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SL NO.	DESCRIPTION	REFERENCE	ALT	CHECKED BY: JE/D/HJP	SSE/B/HJP	ASTE/D&D/HJP	SSTE/D&D/HJP	DY.CSTE/D&D/HJP	COUNTER SIGNED BY: FOR/MECR/HJP	CSTE/C/G/MKK	APPROVED BY: CSTE/P/LG, f.CSTE/C/G/HJP	CRS SANCTION NO. & DATE
	ADJACENT STATION NAME CHANGED FROM BAKHTIYARPUR TO BARH. ALSO LINK CABIN & KM CORRECTED AS PER ESP	DY. CSTE/C/S/MKK LTR. ECR/S&T/I CON/DRAWING, DATED-07.10.16. 10 LOR NOS. 1, 2, 3, 4, 5 & 13. 10 FERRO PRINT SIP. APPROVED BY CSTE/HJ/MKK NO-ST-7143/16									
	COMPLIANCE OF CRS/Elec Insp. REGULATION ITEM NO-01, 02 & 03.	CRS/E-CIRCLE ASSESSMENT LTR NO-ECR/TC/ET/E/2/MAR 02 & 03. DATE-26.06.18										
	CHANGE OF STATION NAME FROM BAKHTIYARPUR TO BARH. LC NO-57, 59, 61 CORRE. TO BD AND LC NO-54, 55 & 56 ADDED. (As per CRS/Mech's LETTER NO 39/M/III/B(270)/1 DT 26.6.18)	TO SUIT ESP-ECR-SIG NO-1-79-2013 ALT-1										
	COMPLETION DRAWING MADE											
	PROVISION OF ACHANTA HALT IBP BETWEEN ATHMALGOLA AND BARH.	DY. CSTE/W/ORKS/HJP LTR NO-ECR/S&T/WORKS/IBP, DT-22/06/2020										

AUTHORITY OF WORK:- P.B. ITEM NO.65 OF 2012-13
THIS SIP SUPERCEDED PREVIOUS SIP NO.ECR/SIP/CON/185-2011 ALT-V

CENTRAL PANEL (E.I)
SIGNAL INTERLOCKING PLAN
MACLS , CLASS-'B' ,STD.- III (R)

SCALE
LONGITUDINAL : 1CM = 10M
TRANSVERSE : 1CM = 5 M

C.R.S. SANCTION NO.
अथमलगोला
ATHMALGOLA (ATL)
DATE:-13.07.18
O.P.BOND

BASED ON - CE DRG. NO. - Y-79-2013

COMPLETED ON 18.04.19

SIGNALLING PLAN NO. ECR/SIP/CON/ 105/2016

SPECIAL INSTRUCTION / APPROVED SPECIAL INSTRUCTION

SL.NO.	INSTRUCTION	ISSUED BY	AUTHORITY	REMARKS
1.	UNDER THE PROVISION OF SER PARA 7.723 CRS CONDITION REQUIRED FOR PROVISION OF LC GATE AT ACHANTA HALT LINK CABIN. CHAINAGE TOWARDS BKP LINK CABIN.	C.R.S EC/RCLE		DISPENSATION TO BE OBTAINED
2.	UNDER THE PROVISION OF GR PARA 3.40(1)(b) ADEQUATE DISTANCE HAS BEEN RECKONED FROM THE STARTER FOR THE FOLLOWING SIGNALS.	C.R.S EC/RCLE		DISPENSATION TO BE OBTAINED
a.	SIGNAL NO. 7 FOR COMMON LOOP LINE NO.-4 FOR RECEPTION OF UP TRAIN UP TO DEAD END.			
b.	SIGNAL NO. 10 FOR COMMON LOOP LINE NO.-4 FOR RECEPTION OF DN. TRAIN UP TO DEAD END.			

DP DESCRIPTION

DP NO	SECTION
DP 1,2 - DP 7,8	ATHMALGOLA - ACHAURA HALT-IBP
DP 3,4 - DP 11,12	
DP 5,6 - DP 15,16	ACHAURA HALT IBP - BARH
DP 9,10 - PP 13,14	19XT
DP 11,12 - DP 17,18	
DP 5,6 - DP 7,8	2aXT

PANEL DETAILS

MAIN SIGNAL BUTTONS	1,2,3,4,5,6,7,8,9,10,11,12,13,14, 2,4
CALLING - ON SIGNAL BUTTONS	C-1,C-3, C-12, C-14
POINT BUTTONS	51,52,53,54,57,58,59,
CRANK HANDEL CONTROL BUTTONS	CH-1,CH-2,CH-3,CH-4,CH-5,CH-6,CH-7,
SHUNT SIGNAL CONTROL BUTTONS	105,106,107,108,109,110, 201, 202, 203,208, 210,
SPARE POINT	55, 60,
SPARE SHUNT SIGNAL	204,205, 206,207,209,

NOTE :-

1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH BARH-BAKHTIYARPUR & BKP LINK CABIN
2. UFSBI BLOCK PANEL WITH SSDAC WORKING BETWEEN ATHMALGOLA - BAKHTIYARPUR & BKP LINK CABIN
3. UFSBI BLOCK PANEL WITH SSDAC WORKING BETWEEN ATHMALGOLA - BARH SITUATED IN PANEL CABIN.
4. UFSBI BLOCK PANEL WITH SSDAC WORKING BETWEEN ATHMALGOLA - BKP LINK CABIN SITUATED IN PANEL CABIN.
5. CONTROL TELEPHONE PROVIDED AT PANEL CABIN TO TELEPHONE CONNECTED
6. ALL ANGLE OF 'X- ING ARE 1 IN 12 EXCEPT AS MENTIONED IN SIP.
7. BPAC - (FOR THIRD LINE) PROVIDED WITH BKP LINK CABIN & INTERLOCKED WITH BLOCK INSTRUMENT OF BKP LINK CABIN.
8. LED SIGNAL PROVIDED FOR ALL MACL SIGNALS.
9. THE SIP HAS BEEN MADE IN CONNECTIONS WITH PROVISION OF NTPC LINE AS COMMON LINE AT ATHMALGOLA STATION YARD.
10. 60 SEC TIME DELAY PROVIDED FOR ALL CALLING ON RECEPTION SIGNALS.
11. 60 SEC TIME DELAY PROVIDED FOR ALL CALLING ON DEPARTURE SIGNALS, GATE 60.
12. U.C. GATE 60 COMMAND FOR OPENING OF GATE REQUIRE 1.0M DROP & CLEARANCE OF 11TR. FOR UP LINE MOVEMENT.
13. PROVISION FOR ROAD SIGNAL DISPLAYING DANGER ASPECT WHEN SLIDING BOOM IS CLOSED TO ROAD TRAFFIC.
14. PROVISION OF ROAD SIGNAL FOR ROAD TRAFFIC AT LC GATE 60 BEYOND 2.5 M FROM ROAD.
15. ACHAURA IBP PROVIDED BETWEEN ATHMALGOLA AND ACHAURA HALT IBP
16. ACHAURA IBP PROVIDED BETWEEN ACHAURA HALT IBP AND BARH

DRAWN BY	CHECKED BY	APPROVED BY
MANISH KUMAR	R. K. SHARMA	(JAG MOHAN RAM) CSTE / P.&G / HJP
Skylark Designs & Engineers Pvt. Ltd. PATNA NOIDA	पूर्व मध्य रेल EAST CENTRAL RAILWAY दानापुर मंडल DANAPUR DIVISION	FOR CSTE / ECR/ HJP

COUNTER SIGNED BY										
(RAJESH KUMAR)	(VINEET KUMAR)	(M.K. SRIVASTAV)	(SATENDRA KUMAR)	B.K.THAKUR	R.K.SINGH	SHILA KUMARI	O.P.BOND	JE/D/C&MKK	SSE / S / CON / MKK	ASTE / CON / MKK
FOR COM / ECR / HJP	CSTE / C/ S/MKK	Sr. DOM / DNR	Sr. DSTE / DNR	Dy. CSTE / C/S/ MKK	DSTE / CON / MKK	ASTE / CON / MKK	SSE / S / CON / MKK	JE/D/C&MKK		

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