CAD CABLE CLOSURES

1. GENERAL

1.001 This addendum supplements Section 631-604-901NB.

1.002 This addendum is reissued to:

(a) Delete reference of the protected terminal in the CAD 4 closure.

(b) Correct reference of the RGT 25P to RGT 25P1 terminal block.

(c) Correct Table C to add the asterisk after "Pairs Entering"* and "Pairs Leaving"* in the formula; also to doubled if they are 19 gauge or 22 gauge.

(d) Correct Figures 8, 25, 26, 29, 29A, 30, and 30A for improper labeling.

(e) Correct Figure 32 in reference to the RGT $P8^X$ to RGT 8P1 and RGT 25^X to RGT 25P1.

(f) Add Table D to expand on Table A.

(g) Revise Part 3 on Location and Placing.

(h) Clarify making pressure plug in pedestal.

(i) Revise Part 5 on Bonding and Grounding.

(j) Revise Part 7 on Terminating Service Wire.

(k) Delete paragraph 1.05.

The following changes apply to Part 1 of the section:

(a) 1.04 — revised
(b) 1.05 — deleted

1.04 There are three versions of the CAD closure (see Table A). The closures are similar in appearance except for size. The CAD 4, 8 and 12 may be used for non-protected terminations and splicing and the CAD 8 and CAD 12 for protected terminations and splicing. The CAD 4 closure cannot be used with a protected terminal block.

3. LOCATION AND PLACING

The following change applies to Part 3 of the section:

(a) 3.04 — revised

3.07 For back-to-back installation to power company closure, the following procedure should be followed:

NOTE: Prior agreement with the local power company is needed to determine which company will provide the joint mounting post and studs.

(1) Place a 72 inch mounting post (DM72GJ) at the desired height.

(2) Center the J mounting studs (M1-8460) at the desired height on the mounting post. Tighten the studs securely in place with a lock washer and nut on both sides of the post.

(3) Place the second nut, then lock washer on the studs (IBT side of post). Position the nut and lock washer so closure will be drawn tight against them when tightened in place.

(4) Remove the two knock-outs on the back of the CAD closure.

(5) Trim a 1 inch section of the plastic shield away from the mounting holes.

(6) Place the closure onto the studs and tighten in place with a third lock washer, then nut.

(7) Place the remaining nuts and washers on the power company side of the studs and cover exposed threads with the provided plastic caps.

NOTE: The same nut, lock washer arrangement applies when mounting post and studs are provided by the power company.

(8) See Part 5 of this section for bonding instructions.

NOTE: To maintain the same height of the power company closure, it may be necessary to install a 24 inch extension kit on the bottom of the CAD closure. The extension kits, joint mounting studs, and joint mounting posts are available non-stock through Western.

Kit Extension CAD 4, Part #M-9004
Kit Extension CAD 8, Part #M-9005
Package J Mounting Studs, Part #M1-8460
Post 72 Inch Part #DM-72GJ

4. CABLE PLACING

The following change applies to Part 4 of the section:

(a) 4.09 — add

4.04 When required, install pedestal pressure plug per BSP 637-242-902NB, CAD 8 and CAD 12 **only**.

5. BONDING AND GROUNDING

The following changes apply to Part 5 of this section:

(a) 5.06 — revised
(b) 5.07 — added

5.06 The No. 6 ground wire necessary for bonding the closure to the power company neutral, other than back-to-back installation, as required by BSP 629-020-100 and other practices, shall be connected to the L70 lug connector located on the side of the closure housing (Figure 14). The other end of the ground wire will be connected as outlined in BSP 629-020-100 and other practices.

5.07 To provide adequate bonding of cable sheath and closure when power company closure and CAD closure are mounted back-to-back, the following procedure should be followed:

(1) Remove the nut and washer from the L70 lug connector that holds the existing bond braid to the **side** of the closure (Figure 4).

(2) Cut a length of Bond Braid G1267 24 inches.

(3) Make a hole in the center of the braid one inch from one end with a pencil or other sharp object.

(4) Place the braid on the ground lug. Replace washer and nut and tighten securely.

(5) Obtain from IBT Engineering or the local power company, information as to which one of the two joint mounting studs is or will provide a contact to their neutral if information is not shown on work print.

(6) Remove the nut and lock washer from the selected mounting stud.

(7) Make a hole in the center of the other end of the 24 inch braid one inch from the end and place it on the mounting stud.

(8) Place a flat one inch diameter stainless steel washer on the stud followed by the lock washer and nut. Tighten securely.

6. TERMINAL BLOCKS

The following changes apply to Part 6 of the section:

(a) 6.03(c) — Delete reference to the RGT 25P and change to RGT 25P1

(b) Table C — Formula for closing splicing capacity:

Pairs Entering* + Pairs Leaving* + Pairs of Connectors

*Double if 19 or 22 gauge cable.

(c) Figure 8 — Delete reference to B Bond Clamp and change to D Bond Clamp.

(d) Figure 25 — Delete all reference to RGT 8P, RGT 25P terminal blocks change to RGT 8P1 and RGT 25P1 terminal blocks.

(e) Figure 26 — Delete reference to RGT 25P and change to RGT 25P1.

(f) Figure 29 — Delete reference to RGT 25^X and 25^X and change to RGT 25P1 and RGT 25-36.

(g) Figure 29A — Delete reference to RGT 12^X and RGT $P8^X$ and change to RGT 12-36 and RGT 8P1.

(h) Figure 30 — Delete reference to RGT 25^X and change to RGT 12-36 and RGT 12-36.

(i) Figure 30A — Delete reference to RGT $P8^X$ and RGT 12^X and change to RGT 8P1 and RGT 12-36.

(j) Figure 32 — Delete reference to RGT $P8^X$, RGT 12^X, RGT 25^X, and RGT $P25^X$ and change to RGT 8P1, RGT 12-36, RGT 25-36 and RGT 25P1.

(k) Table D — Terminal Block Selection Table — Add.

TABLE D

CLOSURE SIZE	TERMINAL BLOCK			
	NON-PROTECTED		CABLE PROTECTION	
	RGT 12-36	RGT 25-36	RGT 8P1	RGT 25P1
CAD 4 4"W X 50"H	YES	NO	NO	NO
CAD 8 8"W x 50H	YES	YES	YES	NO
CAD 12 12"W X 50"H	YES	YES	YES	YES

7. TERMINATING SERVICE WIRE

The following changes apply to Part 7 of the section:

(a) 7.11 — revised
(b) 7.13 — revised
(c) 7.14 — revised

7.11 Remove the metallic shield of the buried service wire to one inch above the outer sheath. Place the buried service wire in the provided wire clamp with the metallic shield being in the clamp. Place the wire clamp in the bonding bracket and tighten securely as shown in Figures 33 and 33A.

7.13 The B service wire clamp has a maximum capacity of six buried service wires (Figure 33). One additional B service wire clamp may be installed on the bonding bracket.

NOTE: DO NOT USE THE B SERVICE WIRE CLAMP TO BOND TWO PAIR C SERVICE WIRE.

7.14 The AT-7796X, Sixe 6 (Fargo) connector has a maximum capacity of three buried service wires (Figure 33A). The bonding bracket will accommodate a maximum of three Fargo connectors.