

GUYING

EXTENDING LENGTH OF OR ADDING ADDITIONAL EYE TO EXISTING GUY RODS

1. GENERAL

- 1.01** This section describes the method of extending the length of or adding an additional eye to existing guy rods.
- 1.02** This section is reissued to correct information in Table A to reflect marked guy rods and to add Table B for unmarked guy rods.
- 1.03** Guy rods can be extended or an additional eye added to existing rods by clamping a guy rod or an S guy bolt to the existing rod.
- 1.04** The *B guy clamp* may be used for 1/2-inch guy rods and the *B guy rod clamp* for 5/8-, 3/4-, and 1-inch guy rods. The B guy rod clamps are not designed to fit or to develop the strength of 1-1/4 inch rods and *should not* be used on rods of this size.

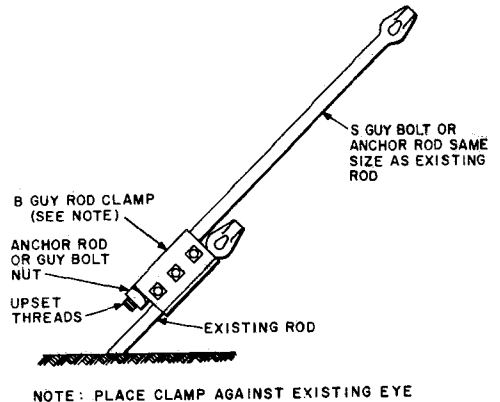


Fig. 1—Extending Length of Guy Rod

- 1.05** Use guy rods or S guy bolts of the same size as the existing rod for the extension or for an additional eye in order for the clamps to close properly.

2. EXTENDING LENGTH OF GUY RODS

- 2.01** A B guy rod clamp may be used to extend the length of an existing rod (Fig. 1).

3. ADDING EYE TO GUY RODS

- 3.01** Where spare guying capacity exists in the anchor and guy rod, an additional eye may be added to the guy rod. Clamp an S guy bolt to the rod with a B guy rod clamp or B guy clamp. The addition of an eye on an S guy rod is illustrated in Fig. 2.
- 3.02** If joint use is involved, one utility company may require two guy strands and the other utility company one guy strand. The guy rod clamp and guy bolt should be so positioned that

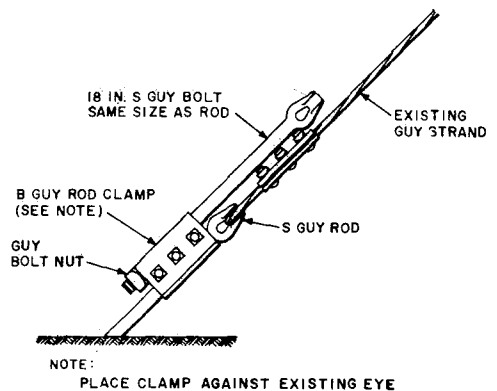


Fig. 2—Adding Additional Eye on S Guy Rod

the utility requiring two guy strands will be able to associate their guys (Fig. 3).

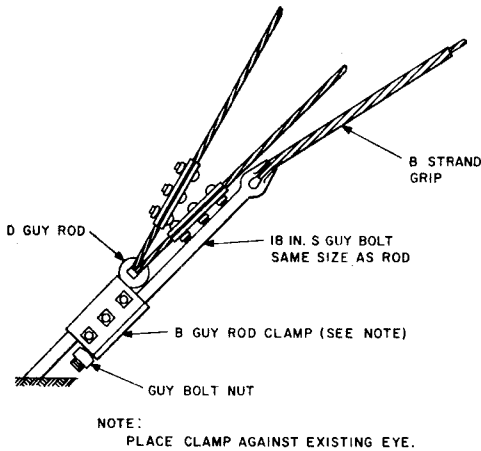


Fig. 3—Adding Additional Eye on D Guy Rod

3.03 The capacity of the various types and sizes of guy rods and the size of guy strand for which the rods are intended is outlined in Section 621-415-200. Any combination of guys may be used, provided they do not exceed the maximum capacities of the marked guy rods listed in Table A. Existing guy rods which are *not marked* with a strand size, should be limited to the strand sizes shown in Table B.

TABLE B
UNMARKED GUY RODS

DIAMETER (INCHES)	LENGTH (FEET)	STRAND SIZE
1/2	7	2.2M
5/8	8	6M or 6.6M
3/4	9	16M
1	10	26M
1-1/4	10	32M

TABLE A
CAPACITY OF MARKED GUY RODS

MARKED GUY ROD				MAX. SIZE OF GUY OR GUYS (POUNDS)
DIA. (INCHES)	LENGTH (FEET)	ROD MARKING	THIMBLE EYE	
1/2	7	6M	Single only	1-2.2M or 1-6M or 1-6.6M
5/8	8	12M	Double only	1-10M or 2-6M or 2-6.6M
3/4	9	18M	Double or Triple	1-16M or 1-6M and 1-10M or 1-6.6M and 1-10M or 3-6M or 3-6.6M
1	10	26M	Double or Triple	1-25M or 2-10M or 1-10M and 1-16M or 1-10M and 2-6M or 1-10M and 2-6.6M