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Government of India  
Ministry of Railways  
Railway Board

No. 2006/Sig/WP/Targets/Misc.

February 22, 2006

The General Manager,  
All Indian Railways,

Sub : Target for Signaling Works

Targets for Signaling Works are required to be fixed from year to year so that the works can be closely monitored and review. In this connection following should be kept in view while working out the targets:  
Liquidate

| S.N | Item   | Target   |
|-----|--|--|
| 1.  | Works sanctioned upto 2001-02  | To be Liquidated by March, 2007  |
| 2.  | Replacement of Signaling gears at Stations -<br>(a) Charged to SRSF<br><br>(b) Charged to DRF          | (a) March, 2007 for NE, NF, SR, SCR, WR, SECR, SWR, WCR,<br>March 2008-CR, NR, ECR, SER, ECoR, NCR, ER, NWR<br>(b) Works sanctioned as on 31.3.05 on A, B & C routes by March, 2008<br>Other routes - March 2009 |
| 3.  | Rehabilitation work - SRSF   | March, 2007  |
| 4.  | Track Circuiting works*  | A, B, C routes - March, 2007<br>D Spl & E Spl - March, 2009<br>Other routes - March, 2010  |
| 5.  | BPAC Works   | (i) To be commissioned in contiguous stretches<br>(ii) BPAC works sanctioned upto 2001-02 to be commissioned by March, 2007<br>(iii) New PI/EI/RRI should be done along with BPAC                                |
| 6.  | (a) Provision of Telephone at all manned gates on BG route<br>(b) Interlocking of level crossing gates | (a) March, 2007<br>(b) within 2 years of sanction  |

|    |  |  |
|----|--|--|
|    | (c) "Spl." and "A" class gates as sanctioned upto 31.3.2005  | (c) March, 2007                        |
| 7. | Train Protection Warning System<br>(a) Sanctioned works NR, NCR & SR                                       | (a) 30 <sup>th</sup> June, 2006        |
| 8. | Automatic Signaling Works<br>(a) Works sanctioned and in progress<br>(b) Works in connection with 150 Km/h | (a) March, 2008<br>(b) September, 2006 |
| 9. | MACLS works<br>(a) A, B & C routes<br>(b) D Spl & E Spl  | (a) March, 2008<br>(b) March, 2010     |

\* wherever works have not been sanctioned, works should be sanctioned.

*[Signature]*  
27.02.08  
(Arun Saksena)  
ED/Signal

Copy to: All GM(S&T)

Recd. per fax  
ML  
10/11/03

Thro' fax

SM 50

Government of India (Bharat Sarkar)  
Ministry of Railways (Rail Mantralaya)  
(Railway Board)

No.2003/Sig/W/5/1

New Delhi, dated : 3.12.2003

The General Managers  
All Indian Railways  
(Including New Zones)

The General Manager (Const.)  
NF Railway, Maligaon

The General Manager,  
CORE, Allahabad

Sub: Track Circuiting on 'D', 'E.Spl', 'E' & MG Routes.

Ref: This office letter of even no. dt. 13.10.2003. → CNS-8

In partial modification to above referred letter, following revised paras are as given below:

Para 3.0:

A. BG Routes - 'D', 'E.Spl'. & 'E'

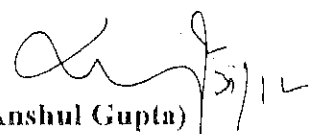
(ii) May be read as under:

"Track Circuiting on E route be limited to only FM-FM and FM-BSL & FM-Home Straight portion. While FM to FM Track Circuiting on E route is already sanctioned, proposals for straight portion track circuiting on 'E' route be submitted for sanction, at stations having permitted speed above 15KMPH in station section."

B. MG Routes

(ii) Stations where GC is not sanctioned para may be read as under:-

"FM to FM Track Circuiting at such stations, where as per signal interlocking system, permitted speed is more than 15 KMPH, can be provided either by replacing the existing sleepers with MG PRC sleepers or by using Axle Counters. However, stations, where track renewals or casual renewals are already sanctioned, track circuits should be provided using MG PRC sleepers."

  
(Anshul Gupta)  
Director (Signal)  
Railway Board

Copy to:

- C.S.T.E.s, C.A.O.(Cons)s, P.C.E.s/All Indian Railways
- CSTE/CORE/ALD
- Sr. ED (Sig.)/RDSO/LKO
- ED/Tele/RDSO/LKO

Director/IRISET/SC & Sr. Professor (S&T)/RSC/Vadodara

Railway Board

हस्ताक्षर सहित जारी है

Issue with Enclosure

हस्ताक्षर  
Signature

जारी 3/12/03

Date of Issue

for information & necessary action.



Pls see for  
15/10/03

Thro' fax

Government of India (Bharat Sarkar)  
Ministry of Railways (Rail Mantralaya)  
(Railway Board)

No.2003/Sig/W/5/1

New Delhi, dated: 13.10.2003

The General Managers  
All Indian Railways  
(Including New Zones)

The General Manager (Const.)  
NF Railway, Maligaon

The General Manager,  
CORE, Allahabad

**Sub: Track Circuiting on 'D', 'E.Spl', 'E' & MG Routes.**

1.0 As per the recommendations of Railway Safety Review Committee, following works of track circuiting have so far been approved on BG route as part of S&T Plan Head works or SRSF works:-

- (a) **A, B, C & D.Spl. Routes.** Track Circuiting on the entire main line, including straight portion and turnout portion.
- (b) **D Route.** Track circuiting from FM to FM, FM to BSL Straight portion and Home to FM Straight portion.
- (c) **E.Spl & E Routes.** FM to FM only.

2.0 No work of Track Circuiting on MG route have been approved so far, excepting those stations, which are included in sanctioned Gauge Conversion (GC) works.

3.0 Provision of Track Circuiting on remaining BG & MG sections has been examined in detail and the following has been decided:-

**A. BG Routes – 'D', 'E.Spl'. & 'E'**

- (i) Track Circuiting work proposals for FM-BSL (Straight) & Turnouts, FM-Home (Straight) & turnout portion on 'D' & 'E' Spl route be submitted by Railways for sanction.
- (ii) Track Circuiting on E route be limited to only FM-FM and FM-BSL & FM-Home Straight portion. While FM to FM Track Circuiting on E route is already sanctioned, proposals for straight portion track circuiting on 'E' route be submitted for sanction.

**B. MG Routes**

- (i) Stations where GC is sanctioned & likely to be commissioned by 31.3.2006 - At such stations, Track Circuiting should be done along with Gauge Conversion, as sanctioned.

*[Handwritten signature]*

*[Handwritten initials]*

- (ii) Stations where GC is not sanctioned:- FM to FM Track Circuiting at such stations can be provided either by replacing the existing sleepers with MG PRC sleepers or by using Axle Counters. However, stations, where track renewals or casual renewals are already sanctioned, track circuits should be provided using MG PRC sleepers.
- (iii) Stations where GC is sanctioned but is not likely to be commissioned in near future, i.e., by 31.3.2006 - For such sections, FM to FM Track Circuiting should be done by providing BG PRC sleepers with MG seats right at the stage, chargeable to GC sanctioned work.

C. Complete Track Circuit at Junction & other important stations on BG & MG Routes.

High priority should also be given for complete track circuiting at all those stations, where regular shunting is performed, junction stations and other important stations where trains stop for longer duration on all BG & MG routes as advised already vide ML's DO letter No.2003/Sig./W/5/1, dated 27.8.2003.

4.0 This issues with the approval of Board (ML & ME).

*Anshul Gupta*  
(Anshul Gupta)  
Director (Signal)  
Railway Board

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C.S.T.E.s, C.A.O.(Cons)s, P.C.E.s/All Indian Railways  
CSTE/CORE/ALD  
Sr. ED (Sig.)/RDSO/LKO  
ED/Tele/RDSO/LKO  
✓ Director/TRISET/SC &  
Sr. Professor (S&T)/RSC/Vadodara

*Te*  
for information & necessary action.  
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*(B)T*