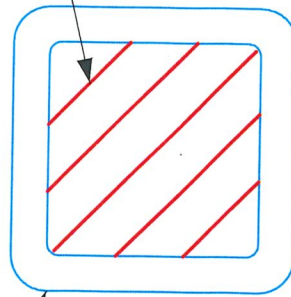


The material notes and details for integral abutment bearing bars as shown in this Appendix may be used as an alternate for the 3"x3" solid steel bar shown in the plans.

The alternate shall be 2'-4½" long. In addition, SAE/AISI 1018 steel will be allowed as a substitute for A36 steel for the 3"x3" bar.

The alternate shown may also be used for the S3x7.5 section matching the lengths shown in the plans.

Concrete Fill



3"x3"x $\frac{3}{8}$ " HSS

Material requirements:

HSS ASTM A501 Gr. 35 or ASTM A500 Gr. B

HSS Concrete Fill  $f'_c = 5.0$  ksi

INTEGRAL ABUTMENT PPCB BEARING OPTION