

**CODE 958 — SWITCHING SYSTEM MAINTENANCE CENTER
COMMUNICATION TRUNK**

Code 958 provides means for terminating incoming calls at crossbar-type toll switching system maintenance centers.

The switching of intertoll traffic between various No. 4-type toll, crossbar tandem and No. 5 crossbar systems has developed the need for facilities to communicate directly between the equipment maintenance centers of widely separated toll switching offices.

Equipment troubles in a remote office may be responsible for the reactions being experienced on calls between two offices. When there are indications of an intersystem trouble, tracing and clearing may be expedited by the use of this test line for communication between the two maintenance centers involved.

Originating trunk circuits are provided in switching maintenance centers to gain access to the intermediate trunks terminated in the switching equipment.

Outgoing calls to the switching system are originated at test frames or No. 20 and 21 key cabinets. These circuits are provided with dials and consequently dial pulsing is employed on the originating trunk shown on drawing SD-95617-01.

When an outgoing call is to be made, the area code (if necessary), the TTC code for the distant office and the code 958 are dialed from the test frame or switchman's key cabinet. The call is switched through the office where the call originated and it is then switched through the distant office to an incoming trunk which has key and lamp appearances at several points in the maintenance center.

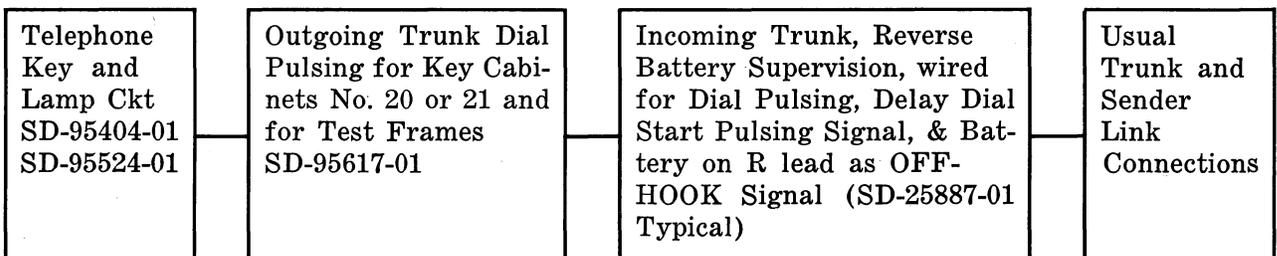
Schematic drawings covering typical originating and terminating arrangements are listed below:

MAINTENANCE CENTER COMMUNICATION CIRCUITS FOR NO. 4-TYPE CROSSBAR

Fig. 1 shows the trunk circuits used on calls from the test frame in a 4A office to the test frame in the maintenance center of another 4A office.

MAINTENANCE CENTER COMMUNICATION CIRCUITS FOR CROSSBAR TANDEM

Calls from crossbar tandem to distant toll switching points may be originated over outgoing intertoll trunks through the facilities of the manual outgoing trunk test circuits. If dial pulsing senders are available the outgoing trunk circuit shown on drawing SD-95617-01 may be used.



Originating Circuits

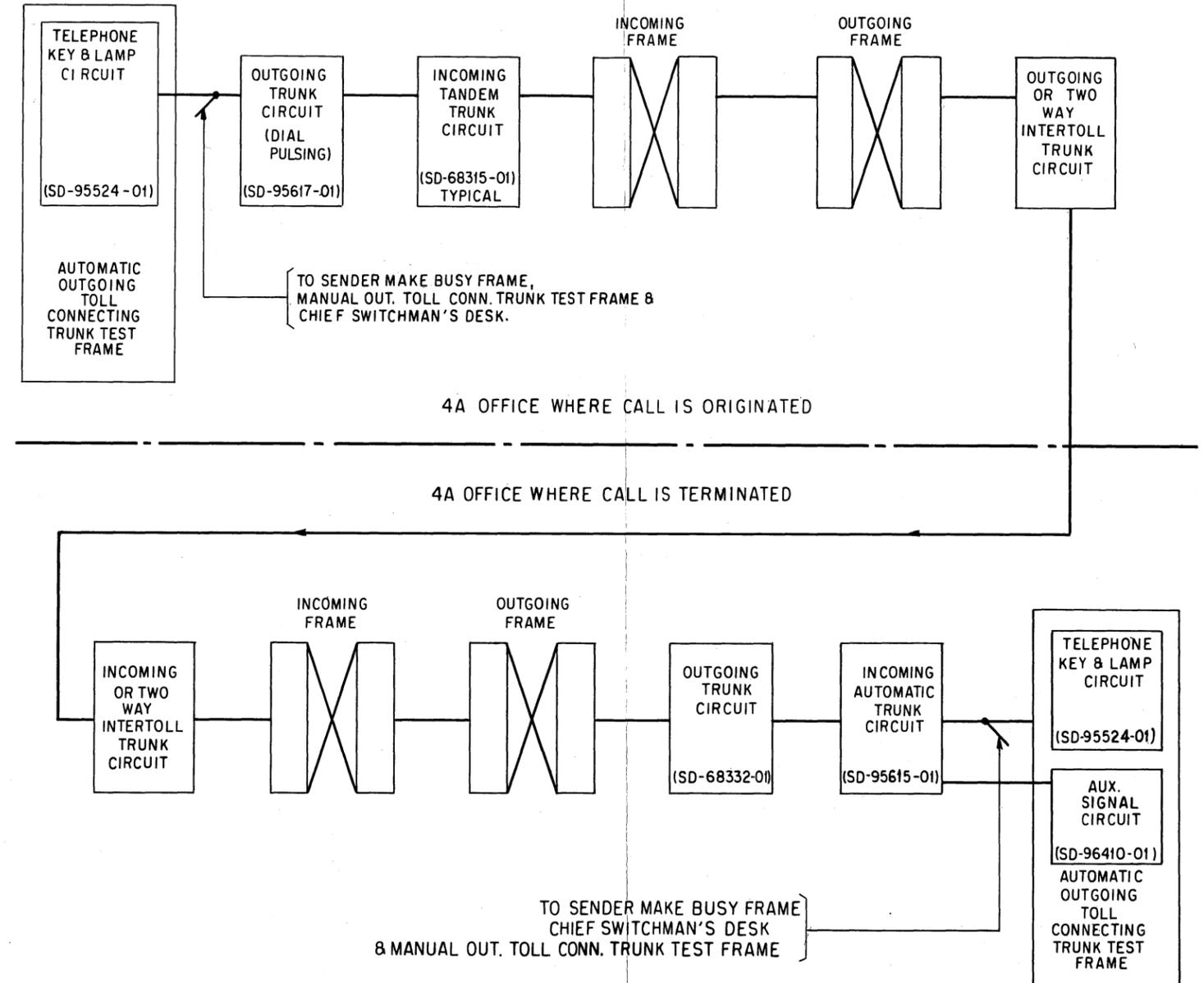
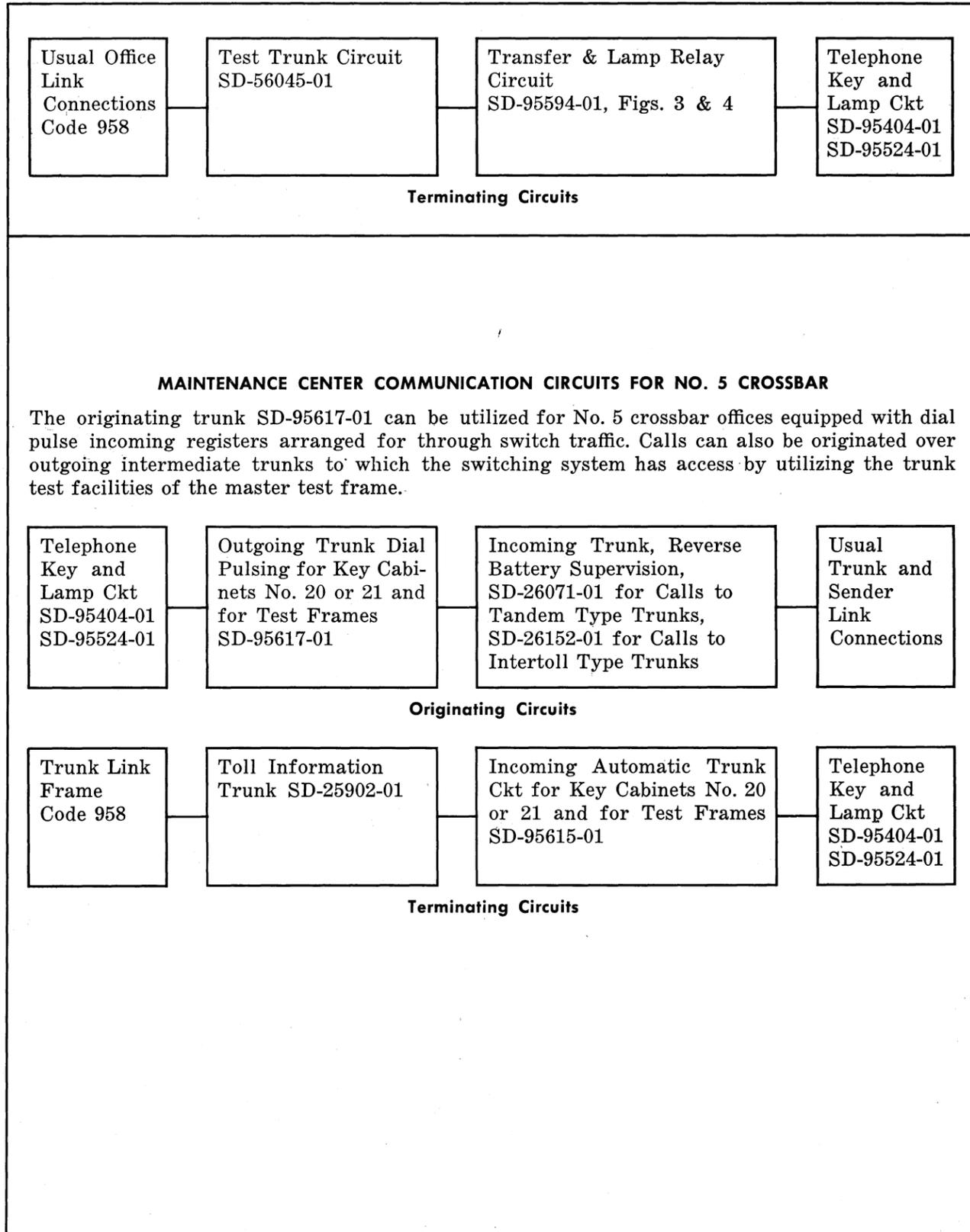


Fig. 1 - Call From Test Frame in a 4A Office to Test Frame in Maintenance Center of Another 4A Office