Type 2 CRT Breakaway Post inserted into Ground Tube.

Steel Ground Tube

See POSTS Note.

(Tnominal 6"x8"x3'-6"

See DETAIL A

Guardrail Bolt and Two 16 Nails (bent over plate) by 5'-0" long)

(Bearing Plate. See Sheet 2.

Nut with round washer under nut.

12 ga. W-Beam Rounded-End Rail

Cable nut and washer

Section 4" Post No. 1

DETAIL A

8 Splice Bolts

Eight ASTM A527 hex bolts and nuts, 6" by 5/8" with washers.

Steel Ground Tube

See SOIL PLATE DETAIL.

12'-6" W-Beam Terminal Rail

12 ga. W-Beam Terminal Rail with bracket plate.

Type T Anchor Assembly

For specific embedment of std. posts, see SCD GR-1.1.

See SCD GR-1.1 for Type 2 Breakaway CRT Post, Steel Ground Tube, Post Sleeve, Anchor and Bracket Assembly details.

Steel Ground Tube (12'6"

6"x6" by 5'-0" Std. Type 5 Post

12'-6" W-Beam End Section (W6x9.8)

For complete details and specifications, see part descriptions in the AASHTO/AGC/ARTBA Standardized Hardware Guide.

MATERIALS: See SCD GR-1.1 for parts used on this anchor, including The CRT Breakaway Posts, Steel Ground Tube, Post Sleeve, Cable Anchor and Bracket Assembly.

Bearing Plates and Soil Plates is ASTM A509 Grade 36, Steel Ground Tube shall be ASTM A500, Grade B, and meet CMS 707.10. All angles, channels and plates shall meet CMS 711.01. All structural steel shall be galvanized as specified in CMS 711.02. All bolt washers indicated are standard galvanized steel of the appropriate size.

Concrete shall be class C.

Components on this anchor that are not detailed on SCD GR-1.1 include: 1) 6"x6"x2" Round Terminal Rail (standard part PH6RX2G), and 2) 6"x6"x2" Round End Section PH6RX2E. For complete details and specifications, see part descriptions in the AASHTO/AGC/ARTBA Standardized Hardware Guide.

POSTS: Post No. 1 may be an 8'-0" long Steel Ground Tube without a Soil Plate in lieu of the 5'-0" tube with Soil Plate. Post No. 2 can be W6x9 (or W6x8.5) with notched wood blockouts and a standard Type 5 post and blockout. Recycled plastic blockouts are permitted.

PAYMENT:

All labor and materials, including the W-Beam Rounded-End Rail, Assembly and Bracket Assembly, shall be included in the unit price bid for Item 606 - Anchor Assembly, Type T, Each.

ANCHORING OPTIONS: Contractor may choose either the foundation tube option shown in this Sheet or the concrete footing option (Sheet 2) to construct this anchor assembly.

If the foundation tube option is chosen, the contractor will take proper care to ensure that the Soil Plate fasteners are not broken during the driving process.

Concrete footings may be cast-in-place or precast. Compact fill after placing precast unit.

APPLICATION: Use Type T anchor assemblies on the trailing end of guardrail runs, located outside of the clear zone of opposing traffic. The assembly is 6'-6" long, none of which can be considered the Length of Need for the guardrail run.

For termination requirements at driveways, see DRIVEWAY OPENING for Type T Anchor Assembly.

For side road approaches and Terminals of Structures, see Location & Design Manual, Volume 1, Figure 603-1.

NOTES

For termination requirements of driveways, see DRIVEWAY OPENING for the foundation tube shown in this Sheet or the concrete footing option (Sheet 2) to construct this anchor assembly.

(length of cable assembly from top of tube to ground line indicated are standard galvanized steel of the appropriate size.

Concrete shall be class C.

Components on this anchor that are not detailed on SCD GR-1.1 include: 1) 6"x6"x2" Round Terminal Rail (standard part PH6RX2G), and 2) 6"x6"x2" Round End Section PH6RX2E. For complete details and specifications, see part descriptions in the AASHTO/AGC/ARTBA Standardized Hardware Guide.

POSTS: Post No. 1 may be an 8'-0" long Steel Ground Tube without a Soil Plate in lieu of the 5'-0" tube with Soil Plate. Post No. 2 can be W6x9 (or W6x8.5) with notched wood blockouts or a standard Type 5 post and blockout. Recycled plastic blockouts are permitted.

PAYMENT: All labor and materials, including the 6"x6"x2" Round Terminal Rail for the 8'-0" anchor assembly shall be included in the unit price bid for Item 606 - Anchor Assembly, Type T, Each.