
SIGNAL & TELECOM DEPARTMENT: AT A GLANCE

Infrastructure / Assets

I. SIGNAL :

1. Total no. of BG Stations	=	122 stations
2. Panel interlocked MACLS stations	=	122 stations
3. Electronic Interlocking	=	15 stations
4. Calling ON signal	=	110 stations
5. Shunt signal	=	103 stations
6. Block Instruments		
❖ Token Less Block Instruments (S.L.)	=	02 Nos.
❖ Lock & Block Instrument (D.L.)	=	62 Nos.
❖ Daido Block Instruments (S.L.)	=	30 Nos.
❖ Universal Fail Safe Block Interface	=	64 Nos.
❖ Universal Fail Safe Block Interface (IBS)	=	08 Nos.
7. Points Machine		
❖ High Voltage (IRS Rotary)	=	1525 Nos.
❖ High Thirst Machine	=	73 Nos.
8. LED lit Signals	=	122 stations
9. Integrated Power Supply	=	122 stations
10. Data Loggers	=	122 stations

As on 12.10.2020

Signalling Installation				
Section/Station	No. of stations	Standard of Interlocking	EI/PI/RRI/ Lever frame	Signalling
Single Line				
Prayagraj Rambagh	1	Std.-I(R)	PI	Multiple Aspect Colour Light
Nandganj – Yusufpur, Karimmudinpur and Daraganj	7	Std.-II(R)	EI	
Rasra – Chilkahar, Thawe – Khaira, Mahpur, Jakhania, Kirihirapur, Belthra road, Salempur, Didarganj – Khurhat,	29		PI	
Sadat, Dullahpur, Piparidih, Lar road, Mau Jn, Indara Jn, Jhusi – Ahimanpur,	14	Std.-III	PI	
Dhondadih and Tajpur Dehma – Gautamthan	12			
Unaula – Paniyahwa, Laxmiganj- Thawe (ex)	18			
Hathua – Amlori Sarsar, Dobhi- Muftiganj	4			
Double Line				
Chhpara Jn.	1	Std.-I	RRI	Multiple Aspect Colour Light
Manduadih	1	Std.-II(R)	RRI	
Hardatpur - Madhisingh	6	Std.-II(R)	EI	
Saiydpur bhitri – Taraon	2			
Varanasi (ex.) - Aunrihar	5	Std.-II(R)	PI	
Chhpara Gramin	1			
Kusumhi-Chhapra Ky.	19	Std.-III	PI	
Bhatni Jn and Siwan Jn.	2		RRI	

Nature of Block Working			
Block working	No of Section	Block working	No of Section
Token less block instruments		Double Line Block Instrument	
Indara – Phephna	4	Kusumhi – Chhapra – Chhapra Gramin	22
Unaula – Valmiki Nagar (Diado)	8	Aunihar – Varanasi	5
Jhusi – Madhosingh (AHM side)	7	Varanasi – Madhosingh	7
Siwan – Thawe (Diado)	3	Aunihar – Taraon	2
Kaptangaj – Thawe (Diado)	11	SSBPAC section	
Chhapra Ky. – Khaira (Diado)	1	Manduadih – Lohta (NR)	1
Chhapra – Gautamsthan (Diado)	1	Continuous Track Circuit	
UFSBI block section (Block working)		Prayagraj Rambagh – Prayagraj	1
Mau – Indara (Twin Single Line)	1	Chhapra – Chhapra Kachery	1
Aunihar – Bhatni	12	Indermediate Block section (IBS)	
Aunihar – Gautam Sthan	20	Noonkhar – Deoria Sadar	1
Aunihar – Dobhi – Jaunpur	3	Bhatni – Bhatpar Rani	1
Mau – Sahganj	10	Mairwa – Zeeradei	1
Prayagraj Rambagh – Jhunsi	2	Siwan – Zeeradei	1
Khaira – Thawe	11		

II. TELECOMMUNICATION :

1. Section Control	=	5 Boards
ARJ - BTT & MAU – SHG & ARJ-JNU GKC - CHPG - Main ARJ – CPR & IAA - PEP GKC - PYNA – THE & CPR - MHC – SV ARJ - BSB – PRRB		
2. 6 Quad Cable	=	1192.50 R/Km
82.84 (GKC-PNYA) 62.00 (ARJ-JNU) 160.00 (ARJ-BSB-PRRB) 100.00 (MAU-SHG) 28.00 (SV-THE) 98.80 (CPJ-THE) 91.00 (THE-CI) 181.00 (GKC-CHPG) 171.00 (ARJ-CPR) 50.86 (IAA-PEP) 125.00 (ARJ-BTT) 42.00 (DDA-MHC)		
3. Optical fiber section and stations	=	122 station
23 No. (GKP - CHPG) 181.00 Km 09 No. (GKC - PNYA) 82.84 Km 12 No. (CPJ - THE) 98.80 Km 04 No. (SV - THE) 28.00 Km 18 No. (BSB - BTT) 160.00 Km 10 No. (MAU - SHG) 100.00 Km 17 No. (BSB - PRRB) 125.00 Km 22 No. (ARJ - CPR) 171.00 Km 03 No. (ARJ - JNU) 66.14 Km 05 No. (CI-MHC) 41.72 Km 05 No. (IAA-PEP) 50.86 Km 07 No. (MHC-THE) 78.00 Km 03 No. (DDA-MHC) 42.00 Km	=	1246.69 Km

III. PASSENGER AMENITIES:

1. **PRS** = 73 stations
2. **UTS** = 120 stations
3. **P.A System provided at Rly. Stations** = 81 stations
4. **Digital Clocks** = 56 stations

PRRB	DRGJ	JI	HDK	GYN	KFK	MBS
MUV	SRU	STW	SRNT	BCY	ARJ	MHO
PPH	MAU	IAA	BLTR	LRD	CC	NDJ
GCT	SBK	YFP	CBN	PEP	SVI	BUI
KMDR	SIP	CI	CPR	SV	MW	BTT
BHTR	DEOS	BALR	GB	SANR	RSR	AMH
KRND	HTW	THE	GOPG	POU	SBZ	CPJ
KHM	DLR	MHC	RPV	SQW	RTU	MJV

5. **Auto Announcement system** = 50 stations

PRRB	GYN	MUV	DEOS	SV	CPR	MW
BTT	CC	BHTR	BCY	BLTR	SRU	LRD
IAA	MAU	PPH	MHO	ARJ	BUI	GCT
NDJ	SIP	YFP	AMH	SBZ	CPJ	KRND
RSR	SRNT	THE	HTW	DLR	POU	TOI
GOPG	MHC	RPV	DWDI	SQW	RTU	MJV
SDT	JKN	CBN	PEP	DDA	GH	EM
TRJ						

6. **Train Display Board** = 36 stations

PRRB	JI	GYN	MBS	MUV	BCY	SRNT
ARJ	MHO	MAU	IAA	BLTR	LRD	SRU
CPR	CI	SV	MW	BHTR	BTT	DEOS
NDJ	GCT	YFP	BUI	SIP	AMH	CPJ
KRND	SBZ	RSR	DLR	JKN	SDT	CBN
PEP						

7. **Train Indication Board (Five Lines)** = 10 Stations

MUV	BCY	SRNT	GCT	DEOS	MAU	BUI
CPR	SV	NDJ				

8. Single Line Double Face Train Indication Board Indication Board	=	11 Stations
MUV BCY SRNT GCT DEOS MAU BUI CPR SV MHO PPH		
9. Connectivity provided for NTES	=	08 Nos.
Commercial Control MAU MUV DEOS SV Operating Control BUI CPR		
10. Coach Guidance System	=	08 Stations
MUV DEOS MAU BUI CPR SV BCY GCT		
11. Free WI-FI at Station	=	122 Stations
12. Passenger Operated Enquiry Terminal (POET)	=	14 Stations
CPR SRU BLTR MAU AMH DEOS BTT SV MW MUV BUI GCT SIP KRND		
13. WI-FI at Administrative buildings	=	Divisional hospital & DRM's office
14. Integrated Security System	=	CPR station
15. CCTV at stations	=	11 Stations
16. CCTV Control Room	=	DRM's office
17. Video Wall	=	Manduadih station
18. Digital Museum	=	04 Stations
AMH MAU CPR BUI		
19. Electronic Exchange	=	08 Stations
PRRB BSB BUI CPR SV BTT MAU DEOS		
