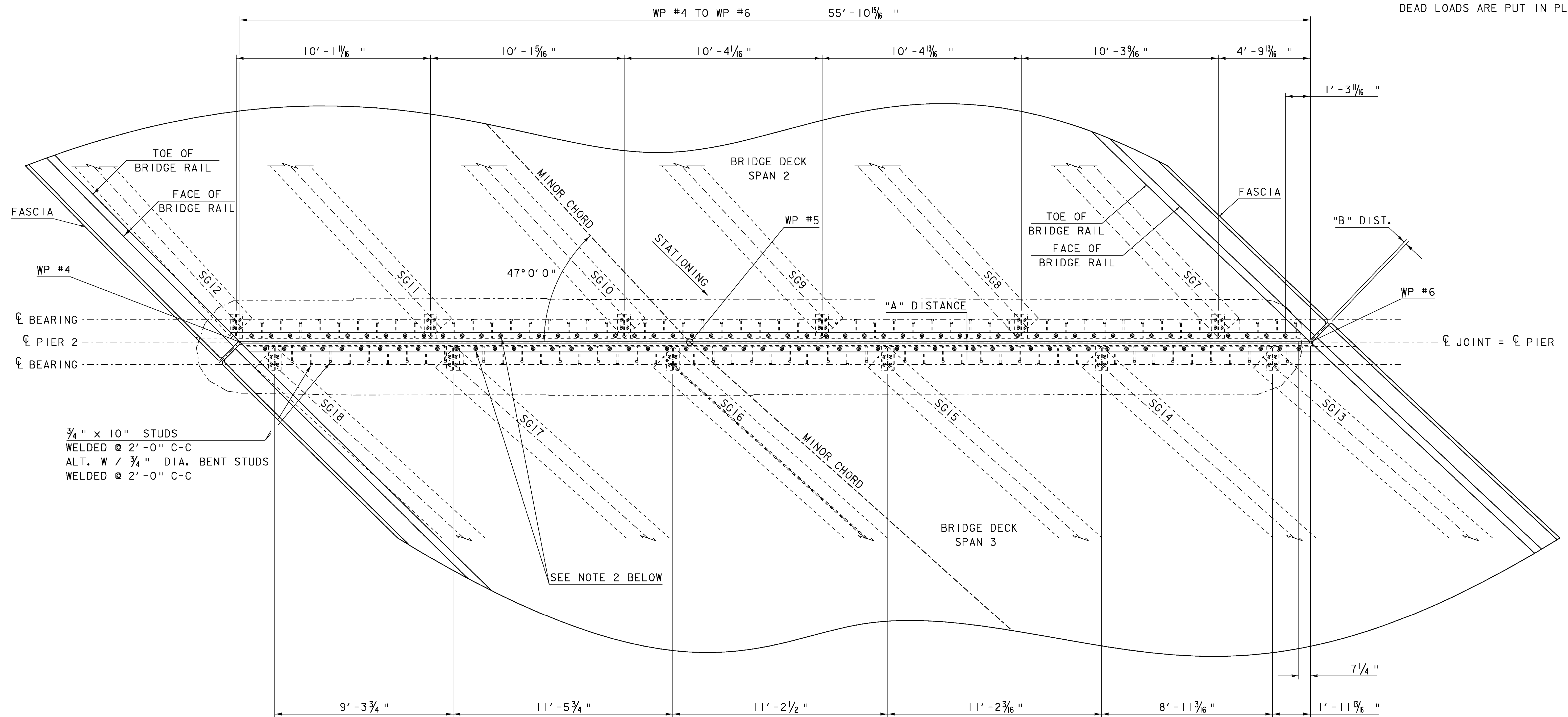


| JOINT WORK POINTS | | | | | | |
|-------------------|------|-----------|--------|------------------|-------------|----------|
| WORK PT. | PIER | STATION | ELEV. | OFFSET | COORDINATES | |
| | | | | | N | E |
| #4 | 2 | 393+78.39 | 690.51 | RT. 16' - 6 1/4" | 36874.04 | 17014.66 |
| #5 | 2 | 393+95.00 | 688.41 | 0 | 36868.82 | 16991.76 |
| #6 | 2 | 394+18.49 | 685.48 | LT. 22' - 6 1/4" | 36861.61 | 16960.15 |

| TEMP | "A" DIST. | "B" DIST. |
|-------|-----------|-----------------|
| 105°F | 1/2" | 11/16" 3/4" |
| 90°F | 5/8" | + 1/8" |
| 75°F | 3/4" | + 1/16" |
| 60°F | 7/8" | + 3/16" 1/4" |
| 45°F | 15/16" | 1 1/4" 1/16" |
| 30°F | 1 1/16" | 1 7/16" 9/16" |
| 15°F | 1 3/16" | 1 9/16" 3/4" |
| 0°F | 1 5/16" | 1 3/4" 15/16" |
| -15°F | 1 7/16" | + 15/16" 2 1/8" |

"A" IS THE SETTING AFTER DEAD LOADS ARE PUT IN PLACE.



- NOTES:
- SEE EXPANSION JOINT DETAILS SHEET FOR TYPICAL SECTION BETWEEN GIRDERS AND TYPICAL SECTION AT GIRDERS.
 - 7/8" DIA. HOLES @ 1'-0" C-C COUNTERBORED 2 1/4" DIA. x 3/4" DEEP.

EXPANSION JOINT @ PIER 2

SCALE 3/8" = 1'-0"

1 0 1 2 3 4

| | |
|--|-------------------------------|
| PROJECT: BERLIN | PROJECT NO.: IM 089-1 (20) |
| DESIGN FILE NAME: s99a270\structures\s99a270vt\joint.dgn | PLOT DATE: 05-DEC-2007 |
| IPARM FILE NAME: s99a270vt\joint2.1 | DRAWN BY: M. FESSEL |
| DESIGNED BY: VAOT | CHECKED BY: R. S. YOUNG |
| SQUAD LEADER: C. P. WILLIAMS | SHEET: 49 OF 104 |
| EXPANSION JOINT @ PIER 2 | |