TO BAKHTIYARPUR JN. 29.35KM
NEXT XING STN.: WENA
TO RAJGIR (AT KM 23.66)
NEXT STN. NALANDA POE
C/L OF STN BUILDING BIHARSHARIF(BEHS)
CH: 29.35 KM FROM BAKHTIYARPUR
CH: 38.287 KM FROM DHANIYAWAN
CH: 0.00
HIGH LEVEL PASSENGER PLATFORM 182.880MX7.620M
HIGH LEVEL PASSENGER PLATFORM 182.880MX7.620M
GOODS PLATFORM
GOODS PLATFORM 252M LONG
GOODS SHED 34·1X 18·45
MAIN LINE
COMMON LOOP LINE
L-XING NO.34(MANNED)
L-XING NO 32 CLASS 'C' (M)
CONTROLLED BY KEY-K
CONTROLLED BY G-32
ASPECT CONTROL CHART (UP DIRECTION)
ASPECT CONTROL CHART (DN DIRECTION)
1000.0M(MIN.)
1400.0M(MIN)
180M (MIN.)
120.0M(MIN.)
65M

P-72	CH-1	CH-6	P-71
KEY FOR HAND POINT(KEY 'K')	CRANK HANDLE FOR PT 51	CRANK HANDLE FOR PT 55 & PT 56	~~SIDING KEY FOR HAND POINT P-71~~

ALL CRANK HANDLE WELDED WITH KEY AT PANEL ROOM

PANEL DETAILS:-

MAIN SIGNAL BUTTONS	1,2,3,4,5,6,11,12, 13,14
CALLING - ON SIGNAL BUTTONS	C-1,C-12, C-14
SHUNT SIGNAL BUTTONS	103,104,105,106,201,202,203,204
POINT BUTTONS	51,55,56
CRANK HANDLE CONTROL BUTTONS	CH-1,CH-6
HAND POINT BUTTONS	~~P-71~~, P-72
L-'X' ING GATE CONTROL BUTTONS	G-31,G-32
GROUND LEVER	~~P-71~~, P-72

NOTE :-

1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH WENA ~~AND NALANDA~~ AND DANIYAWAN
2. SINGLE LINE ~~TOKEN~~ NEAL'S BLOCK INSTRUMENT AT PANEL ROOM WORKING WITH WENA AND NALANDA. AND DANIYAWAN
3. MAGNETO TELEPHONE PROVIDED BETWEEN PANEL ROOM & L.C. GATE NO. 32,34, 27, 29, 30, 35, 37, 39, 9A, 10 9A & 10
4. ALL ANGLE OF XING ARE 1 IN 12 EXCEPT AS MENTIONED.
5. CONTROL TELEPHONE PROVIDED AT PANEL ROOM.
6. ~~SSDAC PROVIDED FOR LAST VEHICLE VERIFICATION & INTERLOCKED WITH BLOCK INSTRUMENT.~~ OF NALANDA & NOORSARAI
7. TRACK NO ~~1T & 2T~~ AND 11T & 12T STAGGERED BY 1.82M.
8. THIS SIP HAS BEEN MADE IN CONNECTION WITH NEW B.G. LINE IN BETWEEN DANIYAWAN-BIHARSHARIF.
9. INTERLOCKED SLIDING BOOM LOCK ARRANGEMENT PROVIDED AT LC GATE No 32 & 34.
10. UFSBI BLOCK PANEL WITH SSDAC PROVIDED BETWEEN BIHARSHARIF-WENA.
11. THE SIGNALLING INSTALLATION IS SUITABLE FOR 25 KV AC TRACTION.
12. ELECTRIC LIFTING BARRIER PROVIDED AT LC No: 34 'A' & 32 'C'
12. UFSBI BLOCK PANEL WITH HASSDAC PROVIDED BETWEEN BEHS-POE
13. ~~SINGLE LINE TOKEN NEAL'S BLOCK INSTRUMENT WITH NOORSARAI, PROVIDED AT PANEL ROOM.~~
14. ROAD SIG. SHALL DISPLAY RED ASPECT AT LC GATE No: 32'C' & 34'A' WHEN SLIDING BOOM IS USED TO CLOSE THE ROAD TRAFFIC.
15. UFSBI BLOCK PANEL WITH HASSDAC SINGLE LINE TYPE WORKING BETWEEN BEHS-~~CHANDI~~ STN. DHWN

L-XING DETAILS BETWEEN ~~DHWN~~ DHWN ~~GHANDI~~ - BEHS

SL. NO.	LC NO	CLASS	KM	M/UM	TELEPHONE CONECTION	BLOCK SECTION	INTERLOCKED/ NONINTERLOCKED
1.	1	C	5/0-1	M	~~DHWN~~ CHANDI	DHWN-BEHS	NI
2.	2	C	5/7-8	M	~~DHWN~~ CHANDI	DHWN-BEHS	NI
3.	3	C	6/2-3	M	~~DHWN~~ CHANDI	DHWN-BEHS	NI
4.	4	C	9/4-5	M	~~DHWN~~ CHANDI	DHWN-BEHS	NI
5.	5	C	11/8-9	M	~~DHWN~~ CHANDI	DHWN-BEHS	NI
6.	6.	C	14/4-5	M	~~DHWN~~ CHANDI	DHWN-BEHS	NI
7.	7.	C	15/4-5	M	~~DHWN~~ CHANDI	DHWN-BEHS	NI
8.	8	C	16/8-9	M	~~DHWN~~ CHANDI	DHWN-BEHS	NI
9.	9	C	18/7-8	M	~~DHWN~~ CHANDI	DHWN-BEHS	NI
10.	9A	C	24/0-1	M	~~BEHS~~ CHANDI	DHWN-BEHS	I
11.	10.	C	26/0-1	M	~~BEHS~~ CHANDI	DHWN-BEHS	NI

TELEPHONE CONNECTION REMAIN WITH DHWN

TELEPHONE CONNECTION REMAIN WITH BEHS.

L-XING DETAILS BETWEEN BEHS-WENA

S.NO	LC NO	CLASS	KM	M/UM	BLOCK SECTION	TELEPHONE	TVU	INTERLOCKED/ NONINTERLOCKED
1	30	BI	26/6-7	M	BEHS-WENA	BEHS	73400 ~~64907~~	~~NI~~ I
2	29	C	25/11-12	~~UM~~ M	BEHS-WENA	BEHS	~~2247~~ 2147	NI
3	27	C	24/2-3	M	BEHS-WENA	BEHS	4043	NI
4	25	C	22/3-4	M	BEHS-WENA	WENA	5093	NI
5	~~24A~~	~~C~~ A	20/12-21/0	M	BEHS-WENA	WENA	9419	NI
6	24A	~~A~~ C	20/10-11	UM	BEHS-WENA	WENA	3853	NI
7	23	C	19/13-14	M	BEHS-WENA	WENA	6686	NI
8	19A	C	17/8-9	~~UM~~ M	BEHS-WENA	WENA	3652	NI
9	19	C	17/5-6	~~UM~~ M	BEHS-WENA	WENA	5346	NI
10.	32	C	28/7-8	M	BEHS-WENA	BEHS	9443	I
11	17	C	~~15/14-15~~ 15/12-13	M	BEHS-WENA	WENA	14818	I

L-XING DETAIL BETWEEN BEHS-POE

S NO	LC NO	CLASS	KM	M/UM	BLOCK SECTION	TELEPHONE CONNECTED	TVU	INTERLOCKED/ NON INTERLOCKED
1	35	C	3/6-7	M	BEHS-POE	BEHS	5359	N/I
2	36	C	31/1-2	M	BEHS-POE	BEHS	2257	N/I
3	37	C	31/5-6	M	BEHS-POE	BEHS	9203	N/I
4	39	C	33/7-8	M	BEHS-POE	BEHS	14379	N/I
5	34	A	29/11-12	M	BEHS-POE	BEHS	102969	I
6	41	SPL	34/14-15	M	BEHS-POE	POE	182797	I

SPECIAL INSTRUCTION / APPROVED SPECIAL INSTRUCTION

SL.NO.	INSTRUCTION	ISSUED BY	AUTHORITY	REMARKS
1.	UNDER THE PROVISION OF GR.PARA 3.40(1)(b). ADEQUATE DISTANCE HAS BEEN RECKONED FROM THE STARTER FOR THE FOLLOWING SIGNALS.			
a.	SIG.NO. 5 ON COMMON LOOP LINE NO. 1 FOR RECEPTION OF UP TRAIN TOWARDS DEAD END.			
b.	SIG.NO. 6 ON COMMON LOOP LINE NO. 1 FOR RECEPTION OF DN TRAIN TOWARDS DEAD END.			
2.	UNDER THE PROVISION OF GR PARA 3.07(7)			
a.	UP GATE DIST OF LC 30'B1' IS COMBINED WITH UP ADV STR S-11 OF BEHS.			
b.	UP GATE DIST OF LC 30'B1' IS COMBINED WITH UP ADV STR S-13 OF BEHS.			

ALT	DESCRIPTION	REFRENCE	CRS SANCTION NO. & DATE	DATE OF COMM.
I	COMPLETION DRAWING MADE	CSTE/C/S/MHX/PATNA L.NO-ECR/S&T CON/DRWG/15 DT-27.3.15	3/I/C/7/VIII/14/87/H. DT-16-5-14	18.07.14
II	NEW BG LINE BETWEEN DHWN-BEHS TEMPORARY ENGG SDG LINE EXTENDED TO NEXT CROSSING STN DANIYAWAN.	1) DY. CSTE/C/S/MHX,ECR/PATNA, L.NO-ECR/S&T/CON/DRWG/15. DT-27.03.15. 11) TO SUIT CE'S DRG NO: Y-66-2012, ALT-II	3/I/C/7/VIII/15/68/H DT-16.6.15	22.6.15
III	PROVISION OF NEXT CROSSING BLOCK STN. NOORSARAI. AT KM 13.837	TO SUIT CE'S DRG NO-Y-66-2012 ALT-II, PHASE-I STAGE-I		
IV	COMPLE DRAWING MADE FOR ALT-II (NO CHANGE)			
V	PROVISION OF UFSBI BLOCK PANEL WITH SSDAC WORKING BETWEEN BIHARSHARIF-WENA.	DY.CSTE/CON/I/ECR/DNR, L.NO-SG/CON/		

(RAM BECHAN) CSTE/PLG/HJP

(JAGMOHAN RAM) CSTE/PLG/HJP

ALT	DESCRIPTION	REF.
VI	(i) EXISTING SIGNALLING INSTALLATION TO MODIFY TO SUIT 25KV AC TRACTION. (ii) NOTE NO 11 ADDED	
VII	A) PROVISION OF ELECTRIC LIFTING BARRIER AT LC NO: 34'A'. B) DETAILS OF LC GATE ON EITHER SIDE OF STATION MENTIONED. C) ADJACENT STATION NAME CHANGED FROM NALANDA TO PAWAPURI. D) PROVISION OF UFSBI BLOCK PANEL WITH HASSDAC WORKING BETWEEN BEHS-POE	
VIII	PLANNING OF UNMANNED L-XING BEHS-WENA SECTION	

AUTHORITY OF WORK :- PB ITEM NO-27 OF 2008-09

पूर्व मध्य रेलवे
दानापुर मंडल
EAST CENTRAL RAILWAY
DANAPUR DIVISION

APPROVED BY	COUNTER SIGNED BY		CHECKED BY				
(SHYAM LAL PRASAD) CSTE/PLG/HJP	(NEERAJ AMBASTHA) CTPM /ECR /HJP	(P.S. RAI)	(PRAMOD KUMAR)	(SMS SHAMSI)	(R.K.SINGH)	(S.KUMARI)	
FOR CSTE/ECR/HJP	FOR COM / ECR / HJP	CSTE/C/S/MHX	DY.CSTE/C/HQ/MHX	SSTE / CON / MHX	ASTE / CON / MHX	SSE / SIG / C / MHX	

C.R.S. SANCTION NO. 3/I/C/7/VIII/14/87/H
DATE :- 16.05.2014
COMPLETED ON 18.07.2014

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

BASED ON - CE'S DRG. NO. - Y-66-2012. (PHASE-I)

SIGNAL INTERLOCKING PLAN
(MACL, CLASS-'SPL',STD-II(R))

बिहारशरीफ (BEHS)
BIHARSHARIF

SIGNALLING PLAN NO. ECR / SIP/ DNR 302/2013

PREPARED BY SHREE TRADING BAILY ROAD 9470247326, 9007826420,9304679526