

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G23.510.2
Issue 1, August, 1955
AT&TCo Standard

GUYING
REMOVAL OF ANCHORS AND GUY RODS

Contents	Page
1. General	1
2. Precautions	1
3. Removal of Anchors	1
4. Removal of Guy Rods	3

1. GENERAL

1.01 This practice sets forth methods and safety precautions to be followed in the removal of anchors and guy rods.

2. PRECAUTIONS

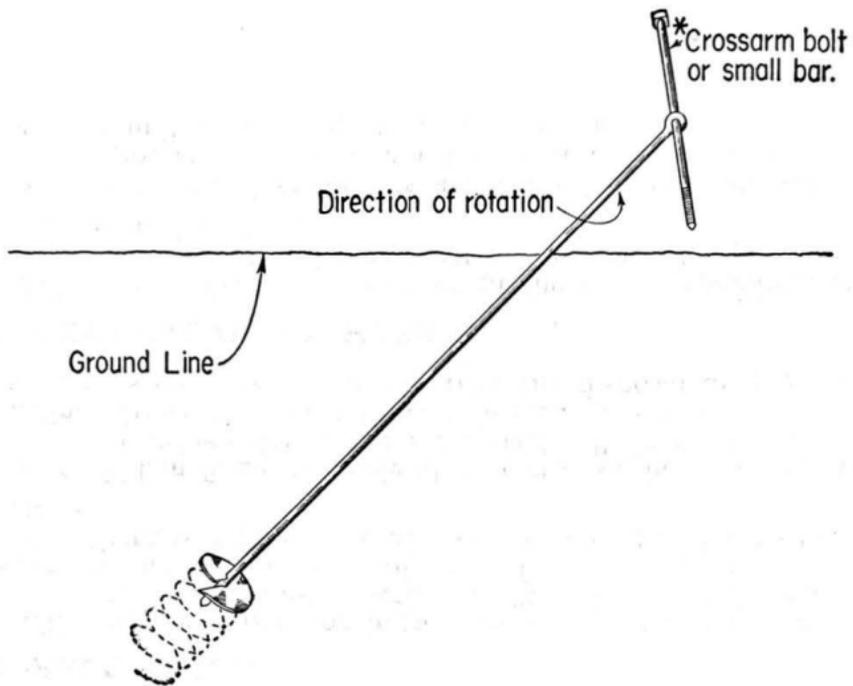
2.01 Safety glasses or impact goggles as described in the section of these practices on "Eye Protection" must be worn in the performance of any of these work operations where there is a possibility of injury to the eyes due to flying objects.

2.02 When filling the hole after a guy rod has been cut off or driven down, tamp the back fill firmly to prevent settling. Holes in pavement and broken pavement should be patched as soon as practicable after the disposal of guy rods.

3. REMOVAL OF ANCHORS

3.01 Generally, patent anchors of the cone, expanding, and plate types and nonpatent anchors of all types should be abandoned in place.

3.02 Where soil conditions are favorable, the integral rod type screw anchor may be removed by unscrewing the complete unit from the ground as shown below.



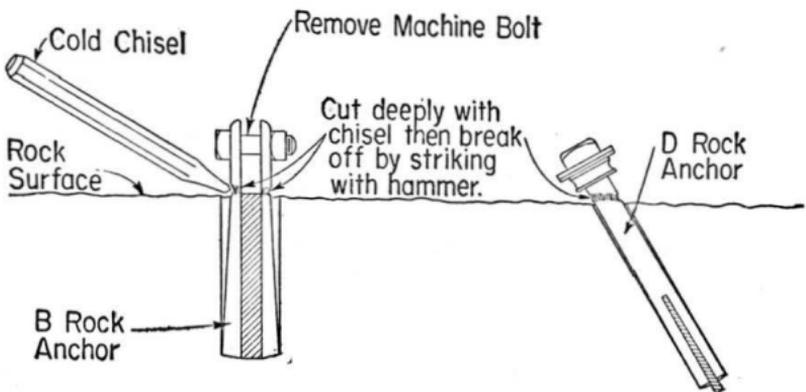
* Where practicable, a mechanical digger of any type which can be operated in reverse together with a suitable anchor adaptor may be used to unscrew anchors of this type.

- 3.03 If removal by the above method is not possible, abandon the anchor in place as follows:
- (1) Dig a hole around the rod 12 to 18 inches in depth and large enough to permit the use of a hacksaw.
 - (2) Cut off eye end of the rod 6 to 12 inches below ground level, depending upon terrain conditions.
 - (3) Refill hole and tamp the earth firmly.
- 3.04 Wrench type screw anchors and swamp anchors may be removed or disposed of as follows:
- (1) Attach a pipe wrench of suitable size and type to the rod or pipe below the eye nut threads so as to turn the anchor in a counterclockwise direction.

(2) Unscrew anchor by means of the pipe wrench until complete unit is removed or until the rod or pipe is unscrewed from the base plate.

(3) If removal can not be accomplished in this manner, dig out and cut off the rod as described in Paragraph 3.03.

3.05 To dispose of rock guy anchors of either type, where they project out from rock which is above the ground level, cut off flush with the rock's surface as illustrated below. Anchors of this type which are in rock below the ground level should be abandoned in place.



4. REMOVAL OF GUY RODS

4.01 A guy rod which is no longer required should be removed or abandoned by one of the following methods:

(1) Place a crossarm bolt or small bar in the eye of the rod and turn in a counterclockwise direction until rod is free of the nut at the base of the anchor. The rod may then be pulled out of the ground.

(2) If the rod can not be unscrewed in this manner and the soil conditions are favorable, it may be driven down and abandoned as follows:

(a) Dig a small hole about 1 foot deep around the rod.

(b) Using a sledge hammer, drive rod through the anchor plate until the eye is 6 to 12 inches below ground level depending upon terrain conditions.

(c) Refill hole and tamp firmly.

(3) Where the above methods of removal are not practicable, dispose of the rod in the manner described in Paragraph 3.03.