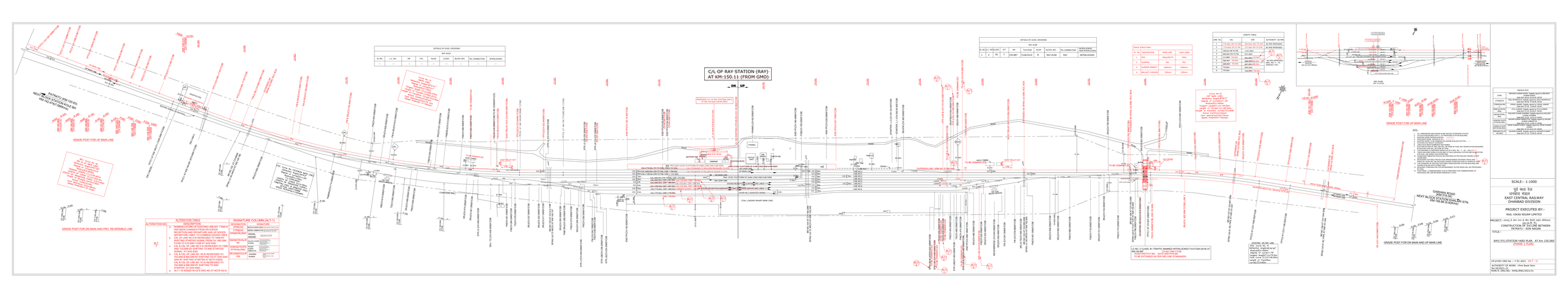
C/L OF RAY STATION (RAY) AT KM:150.11 (FROM GMO)
DN
UP
PROPOSED C/L OF RAY STATION (RAY) AT KM:150.660 (FROM GMO)
DETAILS OF LEVEL CROSSING
RAY-KUIE
SL NO.	LC NO	KM	TYG	NG/B	CLASS	BLOCK SEC.	TEL CONNECTION	INTERLOCKED
DETAILS OF LEVEL CROSSING
RAY-KUIE
SL NO. | LC NO | M/S | S/T | KM | TG/GTIME | NG/B | BLOCK SEC. | TEL CONNECTION | INTERLOCKED/ NON-INTERLOCKED
1 | 2 | R1 | T | 150.887 | 11/26/2019 | N | RAY-KUIE | RAY | INTERLOCKED
TRACK STRUCTURE :-
SL No. | DESCRIPTION | MAIN LINE | LOOP LINES
1 | RAIL | 60Kg/52Kg/52Kg | 52Kg
2 | SLEEPER | PSC | PSC
3 | SLEEPER DENSITY | 1660/Km | 1540/Km
4 | BALLAST CUSHION | 250mm | 250mm
LENGTH TABLE
LINE No. | C/L | AUTHORITY AS PER
1 | 779.30m (M1 TO DN) | 766.30m (M1 TO DP) | AS PER PROPOSED
2 | 1000.00m (M2 TO DN) | 1000.00m (M2 TO DP) | AS PER PROPOSED
3 | 1185.64m (M3 TO DN) | 1147.28m (M3 TO DP) | AS PER PROPOSED
4 | 999.84m (M4 TO DN) | 972.00m (M4 TO DP) | AS PER PROPOSED
5 | 314.98M (M5 DN) | 283.00m (M5 DP) | AS PER PROPOSED
6 | 356.76M (M6 DN) | 368.80M(M6 DN) | AS PER APPROVED
7 | 356.76M (M7 DN) | 368.80M(M7 DN) | AS PER APPROVED
8 | 356.76M (M8 DN) | 368.80M(M8 DN) | AS PER APPROVED
9 | 776.00m | 726.80M (M9 DN) | AS PER APPROVED
ALTERATION TABLE
ALTERATION NO. | DESCRIPTION
ALT-1 | a. "MOMENTARY CHARGE OF SYSTEM (IN NO '3 'AND 5 'MAN BOARD CHARGE OF SYSTEM ON LOCRO - RECEPTION AND DEPARTURE AND UP GOODS DEPARTURE LINE" IS INCREASED TO 70 (SEVENTY)
b. C/L OF LINE NO 5 IS INCREASED TO 70(M-PP-SHIFTING STARTER SIGNAL FROM CH: 492.60M TO 70.47.60M) AND 72(M-PP-SHIFTING
c. C/L & C/L OF LINE NO 5 IS INCREASED TO 73(M AND 72(0.60M BY SHIFTING TO AND STARTER SIGNAL FROM CH:
d. C/L & C/L OF LINE NO. 06 IS INCREASED TO 703.30M & 694.30M BY SHIFTING TO AT GND END SIGNAL FROM CH: 492.60M TO 703.30M
e. C/L & C/L OF LINE NO. 07 IS INCREASED TO 704.30M & 698.00M BY SHIFTING TO AND STARTER SIGNAL FROM CH:
f. ALT-1 IS ACCED IN DETS DRG NO ALT NOTE NO 5
SIGNATURE COLUMN (ALT-1)
DESIGNATION | SIGNATURE
DFM/DHC (RAIL/ANC) | Shailesh Kumar Meena Sr. Divisional Engineer (Co-ordination) Danapur
STM/DHC (SIGNAL/ANC) | Ajay Kumar Sr. Section Engineer (Signal) Danapur
ASSTT. MANAGER (SIGNAL/ANC) | Ajay Kumar Assistant Manager (Signal) Danapur
SR DOM/DHC/DNR | Ajay Kumar Sr. Divisional Operations Manager Danapur
SR DSTE/DHC/DNR VNE | Ajay Kumar Sr. Divisional Signal & Telecom Engineer Danapur
GRADE POST FOR UP MAIN LINE
GRADE POST FOR DN MAIN AND PRO. REVERSIBLE LINE
GRADE POST FOR DN MAIN AND UP MAIN LINE
GRADE POST FOR UP MAIN LINE
KEY PLAN
NOT TO SCALE
SCALE:- 1:1000
पूर्व मध्य रेल
EAST CENTRAL RAILWAY
DHANBAD DIVISION
PROJECT EXECUTED BY:-
RAIL VIKAS NIGAM LIMITED
PROJECT:- महत्व से काम के लिए हमारी वचन प्रतिबद्धता
QUALITY IN EVERY WORK
CONSTRUCTION OF 3RD LINE BETWEEN PATRATU - SONNAGAR
TITLE:-
RAY(ITU STATION YARD PLAN AT Km 150.050
(TRADE) PLANS
CE'S/RYPI DRG No :- 1 R1- 2021 (ALT-1)
AUTHORITY OF WORK :- Pink Book Item
No. 2019-20
PCN/ETL DRG.NO.:- RVNL/RNC/2021/35
Signature block
DFM/DHC (RAIL/ANC) — BRIJESH KUMAR PANDEY Divisional Engineer (Co-ordination) Dhanbad
STM/DHC (SIGNAL/ANC) — Vikas Kumar Sr. Section Engineer (Signal) Dhanbad
CPM/RTM (RLY) — VISHAL RANAA Deputy Chief Personnel Officer (Construction)
SR DEN (C) — ATUL KUMAR Senior Divisional Engineer (Construction)
SR DEE (TRD) — RANJEEV KUMAR Senior Divisional Electrical Engineer (Traction Distribution)
SR DSTE/DHC/DNR — RAKESH KUMAR Senior Divisional Signal & Telecom Engineer Dhanbad
SR DOM/DHC — RAJEEV RANJAN Senior Divisional Operations Manager Dhanbad
ASSTT. MANAGER (SIGNAL/ANC) — SHIVA KUMAR Assistant Manager (Signal) Dhanbad
SR DFM/DHC (RAIL/ANC) — RAM DEO JEE (ID NO.201 65 1978) Senior Divisional Engineer (Co-ordination) Dhanbad
SR DSO/DHC — ASHWINI KUMAR Senior Divisional Operations Manager Dhanbad
NOTES:-
ALL DIMENSIONS ARE SHOWN IN MM UNLESS OTHERWISE STATED.
ALL DIMENSIONS ARE SHOWN IN MM UNLESS OTHERWISE STATED.
EXISTING WORK SHOWN IN BLACK.
PROPOSED WORK SHOWN IN RED (UNLESS NOTED IN BLACK DOTTED).
LOCATION OF THE SIT CONDITIONS TO BE CONFIRMED BY THE CONTRACTOR.
ELECTRIFICATION AT 400 VAC 50, 3PH 4 WIRE FOR PLAN, ANY MODIFICATION REQUIRED SHALL BE DONE AS PER RDSO/ TI/ SPC/ PSI/ 0001 (0) 08.
ELECTRIFICATION AT 400 VAC 50, 3PH 4 WIRE FOR PLAN, ANY MODIFICATION REQUIRED SHALL BE DONE AS PER RDSO/ TI/ SPC/ PSI/ 0001 (0) 08.
FOR CIVIL WORKS CONSTRUCTION.
ALL DIMENSIONS ARE SHOWN IN MM UNLESS OTHERWISE STATED.
ALL DIMENSIONS ARE SHOWN IN MM UNLESS OTHERWISE STATED.
NOTHING SHALL BE SCALED FROM THIS DRAWING AT PRESENT BUT WILL BE PROVIDED AS PER RAILWAY BOARD LETTER NO. 2005/CE-I/CT/1 DATED 28.04.2005.
NOTHING SHALL BE SCALED FROM THIS DRAWING AT PRESENT BUT WILL BE PROVIDED AS PER RAILWAY BOARD LETTER NO. 2005/CE-I/CT/1 DATED 28.04.2005.
THE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN ALL ACCESS ROADS AS PER THE REQUIREMENTS OF THE CONSTRUCTION AGENCY.
THE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN ALL ACCESS ROADS AS PER THE REQUIREMENTS OF THE CONSTRUCTION AGENCY.
THE CONTRACTOR OF EXISTING FACILITIES FROM DISTURBANCE DURING THE CONSTRUCTION OF THE BUILDING AND ITS SERVICES.
THE CONTRACTOR OF EXISTING FACILITIES FROM DISTURBANCE DURING THE CONSTRUCTION OF THE BUILDING AND ITS SERVICES.
ALL DIMENSIONS SHOWN ARE FOR WITHDRAWAL OF RAY RIDGE RAIL. NO PROCESS.
ALL DIMENSIONS SHOWN ARE FOR WITHDRAWAL OF RAY RIDGE RAIL. NO PROCESS.
TRACTRIDE – CONSIDERATIONS PLAN IS PREPARED FOR CONSIDERATIONS OF EMERGENCY AND ACCIDENTAL CASES ONLY.
TRACTRIDE – CONSIDERATIONS PLAN IS PREPARED FOR CONSIDERATIONS OF EMERGENCY AND ACCIDENTAL CASES ONLY.
LC NO. 2 CLASS- B1 TRAFFIC MANNED INTERLOCKED TVU+TOR (2018) AT KM 150.887 OF RAY-KUIE SECTION
GATE WIDTH=7.3M
TO BE EXTENDED AS PER SKI LINE STANDARDS
LC NO. 3 CLASS- B1 TRAFFIC MANNED INTERLOCKED TVU+TOR (2018) AT KM 151.887 OF RAY-KUIE SECTION
GATE WIDTH=7.3M
TO BE EXTENDED AS PER SKI LINE STANDARDS
EXISTING UP/DN. LINE (TKS), Curve No.- 6 Deflection Angle=at 54° 00' Radius=at 1146.28m Degree of curve=5° 00' Transition length=at 120.00m Total Curve =2147.48.00m Tangent=1026.80m Length=1026.80m
Curve No.-6 Curve Length=2147.48m Degree of curve=5° 00' Radius=1146.28m Transition length=120.00m Actual Cant(Calculated)= 150mm Cant Deficiency=75mm Speed Potential=110kmph
Curve No.-6 Curve Length=2147.48m Degree of curve=5° 00' Radius=1146.28m Transition length=120.00m Actual Cant(Calculated)= 150mm Cant Deficiency=75mm Speed Potential=110kmph
HEAVY CREEP TO BE DISMANTLED
HEAVY RELAY HUT TO BE DISMANTLED
HEAVY CREEP TO BE DISMANTLED
HEAVY RELAY HUT TO BE DISMANTLED
GARHWA ROAD
NEXT BLOCK STATION KHALARI STN. KM 154.08 (R-RONAS)