



For information of Railway Staff only

SPECIAL NOTICE

**PERMANENT WAY & SIGNALLING
ARRANGEMENTS**

MUIRHOUSE JUNCTION

RESIGNALLING

(THIS NOTICE NEED NOT BE ACKNOWLEDGED)

GLASGOW, 31st July, 1961

G. L. NICHOLSON,
Traffic Manager.

SIGNALLING RECORD SOCIETY

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MUIRHOUSE JUNCTION—RESIGNALLING.

OPENING ARRANGEMENTS.

The new signalling arrangements shown on the accompanying diagram and described herein will be brought into use in three stages as described below.

Stage 1 will be brought into use in accordance with details which will be shown in Section B of S.W. Notice No. 31 and will be introduced at approximately 5.0 a.m. on Monday, 7th August, 1961.

Stages 2 and 3 will be brought into use separately on dates to be published later.

DESCRIPTION OF SCHEME.

Stage 1.

Pollokshields East Junction signal box will be dispensed with and Muirhouse Junction box will be replaced by a new box on the same side of the line 35 yards on the Strathbungo side of the existing box which will control all points and signals in the area formerly covered by both boxes.

The new block sections will be:—

Glasgow Central—Muirhouse Jn.—Track Circuit Block.

Muirhouse Jn.—Queen's Park—Absolute Block.

Muirhouse Jn.—Maxwell Park—Absolute Block.

The new signalling shown on the accompanying diagram will be brought into use with the exception of Down inner circle signals MJ.73D to MJ.74 inclusive on the Queen's Park line, and Up outer circle signals MJ.65E to MJ.65 inclusive on the Maxwell Park line.

Until Stage 2 of the scheme is carried out the existing Down inner circle distant signal for Pollokshields East Jn. situated below the Down inner circle starting signal for Queen's Park will act as distant for signal MJ.75.

Stage 2.

Queen's Park, Crosshill, Cathcart North Jn. and Cathcart West Jn. signal boxes will be dispensed with and a new signal box will be brought into use at Cathcart for which a separate notice will be issued.

The inner and outer circle lines between Muirhouse Junction and the new box at Cathcart via Queen's Park will be worked by Track Circuit Block.

Down inner circle signals MJ.73D to MJ.74 will be brought into use in this stage.

Stage 3.

Maxwell Park and Pollokshaws East signal boxes will be dispensed with and the inner and outer circle lines between Muirhouse Junction and the new box at Cathcart via Maxwell Park will be worked by Track Circuit Block.

Up outer circle signals MJ.65E to MJ.65 inclusive will be brought into use in this stage.

General.

All running signals will be of the colour light type; ground shunting signals will be of the floodlit type and subsidiary signals of the position light type.

SIGNALLING ARRANGEMENTS.

A description of the application of all new and altered signals shown on the accompanying diagram is as follows:—

RUNNING SIGNALS.

Up outer circle (Maxwell Park line).

No.	Application.
*MJ.65E	To signal MJ.65D.
*MJ.65D	To signal MJ.65C.
*MJ.65C	To signal MJ.65B.
*MJ.65B	To signal MJ.65A.
*MJ.65A	To signal MJ.65.
*MJ.65	To signal MJ.66.
MJ.66R	Outer distant for signal MJ.67 and inner distant for signal MJ.66.
*MJ.66	To signal MJ.67.
MJ.67	To signal MJ.68.
MJ.68	Main signal (no indicator)—to signal MJ.77. Main signal (Left-hand junction indicator)—to signal MJ.70.
MJ.77	To signal G.237.

Down inner circle (Queens Park line).

*MJ.73D	To signal MJ.73C.
MJR.73C	Banner repeater for signal MJ.73C.
*MJ.73C	To signal MJ.73B.
*MJ.73B	To signal MJ.73A.
*MJ.73A	To signal MJ.73.
*MJ.73	To signal MJ.74.
*MJ.74	To signal MJ.75.
MJ.75	To signal MJ.76.
MJ.76	To signal G.237.
G.237	To existing signal G.236.

(This signal will be controlled from both Muirhouse Jn. and Glasgow Central boxes).

Up outer circle (Eglinton Street—Pollokshields).

MJ.83	To signal MJ.81.
(existing Glasgow Central signal G.237 renumbered and now controlled from Muirhouse Jn. box).	
MJ.81	Main signal (no indicator)—to signal MJ.84. Main signal (Right-hand junction indicator)—to signal MJ.72.
MJ.84	Up outer circle starting signal.
(Also distant for Queen's Park box during Stage I).	
MJ.72	Main signal (no indicator)—to Down inner circle. Main signal (Left-hand junction indicator)—to Up Strathbungo line.

*—Automatic signals.

Down Strathbungo line.

No.
MJ.69

Application.

Main signal (no indicator)—to signal MJ.77.
Main signal (Left-hand junction indicator)—to signal MJ.70.

Up Strathbungo line.

SJ.23

Strathbungo Jn. Up home signal.

Down Terminus Junction line.

MJ.70

Main signal—Down starting (also distant for Terminus Jn. box).
Subsidiary signal—shunt ahead along Down line.

Up Terminus Junction line.

MJ.71

Main signal (no indicator)—to Down inner circle.
Main signal (Left-hand junction indicator)—to Up Strathbungo line.

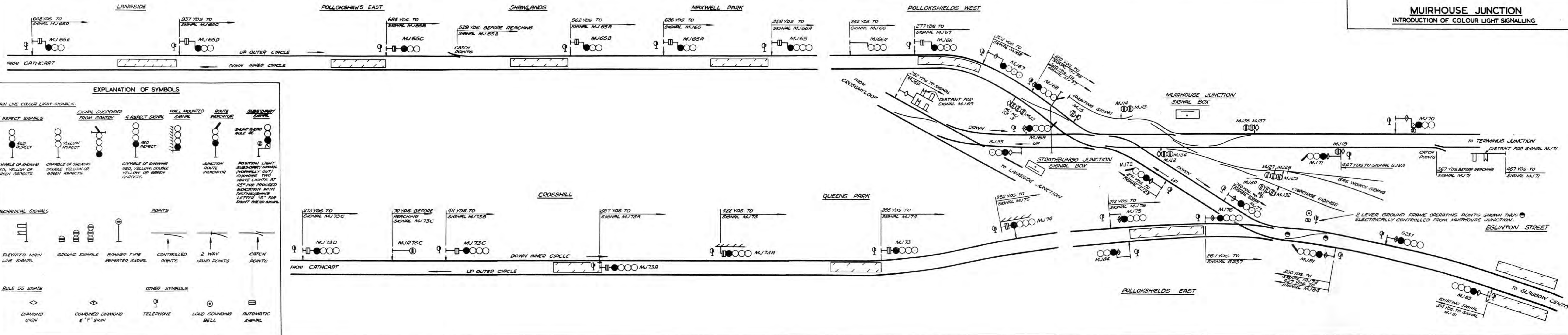
SHUNTING SIGNALS.

MJ.2	Down inner circle to Down Terminus.
MJ.3	Down inner circle to Up outer circle.
MJ.5	Up outer circle to Down inner circle.
MJ.13	Shunting siding to Down Terminus.
MJ.14	Shunting siding to Gasworks or carriage sidings.
MJ.19	Up Terminus to shunting siding.
MJ.23	Up Terminus to Gasworks or carriage sidings.
MJ.27	Gasworks sidings to Up Strathbungo.
MJ.28	Gasworks sidings to Down inner circle.
MJ.29	Gasworks sidings to shunting siding.
MJ.30	Carriage sidings to Up Strathbungo.
MJ.31	Carriage sidings to Down inner circle.
MJ.32	Carriage sidings to shunting siding.
MJ.33	Back along Down inner circle and Up Terminus to signals MJ.23/34.
MJ.34	Up Terminus to Down Terminus.
MJ.36	Down Terminus to Up Strathbungo.
MJ.37	Down Terminus to Down inner circle.

GROUND FRAME ARRANGEMENTS.

The trailing crossover between Up and Down main lines formerly controlled from Pollokshields East Junction box will be controlled from a ground frame, electrically released from Muirhouse Junction box.

MUIRHOUSE JUNCTION
INTRODUCTION OF COLOUR LIGHT SIGNALLING



EXPLANATION OF SYMBOLS

- MAIN LINE COLOUR LIGHT SIGNALS:**
- 3 ASPECT SIGNALS:**
 - RED ASPECT: CAPABLE OF SHOWING RED, YELLOW OR GREEN ASPECTS
 - YELLOW ASPECT: CAPABLE OF SHOWING DOUBLE YELLOW OR GREEN ASPECTS
 - 4 ASPECT SIGNAL: CAPABLE OF SHOWING RED, YELLOW, DOUBLE YELLOW OR GREEN ASPECTS
 - SIGNAL SUSPENDED FROM GANTRY**
 - WALL MOUNTED SIGNAL**
 - ROUTE INDICATOR**: JUNCTION ROUTE INDICATOR
 - SUBSIDIARY SIGNAL**: SHUNT AHEAD SIGNAL (POSITION LIGHT SUBSIDIARY SIGNAL (NORMALLY OUT) SHOWING TWO WHITE LIGHTS AT 45° FOR PROCEED INDICATION WITH DISTINGUISHING LETTER 'S' FOR SHUNT AHEAD SIGNAL)
- MECHANICAL SIGNALS:**
- ELEVATED MAIN LINE SIGNAL
 - GROUND SIGNALS
 - BANNER TYPE REPEATER SIGNAL
 - CONTROLLED POINTS
 - 2 WAY HAND POINTS
 - CATCH POINTS
- RULE 55 SIGNS:**
- DIAMOND SIGN
 - COMBINED DIAMOND & 'T' SIGN
- OTHER SYMBOLS:**
- TELEPHONE
 - LOUD SOUNDING BELL
 - AUTOMATIC SIGNAL