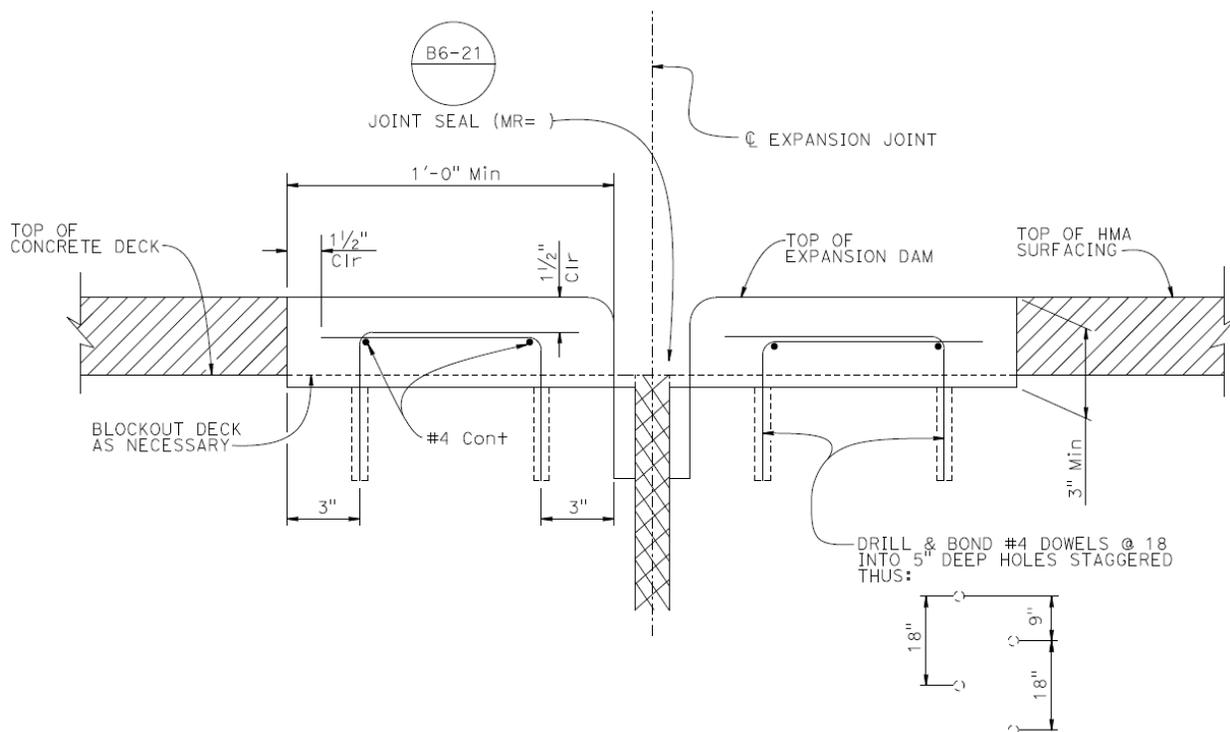




# Bridge Design Details 8.14 January 2023

## Polyester Concrete Expansion Dam



**Figure 8.14.1 Polyester Concrete Expansion Dam**

**Notes:**

1. To be used on bridges with sealed joint seals of  $MR \leq 2"$  when Hot Mix Asphalt (HMA) surfacing is required. Sealed joints may be Type A or Type B as shown in *Standard Plan*.
2. Dam to be constructed after HMA has been placed continuous across blockout.
3. Depth to width of expansion dam is  $\pm 1:4$ .
4. Estimate expansion dam concrete by the cubic foot (quantity estimate includes expansion dam reinforcement and dowels). Joint seal and drill/bond holes are separate bridge items.