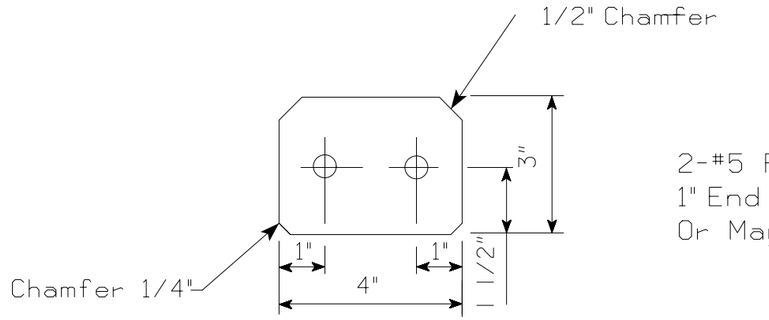
Notes:

The material notes and details for integral abutment bearing bars as shown in this Appendix may be used as an alternate for the 3x3 solid steel bar shown in the plans.
Alternates shall be 2'-4 1/2" long.
In addition, SAE/AISI 1018 steel will be allowed as a substiture for A36 steel for the 3x3 bar.

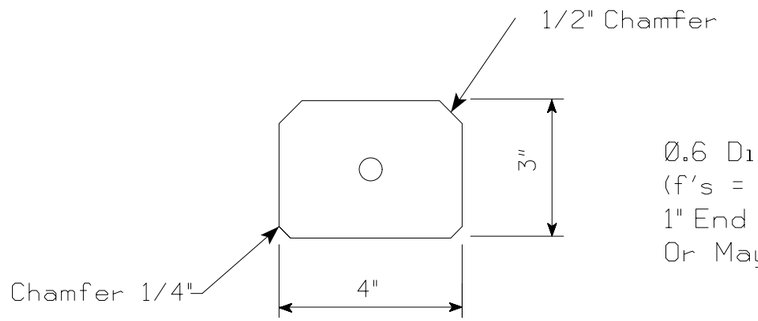
The alternates shown may also be used for the S3x7.5 section matching the lengths shown in the plans.

Material requirements:
Concrete for 3x4 bar f'c = 8.0 ksi.
Non-coated Reinforcing Gr. 60 ksi
Prestressing Steel f's = 270 ksi
HSS ASTM A501 Gr. 35
HSS Concrete Fill f'c = 5.0 ksi



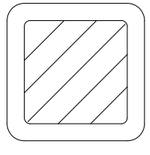
2-#5 Reinf. Bars Gr. 60
1" End Cl. Cov
Or May Be Cut Flush

3x4 HPC (f'c = 8.0 ksi.)



0.6 Dia. Strand Centered
(f's = 270 ksi Non-Stressed)
1" End Cl. Cov
Or May Be Cut Flush

3x4 HPC (f'c = 8.0 ksi.)



3x3x3/8" HSS ASTM A501 Gr. 35
(Concrete Fill, f'c = 5.0 ksi.)

INTEGRAL ABUTMENT PPCB BEARING OPTIONS