



Gibraltar NCHRP-350 Inspection Checklist

TERMINAL SECTION

- Ensure the anchor post is centered in the hole on stringline, the back of the anchor plate is set no more than 1" above grade, and is set plumb using the cable release post (p. 5)
- Ensure terminal post #1 leans 1 ¼" every 12" out of plumb towards the anchor and the top of the socket is at grade (p. 6).
- Ensure each terminal post socket is set plumb and the top is set at grade. Ensure the terminal posts "open" side is away from the center line (p. 6), and the j-bolts are installed.
- Ensure the cables are set in each j-bolt 1 thru 4 .
- Ensure all fittings are installed correctly with the wedge correctly installed in the acorn fitting (p. 7 & 13), and the anchor terminal fitting threads are fully covering the cable release post plate (p. 7 & 8).

LENGTH OF NEED

- Ensure line post sockets are set plumb with grade, with the short side of socket against the stringline and the top is flush with grade. The center of each socket will be offset 2" from stringling (p. 4). A post can be used to make sure the socket is plumb.
- Ensure posts are set in the sockets with the open C facing the cables, and ensure the hairpin and lockplates are installed correctly in each post (p. 12).
- The posts must alternate on sides of cable throughout the system (p. 10). In some cases, it is not possible to have all the posts alternate sides of the cable. Three posts on the same side of cable is acceptable in these situations. Please contact Gibraltar if this occurs more than once in a single run.
- Ensure each cable of each run has at least one set of cable splice turnbuckles (CSTB). The turnbuckles should be no greater than 2,000 ft apart. (p. 13) Ensure all fittings are installed correctly with the wedge correctly installed in the acorn fitting
- Ensure the cables are all tensioned within 10% of the tension chart shown on the drawings and are noted in a tension log. (p. 14)