**PLAN**

- **Length of Need and End of Payment for Installation:**
  - 6'-3" [1905]
- **MSKT-SP-MGS Terminal**
- **Post #1 Connection Detail**
- **Impact Head Connection Detail**

**ELEVATION**

- **12'-6" [3.81m] Steel Posts, 8' Wood or Composite Blocks and 12 gage W-Beam Required**
- **9'-4 1/2" (G12025) Second Rail**
- **Soil Plate on Downstream Side**
- **Bearing Plate Retainer Tie**
- **Anchor Bracket**
- **First Post Top**
- **First Post Bottom**
- **Impact Head**
- **Traffic**

**GENERAL NOTES:**
1. All bolts, nuts, cable assemblies, cable anchors and bearing plates shall be galvanized.
2. The lower sections of the Posts 1 & 2 shall not protrude more than 4 in (100mm) above the ground (measured along a 6' [1.5m] cord). Site grading may be necessary to meet this requirement.
3. The lower section of the hinged post should not be driven with the upper post attached. If the post is placed in a drilled hole, the backfill material must be satisfactorily compacted to prevent settlement.
4. When competent rock is encountered, a 12" [300mm] post hole, 20 in. (500mm) deep cored into the rock surface may be used if approved by the engineer for Posts 1 and/or 2. Granular material will be placed in the bottom of the hole, approximately 2.5" [60mm] deep to provide drainage. The first and/or second post can be field cut to length, placed in the hole and backfilled with suitable backfill. The soil plate may be trimmed if required.
5. The breakaway cable assembly must be taut. A locking device (vice grips or channel lock pliers) should be used to prevent the cable from twisting when tightening nuts.