GAYA
NEXT STN:MAKHDUMPUR
AT KM. 3.975 FROM TEHTA
DN
UP
1400.0M(MIN.)
1000.0M(MIN.)
180.0M(MIN.)
DN. GATE SIG/DIST. OF THA
D.SL-2
ALT-I
℄ OF NEW STATION BUILDING OF TEHTA
CH: 0.00M (AT KM 57.440 FROM PATNA)
UP
DOWN
HIGH LEVEL DN PLATFORM (550X6M)
HIGH LEVEL UP PLATFORM (550X6M)
DN LOOP LINE NO1 CAL-780 M.(PT TO TS) CSR-760M
DN MAIN LINE NO2 CAL-805 M.(FM TO FM) CSR-785M
UP MAIN LINE NO3 CAL-806 M.(FM TO FM) CSR-786M
UP LOOPLINE NO4 CAL-761 M.(TS TO PT) CSR-741M
FOB CH:85.00M
120.0M(MIN.)
OVER RUN LINE
NO STABLING
L.C. NO - 34/B/2T(MANNED) INTERLOCKED CLASS-'B', CH:265 BOOM LOCKING PROVIDED
CONTROLLED BY G-31
PATNA JN
NEXT STN:JEHANABAD
12.72 FROM TEHTA

ALT-I

LOCKING TABLE OF L.C. NO. 35B/3E

SLIDE	BACK LOCK	LOCKS	BOTH WAYS	RELEASES
1	SPARE	-	-	-
2	4	-	-	-
3	4	-	-	-
4	KEY'B'	-	-	2, 3

NOTE: (1) ONE KEY LOCK WILL BE PROVIDED ON S.M'S SLIDE NO.4 TO ACHIEVE 4 RELEASED BY KEY'B' LOCKING.
(2) ONE KEY LOCK WILL BE PROVIDED ON SM'S SLIDE NO.3 & WILL COME OUT IN 'R' POSITION OF SL-3.

ALT-I

4 SM'S SLIDES FRAME

SL-1 - SPARE
SL-2 - DN.GATE SIG.
SL-3 - SLOT FOR UP. ADV. STR.
SL-4 - GATE CONTROL

ASPECT CONTROL CHART(UP DIRECTION)

PANEL DETAILS

ALL ROUTE SETTING BUTTONS AND OTHER IS KEPT

CONTROLLED BY G-31
EKT 'A'
KEY 'B' TO COME OUT FROM EKT 'A' AFTER BOOM LOCKING & CLOSING THE DETECTION CONTACTS

EKT 'B'
KEY 'B' TO COME FROM EKT 'A' OR SLIDING BOOM

2. KEY 'B' TO COME FROM ARC (IN 'R' POSITION) AFTER BOOM LOCKING AND TO BE INSERTED IN GATE KEY LOCK TO RELEASE
1. KEY 'A' TO COME FROM GATE WINCH MACHINE TO RELEASE ARC LEVER (IN 'N' POSITION FOR BOOM LOCKING

ASPECT CONTROL CHART(UP DIRECTION)

NOTE :-

1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH JEHANABAD & MAKHDUMPUR STATION.
2. ~~DOUBLE LINE BLOCK INSTRUMENT WORKING WITH JEHANABAD & MAKHDUMPUR SITUATED AT PANEL ROOM.~~
3. MAGNETO TELEPHONE PROVIDED BETWEEN PANEL ROOM & L.C. GATE NO. 34/B/2T, 35/B/3E, 31/B & 33/C
4. ALL ANGLE OF XING ARE 1 IN 12 EXCEPT AS MENTIONED.
5. CONTROL TELEPHONE PROVIDED AT PANEL ROOM.
6. ~~AXLE COUNTER PROVIDED FOR LAST VEHICLE VERIFICATION & INTERLOCKED WITH BLOCK INSTRUMENT.~~
7. LED SIGNAL PROVIDED FOR ALL MACL SIGNALS
8. LOCKING ARRANGEMENT OF BOOM LOCK LEVER TO BE IN CONFORMITY WITH ER DRG NO.SI.06678 DT.19.11.99
9. SIGNALLING INSTALLATION HAS BEEN MADE TO SUIT RE SPECIFICATION.
10. THIS SIP HAS BEEN MADE IN CONNECTION WITH DOUBLING BETWEEN PATNA-GAYA SECTION.

NOTE :-

11. UFSBI BLOCK PANEL WITH BPAC(HASSDAC) WORKING BETWEEN TEHTA - JEHANABAD.
12. UFSBI BLOCK PANEL WITH BPAC(HASSDAC) WORKING BETWEEN TEHTA - MAKHDUMPUR
13. ELECTRIC LIFTING BARRIER PROVIDED AT LC NO: 34'B' & 35'B'.
14. SLIDING BOOM PROVIDED AT LC NO: 34'B' & 35'B'
15. ROAD SIGNAL SHALL DISPLAY RED ASPECT AT LC NO: 34'B' & 35'B' WHEN SLIDING BOOM IS USED TO CLOSE THE ROAD TRAFFIC.
16. LC GATE BOOM INSTALLATION SHOULD BE AS PER STANDARD PRACTICE.

SPECIAL INSTRUCTION / APPROVED SPECIAL INSTRUCTION

SL.NO.	INSTRUCTION	ISSUED BY	AUTHORITY	REMARKS
1	UNDER PROVISION OF GR. PARA NO. 3.07(7), FOLLOWING SIGNALS ARE COMBINED:- ALT-I (a) DN. DISTANT OF TEHTA COMBINED WITH DN. GATE SIG. SL-2 OF L.C. NO.-35/B/3E	CRS/EC/KKK		

ALT	DESCRIPTION	REFRENCE	CHECKED BY SE/S/C/MHX	CHECKED BY ASTE/C/MHX	CHECKED BY DSTE/C/MHX	CHECKED BY DY.CSTE/C/PLG/MHX	COUNTER SIGNED BY CSTE/CON/MHX	COUNTER SIGNED BY FOR COM/HJP/ECR	APPROVED BY FOR CSTE/HJP/ECR	CRS SANCTION NO. & DATE	DATE OF COMM.
I	(1) DN. GATE SIG. (SL-2) FOR L.C GATE NO. 35/B/3E PROVIDED. (2) DN. HOME SIG. (S-12) SHIFTED AHEAD. (3) D-12 RENUMBERED AS D SL-2.	CSTE/HJP's APPROVAL ON CAO/C/S/MHX's L. NO. ECR/S&T/CON/Patna-Gaya Doubling dt 28/7/11 ADDRESSED TO CSTE/HJP.	M.K. Sinha 1/08/11 (M. K. SINHA)	01.08.11 (R.K. SUMAN)	01.08.11 (R. N. SHARMA)	1/08/11 (A. K. GUPTA)	01/08/11 (V. K. VERMA)	01/08/11 (K. MUKHOPADHYAY) CTPM/HJP	(SHYAM LAL PRASAD) CSTE/PLG/HJP		
II	COMPLETION DRAWING MADE (NO ALT)		(S. KUMAR)	(R.R. TIWARY)	(R.N. SHARMA)	APPROVED BY 11/10/12 (A.K. GUPTA)				17/9/VIII/11/272 H(S) & 29/09/2011	27/7/12
III	PROVISION OF UFSBI BLOCK PANEL WITH BPAC (HASSDAC) WORKING I) TEHTA - JEHANABAD II) TEHTA - MAKHDUMPUR	I) DY.CSTE/W/DNR, L.No:- DY.CSTE/W/DNR/HQ. DT-23/03/17 II) PB ITEM No: 699/2016-17	SSE/S JE/D	06.4.17 ASTE/D&D	06.4.17 SSTE/D&D	6/4/17 DY.CSTE/W&D		F.COM/ECR	20/11/17 (JAGMOHAN RAM) CSTE/PLG/HJP F.CSTE/ECR/HJP	CSTE SANCTION NO: ECR/CSTE/203A/401/2017, DT 28.07.2017 (FOR ALT-III(I))	I) 31/07/2017 (FOR ALT-III(I))
IV	COMPLETION DRAWING MADE FOR ALT: III (1)	DY.CSTE/W/DNR, L.NO: DY.CSTE/W/DNR/HQ, DT: 14/08/17	SSE/S JE/D	ASTE/D&D	SSTE/D&D	DY.CSTE/DRDM			(S.L. PRASAD)	CSTE/SANCTION No: ECR/CSTE/203A/401/2017, DT: 28/07/2017	31/07/2017
V	COMPLETION DRAWING MADE FOR ALT-III (ii) ;(NO CHANGE)	DY.CSTE/W/DNR, L.No:- DY.CSTE/W/DNR/UFSBI/HQ. DT:- 18/09/17	[illegible]	ASTE/D&D	SSTE/D&D	DY.CSTE/DRDM			[illegible]	CSTE SANCTION No: ECR/CSTE/203A/404/2017 DT: 04/08/2017	[illegible]/08/2017
VI	PROVISION OF ELECTRIC LIFTING BARRIER AT LC NO: 34B & 35'B'	SR. DSTE (CO-ORD)/DNR, L.NO: SG/DRG/DNR, DT: 19/01/18	[illegible]	ASTE/[illegible]	[illegible]	[illegible]			[illegible]		
VII	PROVISION OF INTERLOCKED SLIDING BOOM IN ADDITION TO EXISTING LIFTING BARRIER AT LC GATE No: 34'B' & 35'B' II) ELECTRIC LIFTING BARRIER AT LC NO: 34'B' & 35'B' MODIFIED AS PER LATEST ECR PRACTICE	SR DSTE/DNR L.NO: [illegible] DT: 07.10.21	JE/S	28.10.21 ASTE/D&D	ASTE/PLG	28/10/21 DY.CSTE/W&D	29/10/21 CTPM ECR		29.10.21 (RISHI GUPTA) CSTE/PLG/HJP		

AUTHORITY OF WORK:-P.B. ITEM NO. 40 OF 2009-10
THIS SIP SUPERCEDES PREVIOUS SIP NO-RE/DNR/SI-11/02

पूर्व मध्य रेल दानापुर मंडल EAST CENTRAL RAILWAY DANAPUR DIVISION	APPROVED BY	COUNTER SIGNED BY		CHECKED BY				C.R.S. SANCTION NO.	SCALE			
	(RAM KRIPAL) CSTE/PLG/HJP FOR CSTE/ECR/HJP	(V.K.VERMA) CSTE/PLG/HJP CSTE/C/MHX	(R.S. PANDEY) COM/ECR/HJP	2/11/10 (A.K. GUPTA) DY.CSTE/CON/PLG/MHX	(R.N. SHARMA) DSTE/CON/MHX	(R.R. TIWARY) ASTE/CON/MHX	M.K. Sinha 2/11/10 (M.K. SINHA) SE/S/CON/MHX	17/9/VIII/11/272/H(S) DATE :- 29/09/2011 COMPLETED ON - 27/07/2012	LONGITUDINAL : 1CM = 10M TRANSVERSE : 1CM = 5 M BASED ON - CE'S. DRG. NO.- Y-53-2010	CENTRAL PANEL SIGNAL INTERLOCKING PLAN MACLS, CLASS-B,STD-II ®	टेहटा TEHTA PREPARED BY - SHREE TRADING JAWAHAR NAGAR WEST BAILEY ROAD, PATNA	SIGNALLING PLAN NO. ECR/SIP/DNR/295/2010