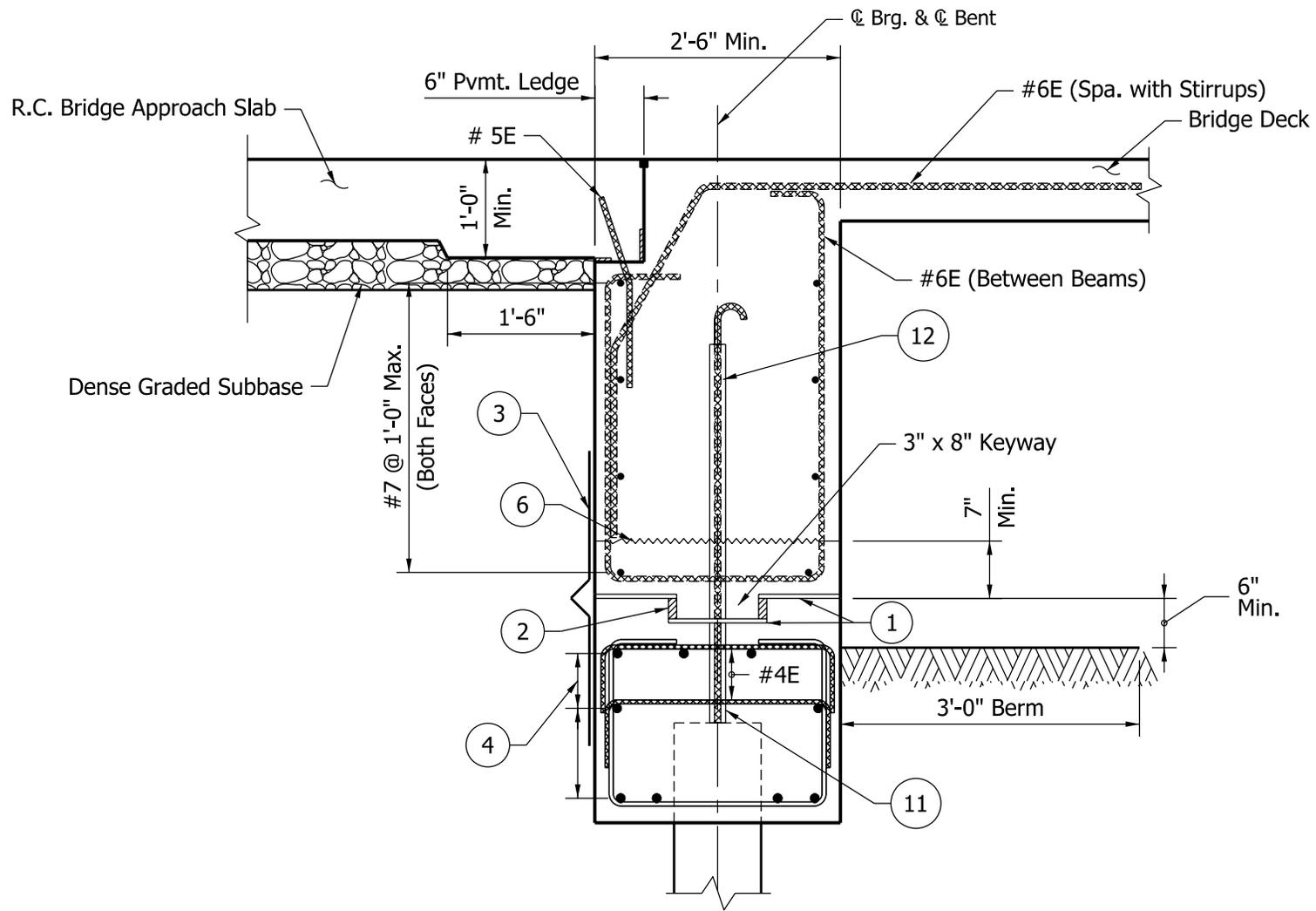


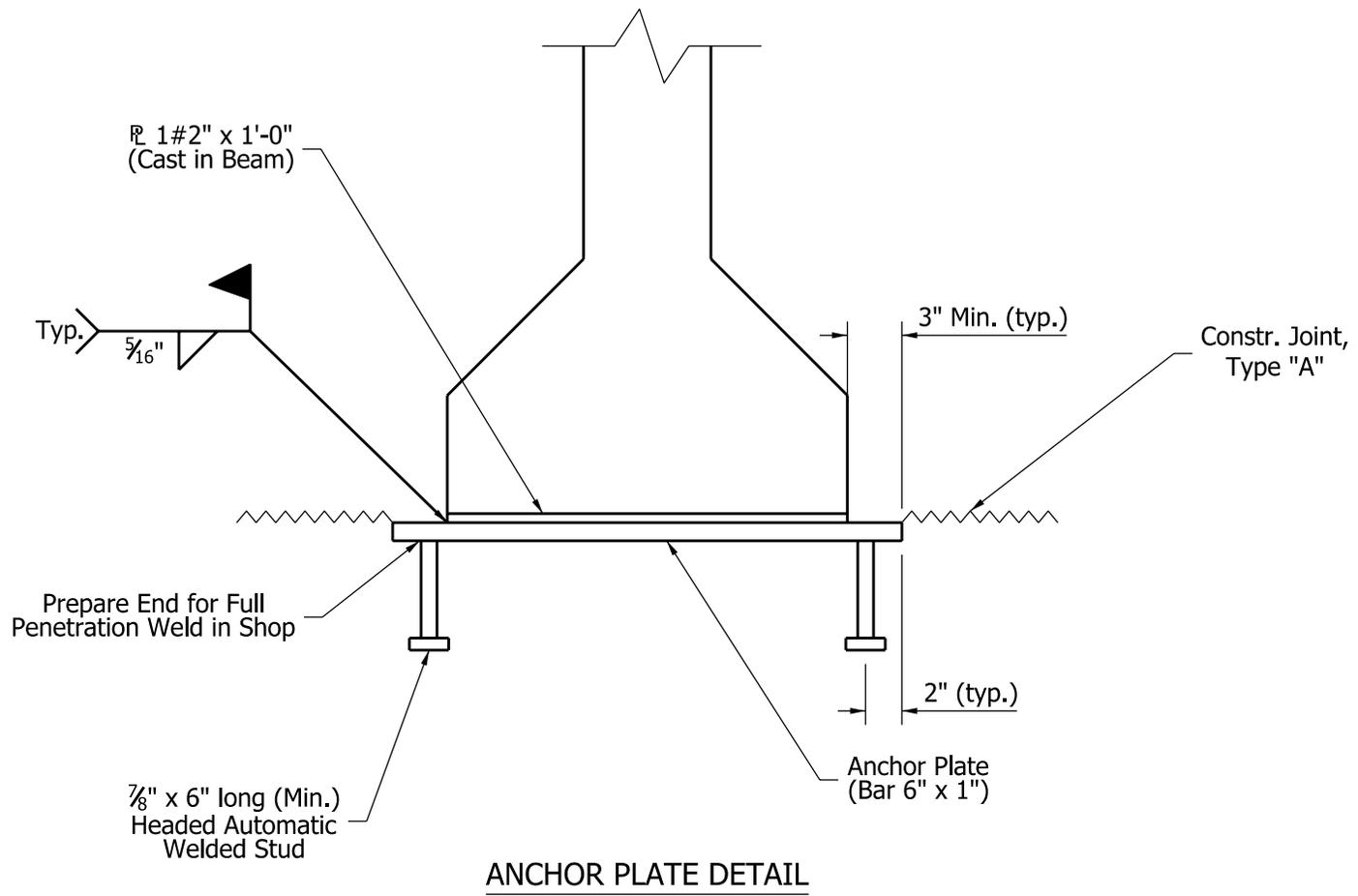
SUGGESTED SEMI-INTEGRAL END BENT DETAILS
(Method 1)



SECTION BETWEEN BEAMS

**SUGGESTED SEMI-INTEGRAL END BENT DETAILS
(Method 1)**

Figure 67-1 C (1)
(Page 2 of 4)



SUGGESTED SEMI-INTEGRAL END BENT DETAILS
 (Method 1)

- ① 3 Layers of medium weight roofing felt with grease between layers over $\frac{1}{8}$ " high-density plastic bearing strip with smooth side up.
- ② Expanded polystyrene, Size to be determined by designer.
- ③ Polychoroprene joint membrane attached to concrete, See Figure 67-1C (3)
- ④ Main cap reinf. Reinforce for dead and live loads. Stirrups size determined by designer, spa. @ 1'-0 min.
- ⑤ Anchor plate, see Detail.
- ⑥ Construction joint type A.
- ⑦ 1" thickness expanded polystyrene, to be extended to $\frac{1}{2}$ " outside limits of beam, so that beam does not come in contact with construction-jointed concrete.
- ⑧ Plate $\frac{1}{2}$ " x 1'-0", full width of beam, cast in beam.
- ⑨ #6E x 6'-0" through 1" \emptyset holes cast in beams, lapped with #7E between beams.
- ⑩ Prestressed strand extension.
- ⑪  #6 reinforcing bar set in 1'-0" depth field-drilled hole filled with epoxy grout, min. pullout 26,500 Lb.
- ⑫  PVC sleeve, size determined by designer.
Top of sleeve to be sealed before concrete is poured.
-  Used only if uplift is expected, or if bridge is in Seismic Zone 2.

SUGGESTED SEMI-INTEGRAL END BENT DETAILS
(Method 1)

Figure 67-1 C (1)
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