

UNDERGROUND CABLE PLACING
ATTACHING PULLING LINE

NOTES CONCERNING THIS ADDENDUM

This addendum supplements Section G55.110.2 and provides instructions for placing a small cable in an occupied duct and for placing coaxial and corrosion protected cables that are not equipped with a pulling eye. Information in the previous addendum is retained.

The cross-reference, "See Addendum" should be written in Section G55.110.2 at 2.01(c) to indicate the addition of new instructions.

2. ATTACHING PULLING LINE

2.01(c) When placing a small cable in a conduit occupied by another cable where the space is restricted and insufficient for a rope loop, cable grip, etc. or where there might be a possibility of a strand or steel rope damaging the existing cable the pulling rope may be attached to the cable in the following manner:

- (1) Remove about 15-inches of armor and core wrapping.
- (2) Separate the cable conductors into 3 parts.
- (3) Splice cable conductors into the end of a 3/8 inch or 1/2 inch manila rope much the same as in making a short straight rope splice.
- (4) Serve the conductor ends into the rope.
- (5) Tape the splice assembly with friction tape.
- (6) Ring the cable about 2 inches from the end.

(7) Where a minimum diameter splice is required the paper insulation may be stripped off the conductors before making the splice.

2.01(d) When placing corrosion protected cable that is not equipped with a pulling eye, the following procedure should be used:

- (1) Remove corrosion protection from the length that will contain the beat-in rings.
- (2) Beat three shallow rings in the sheath about 6 inches apart starting 6 inches from the end. Rings deeper than necessary to provide a firm seat for the wire wrappings should be avoided because excessive beating at the rings will weaken the sheath and cause it to crack with a hard pull.
- (3) Wrap 2 or 3 turns of 109 steel construction wire in each ring, pigtail the ends and lay the pigtail back close to the cable.
- (4) Place the proper size cable placing grip over the end of the cable. Wire the back end of the grip securely to the cable by lacing 109 steel construction wire through the mesh of the grip and around the cable for a distance of a foot or so beyond the end of the grip.

(e) When placing coaxial cable that is not equipped with a pulling eye, the following procedure should be used:

- (1) At points about four inches and five inches from the end of the cable, beat rings into the sheath and secure each ring with two turns of 109 steel construction wire.
- (2) Attach a cable grip as shown in the drawings associated with Paragraph 2.01(b) of Section G55.110.2.