"                    | ⅜"    | ⅜"                | 3⅜"                     | 8¼"                     | 1'-10" | 93°59'36"    | 2¼"              | 2⅜" | 2⅛" | 2" | 1⅝" | 1⅜" | 1¾" |
| 68                      | 2        | 3        | EXP.                | 1-14      | 74'         | 33WF10 | 12"                    | 12"                               | 10"          | 2½"         | 13¼"            | 13¼"         | 21"         | 14"          | ¾"            | 1"                    | ⅜"    | ⅜"                | 3⅜"                     | 8¼"                     | 1'-10" | 93°00'24"    | 2¼"              | 2⅜" | 2⅛" | 2" | 1⅝" | 1⅜" | 1¾" |
| 68                      | 3        | 4        | EXP.                | 1-14      | 53'         | 36WF50 | 12"                    | 12"                               | 10"          | 2½"         | 13¼"            | 13¼"         | 21"         | 14"          | ¾"            | 1"                    | ½"    | ⅜"                | 3⅜"                     | 8¼"                     | 1'-10" | 92°07'12"    | 2⅜"              | 2½" | 2⅛" | 2" | 1⅝" | 1⅜" | 1⅜" |
| TOTAL NO. OF BRGS. = 56 |          |          |                     |           |             |        |                        |                                   |              |             |                 |              |             |              |               |                       |       |                   |                         |                         |        |              |                  |     |     |    |     |     |     |
| * SEE NOTE 3            |          |          |                     |           |             |        |                        |                                   |              |             |                 |              |             |              |               |                       |       |                   |                         |                         |        |              |                  |     |     |    |     |     |     |

\* SEE NOTE 3.

**NOTES:**

1. PLUG EXISTING HOLES IN BEAM FLANGES WITH POLYURETHANE SEALER (SUBSIDIARY).
2. BURRED THREADS SHALL BE TOUCHED UP WITH ZINC-RICH PAINT AFTER FINAL ASSEMBLY (SUBSIDIARY).
3. BEARING HEIGHT INCLUDES STAINLESS STEEL PLATE.
4. ALL BEARING COMPONENTS ARE NEW EXCEPT AS NOTED.

**STATE OF VERMONT  
AGENCY OF TRANSPORTATION**

Town Of **SOUTH BURLINGTON** Bridge No. **68**  
Highway No. **U.S. 2** Log Sta.   
Surv. Sta.   
U.S. 2 OVER I-89

**BEARING TREATMENT DETAIL 'X'**

Designed By **W.M. MOSHER** Drawn By **B.J. MASSE**  
Checked By **S.M. HODGDON** Date **1/00** Bridge Design Supervisor **C.D. BAKER** Date **1/00**

PROJECT **SOUTH BURLINGTON** PROJECT NO. **IM DECK (36)**  
VHB Cad Drawing No. **50929BTX** Date **1/00**  
Bridge Sheet No. **22 of 75**

VANASSE HANGEN BRUSTLIN, INC.