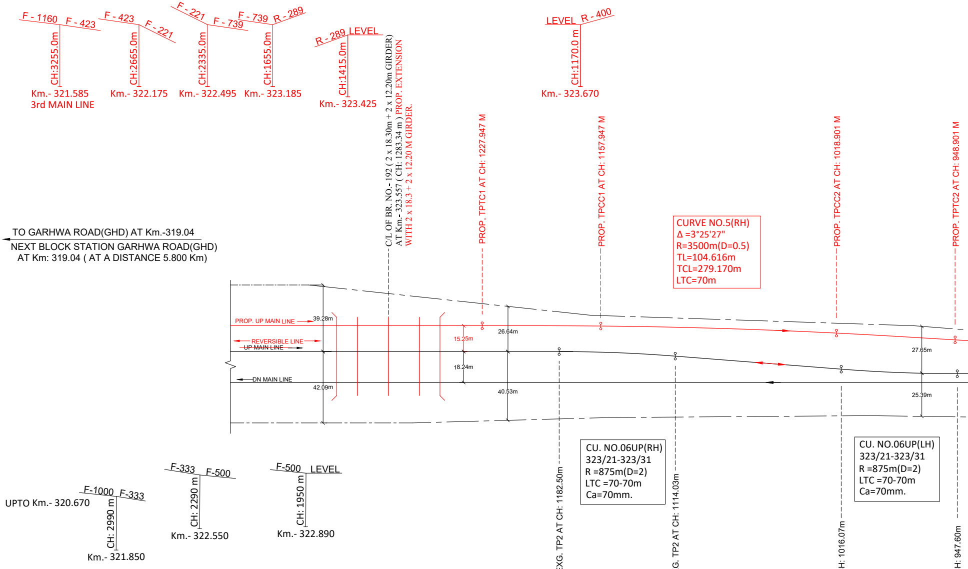
Sr.No	L.C. NO.	KM	CHAINAGE
1	74	324.177	662.81 M


F - 1160
F - 423
CH:3255.0m
Km.- 321.585
3rd MAIN LINE
F - 423
F - 221
CH:2665.0m
Km.- 322.175
F - 221
F - 739
CH:2335.0m
Km.- 322.495
F - 739
R - 289
CH:1655.0m
Km.- 323.185
R - 289
LEVEL
CH:1415.0m
Km.- 323.425
C/L OF BR. NO.- 192 (2 x 18.30m + 2 x 12.20m GIRDER)
AT Km.- 323.557 (CH: 1283.34 m) PROP. EXTENSION
WITH 2 x 18.3 + 2 x 12.20 M GIRDER.
LEVEL
R - 400
CH:1170.0 m
Km.- 323.670
PROP. TPTC1 AT CH: 1227.947 M
PROP. TPCC1 AT CH: 1157.947 M
PROP. TPCC2 AT CH: 1018.901 M
PROP. TPTC2 AT CH: 948.901 M
CURVE NO.5(RH)
Δ =3°25'27"
R=3500m(D=0.5)
TL=104.616m
TCL=279.170m
LTC=70m
TO GARHWA ROAD(GHD) AT Km.-319.04
NEXT BLOCK STATION GARHWA ROAD(GHD)
AT Km: 319.04 (AT A DISTANCE 5.800 Km)
PROP. UP MAIN LINE
39.28m
REVERSIBLE LINE
UP MAIN LINE
DN MAIN LINE
42.09m
15.25m
18.24m
26.64m
40.53m
27.65m
25.39m
CU. NO.06UP(RH)
323/21-323/31
R =875m(D=2)
LTC =70-70m
Ca=70mm.
CU. NO.06UP(LH)
323/21-323/31
R =875m(D=2)
LTC =70-70m
Ca=70mm.
EXG. TP2 AT CH: 1182.50m
EXG. TP2 AT CH: 1114.03m
EXG. TP1 AT CH: 1016.07m
EXG. TP2 AT CH: 947.60m
F-333
F-500
CH: 2290 m
Km.- 322.550
F-500
LEVEL
CH: 1950 m
Km.- 322.890
UPTO Km.- 320.670
F-1000
F-333
CH: 2990 m
Km.- 321.850

ALTERATION- 01:-

DURING SHIFFTING OF POINT AND CROSSING WITHIN TRANSITION PORTION AND OTHER CORRECTIONS AS PER CRS/KKK GUIDE LINE, WITH ALT-01. HENCE THE NECESSARY CORRECTION HAS BEEN MADE IN THE APPROVED ESP WITH ALT-01 IN CE'S DRG. NO.- Y - 95 - 2021 ARE AS UNDER :-

ALT-01 (a) - IN GHD END TPTC1 AT CH:837.472M, & TPCC1 AT CH:774.472M TO BE CHANGED AT TPTC1 AT CH:837.534M, & TPCC1 AT CH:777.534M.

ALT-01 (b) - IN GHD END FM AT CH:797.15M, & CH:782.76M TO BE SHIFTED AT CH:801.35M & CH:779.80M.

ALT-01 (c) - IN GHD END BRIDGE NO.190 PROPOSED SPAN 2.0M TO BE CHANGED SPAN 1.83M.

ALT-01 (d) - IN SEB END STR. LINE NO.4 AT CH:334.25M, LINE NO.5 AT CH:507.30M & LINE NO.6 AT CH:403.70M TO BE SHIFTED AT STR. LINE NO.4 AT CH:320.25M, LINE NO.5 AT CH:512.90M & LINE NO.6 AT CH:395.30M.

ALT-01 (e) - IN SEB END FM AT CH:420.00M, CH:537.10M & CH:595.10M TO BE SHIFTED AT CH:416.30M, CH:533.90M & CH:598.30M.

ALT-01 (f) - IN SEB END EXISTING CURVE DETAILS OF 08DN (LH/RH) T1 CH:478.35M & T2 CH:598.47M HAS BEEN SHIFTED TOWARDS SEB END L/H TPTC1 CH:509.85M, TPCC1 CH:554.85M, TPCC2 CH:561.348M & TPTC2 CH:606.348M AND R/H TPTC1 CH:663.856M, TPCC1 CH:708.856M, TPCC2 CH:715.354M & TPTC2 CH:760.354M

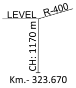
ALT-01 (g) - LINE NO.4 CSL=877.25M, LINE NO.5 CAL=922.25M CSL=892.45M & LINE NO.6 CAL=789.00M, CSL=765.70M TO BE CHANGED LINE NO.4 CSL=863.25M, LINE NO.5 CAL=919.05M CSL=898.05M & LINE NO.6 CAL=785.30M CSL=757.30M.

ALT-01 (h) - ALL THE PROPOSED POINTS ARE TWS.

ALT-01 (i) - ORIENTATION OF DS AT CH:918.84M TOWARDS SEB END IS CHANGED.

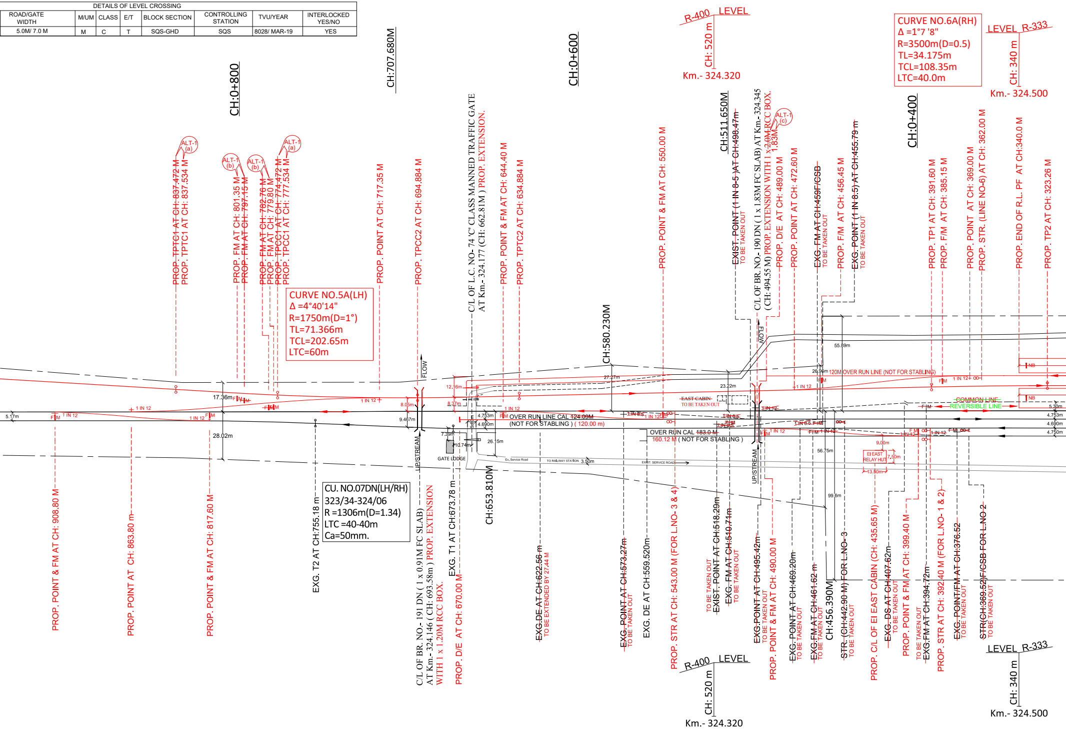
ALT-01 (j) - IN SEB END EI WEST RELAY HUT AT CH:585.00M DISTANCE 16.75M TO BE CHANGED DISTANCE 9.0M.

ALT-01 (k) - KEY PLAN CHANGES AS PER CHANGES IN DRAWING.


LEVEL
R-400
CH: 1170 m
Km.- 323.670

DETAILS OF LEVEL CROSSING

ROAD/GATE WIDTH	M/UM	CLASS	E/T	BLOCK SECTION	CONTROLLING STATION	TVU/YEAR	INTERLOCKED YES/NO
5.0M/ 7.0 M	M	C	T	SQS-GHD	SQS	8028/ MAR-19	YES

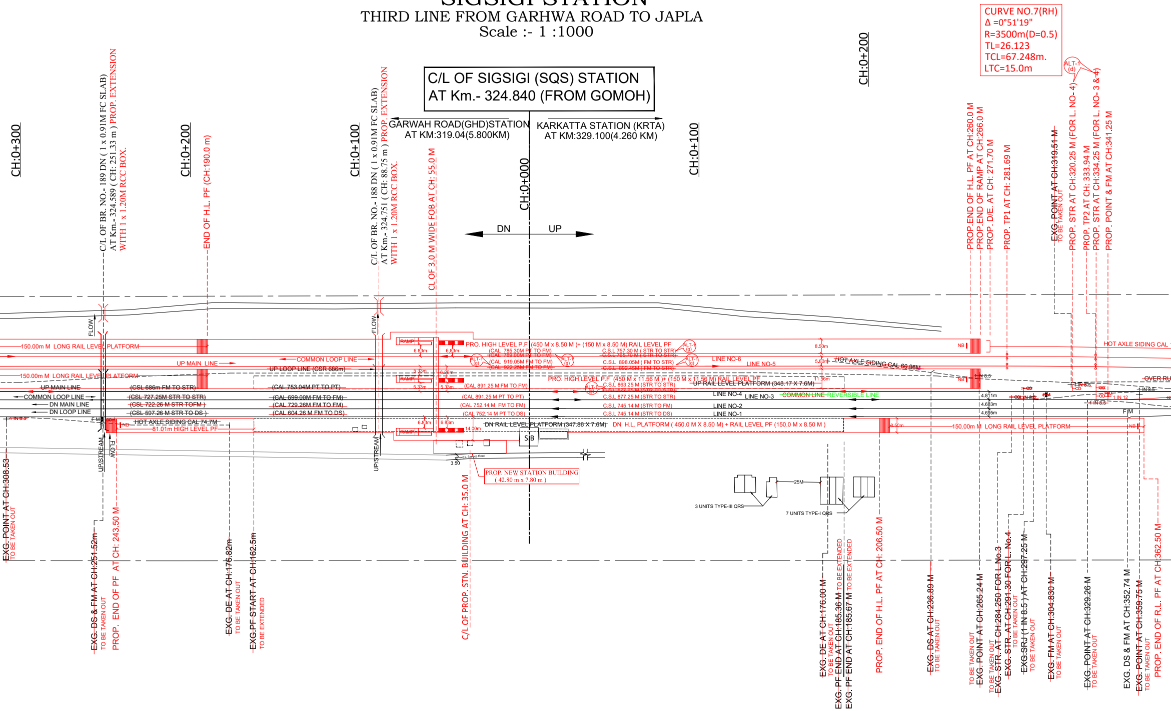


R-400 LEVEL
CH: 520 m
Km.- 324.320
CURVE NO.6A(RH)
Δ =1°7 '8"
R=3500m(D=0.5)
TL=34.175m
TCL=108.35m
LTC=40.0m
LEVEL R-333
CH: 340 m
Km.- 324.500
CH:0+800
CH:707.680M
CH:0+600
CH:511.650M
CH:0+400
ALT-1 (a)
ALT-1 (b)
ALT-1 (c)
PROP. TPTC1 AT CH: 837.472 M
PROP. TPTC1 AT CH: 837.534 M
PROP. FM AT CH: 801.35 M
PROP. FM AT CH: 797.15 M
PROP. FM AT CH: 782.76 M
PROP. FM AT CH: 779.80 M
PROP. TPCC1 AT CH: 774.472 M
PROP. TPCC1 AT CH: 777.534 M
CURVE NO.5A(LH)
Δ =4°40'14"
R=1750m(D=1°)
TL=71.366m
TCL=202.65m
LTC=60m
PROP. POINT AT CH: 717.35 M
PROP. TPCC2 AT CH: 694.884 M
C/L OF L.C. NO- 74 'C' CLASS MANNED TRAFFIC GATE AT Km.- 324.177 (CH: 662.81M) PROP. EXTENSION.
PROP. POINT & FM AT CH: 644.40 M
PROP. TPTC2 AT CH: 634.884 M
PROP. POINT & FM AT CH: 550.00 M
EXIST. POINT (1 IN 8.5) AT CH:498.47m
TO BE TAKEN OUT
C/L OF BR. NO.- 190 DN (1 x 1.83M FC SLAB) AT Km.- 324.345 (CH: 494.55 M) PROP. EXTENSION WITH 1 x 2.0M RCC BOX.
1.83M
PROP. D/E AT CH: 489.00 M
PROP. POINT AT CH: 472.60 M
EXG. FM AT CH:459F/CSB
TO BE TAKEN OUT
PROP. F/M AT CH: 456.45 M
EXG. POINT (1 IN 8.5) AT CH:455.79 m
TO BE TAKEN OUT
PROP. TP1 AT CH: 391.60 M
PROP. F/M AT CH: 385.15 M
PROP. POINT AT CH: 369.00 M
PROP. STR. (LINE NO-6) AT CH: 362.00 M
PROP. END OF R.L. PF AT CH:340.0 M
PROP. TP2 AT CH: 323.26 M
CH:580.230M
FLOW
17.36m
28.02m
5.17m
1 IN 12
12.16m
8.05m
8.37m
9.467m
27.27m
23.22m
26.96m
55.89m
120M OVER RUN LINE (NOT FOR STABLING)
EAST CABIN
TO BE TAKEN OUT
COMMON LINE
REVERSIBLE LINE
NB
OVER RUN LINE CAL 124.09M
(NOT FOR STABLING) (120.00 m)
OVER RUN CAL 183.0 M
160.12 M (NOT FOR STABLING)
4.753m
4.690m
4.750m
5.30m
7.39m
10.74m
26.15m
GATE LODGE
UP/STREAM
Ex. Service Road
TO RAILWAY STATION 3.50m
EXIST. SERVICE ROAD
56.75m
9.00m
EI EAST RELAY HUT
7.50m
13.50m
99.6m
PROP. POINT & FM AT CH: 908.80 M
PROP. POINT AT CH: 863.80 m
PROP. POINT & FM AT CH: 817.60 M
EXG. T2 AT CH:755.18 m
CU. NO.07DN(LH/RH)
323/34-324/06
R =1306m(D=1.34)
LTC =40-40m
Ca=50mm.
C/L OF BR. NO.- 191 DN (1 x 0.91M FC SLAB) AT Km.- 324.146 (CH: 693.58m) PROP. EXTENSION WITH 1 x 1.20M RCC BOX.
EXG. T1 AT CH:673.78 m
PROP. D/E AT CH: 670.00 M
CH:653.810M
EXG.DE AT CH:622.56 m
TO BE EXTENDED BY 27.44 M
EXG. POINT AT CH:573.27m
TO BE TAKEN OUT
EXG. DE AT CH:559.520m
PROP. STR AT CH: 543.00 M (FOR L.NO-3 & 4)
EXIST. POINT AT CH:518.29m
TO BE TAKEN OUT
EXG. FM AT CH:510.71m
TO BE TAKEN OUT
EXG.POINT AT CH:495.42m
TO BE TAKEN OUT
PROP. POINT & FM AT CH: 490.00 M
EXG. POINT AT CH:469.20m
TO BE TAKEN OUT
EXG.FM AT CH:461.62 m
TO BE TAKEN OUT
CH:456.390M
STR. (CH:442.90 M) FOR L.NO-3
TO BE TAKEN OUT
PROP. C/L OF EI EAST CABIN (CH: 435.65 M)
EXG. DS AT CH:407.62m
TO BE TAKEN OUT
PROP. POINT & FM AT CH: 399.40 M
EXG.FM AT CH:394.72m
TO BE TAKEN OUT
PROP. STR AT CH: 392.40 M (FOR L.NO- 1 & 2)
EXG. POINT/FM AT CH:376.52
TO BE TAKEN OUT
STR(CH:369.52)F/CSB FOR L.NO 2
TO BE TAKEN OUT
R-400 LEVEL
CH: 520 m
Km.- 324.320
LEVEL R-333
CH: 340 m
Km.- 324.500

SIGSIGI STATION

THIRD LINE FROM GARHWA ROAD TO JAPLA

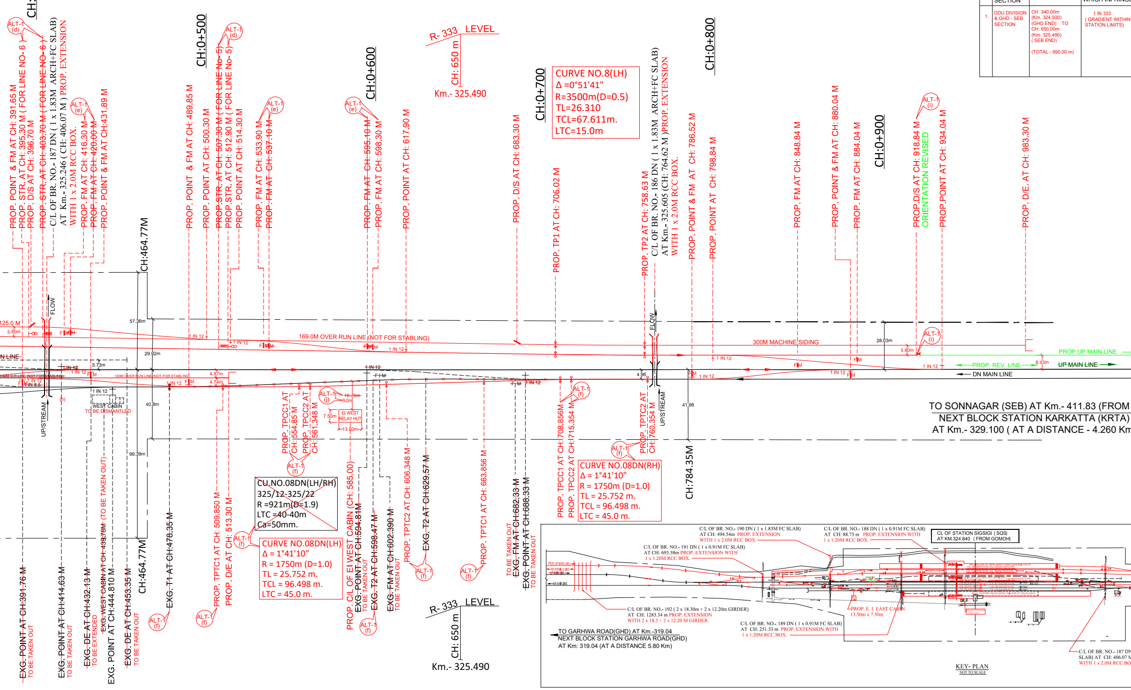
Scale :- 1 :1000


CURVE NO.7(RH)
Δ =0°51'19"
R=3500m(D=0.5)
TL=26.123
TCL=67.248m.
LTC=15.0m
C/L OF SIGSIGI (SQS) STATION
AT Km.- 324.840 (FROM GOMOH)
GARWAH ROAD(GHD)STATION
AT KM:319.04(5.800KM)
KARKATTA STATION (KRTA)
AT KM:329.100(4.260 KM)
CH:0+300
CH:0+200
CH:0+100
CH:0+000
CH:0+100
CH:0+200
C/L OF BR. NO.- 189 DN (1 x 0.91M FC SLAB)
AT Km.- 324.589 (CH: 251.33 m) PROP. EXTENSION
WITH 1 x 1.20M RCC BOX.
END OF H.L. PF (CH:190.0 m)
C/L OF BR. NO.- 188 DN (1 x 0.91M FC SLAB)
AT Km.- 324.751 (CH: 88.75 m) PROP. EXTENSION
WITH 1 x 1.20M RCC BOX.
CL OF 3.0 M WIDE FOB AT CH: 55.0 M
DN
UP
PROP.END OF H.L. PF AT CH:260.0 M
PROP.END OF RAMP AT CH:266.0 M
PROP. D/E. AT CH: 271.70 M
PROP. TP1 AT CH: 281.69 M
EXG. POINT AT CH:319.51 M
TO BE TAKEN OUT
PROP. STR AT CH:320.25 M (FOR L. NO- 4)
PROP. TP2 AT CH: 333.94 M
PROP. STR AT CH:334.25 M (FOR L. NO- 3 & 4)
PROP. POINT & FM AT CH:341.25 M
ALT-1 (d)
FLOW
FLOW
150.00m M LONG RAIL LEVEL PLATFORM
UP MAIN LINE
COMMON LOOP LINE
UP LOOP LINE (CSR 686m)
150.00m M LONG RAIL LEVEL PLATFORM
UP MAIN LINE
COMMON LOOP LINE
DN MAIN LINE
DN LOOP LINE
1 IN 8.5
F M
NB
HOT AXLE SIDING CAL 74.7M
81.01m HIGH LEVEL PF
(CSL 686m FM TO STR)
(CSL 727.25M STR TO STR)
(CSL 722.26 M STR TOFM)
(CSL 597.26 M STR TO DS)
(CAL 753.04M PT TO PT)
(CAL 699.00M FM TO FM)
(CAL 729.26M FM TO FM)
(CAL 604.26 M FM TO DS)
RAMP
RAMP
RAMP
6.83m
6.83m
5.33m
6.20m
5.33m
5.33m
6.83m
6.83m
14.00m
PRO. HIGH LEVEL P.F (450 M x 8.50 M)+ (150 M x 8.50 M) RAIL LEVEL PF
(CAL 785.30M PT TO FM)
(CAL 789.00M PT TO FM)
(CAL 919.05M FM TO FM)
(CAL 922.25M FM TO FM)
ALT-1 (g)
ALT-1 (g)
C.S.L 757.30 M (STR TO STR)
C.S.L 765.70 M (STR TO STR)
C.S.L 898.05M (FM TO STR)
C.S.L 892.45M (FM TO STR)
ALT-1 (g)
ALT-1 (g)
LINE NO-6
LINE NO-5
PRO. HIGH LEVEL P.F (450 M x 11.56 M)+ (150 M x 11.56 M) RAIL LEVEL PF
UP RAIL LEVEL PLATFORM (348.17 X 7.6M)
(CAL 891.25 M FM TO FM)
ALT-1 (g)
C.S.L 863.25 M (STR TO STR)
C.S.L 877.25 M (STR TO STR)
(CAL 891.25 M PT TO PT)
C.S.L 877.25 M (STR TO STR)
(CAL 752.14 M FM TO FM)
C.S.L 745.14 M (STR TO FM)
(CAL 752.14 M PT TO DS)
C.S.L 745.14 M (STR TO DS)
LINE NO-4
LINE NO-3
COMMON LINE
REVERSIBLE LINE
LINE NO-2
LINE NO-1
DN RAIL LEVEL PLATFORM (347.86 X 7.6M)
DN H.L. PLATFORM (450.0 M X 8.50 M) + RAIL LEVEL PF (150.0 M x 8.50 M)
SIB
Ex. Service Road
3.50
PROP. NEW STATION BUILDING
(42.80 m x 7.80 m)
UP/STREAM
UP/STREAM
FLOW
8.50m
5.80m
11.56m
HOT AXLE SIDING CAL 60.96M
NB
NB
1 IN 8.5
4.811m
4.683m
4.695m
1 IN 8.5
1 IN 8.5
1 IN 8.5
1 IN 12
1 IN 8.5
FM
FM
OVER RU
HOT AXLE SIDING CAL
8.50m
150.00m M LONG RAIL LEVEL PLATFORM
NB
25M
3 UNITS TYPE-III QRS
7 UNITS TYPE-I QRS
EXG. POINT AT CH:308.53
TO BE TAKEN OUT
EXG. DS & FM AT CH:251.52m
TO BE TAKEN OUT
PROP. END OF PF AT CH: 243.50 M
EXG. DE AT CH:176.82m
TO BE TAKEN OUT
EXG.PF START AT CH:162.5m
TO BE EXTENDED
C/L OF PROP. STN. BUILDING AT CH: 35.0 M
EXG. DE AT CH:176.00 M
TO BE TAKEN OUT
EXG. PF END AT CH:185.36 M
TO BE EXTENDED
EXG. PF END AT CH:185.67 M
TO BE EXTENDED
PROP. END OF H.L. PF AT CH: 206.50 M
EXG. DS AT CH:236.89 M
TO BE TAKEN OUT
TO BE TAKEN OUT
EXG. POINT AT CH:265.24 M
TO BE TAKEN OUT
EXG. STR. AT CH:284.250 FOR L.No.3
EXG. STR. AT CH:291.30 FOR L. No.4
TO BE TAKEN OUT
EXG.SRJ (1 IN 8.5) AT CH:297.25 M
TO BE TAKEN OUT
EXG. FM AT CH:304.830 M
TO BE TAKEN OUT
EXG. POINT AT CH:329.26 M
TO BE TAKEN OUT
EXG. DS & FM AT CH:352.74 M
EXG. POINT AT CH:359.75 M
TO BE TAKEN OUT
PROP. END OF R.L. PF AT CH:362.50 M

DETAILS OF LEVEL CROSSING											
Sr.No	L.C. NO.	KM	CHAINAGE	ROAD/GATE WIDTH	M/UM	CLASS	E/T	BLOCK SECTION	CONTROLLING STATION	TVU/YEAR	INTERLOCKED YES/NO
1	71	328.353	3513	5.0M/ 7.0 M	M	C	E	KRTA-SQS	KRTA	8029/MAR-19	NO

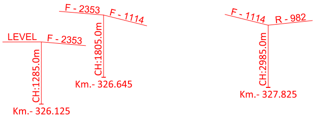
FORM - XVII

INFRINGEMENT AND N			
SL. NO.	LOCATION DIVISION & SECTION	LOCATION KILOMETERAGE	NAME OF STRUCTURE WHICH INFRINGE
1.	DDU DIVISION & GHD - SEB SECTION	CH: 340.00m (Km. 324.500) (GHD END) TO CH: 650.00m (Km. 325.490) (SEB END) (TOTAL - 990.00 m)	1 IN 333 (GRADIENT WITHIN STATION LIMITS)



CH:0+400
CH:0+500
CH:0+600
CH:0+700
CH:0+800
CH:0+900
R- 333 LEVEL
CH: 650 m
Km.- 325.490
CURVE NO.8(LH)
Δ =0°51'41"
R=3500m(D=0.5)
TL=26.310
TCL=67.611m.
LTC=15.0m
PROP. POINT & FM AT CH: 391.65 M
PROP. STR. AT CH: 395.30 M (FOR LINE NO- 6)
PROP. D/S AT CH: 396.70 M
PROP. STR. AT CH: 403.70 M (FOR LINE NO- 6)
C/L OF BR. NO.- 187 DN (1 x 1.83M ARCH+FC SLAB) AT Km.- 325.246 (CH: 406.07 M) PROP. EXTENSION WITH 1 x 2.0M RCC BOX.
PROP. FM AT CH: 416.30 M
PROP. FM AT CH: 420.00 M
PROP. POINT & FM AT CH:431.89 M
PROP. POINT & FM AT CH: 489.85 M
PROP. POINT AT CH: 500.30 M
PROP. STR. AT CH: 507.30 M (FOR LINE No- 5)
PROP. STR. AT CH: 512.90 M (FOR LINE No- 5)
PROP. POINT AT CH: 514.30 M
PROP. FM AT CH: 533.90 M
PROP. FM AT CH: 537.10 M
PROP. FM AT CH: 595.10 M
PROP. FM AT CH: 598.30 M
PROP. POINT AT CH: 617.90 M
PROP. D/S AT CH: 683.30 M
PROP. TP1 AT CH: 706.02 M
PROP. TP2 AT CH: 758.63 M
C/L OF BR. NO.- 186 DN (1 x 1.83M ARCH+FC SLAB) AT Km.- 325.605 (CH: 764.62 M)PROP. EXTENSION WITH 1 x 2.0M RCC BOX.
PROP. POINT & FM AT CH: 786.52 M
PROP. POINT AT CH: 798.84 M
PROP. FM AT CH: 848.84 M
PROP. POINT & FM AT CH: 880.04 M
PROP. FM AT CH: 884.04 M
PROP.D/S AT CH: 918.84 M
ORIENTATION REVISED
PROP.POINT AT CH: 934.04 M
PROP. D/E. AT CH: 983.30 M
ALT-1 (d)
ALT-1 (e)
ALT-1 (f)
ALT-1 (i)
ALT-1 (j)
CH:464.77M
CH:784.35M
57.36m
29.92m
40.8m
99.39m
28.03m
41.66
5.73m
5.80m
8.43m
4.87m
4.74m
4.96
16.75m
9.0m
7.50m
13.50m
125.0 M
FLOW
UP/STREAM
169.0M OVER RUN LINE (NOT FOR STABLING)
120M OVER RUN LINE (NOT FOR STABLING)
300M MACHINE SIDING
1 IN 12
FM
N LINE
WEST CABIN TO BE DISMANTLED
EI WEST RELAY HUT
PROP. UP MAIN LINE
PROP. REV. LINE
UP MAIN LINE
DN MAIN LINE
TO SONNAGAR (SEB) AT Km.- 411.83 (FROM
NEXT BLOCK STATION KARKATTA (KRTA)
AT Km.- 329.100 (AT A DISTANCE - 4.260 Km
PROP. TPCC1 AT CH: 554.85 M
PROP. TPCC2 AT CH: 561.348 M
CU.NO.08DN(LH/RH)
325/12-325/22
R =921m(D=1.9)
LTC =40-40m
Ca=50mm.
CURVE NO.08DN(LH)
Δ = 1°41'10"
R = 1750m (D=1.0)
TL = 25.752 m.
TCL = 96.498 m.
LTC = 45.0 m.
CURVE NO.08DN(RH)
Δ = 1°41'10"
R = 1750m (D=1.0)
TL = 25.752 m.
TCL = 96.498 m.
LTC = 45.0 m.
PROP. TPCC1 AT CH:708.856M
PROP. TPCC2 AT CH:715.354 M
PROP. TPTC2 AT CH: 760.354 M
EXG. POINT AT CH:391.76 M TO BE TAKEN OUT
EXG. POINT AT CH:414.63 M TO BE TAKEN OUT
EXG. DE AT CH:432.13 M TO BE EXTENDED
EXG. WEST CABIN AT CH: 439.78M (TO BE TAKEN OUT)
EXG. POINT AT CH:444.810 M
EXG. DE AT CH:453.35 M TO BE TAKEN OUT
EXG. T1 AT CH:478.35 M
PROP. TPTC1 AT CH: 509.850 M
PROP. D/E AT CH: 513.30 M
PROP. C/L OF EI WEST CABIN (CH: 585.00)
EXG. POINT AT CH:594.81M TO BE TAKEN OUT
EXG. T2 AT CH:598.47 M
EXG. FM AT CH:602.390 M TO BE TAKEN OUT
PROP. TPTC2 AT CH: 606.348 M
EXG. T2 AT CH:629.57 M
PROP. TPTC1 AT CH: 663.856 M
EXG. FM AT CH:682.33 M TO BE TAKEN OUT
EXG. POINT AT CH:688.33 M TO BE TAKEN OUT
C/L OF BR. NO.- 190 DN (1 x 1.83M FC SLAB) AT CH: 494.54m PROP. EXTENSION WITH 1 x 2.0M RCC BOX.
C/L OF BR. NO.- 188 DN (1 x 0.91M FC SLAB) AT CH: 88.75 m PROP. EXTENSION WITH 1 x 1.20M RCC BOX.
C/L OF STATION SIGSIGI (SQS) AT KM.324.840 (FROM GOMOH)
C/L OF BR. NO.- 191 DN (1 x 0.91M FC SLAB) AT CH: 693.58m PROP. EXTENSION WITH 1 x 1.20M RCC BOX.
C/L OF BR. NO.- 192 (2 x 18.30m + 2 x 12.20m GIRDER) AT CH: 1283.34 m PROP. EXTENSION WITH 2 x 18.3 + 2 x 12.20 M GIRDER.
PROP. E. I. EAST CABIN 13.50m x 7.50m
C/L OF BR. NO.- 189 DN (1 x 0.91M FC SLAB) AT CH: 251.33 m PROP. EXTENSION WITH 1 x 1.20M RCC BOX.
TO GARHWA ROAD(GHD) AT Km.-319.04
NEXT BLOCK STATION GARHWA ROAD(GHD)
AT Km: 319.04 (AT A DISTANCE 5.80 Km)
C/L OF BR. NO.- 187 DN SLAB) AT CH: 406.07 M WITH 1 x 2.0M RCC BO
KEY- PLAN
NOT TO SCALE

GAUGE - 1676 MM					
MAXIMUM & MINIMUM DIMENSION (GRADIENT WITH STATION LIMITS)					
PRESCRIBED MAXIMUM		EXISTING ACTUAL DIMENSION	AMOUNT OF INFRINGEMENT	PARTICULAR OF SANCTION OF INFRINGEMENT AND REMARKS
CHAPTER ITEMS	MAXIMUM/ MINIMUM			
IRSOD 1676mm GAUGE (B.G.) REVISE 2016 CH. NO.- II , SL. NO.- 2 NOTE - d (i) & (ii)	1 IN 400 (0.25%)	1 IN 333 (0.30%)	(0.05%)	THE EXISTING AND PROPOSED GRADIENT IN STATION LIMIT OF SIGSIGI IS STEEPER THAN 1 IN 400 BETWEEN Km- 324.500 (GHD END) TO Km. 325.490 (SEB END) IN SINGLE PATCH AS INDICATED. AS SUCH CONDONATION FOR INFRINGEMENT OF GRADIENT 1 IN 333 IS BEING PROCESSED



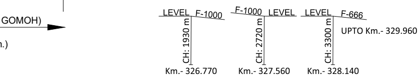
F - 2353
F - 1114
LEVEL
F - 2353
CH:1805.0m
Km.- 326.645
CH:1285.0m
Km.- 326.125
F - 1114
R - 982
CH:2985.0m
Km.- 327.825

LEGEND:

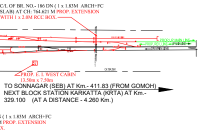
1. RAILWAY LAND BOUNDARY	–	— · —
2. EXISTING WORK	–	———
3. DISMANTLED WORK	–	- - - - - - - -
4. PROPOSED WORK (PHASE - I)	–	🟥
5. FUTURE WORK (FINAL PHASE)	–	🟩

Signature block For Alt-01	
CPDE	BRIJESH KUMAR SINGH Date: 2022.03.05 13:21:31 +05'30'
CTPM/ECR	NEERAJ AMBASTHA Digitally signed by NEERAJ AMBASTHA Date: 2022.03.05 10:33:44 +05'30'
CPM/PATNA/RVNL	KRISHNA KUMAR BHARGAVA Digitally signed by KRISHNA KUMAR BHARGAVA Date:2022.03.02 07:29:40 +05'30'
GM/S&T/RVNL/BSB	RAJESH KUMAR SINGH Digitally signed by RAJESH KUMAR SINGH Date:2022.03.02 04:21:19 +05'30'
GM/Electrical/RVNL/BSB	PIYUSH SINGH Digitally signed by PIYUSH SINGH Date:2022.03.02 07:00:45 +05'30'
Sr.DGM/CIVIL/DDS	MANOJ KUMAR SINGH Digitally signed by MANOJ KUMAR SINGH Date:2022.03.02 06:26:15 +05'30'
Manager/Civil/Exp/RVNL/PNBE	VINOD KUMAR VERMA Digitally signed by VINOD KUMAR VERMA Date:2022.03.02 02:42:34 +05'30'

Signature block	
CPDE	BRIJESH KUMAR SINGH Digitally signed by BRIJESH KUMAR SINGH Date:2021.08.17 11:54:30 +05'30'
CTPM/ECR	ANUJ BHARGAVA Digitally signed by ANUJ BHARGAVA Date:2021.08.17 10:24:33 +05'30'
DRM/MGS	Rajesh Kumar Pandey Digitally signed by Rajesh Kumar Pandey Date:2021.07.20 11:40:08 +05'30'
Sr.DEN/Co/MGS	WARIJ NAYAN Digitally signed by WARIJ NAYAN Date:2021.07.14 04:01:36 +05'30'
SrDOM/MGS	SUDHANSU RANJAN Digitally signed by SUDHANSU RANJAN Date:2021.07.07 07:18:16 +05'30'
SrDSTE CO MGS	BRIJESH KUMAR YADAV Digitally signed by BRIJESH KUMAR YADAV Date:2021.07.12 02:01:03 +05'30'
SrDCM/MGS	RUPESH KUMAR Digitally signed by RUPESH KUMAR Date:2021.07.09 05:17:29 +05'30'
SrDEE/G/MGS	KARPOOR CHANDRA YADAV Digitally signed by KARPOOR CHANDRA YADAV Date:2021.07.07 12:38:43 +05'30'
SrDEE/TRD/MGS	OMPRAKASH SINGH YADAV Digitally signed by OMPRAKASH SINGH YADAV Date:2021.07.06 03:49:36 +05'30'
SrDEN/3/MGS	Mohit Sahu Digitally signed by Mohit Sahu Date:2021.07.06 04:24:03 +05'30'
SSE/DRG/S&T/1/MGS	Ajay Kumar Saha Digitally signed by Ajay Kumar Saha Date:2021.07.13 06:22:44 +05'30'
JE/2/DRG/MGS	VISHAL KUMAR YADAV Digitally signed by VISHAL KUMAR YADAV Date:2021.07.06 11:41:06 +05'30'
CPM/PATNA/RVNL	KRISHNA KUMAR BHARGAVA Digitally signed by KRISHNA KUMAR BHARGAVA Date:2021.05.29 12:16:05 +05'30'
GM/S&T/RVNL/RNC	KAILASH CHAND SHARMA Digitally signed by KAILASH CHAND SHARMA Date:2021.06.12 02:06:24 +05'30'
Manager/Civil/Exp/RVNL/PNBE	VINOD KUMAR VERMA Digitally signed by VINOD KUMAR VERMA Date:2021.06.09 12:16:51 +05'30'
JE/PLG 3	Ranjan Kumar Digitally signed by Ranjan Kumar Date:2021.08.17 01:53:58 +05'30'



GOMOH)
.)
LEVEL
F-1000
CH: 1930 m
Km.- 326.770
F-1000
LEVEL
CH: 2720 m
Km.- 327.560
LEVEL
F-666
CH: 3300 m
Km.- 328.140
UPTO Km.- 329.960



C/L OF BR. NO.- 186 DN (1 x 1.83M ARCH+FC
SLAB) AT CH: 764.621 M PROP. EXTENSION
WITH 1 x 2.0M RCC BOX.
PROP.UP MAIN LINE
PROP. REV. LINE
UP MAIN LINE
DN MAIN LINE
PROP. E. I. WEST CABIN
13.50m x 7.50m
TO SONNAGAR (SEB) AT Km.- 411.83 (FROM GOMOH)
NEXT BLOCK STATION KARKATTA (KRTA) AT Km.-
329.100 (AT A DISTANCE - 4.260 Km.)
(1 x 1.83M ARCH+FC
M PROP. EXTENSION
X.

NOMENCLATURE IN PHASE-1 WORK

1. LINE NO-4 IS TREATED AS COMMON LINE IN YARD PORTION.

2. BEYOND YARD, LINE NO-4, IS TREATED AS REVERSIBLE LINE IN GHD END AND UP MAIN LINE IN SEB END.

NOTE :-
1. ALL MEASUREMENTS ARE IN MM, EXCEPT OTHERWISE AS SPECIFIED.
2. THIS DRAWING IS PREPARED BASED ON APPROVED ESP VIDE CE'S DRG. NO.- Y-58-2020 (ALT-01)
3. CH:0.00 IS RECKONED FOR C.L OF EXISTING STATION BUILDING.
4. FOB WILL BE 3.0 M WIDE.
5. STATION IS IN "NSG-6" CATEGORY.
6. EXISTING LINES RENUMBERED.
7. ELECTRIFICATION OF THIRD LINE WILL BE DONE BY RVNL. ANY MODIFICATION REQUIRED IN EXISTING OHE WILL BE DONE BY RVNL.
8. PASSENGER AMENITIES SHOULD BE PROVIDED AS PER RAILWAY BOARDS GUIDE LINES.
9. 1:1200 GRADE IS NOT FEASIBLE AS THE EXISTING LINES ARE IN STEEPER GRADE.
10. THIS SUPERSEDES CE'S DRG. NO- Y - 13 -2021
11. ALL THE PROPOSED POINTS ARE TWS.

ALT-1 (h)

PROPOSED TRACK STRUCTURE:-
RAIL = 60KG.
SLEEPER = 60KG. PSC WITH 1660 (M+8) SLEEPER DENSITY.
BALLAST CUSHION = 350MM

पूर्व मध्य रेलवे
डी.डी.यू.मंडल
EAST CENTRAL RAILWAY
DDU DIVISION

PROJECT EXECUTED BY:-
रेल विकास निगम लिमिटेड
RAIL VIKAS NIGAM LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)

PROJECT:-
CONSTRUCTION OF 3rd LINE BETWEEN
PATRATU - SONNAGAR(291.0KM)
पतरातू से सोननगर के बीच तीसरी लाईन
(291.0 कि.मी.) परियोजना

TITLE :
PHASE-1 PLAN OF APPROVED ESP OF SIGSIGI (SQS) सिगसिगी
STATION AT Km.324.840

AUTHORITY OF WORK:	PINK BOOK ITEM No. 49/2020-21 (50/2021-22)
CES. DRG. No. :	Y - 95 - 2021 (ALT - 1)
DIV. DRG. No. :	DRM/DDU PLAN NO.-105-2021
RVNL. DRG. No. :	RVNL/CPM/PNBE/18/2021 (ALT- 01)
SCALE :- 1 : 1000	
PREPARED BY:-	