

# **BRITISH RAILWAYS**

(WESTERN AND LONDON MIDLAND REGIONS)

(For the use of employees only)

---

**Notice to Enginemen, Guards, etc.**

---

**MULTIPLE ASPECT SIGNALLING**

---

**STAGE I—OXFORD  
(WOLVERCOT JCN  
TO AYNHO JCN)**

---

**SATURDAY, SUNDAY and MONDAY  
14th, 15th AND 16th SEPTEMBER 1968**

---

Between 08.00 hours on Saturday, 14th September, and 06.00 hours on Monday, 16th September (or until completion) the Chief Signal and Telecommunications Engineer will be engaged in carrying out work in connection with the Oxford M.A.S. Scheme, as described in this notice.

**IMPORTANT**

**STATION and DEPOT SUPERVISORS please acknowledge receipt of this Notice by Wire immediately to:—**

**Divman I-L/XO/Reading—Arno L.XO.102.**

## I. Signalling Arrangements

New signalling will be brought into use between Wolvercot Junction (W. Region) and Aynho Junction (L.M. Region), the final signalling arrangements being as shown on the attached sketch.

### Signal Boxes

The following signal boxes will be taken out of use:—

Kidlington  
Bletchington Cement Sidings  
Heyford  
Aynho Station

### Signals

All existing signals controlled from the above four signal boxes and also Roundham, Tackley and Somerton Crossing ground frames will be recovered, with the exception of the following signals which will be renamed:—

#### Existing

Aynho Station's Up Main Home

Aynho Station's Up Goods Running Loop Home

#### To Become

Aynho Junction's To Oxford Starting

Aynho Junction's Up Goods Loop Starting

The existing Aynho Junction to Oxford Starting signal will be recovered.

The existing Aynho Junction from Oxford Home and distant signals will be recovered and replaced by colour light signals in new positions as shown on the sketch.

New colour light automatic signals will be brought into use as shown on the sketch.

Switches will be provided in Wolvercot Junction signal box for the emergency replacement of signals UM72, DM72 and UM69 and in Aynho Junction signal box for signals DM75 and UM77.

### TEMPORARY DISCONNECTION OF DISTANT SIGNALS

During the occupation the distant signals affected, namely

Wolvercot Junction's	..	..	..	..	Down Main to Birmingham
					From Birmingham
and Aynho Junction's	..	..	..	..	Up Main to Oxford
					Up Main to Ashendon
					From Oxford
					From Ashendon

will be disconnected from the signal box and maintained at Caution.

### TEMPORARY DISCONNECTION OF A.W.S. RAMPS

All existing A.W.S. ramps between Wolvercot Junction and Aynho Junction will be disconnected from 08.00 hours, Saturday 14th September, and progressively removed. New A.W.S. ramps will be connected in the positions shown on the attached diagram, and will give 'Caution' indications until the new signalling is brought into use on the completion of the work.

## 2. Permanent Way and Ground Frames

New emergency crossovers will be brought into use at Tackley at the 72½ mile post. These will be worked from an adjacent ground frame, to be known as "Tackley Ground Frame" which will be released by two Annetts keys from key release instruments controlled from Wolvercot Junction signal box.

All existing connections worked from Kidlington signal box will be recovered.

The existing connections at Bletchington Cement Sidings will be worked from two new ground frames to be known as "Bletchington Cement Sidings North Ground Frame" at the 70½ mile post and "Bletchington Cement Sidings South Ground Frame" at 70 miles 760 yards, released respectively by one and two Annetts keys from key release instruments controlled from Wolvercot Junction signal box.

At Aynho Station the existing Up Goods Running Loop facing to Up Main connection will be converted to operation by Westinghouse style C point machine at the facing end and spring points at the trailing end.

The point machine will be controlled from Aynho Junction signal box and operated by power with a hand generator standby. A hand crank for emergency operation of the point machine will be located in the signal box.

### 3. Level Crossings

The automatic half barriers at Yarnton Lane and Sandy Lane will be supervised by Wolvercot Junction instead of Kidlington signal box. The Up Line controlling track circuit for Sandy Lane barriers will be extended by 60 yards.

At Roundham, Tackley and Somerton Crossings the block indicators will be recovered. The existing gates at all three crossings will be replaced by field type gates opening away from the railway.

### 4. Locking Frames

Occupation of the locking frame at Aynho Junction will be required for the purpose of altering and testing the locking.

### 5. Track Circuits

Continuous track circuiting will be provided on the Up and Down Main lines between Wolvercot and Aynho Junctions.

### 6. Block Arrangements

The existing block sections Wolverton Junction–Kidlington–Bletchington Cement Sidings–Heyford–Aynho Station–Aynho Junction (all absolute block) will become Wolvercot Junction–Aynho Junction (track circuit block).

At Aynho Junction:—

The block switch will be recovered.

The Down Main starting signal will be released by line clear for one pull only.

The To Ashendon starting signal will be released by line clear, and, after its berth track circuit is occupied, for one pull only.

At Wolvercot Junction:—

The To Birmingham starting signal will no longer be released by line clear.

The Up Main and To Worcester starting signals will be released by line clear for one pull only.

### 7. Telephones

Telephone circuits to Wolvercot Junction and Aynho Junction from signals, ground frames and crossings will be provided as shown on the sketch.

A warning bell and telephone from Heyford aerodrome will be provided in Aynho Junction signal box.

---

All arrangements for the safe working of the line (including the appointment of Handsignalmen) must be made by the District Inspector in accordance with Rule 77.

---

**F. D. PATTISON,**  
Divisional Manager,  
READING.  
September 1968

---

**L. LLOYD,**  
Movements Manager,  
PADDINGTON  
STATION.

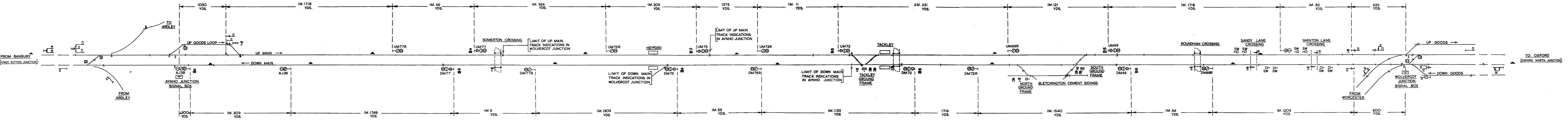
---

**R. ARNOTT,**  
Movements Manager,  
CREWE.

---

**BR 31401/5**

---



- KEY TO SYMBOLS
- ☐ or ☐ - TELEPHONE TO AYNHO JUNCTION
  - ☐ or ☐ - TELEPHONE TO WOLVERCOT JUNCTION
  - — END OF OVERLAP
  - ⊗ - GROUND FRAME KEY RELEASE INSTRUMENT