Concrete Footing for Breakaway Sign Post

Possible Contract Item:

- Footing in solid rock
- Alternate design

Top of footing to be same slope as design slope when installed in sloping ground.
Top of footing to be same slope as design slope when installed in sloping ground.

FOOTING IN SOLID ROCK

ALTERNATE DESIGN FOOTING IN SOLID ROCK

INSTALLATION NORMAL FOOTING IN EARTH

BREAKAWAY POST INSTALLATION

Concrete Footing for Breakaway Sign Post

<table>
<thead>
<tr>
<th>FOOTING REINFORCING DATA</th>
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<tr>
<td>Post Size</td>
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<td>SI-113</td>
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Construct the footing as shown for normal footing in earth.

Where solid rock is encountered, the alternate design for footing in solid rock may be used with the approval of the Engineer.

Disposal of all excavation for the footing in the area adjacent to the footing and shape to normal ground contour, unless directed otherwise by the Engineer.

Hold the stub post in proper position by an approved device to ensure that it remains in proper position upon completion of concrete placement.

The contract price for size of footing required is full compensation for footing as detailed hereon, including all necessary excavation. Excavation in Unexpected Rock will be paid for according to Article 2524.05, I of the Standard Specifications.

1. Lengths are for normal footings. Required length may vary where alternate rock design is used.
2. Refer to the contract documents for post size.
3. Set vertical bars in solid rock as follows:
   1. Drill holes twice bar diameter and fill with water.
   2. When hole is fully saturated, blow water out and fill two-thirds depth with sand cement mortar.
   3. Insert bar and consolidate mortar.
   4. Fill hole to top with mortar.

New. Combined footing information previously shown on SI-113 and SI-114. Add reference to 2540.05, I in notes.