


- NOTES:
- 1 Two fouling wires are required at heel blocks, on the toe and heel of frog, and between outer rails of turnout.
 - 2 Two bonds are required on each non-insulated rail joint that is part of the fouling circuit.
 - 3 Care must be used in driving staples to secure outer rail fouling wires to be sure staples are neither driven into spikes, nor are driven opposite a spike hole in a tie plate where a spike may be driven later.
 - 4 Paint all bonds and wires in fouling circuit with blaze orange paint if not furnished painted by manufacturer.
 - 5 If rail head bonds on the heel of the switch point are continuously damaged or broken by train wheels, two long bonds made from bondstrand, item 2, and connectors, item 1, shall be used around the joint bars.

ITEM	NAME	REQ	REF	ACCT NO
1	CONNECTOR		9050-1	02-150603
2	BOND STRAND			02-555856
3	BOND, 14"			02-066254
4	BOND STRAND, ORANGE INSL			02-555906
5	PAINT, BLAZE ORANGE			47-300701
6	STAPLE, INSULATED			02-549010

SHEET 1
 CONT'D ON SH 2

CONRAIL  **CS-400-B**

STANDARD
BONDING

FROGS, SWITCH POINTS AND
 FOULING CIRCUITS

JAN 10, 1983

Approved: *[Signature]*
 Chief Engineer CBS

H. B. & C.