



SPECIAL NOTICE

**PERMANENT WAY AND
SIGNALLING ARRANGEMENTS**

NEWTON

RE-SIGNALLING

(THIS NOTICE NEED NOT BE ACKNOWLEDGED)

**June, 1991
GLASGOW**

**By order of
OPERATIONS MANAGER
ScotRail**

SIGNALLING RECORD SOCIETY

www.s-r-s.org.uk

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NEWTON RE-SIGNALLING

OPENING ARRANGEMENTS

The altered permanent way and signalling arrangements shown on the accompanying diagram and described herein will be brought into use in two stages:—

Stage 1—Sunday, 9 June, 1991
(Hamilton and Kirkhill lines)

Stage 2—Sunday, 23 June, 1991
(West Coast main lines)

OVERHEAD LINE EQUIPMENT

Overhead line equipment will be repositioned relative to the altered layout of the permanent way at "Stage 1" and at "Stage 2" of Newton Re-Signalling, and all staff are reminded that ALL lines, including the North and South connecting lines and the Turnback siding, must continue to be regarded as being ALIVE at high voltage (25,000 volts) at all times.

DESCRIPTION OF SCHEME

Stage 1—(Hamilton and Kirkhill lines)—Sunday, 9 June, 1991

The lower half of the enclosed sketch (marked "Stage 1") applies.

The area between Burnside station (exclusive) and Newton West Junction (exclusive) previously controlled by Cathcart signal box will now be controlled by Motherwell signalling centre.

The single connecting line at Newton West Junction between the Down main line and the Up and Down single Kirkhill line will be designated the Up and Down North connecting line. The facing connection Down Kirkhill single line to Down North connecting line will be secured normal out of use pending the commissioning of "Stage 2", and no signal routes will be available over the North connecting line.

The single connecting line at Newton East Junction between the Down main line and the Up Kirkhill line will be designated the Up and Down South connecting line. The facing connection Up Kirkhill to Up South connecting line will be secured normal out of use pending the commissioning of "Stage 2", and no signal routes will be available over the South connecting line.

The Up and Down Kirkhill lines in the Newton station area will both become bi-directional.

The former Down siding will be removed and a new siding will be provided leading from the Up Hamilton line, and designated Turnback siding.

Method of Working

The Track Circuit Block regulations will continue to apply throughout the whole area concerned.

West Coast main lines

The Up and Down main lines between Cambuslang and Uddingston will be under the Engineer's Absolute Possession from Sunday, 9 June until the commissioning of "Stage 2", and the permanent way and signalling details shown on the enclosed sketch and marked "Stage 2" will not apply at "Stage 1" of this scheme.

Stage 2—(West Coast main lines)—Sunday, 23 June, 1991

The upper half of the enclosed sketch (marked "Stage 2") will apply (together with the details shown as "Stage 1" and already brought into use).

The North and South connecting lines will be brought into use, together with the connections Down Kirkhill single line to Down North connecting line, and Up Kirkhill line to Up South connecting line, and signal routes through these connections will become available.

Method of Working

The Track Circuit Block regulations will continue to apply throughout the whole area shown on the enclosed sketch.

SIGNALLING ARRANGEMENTS

The description of all new signals shown on the accompanying diagram is as follows:—

Signals prefixed by the letter "M" will be controlled from Motherwell signalling centre.

The application of all running signals with the exception of those detailed below is to the next signal capable of displaying a red aspect.

STAGE 1**RUNNING SIGNALS**

Signal	Aspect	Route Indication where provided	Application To or towards
UP KIRKHILL			
M142	Main	Position 1 Junction Indicator	M156
	Main	—	M154
	Position Light	'U'	Up Kirkhill
	Position Light	'D'	Down Kirkhill
M147	Main	—	M143
	§ Main	Position 4 Junction Indicator	M137
	§ Position Light	'X'	Up Main LOS
M156	§ Main	Position 1 Junction Indicator	M166
	Main	—	M174
	§ Position Light	'L'	South connecting line
	Position Light	'S'	Turnback siding
	Position Light	'H'	Up Hamilton
DOWN KIRKHILL			
M145	Main	—	M143
	§ Main	Position 4 Junction Indicator	M137
	§ Position Light	'X'	Up Main LOS
M154	§ Main	Position 1 Junction Indicator	M166
	Main	—	M174
	§ Position Light	'L'	South connecting line
	Position Light	'S'	Turnback siding
	Position Light	'H'	Up Hamilton
DOWN HAMILTON			
M179	Main	—	M145
	Position Light	—	Down Kirkhill

POSITION LIGHT SIGNALS

Signal	Route Indication where provided	From	Application Towards
M144	'U'	Down Kirkhill	Up Kirkhill
	'D'		Down Kirkhill
M161	'D'	Up Hamilton	Down Kirkhill
	'U'		Up Kirkhill
M163	'D'	Turnback siding	Down Kirkhill
	'U'		Up Kirkhill

STAGE 2 RUNNING SIGNALS

Signal	Aspect	Route Indication where provided	Application To or towards
UP MAIN			
M138	Main	—	M148
	Main	Position 4 Junction Indicator	M146
DOWN MAIN			
M139	Main Position Light	— 'X'	M137 Up Main LOS
M171	Main	Position 1 Junction Indicator	M165
	Main	—	M159
UP AND DOWN NORTH CONNECTING LINE			
M146	Main	Position 1 Junction Indicator	M156
	Main Position Light	— 'U'	M154 Up Kirkhill
	Position Light	'D'	Down Kirkhill
UP AND DOWN SOUTH CONNECTING LINE			
M165	Main	'D'	M145
	Main	'U'	M147
	Position Light	'D'	Down Kirkhill
	Position Light	'U'	Up Kirkhill
M166	Main	Position 1 Junction Indicator	M178

POSITION LIGHT SIGNALS

Signal	Route Indication where provided	From	Application Towards
M168	—	Down Main	Up Main
M173	'L'	Up Main	Down South connecting line
	'M'		Down Main

AWS EQUIPMENT

AWS track equipment is provided as outlined on the accompanying diagram and is shown immediately on the approach side of the signal to which it applies.

A single arrowhead associated with the symbol indicates that the equipment is operative only for the direction shown.

A double arrowhead indicates the equipment is operative for both directions.

TELEPHONES

Although not shown on the accompanying diagram, telephones with black and white diagonal striped signs will be provided at all new signals capable of displaying a red aspect except where shown below.

The following signal will not be provided with a telephone:—

M135 (L.O.S.)

Telephones with St. Andrews Cross signs will be provided in accordance with regional practice.

