SPECIAL INSTRUCTION / APPROVED SPECIAL INSTRUCTION
SL.NO. | INSTRUCTION | ISSUED BY | AUTHORITY | REMARKS
ALT | DESCRIPTION | REFRENCE | CHECKED BY | COUNTER SIGNED BY | APPROVED BY | CRS SANCTION NO. & DATE | DATE OF COMM.
1. COMPLETION DRAWING MADE (NO ALT)
II PROVISION OF UFSBI BLOCK PANEL WITH BPACHASDK) BETWEEN 1) MAKHDUMPUR — TEHTA 10) MAKHDUMPUR — BELA.
III 1) COMPLETION DRAWING MADE — ALTERED FOR ALT-II (AS PER DY. CSTE/LS/DNR VERIFIED COMPLETION DWG) WITH REF. LETTER NO. T/LC/DNR/LC NO-38 & 43 & FOR UPKEEPING WITH REF. LETTER NO. T/LC/DNR/LC COMPLETION AS PER DY. CSTE/LS/DNR & SUPT. LS/DNR & SIDE LETTER
IV PROVISION OF ELECTRIC LIFTING BARRIER AT LC GATE NO. 37C
V PROVISION OF INTERLOCKED SLIDING BOOM IN ABOVE TO LIFTING BARRIER AT LC GATE NO. 37C
PATNA
NEXT STN: TEHTA
KM-33.975 FROM MAKHDUMPUR
BR NO 90 1x.91M BARREL CH: 662.0M (KM 67.55)
BR NO 89 1x.91M BARREL TO BE EXTENDED RCC BOX (1x2.00M) CH:1231.0M (KM 60.184)
BR NO 88 1x.91M BARREL TO BE EXTENDED RCC BOX (1x2.00M) CH:1548.0M (KM 59.887)
BR NO 87 1x.91M BARREL TO BE EXTENDED RCC BOX (1x2.00M) CH:2298.0M (KM 59.117)
BR NO 91 1x.91M BARREL TO BE EXTENDED RCC BOX (1x2.00M) CH: 313.0M AT KM(61.102)
NOTE:-
13 ELECTRIC LIFTING BARRIER PROVIDED AT LC GATE NO: 37C'
14 ROAD SIGNAL SHALL DISPLAY RED ASPECT AT LC NO: 37C' WHEN SLIDING BOOM IS USED TO CLOSE THE ROAD TRAFFIC.
15. SLIDING BOOM PROVIDED AT LC GATE NO: 37C'.
ASPECT CONTROL CHART UP DIRECTION
ASPECT CONTROL CHART (DN DIRECTION)
LEVEL UPTO 61.850 km
KM-60.771
CH:644.00M
HIGH LEVEL PASS. PLATFORM 550X10M
HIGH LEVEL PASS. PLATFORM 550X6M
C OF MAKHDUMPUR STATION BUILDING
CH: 0.00M (AT KM 61.415 FROM PATNA)
LEVEL UPTO 60.771
KM-61.860
CH:555.00
GAYA
NEXT STN: BELA
KM-10.937 FROM MAKHDUMPUR
LC GATE DETAILS IN BLOCK SECTION (MDE-BLA)
S.No. | LC.No | CLASS | M/UM | KM | SECTION | TELEPHONE CONNECTION
1 | 38 | C | M | 63/29-64/1 | MDE-BLA | MDE
2 | 43 | C | M | 68/29-69/1 | MDE-BLA | MDE
LEVING DETAILS IN BLOCK SECTION (MDE-THA)
S.No. | LC.No | CLASS | M/UM | KM | SECTION | TELEPHONE CONNECTION
1 | 35 | B2 | M | 59/27-29 | MDE-THA | THA
AUTHORITY OF WORK:- P.B. ITEM NO. - 40 OF 9-10
THIS SIP SUPERCEDES PREVIOUS SIP NO:- ECR/S:F(DNR)/236/2001
CENTRAL PANEL SIGNAL INTERLOCKING PLAN MACLS, CLASS-B, STD-II
मखदुमपुर MAKHDUMPUR
SIGNALLING PLAN NO. ECR/SIP/DNR/286/2010
PREPARED BY - SHREE TRADING-JAWAHAR NAGAR WEST BAILEY ROAD, PATNA
CHECKED BY
C.R.S. SANCTION NO.
17/4/IIII/274/H
DATE:- 29/09/2011
COMPLETED ON 27/07/2012
SCALE
LONGITUDINAL : 1CM = 10M
TRANSVERSE : 1CM = 5M
BASED ON - CE. DRG. NO.- Y-52-2010
COUNTER SIGNED BY
APPROVED BY
पूर्व मध्य रेल दानापुर मंडल
EAST CENTRAL RAILWAY DANAPUR DIVISION
NOTE :-
1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH BELA & TEHTA STATION.
2. MAGNETIC LINE BLOCK INSTRUMENT WORKING WITH BELA & TEHTA STATIONS AT PANEL ROOM.
3. TELEPHONE CONNECTION PROVIDED BETWEEN PANEL ROOM & L.C. GATE NO. 37 C' 38 C & 43 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. TWO NOS. APAR & ECR PATNA-GAYA SECTION DOUBLING BETWEEN PATNA-GAYA SECTION
9. SIGNALLING INSTALLATION HAS BEEN MADE TO SUIT ER SPECIFICATION
10. LOCKING ARRANGEMENT OF BOOM LOCK LEVER TO BE IN CONFORMITY WITH ER DRG. NO S1.06678
11. UFSBI BLOCK PANEL WITH BPACHASDK) WORKING BETWEEN MAKHDUMPUR - BELA
12. UFSBI BLOCK PANEL WITH BPACHASDK) WORKING BETWEEN MAKHDUMPUR - TEHTA
PANEL DETAILS
MAIN SIGNAL BUTTONS 1,2,3,4,5,6,11,12
CALLING - ON SIGNAL BUTTONS C-1,C-12
POINT BUTTONS 51,52,53,56,57,58.
CRANK HANDEL CONTROL BUTTONS CH-1,CH-2,CH-3,CH-6,CH-7,CH-8
L-'X' ING GATE CONTROL BUTTON G-31
CRANK HANDLE FOR PT 51 CRANK HANDLE FOR PT 52 CRANK HANDLE FOR PT 53 CRANK HANDLE FOR PT 56 CRANK HANDLE FOR PT 57 CRANK HANDLE FOR PT 58
ALL CRANK HANDLE WELDED WITH KEY AT PANEL ROOM
SLIDING KEY 'R1'
KEY 'B' TO COME FROM ARC LEVER (IN 'R' POSITION) AFTER BOOM LOCKING AND REMOVED IN GATE KEY LOCK TO RELEASE THE SIG
1. KEY 'A' TO COME FROM GATE WINCH MACHINE TO RELEASE ARC LEVER (IN 'R' POSITION) FOR BOOM LOCKING
KEY 'R1' TO COME FROM SLIDING KEY
KEY 'B' GOES TO G.L. EKT 'B'
AT G.L. (LC NO: 37C')
ASPECT CONTROL CHART (DN DIRECTION)
ASPECT CONTROL CHART UP DIRECTION