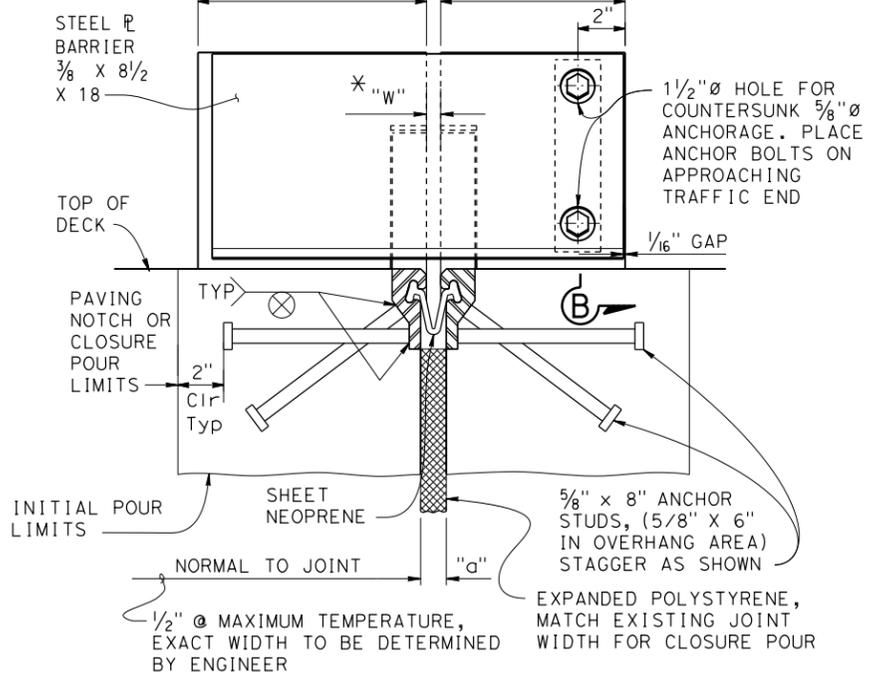


**SCHEMATIC STEEL EDGE MEMBER**

NO SCALE

**NOTES:**

- Alternatively, fillet or complete penetration welds may be used at anchor studs.
- Alternate types of anchor studs may be permitted subject to the authorization by the Engineer.
- Joint seal assembly to be used in conjunction with closure pour. (See other sheets for limits). Closure pour shall not be placed until final deck surface is within the tolerances specified.
- Use joint at crown of roadway, at any change in traverse slope in deck and at changes in horizontal direction. Place other joints at or near lanes. All metal parts to be painted or galvanized after fabrication.
- Sheet Neoprene shall be fabricated in one continuous piece and shall be fabricated to bend around corners. Field splices of the neoprene are not allowed.
- Insert assembly or expansion anchorage for 5/8" x 1 3/4" bolts. Use installation bolts extended 1/2" minimum past nut and coat with bond breaker, after concrete has cured, remove installation bolts, install HS bolts and sheet neoprene.
- Use sidewalk detail at all sidewalk joints. Use barrier detail low side at both sides if the roadway is crowned, or if the difference in elevation between the ends of the seal is 6 inches or less.
- a<sub>c</sub>, a<sub>s</sub>, are the thermal expansion coefficients for concrete and steel respectively.
- Anchor studs shall conform to ASTM 108.



**SECTION A-A**

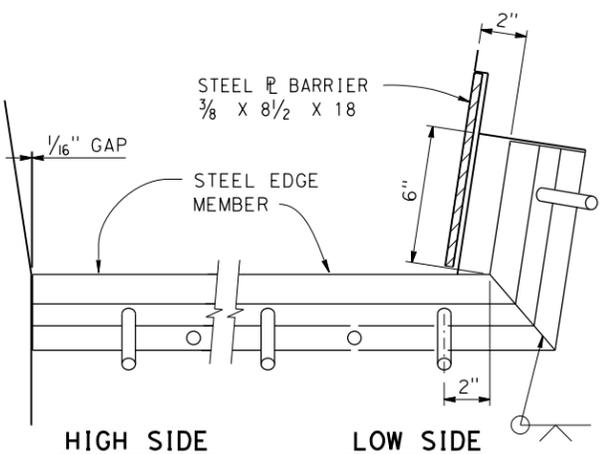
3" = 1'-0"

\* TO SET MINIMUM JOINT OPENING "W"

$$W = \frac{1}{2} + [(\text{Max Str temperature in } ^\circ\text{F}) - (\text{actual Str temperature in } ^\circ\text{F})] * (a_c \text{ or } a_s) * (12)(\text{contributory L in feet})$$

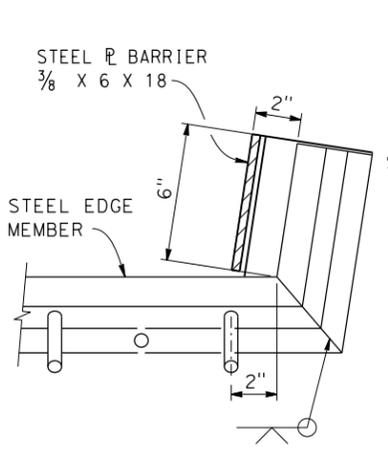
"W" = { 1/2" Minimum  
a<sub>c</sub> = 0.0000060  
a<sub>s</sub> = 0.0000065

| JOINT INFORMATION |                      |      | "a" DIMENSIONS |               |        |
|-------------------|----------------------|------|----------------|---------------|--------|
| LOCATION          | MOVEMENT RATING (MR) | SKEW | WINTER         | SPRING & FALL | SUMMER |
|                   |                      |      |                |               |        |
|                   |                      |      |                |               |        |
|                   |                      |      |                |               |        |
|                   |                      |      |                |               |        |



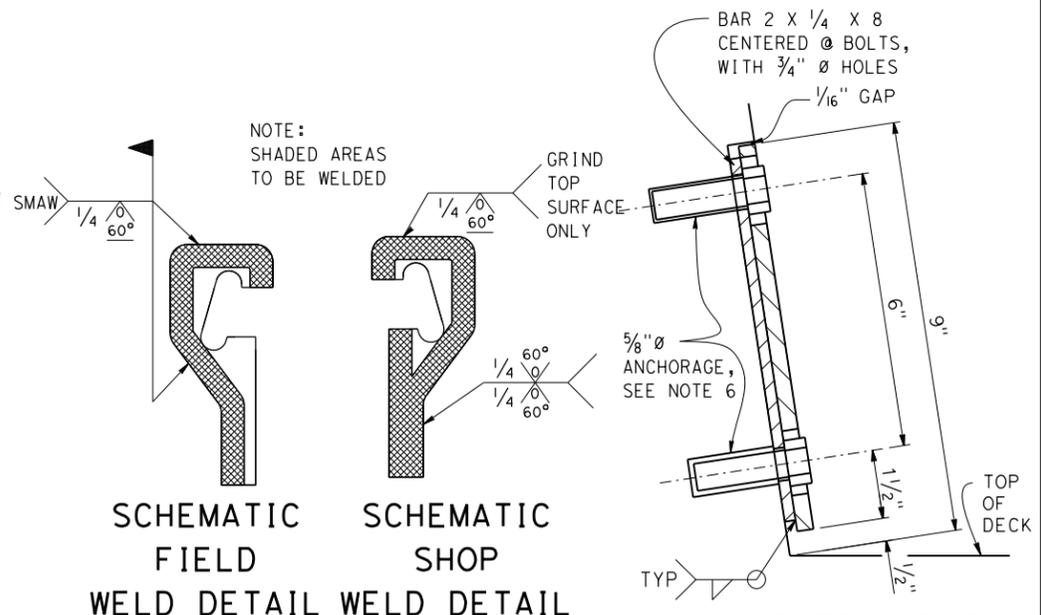
**BARRIER DETAIL**

3" = 1'-0"



**SIDEWALK DETAIL**

3" = 1'-0"



**SCHEMATIC FIELD WELD DETAIL**

NO SCALE

**SCHEMATIC SHOP WELD DETAIL**

NO SCALE

**SECTION B-B**

6" = 1'-0"