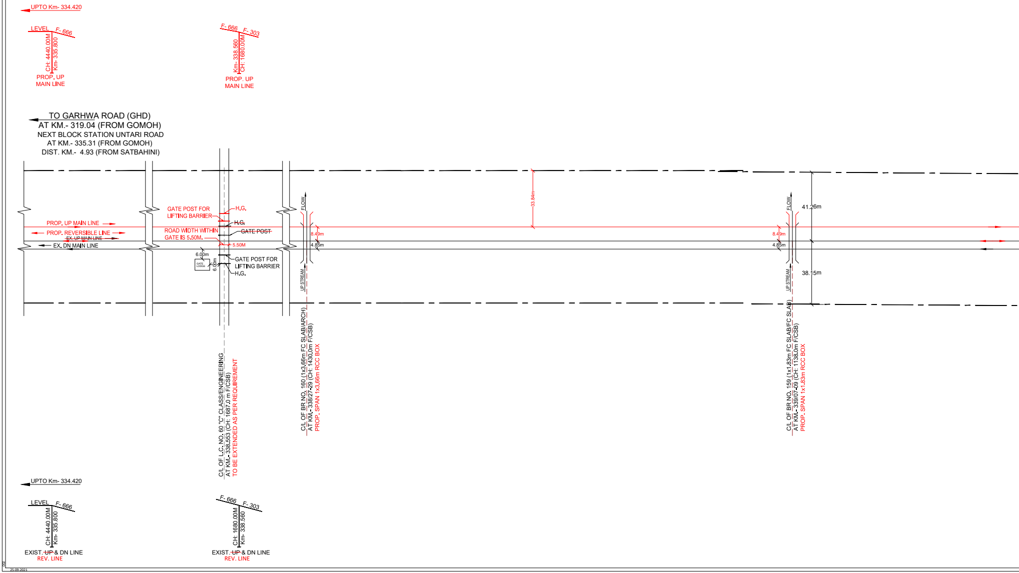
GRADIENT POST

SL.NO.	LOCATION (IN Km.)		DISTANCE (IN M)	GRADE	CHANAGE (in M)		REMARKS
	FROM	TO			FROM	TO	
1.	334.420	335.800	1380.00	LEVEL	5820.00	4440.00	
2.	335.800	338.560	2760.00	FALL 1 IN 666	4440.00	1680.00	
3.	338.560	340.240	1680.00	FALL 1 IN 303	1680.00	0.000	

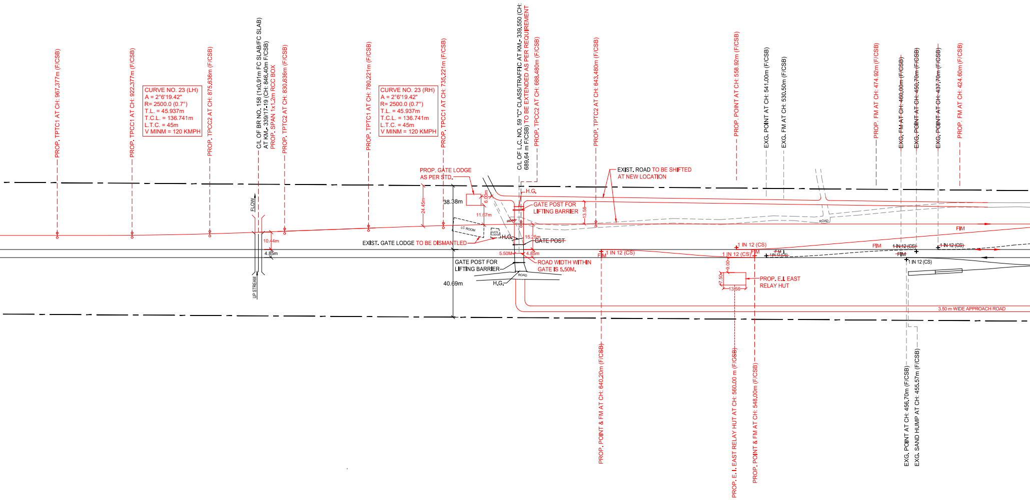
BRIDGE DETAILS

SL. NO.	BR.NO.	TYPE OF BRIDGE	NO. OF OPENIG WITH CLEAR SPAN	LOCATION AT Km with E.P. / (DECIMAL)	REMARKS
1.	162	FC SLAB / ARCH	1x0.91m / 1x0.91m	337 / 09 - 11 / (337.270)	TO BE EXTENDED AS 1 x 1.20 M RCC BOX
2.	161	FC SLAB / ARCH	1x0.91m / 1x0.91m	337 / 31 - 33 / (337.930)	TO BE EXTENDED AS 1 x 1.20 M RCC BOX
3.	160	FC SLAB / ARCH	1x3.66m / 1x3.66m	338 / 27 - 29 / (338.810)	TO BE EXTENDED AS 1 x 3.66 M RCC BOX
4.	159	FC SLAB / ARCH	1x1.83m / 1x1.83m	339 / 07 - 09 / (339.102)	TO BE EXTENDED AS 1 x 1.83 M RCC BOX
5.	158	FC SLAB / FC SLAB	1x0.91m / 1x0.91m	339 / 17 - 19 / (339.394)	TO BE EXTENDED AS 1 x 1.20 M RCC BOX
6.	157	FC SLAB / RC BOX	1x0.91m / 1x0.91m	339/36 - 340/01/ 339.927)	TO BE EXTENDED AS 1 x 1.20 M RCC BOX


UPTO Km- 334.420
LEVEL
F- 666
CH: 4440.00M
Km- 335.800
PROP. UP MAIN LINE
F- 666
F- 303
Km- 338.560
CH: 1680.00M
PROP. UP MAIN LINE
TO GARHWA ROAD (GHD)
AT KM.- 319.04 (FROM GOMOH)
NEXT BLOCK STATION UNTARI ROAD
AT KM.- 335.31 (FROM GOMOH)
DIST. KM.- 4.93 (FROM SATBAHINI)
PROP. UP MAIN LINE
PROP. REVERSIBLE LINE
~~EX. UP MAIN LINE~~
EX. DN MAIN LINE
GATE POST FOR LIFTING BARRIER
H.G.
~~H.G.~~
~~GATE POST~~
ROAD WIDTH WITHIN GATE IS 5.50M.
5.50M
6.00m
GATE LODGE
6.00m
GATE POST FOR LIFTING BARRIER
H.G.
C/L OF L.C. NO. 60 "C" CLASS/ENGINEERING
AT KM.- 338.553 (CH: 1687.0 m F/CSB)
TO BE EXTENDED AS PER REQUIREMENT
FLOW
UP STREAM
8.49m
4.85m
C/L OF BR NO. 160 (1x3.66m FC SLAB/ARCH)
AT KM.- 338/27-29 (CH: 1430.0m F/CSB)
PROP. SPAN 1x3.66m RCC BOX
33.84m
FLOW
UP STREAM
8.49m
4.85m
41.26m
38.15m
C/L OF BR NO. 159 (1x1.83m FC SLAB/FC SLAB)
AT KM.- 339/07-09 (CH: 1138.0m F/CSB)
PROP. SPAN 1x1.83m RCC BOX
UPTO Km- 334.420
LEVEL
F- 666
CH: 4440.00M
Km- 335.800
EXIST. ~~UP~~ & DN LINE
REV. LINE
F- 666
F- 303
CH: 1680.00M
Km- 338.560
EXIST. ~~UP~~ & DN LINE
REV. LINE
25-09-2021

DETAILS OF LEVEL CROSSING (MDJ - SZF)

Sr.No	L.C. NO.	LOCATION AT Km. with E.P. /(DECIMAL)	M/UM	CLASS	TRAFFIC/ ENGG.	BLOCK SECTION	CONTROLLING STATION	TVU/YEAR	INTERLOCKING YES/NO	REMARKS
1	59	339/23-25 / (339.550)	M	C	T	SZF-URD	SZF	2740/NOV-19	YES	
2	60	338/21-23 / (338.553)	M	C	E	SZF-URD	SZF	15671/NOV-19	~~NO~~ YES	TO BE INTERLOCKED
3	63	335/35-37 / (336.140)	M	C	E	SZF-URD	URD	16687/NOV-19	NO	TO BE CONVERTED INTO LHS

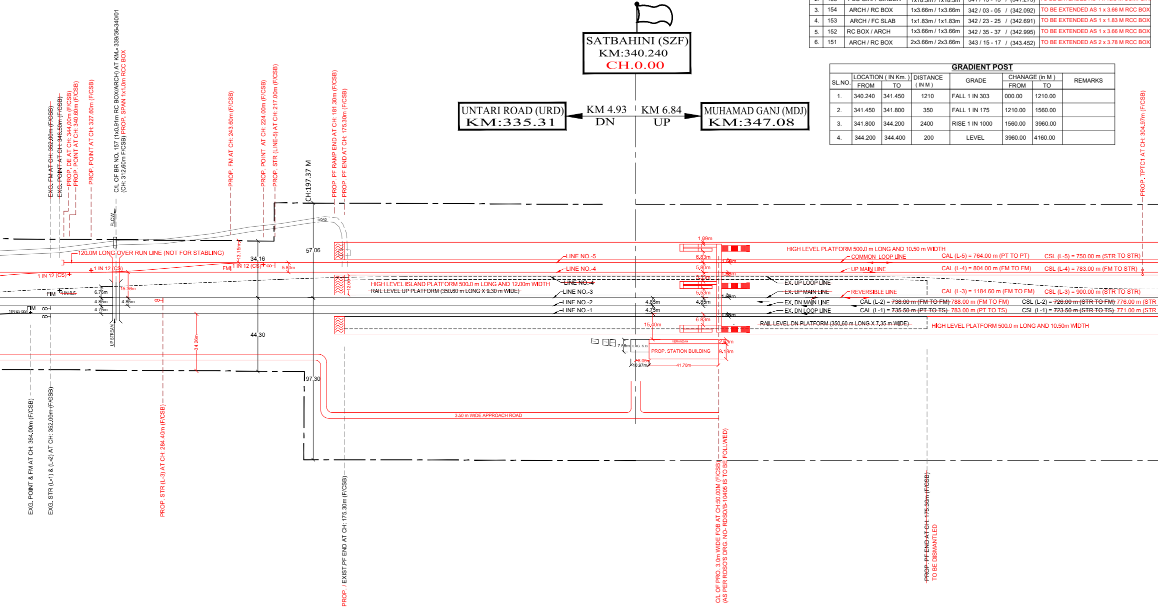

PROP. TPTC1 AT CH: 967.377m (F/CSB)
PROP. TPCC1 AT CH: 922.377m (F/CSB)
CURVE NO. 23 (LH)
A = 2°6'19.42"
R= 2500.0 (0.7°)
T.L. = 45.937m
T.C.L. = 136.741m
L.T.C. = 45m
V MINM = 120 KMPH
PROP. TPCC2 AT CH: 875.636m (F/CSB)
C/L OF BR NO. 158 (1x0.91m FC SLAB/FC SLAB)
AT KM. 339/17-19 (CH: 846.40m F/CSB)
PROP. SPAN 1x1.2m RCC BOX
PROP. TPTC2 AT CH: 830.636m (F/CSB)
PROP. TPTC1 AT CH: 780.221m (F/CSB)
CURVE NO. 23 (RH)
A = 2°6'19.42"
R= 2500.0 (0.7°)
T.L. = 45.937m
T.C.L. = 136.741m
L.T.C. = 45m
V MINM = 120 KMPH
PROP. TPCC1 AT CH: 735.221m (F/CSB)
C/L OF L.C. NO. 59 "C" CLASS/TRAFFIC AT KM. 339.550 (CH: 689.64 m F/CSB) TO BE EXTENDED AS PER REQUIREMENT
PROP. TPCC2 AT CH: 688.480m (F/CSB)
PROP. TPTC2 AT CH: 643.480m (F/CSB)
PROP. POINT AT CH: 558.92m (F/CSB)
EXG. POINT AT CH: 541.00m (F/CSB)
EXG. FM AT CH: 530.50m (F/CSB)
PROP. FM AT CH: 474.92m (F/CSB)
~~EXG. FM AT CH: 460.00m (F/CSB)~~
~~EXG. POINT AT CH: 450.70m (F/CSB)~~
~~EXG. POINT AT CH: 437.70m (F/CSB)~~
PROP. FM AT CH: 424.60m (F/CSB)
PROP. GATE LODGE AS PER STD.
EXIST. ROAD TO BE SHIFTED AT NEW LOCATION
FLOW
UP STREAM
24.45m
38.38m
6.00m
11.67m
H.G.
GATE POST FOR LIFTING BARRIER
13.58
ROAD
LC ROOM
GATE LODGE
H.G.
15.25m
GATE POST
10.44m
4.85m
EXIST. GATE LODGE TO BE DISMANTLED
5.50M
4.85m
ROAD WIDTH WITHIN GATE IS 5.50M.
GATE POST FOR LIFTING BARRIER
ROAD
H.G.
40.69m
FM
1 IN 12 (CS)
1 IN 12 (CS)
1 IN 12 (CS)
FM
9.00
7.50
13.56
PROP. E.I. EAST RELAY HUT
FM
1 IN 12 (CS)
FM
1 IN 12 (CS)
FM
1 IN 12 (CS)
FM
1 IN 12 (CS)
3.50 m WIDE APPROACH ROAD
PROP. POINT & FM AT CH: 640.20m (F/CSB)
PROP. E.I. EAST RELAY HUT AT CH: 560.00 m (F/CSB)
PROP. POINT & FM AT CH: 548.00m (F/CSB)
EXG. POINT AT CH: 456.70m (F/CSB)
EXG. SAND HUMP AT CH: 455.57m (F/CSB)

BRIDGE DETAILS

SL. NO.	BR.NO.	TYPE OF BRIDGE	NO. OF OPENIG WITH CLEAR SPAN	LOCATION AT Km with E.P. / (DECIMAL)	REMARKS
1.	156	FC SLAB / ARCH	1x1.83m / 1x1.83m	340 / 23 - 25 / (340.585)	TO BE EXTENDED AS 1 x 1.83 M RCC BOX
2.	155	PSC GIR. / GIRDER	1x18.3m / 1x18.3m	341 / 13 - 15 / (341.273)	TO BE EXTENDED AS 1 x 18.3 M COM. GIR
3.	154	ARCH / RC BOX	1x3.66m / 1x3.66m	342 / 03 - 05 / (342.092)	TO BE EXTENDED AS 1 x 3.66 M RCC BOX
4.	153	ARCH / FC SLAB	1x1.83m / 1x1.83m	342 / 23 - 25 / (342.691)	TO BE EXTENDED AS 1 x 1.83 M RCC BOX
5.	152	RC BOX / ARCH	1x3.66m / 1x3.66m	342 / 35 - 37 / (342.995)	TO BE EXTENDED AS 1 x 3.66 M RCC BOX
6.	151	ARCH / RC BOX	2x3.66m / 2x3.66m	343 / 15 - 17 / (343.452)	TO BE EXTENDED AS 2 x 3.78 M RCC BOX

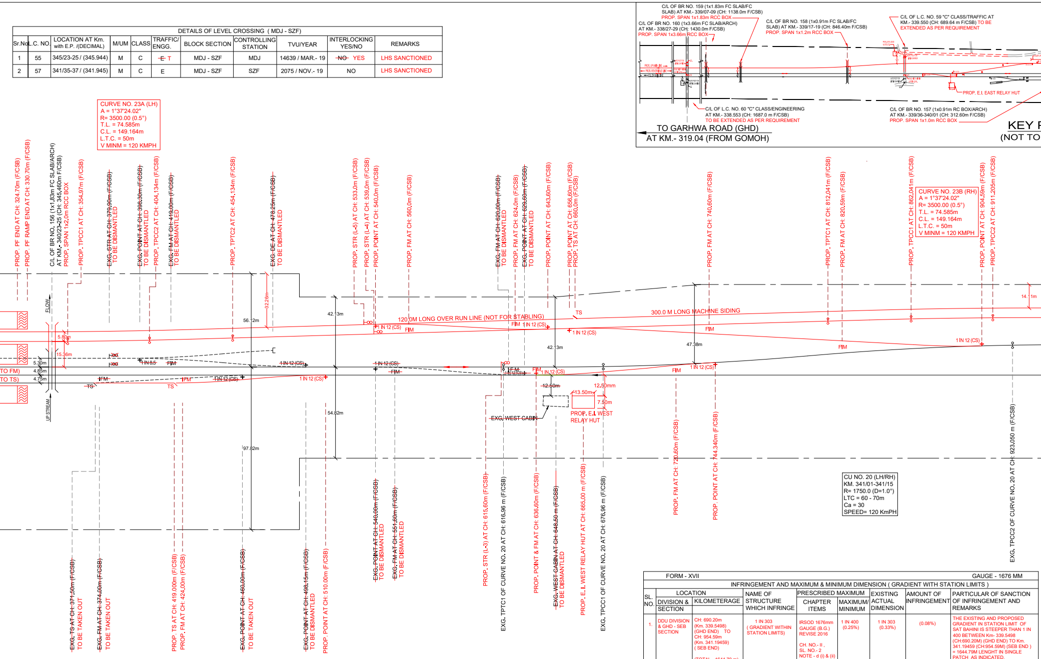
GRADIENT POST

SL.NO.	LOCATION (IN Km.)		DISTANCE (IN M)	GRADE	CHANAGE (in M)		REMARKS
	FROM	TO			FROM	TO	
1.	340.240	341.450	1210	FALL 1 IN 303	000.00	1210.00	
2.	341.450	341.800	350	FALL 1 IN 175	1210.00	1560.00	
3.	341.800	344.200	2400	RISE 1 IN 1000	1560.00	3960.00	
4.	344.200	344.400	200	LEVEL	3960.00	4160.00	


SATBAHINI (SZF)
KM:340.240
CH.0.00
UNTARI ROAD (URD)
KM:335.31
KM 4.93
DN
KM 6.84
UP
MUHAMAD GANJ (MDJ)
KM:347.08
~~EXG. FM AT CH: 352.00m (F/CSB)~~
~~EXG. POINT AT CH: 346.50m (F/CSB)~~
PROP. DE AT CH: 344.00m (F/CSB)
PROP. POINT AT CH: 340.60m (F/CSB)
PROP. POINT AT CH: 327.60m (F/CSB)
C/L OF BR NO. 157 (1x0.91m RC BOX/ARCH) AT KM.- 339/36-340/01
(CH: 312.60m F/CSB) PROP. SPAN 1x1.0m RCC BOX
PROP. FM AT CH: 243.60m (F/CSB)
PROP. POINT AT CH: 224.00m (F/CSB)
PROP. STR (LINE-5) AT CH: 217.00m (F/CSB)
CH:197.37 M
PROP. PF RAMP END AT CH: 181.30m (F/CSB)
PROP. PF END AT CH: 175.30m (F/CSB)
PROP. TPTC1 AT CH: 304.97m (F/CSB)
FLOW
ROAD
57.06
34.16
13.15m
120.0M LONG OVER RUN LINE (NOT FOR STABLING)
1 IN 12 (CS)
1 IN 12 (CS)
FM
1 IN 12 (CS)
5.80m
FIM
1 IN 8.5
1 IN 8.5 (SS)
FIM
6.76m
4.85m
4.75m
15.36m
4.85m
UP STREAM
44.30
34.26m
97.30
12.00
HIGH LEVEL ISLAND PLATFORM 500.0 m LONG AND 12.00m WIDTH
~~RAIL LEVEL UP PLATFORM (350.60 m LONG X 9.30 m WIDE)~~
LINE NO.-5
LINE NO.-4
~~LINE NO.-4~~
LINE NO.-3
LINE NO.-2
LINE NO.-1
4.85m
4.75m
15.40m
1.09m
6.83m
5.80m
5.53m
5.53m
4.85m
6.83m
1.68m
1.68m
1.68m
1.68m
7.58m
EXG. S.B.
VERANDAH
PROP. STATION BUILDING
2.63m
9.18m
8.05
10.97m
41.70m
3.50 m WIDE APPROACH ROAD
HIGH LEVEL PLATFORM 500.0 m LONG AND 10.50 m WIDTH
COMMON LOOP LINE
UP MAIN LINE
~~EX. UP LOOP LINE~~
~~EX. UP MAIN LINE~~
REVERSIBLE LINE
EX. DN MAIN LINE
EX. DN LOOP LINE
CAL (L-5) = 764.00 m (PT TO PT)
CSL (L-5) = 750.00 m (STR TO STR)
CAL (L-4) = 804.00 m (FM TO FM)
CSL (L-4) = 783.00 m (FM TO STR)
CAL (L-3) = 1184.60 m (FM TO FM)
CSL (L-3) = 900.00 m (STR TO STR)
CAL (L-2) = ~~738.00 m (FM TO FM)~~ 788.00 m (FM TO FM)
CSL (L-2) = ~~726.00 m (STR TO FM)~~ 776.00 m (STR
CAL (L-1) = ~~735.50 m (PT TO TS)~~ 783.00 m (PT TO TS)
CSL (L-1) = ~~723.50 m (STR TO TS)~~ 771.00 m (STR
~~RAIL LEVEL DN PLATFORM (350.60 m LONG X 7.35 m WIDE)~~
HIGH LEVEL PLATFORM 500.0 m LONG AND 10.50m WIDTH
EXG. POINT & FM AT CH: 364.00m (F/CSB)
EXG. STR (L-1) & (L-2) AT CH: 352.00m (F/CSB)
PROP. STR (L-3) AT CH: 284.40m (F/CSB)
PROP. / EXIST.PF END AT CH: 175.30m (F/CSB)
C/L OF PRO. 3.0m WIDE FOB AT CH:50.00M (F/CSB)
(AS PER RDSO'S DRG. NO- RDSO/B-10405 IS TO BE FOLLWED)
~~PROP. PF END AT CH: 175.30m (F/CSB)~~
TO BE DISMANTLED

DETAILS OF LEVEL CROSSING (MDJ - SZF)

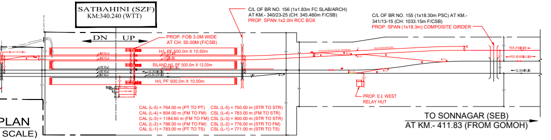
Sr.No	L.C. NO.	LOCATION AT Km. with E.P. /(DECIMAL)	M/UM	CLASS	TRAFFIC/ ENGG.	BLOCK SECTION	CONTROLLING STATION	TVU/YEAR	INTERLOCKING YES/NO	REMARKS
1	55	345/23-25 / (345.944)	M	C	~~E~~ T	MDJ - SZF	MDJ	14639 / MAR.- 19	~~NO~~ YES	LHS SANCTIONED
2	57	341/35-37 / (341.945)	M	C	E	MDJ - SZF	SZF	2075 / NOV.- 19	NO	LHS SANCTIONED

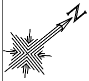

C/L OF BR NO. 159 (1x1.83m FC SLAB/FC SLAB) AT KM.- 339/07-09 (CH: 1138.0m F/CSB)
PROP. SPAN 1x1.83m RCC BOX
C/L OF BR NO. 160 (1x3.66m FC SLAB/ARCH) AT KM.- 338/27-29 (CH: 1430.0m F/CSB)
PROP. SPAN 1x3.66m RCC BOX
C/L OF BR NO. 158 (1x0.91m FC SLAB/FC SLAB) AT KM.- 339/17-19 (CH: 846.40m F/CSB)
PROP. SPAN 1x1.2m RCC BOX
C/L OF L.C. NO. 59 "C" CLASS/TRAFFIC AT KM.- 339.550 (CH: 689.64 m F/CSB) TO BE EXTENDED AS PER REQUIREMENT
PROP. E.I. EAST RELAY HUT
C/L OF L.C. NO. 60 "C" CLASS/ENGINEERING AT KM.- 338.553 (CH: 1687.0 m F/CSB) TO BE EXTENDED AS PER REQUIREMENT
C/L OF BR NO. 157 (1x0.91m RC BOX/ARCH) AT KM.- 339/36-340/01 (CH: 312.60m F/CSB)
PROP. SPAN 1x1.0m RCC BOX
TO GARHWA ROAD (GHD)
AT KM.- 319.04 (FROM GOMOH)
KEY
(NOT TO
CURVE NO. 23A (LH)
A = 1°37'24.02"
R= 3500.00 (0.5°)
T.L. = 74.585m
C.L. = 149.164m
L.T.C. = 50m
V MINM = 120 KMPH
PROP. PF END AT CH: 324.70m (F/CSB)
PROP. PF RAMP END AT CH: 330.70m (F/CSB)
C/L OF BR NO. 156 (1x1.83m FC SLAB/ARCH)
AT KM.- 340/23-25 (CH: 345.460m F/CSB)
PROP. SPAN 1x2.0m RCC BOX
PROP. TPCC1 AT CH: 354.97m (F/CSB)
~~EXG. STR AT CH: 379.90m (F/CSB)~~ TO BE DISMANTLED
~~EXG. POINT AT CH: 398.30m (F/CSB)~~ TO BE DISMANTLED
PROP. TPCC2 AT CH: 404.134m (F/CSB)
~~EXG. FM AT CH: 419.00m (F/CSB)~~ TO BE DISMANTLED
PROP. TPTC2 AT CH: 454.134m (F/CSB)
~~EXG. DE AT CH: 478.25m (F/CSB)~~ TO BE DISMANTLED
PROP. STR (L-5) AT CH: 533.0m (F/CSB)
PROP. STR (L-4) AT CH: 539.0m (F/CSB)
PROP. POINT AT CH: 540.0m (F/CSB)
PROP. FM AT CH: 560.0m (F/CSB)
~~EXG. FM AT CH: 620.00m (F/CSB)~~ TO BE DISMANTLED
PROP. FM AT CH: 624.0m (F/CSB)
~~EXG. POINT AT CH: 629.60m (F/CSB)~~ TO BE DISMANTLED
PROP. POINT AT CH: 643.60m (F/CSB)
PROP. POINT AT CH: 656.60m (F/CSB)
PROP. TS AT CH: 660.0m (F/CSB)
PROP. FM AT CH: 740.60m (F/CSB)
PROP. TPTC1 AT CH: 812.041m (F/CSB)
PROP. FM AT CH: 820.59m (F/CSB)
PROP. TPCC1 AT CH: 862.041m (F/CSB)
CURVE NO. 23B (RH)
A = 1°37'24.02"
R= 3500.00 (0.5°)
T.L. = 74.585m
C.L. = 149.164m
L.T.C. = 50m
V MINM = 120 KMPH
PROP. POINT AT CH: 904.59m (F/CSB)
PROP. TPCC2 AT CH: 911.205m (F/CSB)
FLOW
UP STREAM
TO FM)
TO TS)
5.80m
15.36m
5.30m
4.85m
4.75m
32.26m
56.12m
42.13m
1 IN 8.5
FM
TS
1 IN 12 (CS)
120.0M LONG OVER RUN LINE (NOT FOR STABLING)
300.0 M LONG MACHINE SIDING
42.13m
47.38m
14.11m
12.50m
12.50mm
13.50m
7.50m
PROP. E.I WEST RELAY HUT
EXG. WEST CABIN
54.82m
97.82m
~~EXG. TS AT CH: 371.50m (F/CSB)~~ TO BE TAKEN OUT
~~EXG. FM AT CH: 374.00m (F/CSB)~~ TO BE TAKEN OUT
PROP. TS AT CH: 419.000m (F/CSB)
PROP. FM AT CH: 424.00m (F/CSB)
~~EXG. POINT AT CH: 460.00m (F/CSB)~~ TO BE TAKEN OUT
~~EXG. POINT AT CH: 498.15m (F/CSB)~~ TO BE DISMANTLED
PROP. POINT AT CH: 510.00m (F/CSB)
~~EXG. POINT AT CH: 540.00m (F/CSB)~~ TO BE DISMANTLED
~~EXG. FM AT CH: 551.60m (F/CSB)~~ TO BE DISMANTLED
PROP. STR (L-3) AT CH: 615.60m (F/CSB)
EXG. TPTC1 OF CURVE NO. 20 AT CH: 616.96 m (F/CSB)
PROP. POINT & FM AT CH: 636.60m (F/CSB)
~~EXG. WEST CABIN AT CH: 648.50 m (F/CSB)~~ TO BE DISMANTLED
PROP. E.I. WEST RELAY HUT AT CH: 665.00 m (F/CSB)
EXG. TPCC1 OF CURVE NO. 20 AT CH: 676.96 m (F/CSB)
PROP. FM AT CH: 720.60m (F/CSB)
PROP. POINT AT CH: 744.340m (F/CSB)
CU NO. 20 (LH/RH)
KM. 341/01-341/15
R= 1750.0 (D=1.0°)
LTC = 60 - 70m
Ca = 30
SPEED= 120 KmPH
EXG. TPCC2 OF CURVE NO. 20 AT CH: 923.050 m (F/CSB)

FORM - XVII GAUGE - 1676 MM

INFRINGEMENT AND MAXIMUM & MINIMUM DIMENSION (GRADIENT WITH STATION LIMITS)

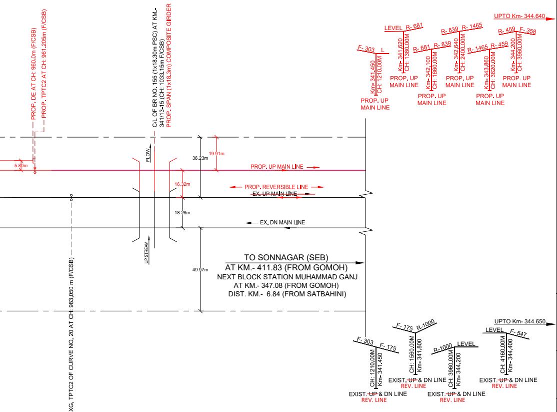
SL. NO.	LOCATION		NAME OF STRUCTURE WHICH INFRINGE	PRESCRIBED MAXIMUM		EXISTING ACTUAL DIMENSION	AMOUNT OF INFRINGEMENT	PARTICULAR OF SANCTION OF INFRINGEMENT AND REMARKS
	DIVISION & SECTION	KILOMETERAGE		CHAPTER ITEMS	MAXIMUM/ MINIMUM			
1.	DDU DIVISION & GHD - SEB SECTION	CH: 690.20m (Km. 339.5498) (GHD END) TO CH: 954.59m (Km. 341.19459) (SEB END) (TOTAL - 1644.79 m)	1 IN 303 (GRADIENT WITHIN STATION LIMITS)	IRSOD 1676mm GAUGE (B.G.) REVISE 2016 CH. NO.- II , SL. NO.- 2 NOTE - d (i) & (ii)	1 IN 400 (0.25%)	1 IN 303 (0.33%)	(0.08%)	THE EXISTING AND PROPOSED GRADIENT IN STATION LIMIT OF SAT BAHINI IS STEEPER THAN 1 IN 400 BETWEEN Km- 339.5498 (CH:690.20M) (GHD END) TO Km. 341.19459 (CH:954.59M) (SEB END) = 1644.79M LENGHT IN SINGLE PATCH AS INDICATED. AS SUCH CONDONATION FOR INFRINGEMENT OF GRADIENT 1 IN 303 IS BEING PROCESSED


SATBAHINI (SZF)
KM:340.240 (WTT)
DN
UP
PROP. FOB 3.0M WIDE
AT CH: 50.00M (F/CSB)
H/L PF 500.0m X 10.50m
ISLAND H/L PF 500.0m X 12.00m
H/L PF 500.0m X 10.50m
C/L OF BR NO. 156 (1x1.83m FC SLAB/ARCH)
AT KM.- 340/23-25 (CH: 345.460m F/CSB)
PROP. SPAN 1x2.0m RCC BOX
C/L OF BR NO. 155 (1x18.30m PSC) AT KM.-
341/13-15 (CH: 1033.15m F/CSB)
PROP. SPAN (1x18.3m) COMPOSITE GIRDER
PROP. E.I. WEST
RELAY HUT
CAL (L-5) = 764.00 m (PT TO PT)
CAL (L-4) = 804.00 m (FM TO FM)
CAL (L-3) = 1184.60 m (FM TO FM)
CAL (L-2) = 788.00 m (FM TO FM)
CAL (L-1) = 783.00 m (PT TO TS)
CSL (L-5) = 750.00 m (STR TO STR)
CSL (L-4) = 783.00 m (FM TO STR)
CSL (L-3) = 900.00 m (STR TO STR)
CSL (L-2) = 776.00 m (STR TO FM)
CSL (L-1) = 771.00 m (STR TO TS)
TO SONNAGAR (SEB)
AT KM.- 411.83 (FROM GOMOH)
PLAN
SCALE)



LEGEND:

1. RAILWAY LAND BOUNDARY – — · — · —
2. EXISTING WORK – ————
3. DISMANTLED WORK – – – – – – –
4. PROPOSED WORK (BY RVNL) – ————


PROP. DE AT CH: 960.0m (F/CSB)
PROP. TPTC2 AT CH: 961.205m (F/CSB)
C/L OF BR NO. 155 (1x18.30m PSC) AT KM.-
341/13-15 (CH: 1033.15m F/CSB)
PROP. SPAN (1x18.3m) COMPOSITE GIRDER
FLOW
UP STREAM
5.80m
36.23m
19.91m
16.32m
18.26m
49.97m
PROP. UP MAIN LINE
PROP. REVERSIBLE LINE
EX. UP MAIN LINE
EX. DN MAIN LINE
TO SONNAGAR (SEB)
AT KM.- 411.83 (FROM GOMOH)
NEXT BLOCK STATION MUHAMMAD GANJ
AT KM.- 347.08 (FROM GOMOH)
DIST. KM.- 6.84 (FROM SATBAHINI)
EXG. TPTC2 OF CURVE NO. 20 AT CH: 983.050 m (F/CSB)
UPTO Km- 344.640
LEVEL
R- 681
R- 839
R- 1465
R- 459
F- 358
F- 303
L
Km- 341.450
CH: 1210.00M
Km- 341.620
CH: 1380.00M
Km- 342.100
CH: 1860.00M
Km- 342.640
CH: 2400.00M
Km- 343.860
CH: 3620.00M
Km- 344.200
CH: 3960.00M
PROP. UP
MAIN LINE
UPTO Km- 344.650
F- 175
R- 1000
LEVEL
F- 547
F- 303
CH: 1210.00M
Km- 341.450
CH: 1560.00M
Km- 341.800
CH: 3960.00M
Km- 344.200
CH: 4160.00M
Km- 344.400
EXIST. ~~UP~~ & DN LINE
REV. LINE

NOTES :-

1. ALL MEASUREMENTS ARE IN MM, EXCEPT OTHERWISE AS SPECIFIED.
2. THIS DRAWING IS PREPARED BASED ON ACTUAL SITE SURVEY REPORT AND PREVIOUS CE'S DRG. NO:- Y-67-2019 (DRM/MGS PLAN NO- 23 - 2019)
3. CH:0.00 IS RECKONED FOR C.L OF EXISTING STATION BUILDING.
4. STATION IS IN "NSG-6" CATEGORY.
5. EXISTING LINES RENUMBERED.
6. ELECTRIFICATION OF THIRD LINE WILL BE DONE BY RVNL. ANY MODIFICATION REQUIRED IN EXISTING OHE WILL BE DONE BY RVNL.
7. MINIMUM PASSENGERS AMENITY WILL BE PROVIDED AS PER CIRCULAR NO. 2018/LM(PA)/03-06, DATED 09-04-2018 INCLUDING AMENITIES FOR DISABLED AS PER (PARA 10)
8. NO CHANGE OF GRADIENT WITHIN 30M OF POINTS AND CROSSING AS PER IRSOD AND NO POINT IS TAKEN OFF FROM TRANSITION PORTION OF CURVE AS PER IRPWM.
9. BEFORE EXECUTION OF WORK AT SITE DM CONSENT MUST BE OBTAIN FOR CONSTRUCTION OF LHS IN LIEU OF LC.
10. BARBED WIRE FENCING WILL BE PROVIDED FOR PROTECTION FROM ROAD.
11. THIS DRAWING SUPERSEDES CE'S DRAWING No.-Y-67-2019

TRACK STRUCTURE:

1. RAILS- 60KG
2. SLEEEPERS- MONO BLOCK PSC WITH 1660 NOS. PER KM. FOR MAIN LINE & 1540 NOS. PER KM FOR LOOP LINE & OTHER.
3. POINT AND CROSSINGS- 60 KG (1 IN 12) CURVED SWITCH WITH CMS CROSSING PSC SLEEPERS (FAN SHAPED LAYOUT)
4. BALLAST- 50mm SIZE 350mm CUSHION (HARD STONE)
5. ALL FITTINGS TO CONFIRM IRS SPECIFICATION.
6. ALL THE PROPOSED POINTS ARE TWS.

Signature block	
CPDE	BRIJESH KUMAR SINGH Date: 2022.02.03 01:25:54 +05'30'
CTPM/ECR	NEERAJ AMBASTHA 2022.02.01 11:53:26+05'30'
DRM/MGS	RAJESH KUMAR PANDEY Digitally signed by RAJESH KUMAR PANDEY Date:2022.01.05 03:21:08 +05'30'
Sr.DEN/Co/MGS	WARIJ NAYAN Digitally signed by WARIJ NAYAN Date:2021.12.30 01:10:18 +05'30'
SrDOM/MGS	SUDHANSU RANJAN Digitally signed by SUDHANSU RANJAN Date:2021.12.29 08:17:50 +05'30'
SrDSTE CO MGS	BRIJESH KUMAR YADAV Digitally signed by BRIJESH KUMAR YADAV Date:2021.12.30 05:48:20 +05'30'
SrDCM/MGS	RUPESH KUMAR Digitally signed by RUPESH KUMAR Date:2021.12.31 12:56:01 +05'30'
SrDEE/TRD/MGS	INDU PRAKASH Digitally signed by INDU PRAKASH Date:2021.12.28 05:47:53 +05'30'
SrDEE/G/MGS	KARPOOR CHANDRA YADAV Digitally signed by KARPOOR CHANDRA YADAV Date:2021.12.30 12:55:33 +05'30'
SrDEN/3/MGS	Mohit Sahu Digitally signed by Mohit Sahu Date:2021.12.28 01:18:06 +05'30'
SSE/DRG/S&T/1/MGS	Ajay Kumar Saha Digitally signed by Ajay Kumar Saha Date:2021.12.30 04:51:52 +05'30'
JE/2/DRG/MGS	VISHAL KUMAR YADAV Digitally signed by VISHAL KUMAR YADAV Date:2021.12.28 01:08:11 +05'30'
CPM/PATNA/RVNL	KRISHNA KUMAR BHARGAVA Digitally signed by KRISHNA KUMAR BHARGAVA Date:2021.08.27 10:14:29 +05'30'
GM/S&T/RVNL/BSB	RAJESH KUMAR SINGH Digitally signed by RAJESH KUMAR SINGH Date:2021.08.28 11:27:12 +05'30'
Manager/Civil/Exp/RVNL/ PNBE	VINOD KUMAR VERMA Digitally signed by VINOD KUMAR VERMA Date:2021.08.27 08:11:21 +05'30'

पूर्व मध्य रेलवे
पं. दीन दयाल उपाध्याय मंडल
EAST CENTRAL RAILWAY
DDU DIVISION

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

PROJECT:- CONSTRUCTION OF 3rd LINE BETWEEN
SONE NAGAR - JAPLA
पतरातू से सोन नगर के बीच तीसरी लाईन परियोजना
(291.0कि.मी.)

TITLE : ENGINEERING SCALE PLAN OF SATBAHINI (SZF) सत्बहिनी
STATION YARD AT Km.- 340.240 (FROM GOMOH)

AUTHORITY OF WORK:	PINK BOOK ITEM No. 50/2021-22
CES. DRG. No. :	Y - 12 - 2022
DIV. DRG. No. :	DRM / DDU PLAN NO- 04 - 2022
RVNL. DRG. No. :	RVNL/ CPM / PNBE / 15 - 2021
SCALE :- 1 : 1000	
PREPARED BY:-	