

GUYING

LIST OF MATERIALS

1. GENERAL

1.01 Standard names of supplies required in this area for use in Guying Practices are outlined in this section in alphabetical order. These items are listed for the convenience of the field forces in ordering and checking the supply of materials required in connection with placing guys and guy anchors. The principal uses for the various items of material, where not obvious from the name, are also listed. Substitutions shall be made from this list wherever the Guying Practices specify material which has not been standardized in this area.

ANCHORS:

- 6 In. Cone Anchor
- 8 In. Cone Anchor
- 12 In. Cone Anchor
- 6 In. - 1/2 In. Expanding Anchor
- 6 In. - 5/8 In. Expanding Anchor
- 8 In. - 5/8 In. Expanding Anchor
- 8 In. - 3/4 In. Expanding Anchor
- 10 In. - 1 In. Expanding Anchor
- 12 In. - 1-1/4 In. Expanding Anchor

Log Anchor, Spec. E-2434

(Furnished "Bored Only" or "Bored and Notched," in following sizes.)

- 6 In. x 3 Ft., 1 Hole
- 6 In. x 4 Ft., 1 Hole
- 7 In. x 3 Ft., 1 Hole
- 8 In. x 5 Ft., 1 Hole
- 8 In. x 6 Ft., 1 Hole
- 8 In. x 6 Ft., 2 Holes
- 10 In. x 5 Ft., 1 Hole
- 10 In. x 5 Ft., 2 Holes
- 10 In. x 6 Ft., 1 Hole
- 12 In. x 7 Ft., 1 Hole
- 12 In. x 8 Ft., 1 Hole
- 12 In. x 8 Ft., 2 Holes
- 12 In. x 8 Ft., 3 Holes

Plank Anchor (see "Plank")

B Rock Anchor

(One $3/4$ in. x $2-1/2$ in. Machine Bolt furnished with each anchor. Thimble must be ordered separately.)

D Rock Anchor

(One $1-1/4$ in. x $1-3/4$ in. Galv. Sail Thimble and two $1-1/16$ in. x $2-1/2$ in. Washers furnished with each anchor.)

4 In. Solid Screw Anchor

BLOCK:

Tree Block

(For protecting trees where guy is wrapped around the tree.)

BOLTS:

$3/4$ In. x $2-1/2$ In. Machine Bolt

(For use with B Rock Anchor.)

(Length) In. Crossarm Bolt

(Length) In. B Cable Suspension Bolt

(Length) In. x In. Straight Thimble Eye Bolt

(Length) In. x In. Bent Thimble Eye Bolt

(Thimble Eye Bolts are available in $5/8$, $3/4$ and 1 in. diameters and lengths of 10 in., 12 in., 14 in., 16 in. and 18 in. The $5/8$ in. bolts are also available in 8 in. lengths.)

$3-1/8$ In. J Bolt

(For attaching wooden guy guards.)

$4-1/8$ In. J Bolt

(For attaching old crossarms as guy protectors.)

CLAMPS:

One-Bolt Guy Clamp

Three-Bolt Guy Clamp

No. 9591 Square Head Bolt Type Ground Wire Clamp

COMPOUND:

Tree Pruning Compound

FITTINGS:

Sidewalk Guy Set Fittings, No. 548-2

(To be used in placing second guy on existing sidewalk guy fitting of superseded type. Consists of two guy clamp plates for four $1/2$ in. x 3 in. bolts.)

FIXTURE: Sidewalk Guying Fixture
 (Consists of two iron fittings and three attaching bolts. Square Head Set Screws may be used in place of bolts. Order 2 or 2-1/2 In. Galv. Steel Pipe separately.)

GUARD: Guard, Guy, Dwg. L-3764
 (Wood, 2 in. x 4 in. x 8 ft. Equipped with two 3-1/8 in. J bolts.)

HOOK: Guy Hook
 (Available in Half Oval and Rectangular Types.)

INSULATORS: # 0 Strain Insulator
 # 2 Strain Insulator
 # 10 Strain Insulator
 # 25 Strain Insulator

LINK: Strain Insulator Link
 (For connecting 2 or more No. 10 strain insulators in series. Replaces Dual No. 10 Insulator Assembly.)

NAIL: 6D. Galv. Wire Nail
 (For attaching Strain Plates to poles.)

NUTS: (Size) Thimble Eye Nut
 (For use with Straight and Bent Thimble Eye Bolts.)
 (Size) Forged Eye Nut
 (For use with Rock Anchors.)

PAINT: No. 2 Asphalt Paint

PIPE: (Length) Ft. Galv. Steel Pipe, 2 In. or 2-1/2 In.
 (For Sidewalk Guying Fixture.)

PLANK: 20 In. Anchor Plank
 (Hexagonal. Two required for each anchor.)
 24 In. Anchor Plank
 (Rectangular. Two required for each anchor.)

PLATE: Strain Plate

RODS: No. 9428 Copperweld Ground Rod
(1/2 In. x 8 Ft.)
1/2 In. x 7 Ft. Single Thimble Guy Rod
5/8 In. x 8 Ft. Single Thimble Guy Rod
3/4 In. x 9 Ft. Double Thimble Guy Rod
1 In. x 10 Ft. Double Thimble Guy Rod
1-1/4 In. x 10 Ft. Double Thimble Guy Rod

SCREWS: 1/2 In. x 4-1/2 In. Drive Screw
(For attaching Guy Hooks, Guy Straps
and Sidewalk Guying Fixtures to poles.)
1/2 In. x 1 In. Square Head Set Screw
(May be used for attaching fittings
of Sidewalk Guying Fixture to pipe.)

SHIELDS: (Also see listing for "Guard")
Type B Guy Shield
(Regular.)
Type C Guy Shield
(Reinforced.)

STAPLE: Guy Staple

STEP: Spike Head Pole Step

STRAND: 2,200 Lb. Strand
6,000 Lb. Strand
10,000 Lb. Strand
16,000 Lb. Strand
25,000 Lb. Strand

STRAPS: L Guy Strap
(For use with 25,000 lb. guys.)
S Guy Strap
(For use with 10,000 and 16,000 lb.
guys.)
Storm Guy Strap
(For securing 6,000 and 10,000 lb.
storm guys to poles.)

TAPE: 3/4 In. Black Friction Tape
3/4 In. P and B Tape
3/4 In. Ruberoid Insulating Tape

THIMBLES: 5/16 In. Guy Thimble
(For use with one .203 wire or one
2,200 lb. strand guy.)
1/2 In. Guy Thimble
(For use with two .203 wires or one
6,000 lb. strand guy.)
5/8 In. Guy Thimble
(For use with one 10,000 lb. or 16,000
lb. strand guy.)

WASHERS • 3/4 In. x 2-1/4 In. Galv. Square Washer
(Used with Crossarm Bolt.)
3/4 In. x 3 In. Galv. Square Washer
(Used with 1/2-in. Guy Rod for Plank
and Log Anchors.)
7/8 In. x 3-1/2 In. Galv. Square Washer
(Used with 5/8-in. Guy Rod for Plank
and Log Anchors.)
1-1/8 In. x 4 In. Galv. Square Washer
(Used with 3/4-in. Guy Rod for Plank,
Log and Cone Anchors.)
1-1/8 In. x 6 In. Galv. Square Washer
(Used with 1-in. Guy Rod for Plank
and Log Anchors.)
1-3/8 In. x 6 In. Galv. Square Washer
(Used with 1-1/4-in. Guy Rod for Log
Anchor.)
B Galv. Curved Washer
(Used with 5/8-in. Thimble Eye Bolts.)
C Galv. Curved Washer
(Used with 1-in. Thimble Eye Bolts.)
E Galv. Curved Washer
(Used with 3/4-in. Thimble Eye Bolts.)

WIRE: 109 Steel Construction Wire
(For serving ends of 6,000-lb. and
larger guys.)
203 Steel Construction Wire
(For making guys.)
083 Steel Tie Wire
(For serving ends of 2,200-lb. guys.)
No. 6 BRC Solid R Wire
(For grounding guys.)