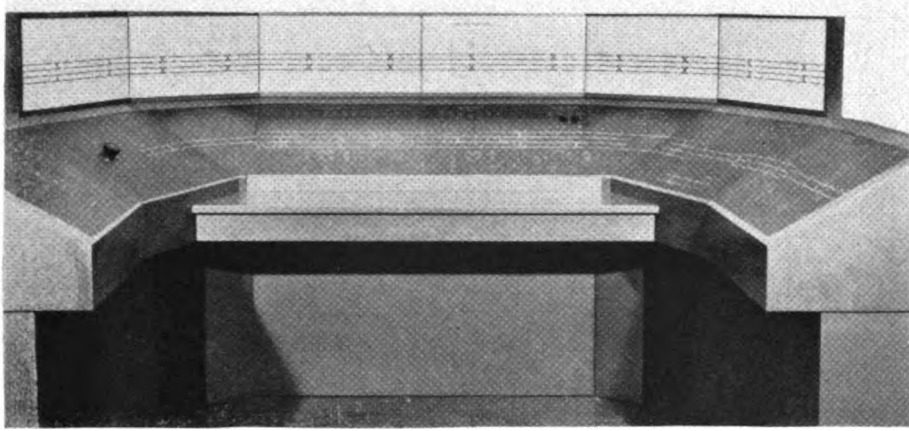


Products on Review



Miniature Track Diagram

A new type miniature track diagram saves nearly $\frac{2}{3}$'s the office space needed for control machines. Extensive track layouts can be represented by small but very legible track diagrams which are silk screened in black against light toned, blue-gray panels. Each panel is covered by a non-glare glass for easy viewing and cleaning. Visibility and color definition of panel lights are excellent, even under high ambient light conditions.

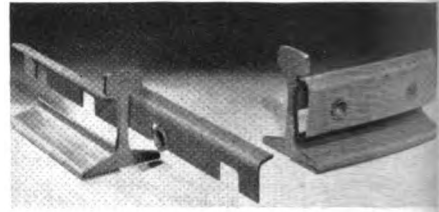
The miniature track layout panels are located above the conventional control knobs, levers, and pushbuttons. Color coding can be used to relate the controls to their particular track diagram, and selector buttons can allow the control machine operator to activate the controls for each section, if desired.

The lamp apertures in the track diagram panel are spaced on .203 in. centers. Plastic inserts over the apertures provide the desired color for each lamp, when lit. The inserts barely show when lamps are not lit. Green, amber, red and opal white inserts are used. Every other lamp in the track diagram indicates opal white. Between each white light is a red light. The white lights, when lit, indicate route line-up, and glowing red lights indicate track occupancy in a section. Green, amber, and red lights are used to show signal indications. Even though alternate lamps are lit during route selection and track occupancy, the indications appear as a closely dotted line.

A honeycomb module holds the lamps which illuminate the various indications on the panel. The module is 2.030 x 1.624 x 11/32 inches. The smooth, bright inner surfaces of the

honeycomb's apertures reflect the light in a concentrated area with minimum loss. Lamp modules may be located anywhere behind the panel to provide miscellaneous information, such as maintainer call, carrier transfer, power interruption, etc.

The 3/10th watt T-1 lamp has a $\frac{1}{8}$ in. diameter. Each lamp in a module is provided with a spring loaded contact placed in a corresponding position on a contact board. The contact board is attached to the back of the module by four cap nuts. "Faston" terminals are employed for speed and ease in making connections or replacements. *General Railway Signal Co., Dept. RSC, P. O. Box 600, Rochester 2, N. Y.*



Track Fibre

Diamond track fibre, developed specifically for the insulation of track joints, conforms to AAR Signal Section specifications for hard fibre. Improvements have been made to give greater compressive strength, greater impact resistance and lower moisture absorption. Diamond track fibre meets all track fibre tests of the AAR. It is processed to individual specifications or supplied in sheet and tube forms for local manufacture. *Continental-Diamond Fibre Corp., Dept. RSC, Newark, Delaware.*

Transistor Data System

A transistor-operated telemetering system for the transmission of data obtained from measuring and detecting equipment at a remote location transmits the information via a line circuit to the office location where meters, pen recorders, or other indicating devices faithfully reproduce the information received.

Designed specifically for use with the Wheel Thermo-Scanner Unit, the GRS system for detecting hot journal boxes, the unit is also adaptable for the transmission of other data, such as the measurement of pressures, liquid levels, voltages, current, flow rates, train speed, or wheel count. The system provides four channels which can be used to transmit four analog signals, four digital signals, and two relay control signals. A relay control signal

