CONSTRUCTION NOTES:

NOTE 1:
When dismantling or making adjustments, the shaft shall be shut off at the valve body located at one end of the "C" switch valve.

NOTE 2: SLIDE BAR

The slide bar stroke (L2) may be adjusted by means of the adjusting nut on the end of the pivot rod to obtain equal travel of the slide bar roller on either side of the adjustment screw. The correct position is obtained when the angular position of the slide bar roller is in line with the center of one of the gear pin holes in the tip plate, when the bar is in its respective extreme position.

NOTE 3: ELEVATION CRANK

The maximum operating rod thrust for a switch valve is obtained when the operating arm is adjusted to the shortest possible length to give the necessary switch stroke. One-half inch (1/2") lost motion in the switch shaft is generally considered sufficient.

NOTE 4: FRICTION LOCK

Adjustment of the friction lock spring is obtained when the cleated end of the adjusting screw slides from the top of the friction lock arm, when it is threaded.

NOTE 5: ADJUSTMENT

Loosen the clamping or locking bolt and adjust the position of nuts on the shock and shock rod to obtain the correct position of the shock arm. Insert thrust sheaves in the lock so that they are in contact and with approximately the same clearance on each side of the locking bolt. When the clamp bolt and lock arm are in adjustment and the locking points coincide with the outer edges of the sliding notch.

NOTE 6: POINT DETECTOR BAR ADJUSTMENT

Turn the bar by means of the threaded nut to bring in or out of the gapped portion of the connecting rod with the beveled portion nearest the switch point clear of the point detector roller. The adjustment may be checked by using a J'the to ensure a smooth fit. Lock the adjustment with the lock nut on the connecting rod. Operate the machine to the other extreme position and invert the same relationship between the beveled portion of the adjustable guide on the detector bar and the point detector roller by turning the selected in or out as necessary. Lock the adjustment with these adjustments. 1/4" motion from point detector bar shall shear the friction circuit and 5/16" motion should latch the controller.

NOTE:
Refer to 5E-2000 series drawings for spacing.

PENINSULA CORRIDOR JOINT POWERS BOARD

STANDARD DRAWINGS

SIGNAL AND COMMUNICATION

SWITCH APPARATUS

A-5 E.P. SWITCH MACHINE

TYPICAL SWITCH MACHINE LAYOUT

DATE SIGNOFF

DATE: 09/01/11

SIGNATURES

[Signatures]

[Date]