

**REVIEW  
OF  
STAFF STRENGTH  
OF  
CHOWKIDAR(P-WAY) OF ENGINEERING DEPARTMENT  
WORKING  
AT  
SAMASTIPUR DIVISION  
(ECR/Effi/WSR/SPJ/18-19/05)**

**GUIDANCE BY**

**Sudhanshu Sharma  
SDGM**

**A. K. Mishra  
E.O**

**STUDY**

**Navneet Kumar  
E.I  
Ashok kumar  
EI  
N.K.Singh  
E.I**

**WORK-STUDY CELL**

**East Central Railway**

**HAJIPUR**

## **EXECUTIVE SUMMARY**

<b>Study No.</b>	<b>(ECR/Effi/WSR/SPJ/18-19/05)</b>
<b>Subject</b>	<b>REVIEW OF STAFF STRENGTH OF CHOWKIDAR OF (P-WAY)ENGINEERING DEPARTMENT OF SAMASTIPUR DIVISION .</b>
<b>Area</b>	<b>SAMASTIPUR</b>
<b>Division</b>	<b>SPJ</b>
<b>Department</b>	<b>ENGINEERING (P-WAY).</b>
<b>Terms of Reference</b>	<b>Assessment of Man Power requirement</b>
<b>Total No. of Recommendations</b>	<b>01</b>
<b>No. of posts recommended for surrender</b>	<b>14</b>
<b>Financial Implication</b>	<b>67.32 Lakh</b>
<b>Month of Circulation</b>	<b>JUNE - 2018</b>

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## **TERMS OF REFERENCE**

The study has been conducted under the following terms of references:

- a) To review staff strength vis-à-vis workload of Engineering(P- Way) Department of Samastipur Division with a view to identify Trackman working as chowkidar in different section.
- b) To assess the effective utilization of Chowkidar working in Engineering (P- Way )Department of Samastipur Division.
- c) To suggest ways and means to improve working of Chowkidar in Engineering (P-Way)Department of Samastipur Division .

## **METHODOLOGY ADOPTED**

The following techniques of method study as well as work measurement have been applied to conduct the study:-

- i) Data collection and its critical analysis to arrive on factual status of present working.
- ii) Reassessment of manpower requirement by applying on need base.
- iii) Discussion with Sr.DEN(Co-ord)/SPJ
- iv) Discussion with ADEN/SPJ, ADEN Land/SPJ, AEN I&II DBG.
- v) Discussion with SSE/P.Way of SPJ Division.

## **SYNOPSIS**

1. In Railways, the process of absorption of modernization has been started and still in progress in every sphere of system. These technological upgradations have shown considerable improvement in the efficiency and manpower productivity in Railways.
2. Keeping in view, all these constraints, the Work Study Cell was assigned to conduct work study of staff strength of Trackman working as Chowkidar of Engineering(P-Way) Department of Samastipur Division with a view to assess the staff requirement as per the existing workload .
3. Chowkidar of Engineering Department also plays a vital role in Indian Railways and leads in performance of any Zonal Railway. At present 30 Chowkidar and 51 Trackman are working as Chowkidar against Sanction Strength 94 in Engineering Department of Samastipur Division .

# **Chapter-I**

## **INTRODUCTION**

Benchmarking is a continuous process of comparing different units and identifying which one is the best in the business and then learning how this excellence was achieved and setting out to improve the efficiency of those units, which were behind. If this concept is implemented it will result large reduction in the cost and make significant contribution in improving the efficiency of various divisions of Railways, but Samastipur Division has not infrastructure developed than other Division of Indian railway. Hence, reassessments of man power on need base is done.

Chowkidary work is done by chowkidar of Engg. Department of Samastipur Division. Chowkidar are under control of Sr.DEN(Co-ord) and assisted by Sr.DEN, DEN, AEN and other staff. At present overall 30 Chowkidar and 51 Trackman are working as Chowkidar against the Sanction Strength 94 in Engineering Department of Samastipur Division.

The working culture of chowkidar are different, the bench marking norm is difficult for calculation of staff. The work study team observed that need base is best option for calculation of staff. Competent Authority has approved a Work Study on “Review of staff strength of Chowkidar of Engineering (P-Way)Department of Samastipur Division.

## **CHAPTER-II**

**2.1 Work Load:** - Chowkidar of Engineering (P-Way) Department of Samastipur Division. Division is divided into the following sections with the job entrusted to:-

<b>Sl.No.</b>	<b>P.Way Section</b>
01	SSE/ P.Way /SPJ
02	SSE/ P.Way /DBG
03	SSE/ P.Way /BMKI
04	SSE/ P.Way /SHC
05	SSE/ P.Way /KGG at SHC
06	SSE/ P.Way /E/NKE
07	SSE/ P.Way /W/NKE
08	SSE/ P.Way /RXL
09	SSE/ P.Way /JNR
10	SSE/P.Way/JJP
11	SSE/P.Way/SKI
12	SSE/P.Way/SGL
13	SSE/P.Way/HPO
14	SSE/P.Way/BNKI
15	SSE/P.Way/RGV
16	SSE/ P.Way /TD/SPJ

2.2 Deployment of Chowkidar in Engineering(P-Way) Department of Samastipur Division

**2.4 Duties of Chowkidar:-** A large number of equipment items, assets of railway has been kept in store of P.WAY Chowkidar is utilised for look after of store of P.WAY ,

## CHAPTER III

### CRITICAL ANALYSIS, REQUIREMENT OF STAFF VIS-À-VIS WORK LOAD AND RECOMMENDATIONS:

#### UNIT WISE CHOWKIDAR & TRACKMAN WORKING AS CHOWKIDAR UNDER SSE/P.WAY SAMASTIPUR DIVISION

**1. SSE/P.Way/DBG:** In this unit, there are 03 store such as DBG/Central store, Laheriasarai and Muktapur.

**a. DBG Central store:** In this store chowkidar details is given below:

SS-04	MOR-04	Vac-00
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail detonater, Fussy signal, Red & Green Flag, Hexa blade, Fabra, Gati, Panja, etc.

So, 03 chowkidar are utilized for look after the DBG central store.

01 chowkidar is working in Muktapur Store.

**b. Laheriasarai store:** In this store chowkidar details is given below:

SS-00	MOR-03	Vac-+03
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil,



Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 03 chowkidar are utilized for look after the Laheriasarai store. But, chowkidar post is not available so 03 Trackman are utilized as chowkidar.

**c. Muktapur store:** In this store chowkidar details is given below:

SS-00	MOR-03	Vac-+03
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 03 chowkidar are utilized for look after the Muktapur store. But, 01 chowkidar post is available and 02 Trackman are utilized as chowkidar.

**2. SSE/P.Way/Janakpur Rd.:** In this unit, 01 store is established.

**a. JNR store:** In this store chowkidar details is given below:

SS-03	MOR-02	Vac-01
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail detonater, Fussy signal, Red & Green Flag, Hexa blade, Fabra, Gati, Panja, etc.

So, 01 chowkidar and 02 Trackman are utilized for look after the JNR store.

01 chowkidar is working in ORH/SMI.

**3. SSE/P.Way/SKI:** In this unit, 01 store is established.

**a. SKI store:** In this store chowkidar details is given below:

SS-04	MOR-01	Vac-03
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail detonater, Fusy signal, Red & Green Flag, Hexa blade, Fabra, Gati, Panja, etc.

So, 01 chowkidar and 03 Trackman are utilized for look after the SKI store.

**4. SSE/P.Way/JJP:** In this unit, there are 02 store such as JJP/store and Mahrail.

**a. JJP store:** In this store chowkidar details is given below:

SS-04	MOR-02	Vac-02
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail detonater, Fusy signal, Red & Green Flag, Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the JJP store.

**b. Mahrail store:** In this store chowkidar details is given below:

SS-00	MOR-03	Vac-+03
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 03 chowkidar are utilized for look after the Maharil store. But, chowkidar post is not available so 03 Trackman are utilized as chowkidar.

**5. SSE/P.Way/SPJ:** In this unit, there are 03 store such as SPJ/Central store, Samastipur Yard and Angarghat.

**a. SPJ Central store:** In this store chowkidar details is given below:

SS-03

MOR-03

Vac-00

There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail detonater, Fusy signal, Red & Green Flag, Hexa blade, Fabra, Gati, Panja, etc.

So, 03 chowkidar are utilized for look after the SPJ central store.

**b. SPJ Yard:** In this store chowkidar details is given below:

SS-00

MOR-01

Vac-+01

There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 01 chowkidar are utilized for look after the SPJ Yardstore. But, chowkidar post is not available so 01 Trackman is utilized as chowkidar in night shift .

**c. Angarghat:** In this store chowkidar details is given below:

SS-00

MOR-01

Vac-+01

There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 01 chowkidar is utilized for look after the Angarghat store. 01 Trackman is utilized as chowkidar in night shift .

**6. SSE/P.Way/SHC:** In this unit, there are 04 store such as SOU/ store, SHC, DMH and Sleeper factory at DMH store.

**a. SOU store:** In this store chowkidar details is given below:

SS-00

MOR-03

Vac-+03

There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil,

Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 03 chowkidar are utilized for look after the SOU store. But, chowkidar post is not available so 03 Trackman are utilized as chowkidar.

**b. SHC store:** In this store chowkidar details is given below:

SS-03

MOR-03

Vac-00

There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail detonater, Fusy signal, Red & Green Flag, Hexa blade, Fabra, Gati, Panja, etc.

So, 03 chowkidar are utilized for look after the SHC store.

**c. DMH store:** In this store chowkidar details is given below:

SS-00

MOR-03

Vac-+03

There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 03 chowkidar are utilized for look after the DMH store. But, chowkidar post is not available so 03 Trackman are utilized as chowkidar.

**d. Sleeper factory at DMH store:** In this store chowkidar details is given below:

SS-00

MOR-03

Vac-+03

There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 03 chowkidar are utilized for look after the Sleeper factory DMH store. But, chowkidar post is not available so 03 Trackman are utilized as chowkidar.

**7. SSE/P.Way/RGV:** In this unit, there are 02 store such as LLP/store and RGV.

**a. LLP store:** In this store chowkidar details is given below:

SS-00

MOR-03

Vac-+03

There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 03 chowkidar are utilized for look after the LLP store. But, chowkidar post is not available so 03 Trackman are utilized as chowkidar.

**b. RGV store:** In this store chowkidar details is given below:

SS-03

MOR-01

Vac-02

There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail detonater, Fussy signal, Red & Green Flag, Hexa blade, Fabra, Gati, Panja, etc.

So, 03 chowkidar are utilized for look after the RGV store. But, 01 chowkidar post is available and 02 Trackman are utilized as chowkidar.

**8. SSE/P.Way/BNKI:** In this unit, 01 store is established.

**a. BNKI store:** In this store chowkidar details is given below:

SS-02	MOR-02	Vac-00
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail detonater, Fusy signal, Red & Green Flag, Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the BNKI store.

**9. SSE/P.Way/Hasanpur Rd:** In this unit, 01 store is established.

**a. Hasanpur store:** In this store chowkidar details is given below:

SS-02	MOR-02	Vac-00
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail detonater, Fusy signal, Red & Green Flag, Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the Hasanpur store.

**10. SSE/P.Way/SGL:** In this unit, there are 03 store such as SGL/store, Chanpatia and Ramgarhwa.

**a. SGL store:** In this store chowkidar details is given below:

SS-03	MOR-01	Vac-02
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil,

Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail detonater, Fusy signal, Red & Green Flag, Hexa blade, Fabra, Gati, Panja, etc.

So, 01 chowkidar is utilized for look after the SGL store. But, 01 chowkidar post is not available 01 Trackman is utilized as chowkidar.

01 chowkidar is working in Chanpatia Store.

**b. Chanpatia:** In this store chowkidar details is given below:

SS-00	MOR-02	Vac-+02
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the Chanpatia store. But, 01 chowkidar post is available and 01 Trackman is utilized as chowkidar.

**c. Ramgarhwa store:** In this store chowkidar details is given below:

SS-00	MOR-02	Vac-+02
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the Ramgarhwa store. But, 02 chowkidar posts are not available and 02 Trackman are utilized as chowkidar.

**11. SSE/P.Way/BMKI:** In this unit, there are 02 store such as BMKI/store and MAI.

**a. BMKI store:** In this store chowkidar details is given below:

SS-03	MOR-01	Vac-02
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail detonater, Fussy signal, Red & Green Flag, Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the BMKI store. But, 01 chowkidar post is available and 01 Trackman is utilized as chowkidar.

**b. MAI store:** In this store chowkidar details is given below:

SS-00	MOR-02	Vac-+02
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the MAI store. But, chowkidar post is not available 02 Trackman are utilized as chowkidar.

**12. SSE/P.Way/RXL:** In this unit, there are 02 store such as RXL/store and BGU.

**a. RXL store:** In this store chowkidar details is given below:

SS-04	MOR-00	Vac-04
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail detonater, Fussy signal, Red & Green Flag, Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the RXL store. But, chowkidar post is not available 02 Trackman is utilized as chowkidar.

**b. BGU store:** In this store chowkidar details is given below:



SS-00

MOR-02

Vac-+02

There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the BGU store. But, chowkidar post is not available 02 Trackman are utilized as chowkidar.

**13. SSE/P.Way/W/NKE:** In this unit, 01 store is established.

**a.NKE/ store:** In this store chowkidar details is given below:

SS-04

MOR-02

Vac-02

There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail detonater, Fusy signal, Red & Green Flag, Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the NKE store.

**14. SSE/P.Way/E/NKE:** In this unit, there are 03 store such as NKE/store, Amolva and Sikta.

**a. NKE store:** In this store chowkidar details is given below:

SS-04

MOR-03

Vac-01

There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar is utilized for look after the NKE store.

01 Chowkidar is utilized at Amolva store.

**b. Amolva store:** In this store chowkidar details is given below:

SS-00	MOR-02	Vac-+02
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the Amolva store. But, 01 chowkidar post is available and 01 Trackman is utilized as chowkidar.

**c. Sikta store:** In this store chowkidar details is given below:

SS-00	MOR-02	Vac-+02
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the Sikta store. But, 02 chowkidar posts are not available and 02 Trackman are utilized as chowkidar.

**15. SSE/P.Way/KGG at SHC:** In this unit, there are 04 store such as KGG/ store, Mansi, Kopadia and SHC.

**a. KGG store:** In this store chowkidar details is given below:

SS-00	MOR-02	Vac-+02
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail detonater, Fusy signal, Red & Green Flag, Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the KGG store. But, chowkidar post is not available so 02 Trackman are utilized as chowkidar.

**b. Mansi store:** In this store chowkidar details is given below:

SS-00	MOR-02	Vac-+02
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the Mansi store. But, chowkidar post is not available so 02 Trackman are utilized as chowkidar.

**c. Kopadia store:** In this store chowkidar details is given below:

SS-00	MOR-02	Vac-+02
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the Kopadia store. But, chowkidar post is not available so 02 Trackman are utilized as chowkidar.

**d. SHC store:** In this store chowkidar details is given below:

SS-02	MOR-02	Vac-00
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There are so many P.Way materials are kept in this store such as Wooden sleeper u/s, wooden sleeper s/h, P.way fittings, plate screw, rail screw, ERC liner, GFN liner, Rubber pad, Pendol clip, SEJ fitting, Fish Plate 52kg, 90 R, Fish Belt, K.Oil, Grease, Diesel, Joggled fish plate, Axle oil, Welding material & equipment, CST-9 sleeper, slide chair plate(MG), Fog Signal, Rail detonater, Fusy signal, Red & Green Flag, Hexa blade, Fabra, Gati, Panja, etc.

So, 02 chowkidar are utilized for look after the SHC store.

**SUMMARY:**

Sl.No.	P.Way Section	Store	Chowkidar	Trackman working as chowkidar
01	SSE/ P.Way /DBG	DBG	03	00
		Laheriasarai	00	03
		Muktapur	01	02
Total			04	05
02	SSE/ P.Way /JNR	ORH/SMI	01	02
		JNR	01	02
Total			02	04
03	SSE/ P.Way /SKI	SKI	01	03
Total			01	03
04	SSE/P.Way/JJP	JJP	02	00
		Mahrail	00	03
Total			02	03
05	SSE/ P.Way /SPJ	SPJ	03	00
		SPJ Yd	00	01
		Angarghat	00	01
Total			03	02
06	SSE/P.Way/SHC	SOU	00	03
		SHC	03	00
		DMH	00	03
		Sleeper DMH	00	03
Total			03	09
07	SSE/P.Way/RGV	LLP	00	03
		RGV	01	02
Total			01	05
08	SSE/P.Way/BNKI	BNKI	02	00
Total			02	00
09	SSE/P.Way/HPO	HPO	02	00
Total			02	00
10	SSE/P.Way/SGL	SGL	01	01
		Chanpatia	01	01
		Ramgarhwa	00	02
Total			02	04
11	SSE/P.Way/BMKI	BMKI	01	01
		MAI	00	02
Total			01	03
12	SSE/ P.Way /RXL	RXL	00	02
		BGU	00	02
Total			00	04

13	SSE/ P.Way /W/NKE	NKE	02	00
Total			02	02
14	SSE/ P.Way /E/NKE	NKE	02	00
		Amolva	01	01
		Sikta	00	02
Total			03	03
15	SSE/P.Way/KGG at SHC	KGG	00	02
		Mansi	00	02
		Kopadia	00	02
		SHC	02	00
Total			02	06
Grand Total			30	51

## CHAPTER - IV

### **Suggestion:-**

1. If administration should provide Truck to all the SSE(P-WAY) Incharge and small store should centralized then the requirement of chowkidar= $16 \times 3 = 48$
2. As there is no yardstick for calculation of chowkidar, the work study team has made its assessment of staff on Spot observation, it is observed that at present 51Trackman are working as chowkidar. There are shortage of Trackman in line, hence work study team has advised that 51 Trackman are utilized for maintenance of Track.

## **CHAPTER V**

### **Recommendation -**

Work study team has recommended , 14 vacant posts of chowkidar may be surrendered. .

Total Sanction Strength of chowkidar =94 (P-Way-62+ Works-32)

Total Sanction Strength of chowkidar =62

Total Men on Roll =43

Total Vacant post =14

Total Staff required =48

**Excess Staff =62-48= 14 Staff**

After going through the requirement of staff, the work study team observed that the 14 vacant posts of chowkidar recommended for surrender and financial saving will be Rs **67.32** Lakh per annum. The work is going on without any hindrance.

## CHAPTER - VI

### FINANCIAL SAVINGS:-

If the recommendation of the study report is implemented, the annual recurring financial savings will be as under:

SL. No.	Category	Scale of pay (Rs.)	Grade pay	Level	No. of post	Mean pay per year per staff (Rs.)	Annual financial savings in Lacs (Rs.)
1.	Chowkidar	5200-20200	1800	01	14	480864	6732096
	Total				14		6732096 i.e.67.32 lakh



## **Annexure –I**

Staff position of chowkidar of Engineering Department of Samastipur Division as on 12.06.2018

<b>Sl NO.</b>	<b>Category</b>	<b>Scale</b>	<b>Grade pay</b>	<b>Sanctioned Strength</b>	<b>Men on Roll</b>	<b>Vacancy</b>
1.	Chowkidar SSE(P-Way)	5200-20200	1800	62	43	19
2	Chowkidar SSE(Works)	5200-20200	1800	32	25	07
	Total			94	68	26

## **EAST CENTRAL RAILWAY**

**Office of the  
General Manager(Vig.)  
Hajipur  
Dated: 09.07.2018**

**No.: - ECR/Eff./WSR/SPJ /18-19/05**

**Sr. DEN(Co-ord)  
East Central Railway,  
Samastipur**

**Sub.:- Work study report on adequacy of staff strength of chowkidar  
of (P-Way) Engineering Department of Samastipur Division.**

In connection to the above, it is intimated that a work study has been conducted on adequacy of staff strength of chowkidar(P-Way) of Engineering Department of Samastipur Division. The work study team has recommended for surrender of 14 vacant posts of Chowkidar of SSE(P-Way) Samastipur Division.

Hence, it is requested to scrutinize the work study report and send the reply within 10 days, so that the report may be finalized and intimated to Railway Board.

DA: Work study report in 25 pages.

**Efficiency Officer  
For SDGM**

Copy to: (i) PCE/HJP for kind information please.  
(ii) PCPO/ HJP for kind information please.  
(iii) ADRM/SPJ for kind information please.  
(iv) Sr. DPO /SPJ for kind information please.

**For SDGM**



**EAST CENTRAL RAILWAY**

**WORK STUDY REPORT**

**To assess the utility of chowkidar(P-Way) of Engg. Department  
of Samastipur Division**

**EFFICIENCY CELL**

**EAST CENTRAL RAILWAY**

**HAJIPUR**

**STUDY NO. ECR/EFF./WSR/SPJ/18-19/05**