

BRITISH RAILWAYS

(WESTERN REGION)

(For the use of Employees Only)

Notice to Trainmen, etc.

MULTIPLE ASPECT SIGNALLING

**READING PANEL—
WESTERN EXTENSION**

**STAGE 1a—SOUTHCOTE
JUNCTION (exclusive)
TO UFTON CROSSING
(exclusive)**

**SATURDAY, 17th SEPTEMBER TO
MONDAY, 19th SEPTEMBER, 1977**

Between 22.00 hours on Saturday, 17th September and 04.30 hours on Monday, 19th September or until completion of the work, the Divisional Civil, and Signal and Telecommunications, Engineers will be engaged in bringing into use Multiple Aspect Signalling and Continuous Track Circuiting between Southcote Junction and Ufton Crossing.

SIGNALLING RECORD SOCIETY

www.s-r-s.org.uk

DIGITAL ARCHIVE

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In addition, Members have the opportunity to join signalling related visits to locations on the UK national and London Underground systems; and to other UK Railways.

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The following is a description of the work:

1. Signalling Alterations

The Signal Box at Theale will be closed, and all associated signalling will be recovered.

At Ufton Crossing, the down home colour light signal will be re-positioned approximately 150 yds further from the signal box, and the down distant signal will be recovered. The up distant colour light signal will be re-positioned approximately 1310 yds further from the signal box. The up home signal will be renewed as a three aspect colour light signal approximately 185 yds further from the signal box, and the up starting signal will be recovered.

Signal UW39 will be repositioned 340 yds towards Theale.

2. Permanent Way alterations

A new Layout at Theale will be brought into use as shown on the sketch.

3. Description of lines

At Theale the Up Refuge Siding will be extended as shown and will be renamed Up and Down Goods Loop.

4. Ground Frames

Theale Reception Sidings Ground Frame will control the connection between the Down and Up Goods Loop and No. 1 Down Reception Siding and associated ground position light signals.

The new Ground Frame will be released by Annetts Key held in the instrument adjacent to the Ground frame, and electrically released from Reading Panel. An automatic telephone will be provided for communicating with Reading Panel by dialling 2365.

5. Power Operated Points

With the exception of spring points, ground frame, hand worked points, and those at Ufton Crossing, all other connections as shown on the sketch will be motor worked from Reading Panel by H.W. type point machines.

Emergency operating instructions for these machines have been issued in Booklet BR 13108.

Hand Crank release instruments for the emergency operation of the power points will be sited as follows:—

- (a) East end of Theale, opposite the new facing connection on the Down side of the Down Line.
- (b) Theale, at the connection from the Down and Up Goods Loop to No. 1 Down Reception.
- (c) West end of Theale opposite the new facing connection on the Down side of the Down Line.

The Hand crank can only be withdrawn when the appropriate release has been given from Reading Panel.

An automatic telephone will be provided at the hand crank for sites (a) and (c), communicating with Reading Panel by dialling 2365. A direct telephone communication with Reading Panel will be provided at site (b).

6. Alteration to Block Working

Track circuit block working will be introduced between Reading (Theale) and Ufton Crossing with train description by single stroke bell.

7. Telephones

Telephones communicating directly with Ufton Crossing Signal Box will be provided at Signals UC2 and UC24. Telephones giving exclusive communication with Reading Panel will be provided at all other running signals, and also adjacent to ground position light Signal R 499 at Theale Reception Sidings.

8. Automatic Warning System

B.R. pattern AWS inductors will be provided as shown on the sketch:



All arrangements for the safe working of the line together with the appointment of any Hand-signalmen required in accordance with Section "E" of the Rule Book will be made by the Chief Divisional Inspector (Signalling).



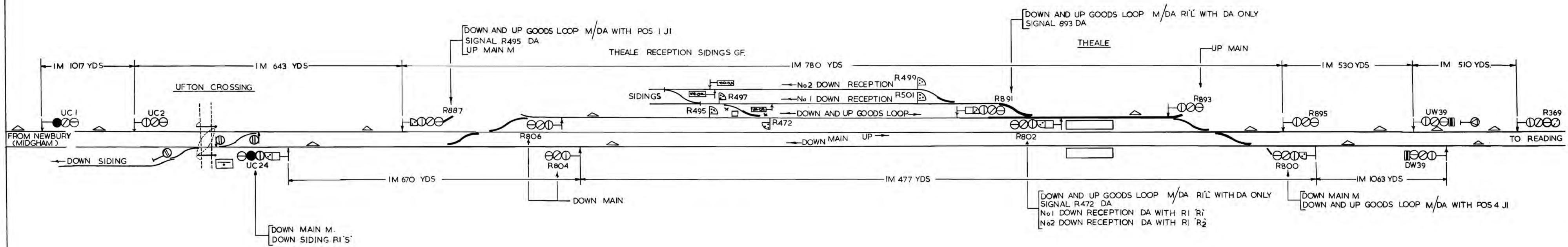
J. P. MARSON

Divisional Manager,
READING.

September, 1977.

STATION and DEPOT SUPERVISORS please acknowledge receipt immediately to:

**Divisional Manager
Reading
Ref I/XO/143**



READING EXTENSION MAS (STAGE 1)
KEY TO SYMBOLS

- JUNCTION INDICATOR
- GREEN YELLOW
- RED
- DRAW AHEAD—DA
- ROUTE INDICATOR
- POSITION LIGHT
- RED WHITE NORMAL
- AUTOMATIC SIGNAL
- STOP INDICATOR
- SHUNT SIGNAL (MECHANICAL)
- AWS INDUCTOR
- ADVANCE WARNING BOARD
- CONNECTION WORKED BY ADJACENT GF.