

SCOTRAIL [≠]

SPECIAL NOTICE

PERMANENT WAY AND SIGNALLING ARRANGEMENTS

COWLAIRS/SIGHTHILL JN.

PROVISION OF CHORD LINE

(THIS NOTICE NEED NOT BE ACKNOWLEDGED)

**September, 1993
GLASGOW**

By order of
S. B. LANE
OPERATIONS MANAGER, SCOTRAIL

SIGNALLING RECORD SOCIETY

www.s-r-s.org.uk

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COWLAIRS/SIGHTHILL JN
PROVISION OF CHORD LINE

OPENING ARRANGEMENTS

The altered permanent way and signalling arrangements shown on the accompanying diagram and described herein will be brought into use as follows :-

SUNDAY 5 SEPTEMBER, 1993 - Commissioning of Chord line and all associated signalling at Cowlairs and Sighthill Jn.

All connections to or from the sidings at Cowlairs (West Jn.) will be secured out of use.

SUNDAY 3 OCTOBER, 1993 - Reinstatement of siding arrangements at Cowlairs (West Jn.) and all associated routes previously secured out of use.

DESCRIPTION OF SCHEME

The main lines, Springburn lines and branch passenger lines between Sighthill Jn. and Cowlairs will be designated Up and Down Springburn lines throughout.

A new single line, designated Up and Down Chord line, will be brought into use on an alignment connecting the main (E&G) lines and the Springburn lines.

The connection in the Down Passenger loop, at the Queen Street end, previously secured out of use, will be reinstated and the Chord line will form a continuation of this connection, facing to Up direction trains.

A new single junction will be brought into use on the Springburn lines, facing to Up direction trains, where the Chord line connects into the Springburn lines, immediately on the Cowlairs side of Springburn station.

The connections between the Chord line/Down Cowlairs Passenger loop and the Down main line will be known as "COWLAIRS SOUTH JUNCTION", controlled from Cowlairs box.

The junction between the Chord line and the Up and Down Springburn lines will be known as "SIGHTHILL WEST JUNCTION", controlled from Sighthill Jn. box.

The existing junction between the Springburn lines, branch lines and the Arrival/Departure line, at Springburn station, will be known as "SIGHTHILL EAST JUNCTION".

BI-DIRECTIONAL WORKING WILL APPLY ON THE UP AND DOWN SPRINGBURN LINES BETWEEN SIGHTHILL EAST JN. AND SIGHTHILL WEST JN. STAFF REQUIRING TO GO ONTO THESE LINES MUST EXERCISE PARTICULAR CARE AS TRAINS MAY APPROACH FROM EITHER DIRECTION ON EACH LINE.

Revised signalling arrangements to/from the sidings at Cowlairs (West Jn.) will be brought into use.

METHOD OF WORKING

The Track Circuit Block Regulations will apply on the Up and Down Chord single line.

SIGNALLING ARRANGEMENTS /...

SIGNALLING ARRANGEMENTS

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

Signals prefixed by the letter "C" will be controlled from Cowlairs signal box.

Signals prefixed by the letter "S" will be controlled from Sighthill Jn signal box.

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

The undernoted signalling alterations will be carried out in conjunction with the commissioning arrangements at the locations shown.

COWLAIRS SUNDAY 5 SEPTEMBER

The No.6 junction route indicator on signal C22 (Up main) and the No.5 junction route indicator on signal C23 (Down main, Up direction), previously provided but not commissioned, will be brought into use, application as shown on the accompanying diagram.

The application of signal C45 (Down Springburn) to signal S69 will be altered to be to signal S103 (see below).

The application of ground position light signal C14 (Up Springburn) will, at this stage, be back along Up Springburn line. A theatre route indicator will be provided displaying a "X" indication.

SUNDAY 3 OCTOBER

Signal C8, at the exit from No.2 siding, will be renewed as a ground position light signal, located opposite existing signal C10 (No.3 siding/Carriage sidings exit), application as detailed on the accompanying diagram.

A new ground position light signal, plated C12, will control movements from No.1 siding, located opposite renewed signal C8, application as detailed on the accompanying diagram.

The application of ground position light signal C14 (Up Springburn) will be altered as detailed on the accompanying diagram.

SIGHTHILL JN SUNDAY 5 SEPTEMBER

Existing Down Springburn signal S69 will be replated S103.

Up Springburn signal S32 will display an additional indication "1" when the route to signal S102 is cleared.

Ground /...

SIGNALLING ARRANGEMENTS (CONT'D)
SIGHTHILL JN (CONT'D)
SUNDAY 5 SEPTEMBER (CONT'D)

Ground disc signal 75 (Down Springburn) will be repositioned 170 yards nearer the box, application unaltered.

An additional telephone with a black and white diagonal striped sign, for signal S55 (Up Springburn, Down direction) at Springburn station, will be provided midway along platform No.1.

All other arrangements, as shown on the accompanying diagram, will be introduced on this date.

YOKER SC
SUNDAY 5 SEPTEMBER

A  sign will be provided on signal YS212 (Up Springburn), application unaltered.

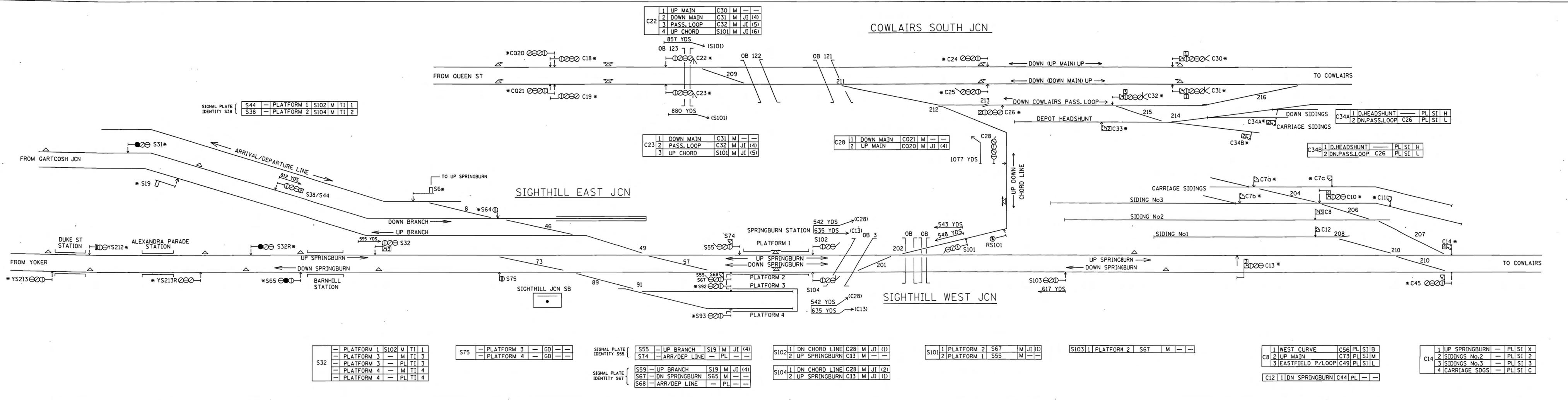
AWS EQUIPMENT

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.

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.

A telephone with a St. Andrew's Cross sign will be provided at Sighthill West Jn. (Up side), giving communication with Sighthill Jn. box, to facilitate emergency operation of the junction points during failure.



EXPLANATION OF SYMBOLS

- MAIN LINE COLOUR LIGHT SIGNALS**
- ⊙ GREEN ASPECT
 - ⊙ YELLOW ASPECT
 - ⊙ RED ASPECT
 - ASPECT BLANKED OUT
- POSITION LIGHT/SHUNTING SIGNAL**
- ⊙ POSITION LIGHT (NORMALLY OUT) PROCEED ASPECT - 2 WHITE LIGHTS AT 45°
 - ⊙ GROUND MOUNTED MAIN ASPECT
 - ⊙ GROUND MOUNTED POSITION LIGHT
- BANNER REPEATER**
- ⊙ BANNER HORIZONTAL - SIGNAL 'ON' BANNER AT 45° SIGNAL 'OFF'
- MISCELLANEOUS**
- ⊙ AUTOMATIC SIGNAL
 - ⊙ SAND DRAG
 - ⊙ A.W.S. OPERATIONAL ONLY IN THE DIRECTION OF TRAVEL
 - ⊙ A.W.S. OPERATIONAL IN BOTH DIRECTIONS
 - * EXISTING SIGNAL
- SEMAPHORE SIGNALS**
- ⊙ STOP SIGNAL
 - ⊙ GROUND DISC SHUNTING SIGNAL
- ROUTE INDICATORS**
- ⊙ JUNCTION TYPE (SEE RULE BOOK SECTION C)
 - ⊙ THEATRE TYPE
 - ⊙ NUMBER INDICATES NUMBER OF ROUTES WHICH CAN BE DISPLAYED
- POINTS**
- ⊙ CONTROLLED
 - ⊙ HAND
- ROUTES OF CONTROLLED SIGNALS ARE SHOWN THUS:**
-
- WHERE A JUNCTION ROUTE INDICATOR IS SPECIFIED, THE ROUTE INDICATION REFERRED TO IS THE APPROPRIATE POSITION OF THE JUNCTION INDICATOR AS OUTLINED IN THE RULE BOOK SECTION C, CLAUSE 3.3.2**