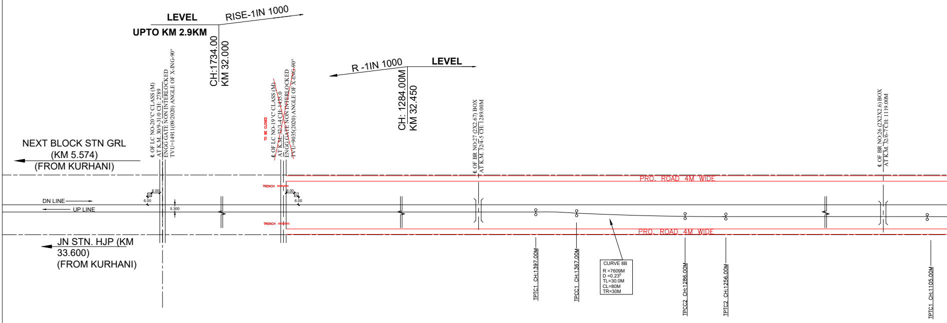
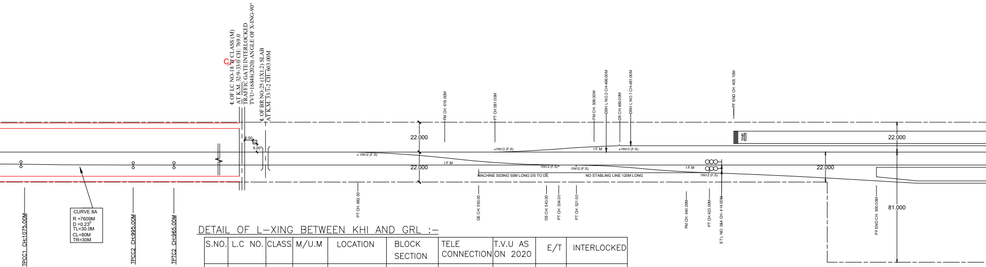

LEVEL
UPTO KM 2.9KM
RISE-1IN 1000
CH:1734.00
KM 32.000
R -1IN 1000
LEVEL
CH: 1284.00M
KM 32.450
NEXT BLOCK STN GRL
(KM 5.574)
(FROM KURHANI)
JN STN. HJP (KM
33.600)
(FROM KURHANI)
DN LINE
UP LINE
₵ OF LC NO-20 'C' CLASS (M)
AT K.M. 30/9-31/0 CH: 2789
ENGG GATE NON INTERLOCKED
TVU=14911(09/2020) ANGLE OF X-ING-90°
6.00
6.00
5.300
TO BE CLOSED
~~₵ OF LC NO-19 'C' CLASS (M)~~
~~AT K.M. 32/3-4 CH: 1435.0~~
~~ENGG GATE NON INTERLOCKED~~
~~TVU=9035(2020) ANGLE OF X-ING-90°~~
TRENCH
TRENCH
6.00
6.00
₵ OF BR NO:27 (2X2.67) BOX
AT K.M. 32/4-5 CH: 1289.00M
₵ OF BR NO:26 (2X2X2.6) BOX
AT K.M. 32/6-7 CH: 1119.00M
PRO. ROAD 4M WIDE
PRO. ROAD 4M WIDE
TPTC1 CH:1397.00M
TPCC1 CH:1367.00M
CURVE 8B
R =7609M
D =0.23°
TL=30.0M
CL=80M
TR=30M
TPCC2 CH:1286.00M
TPTC2 CH:1256.00M
TPTC1 CH:1105.00M

BRIDGE DETAILS

S.NO.	BR	K.M.	SPAN	TYPE
1.	25	33/1−2	1X1.2M	SLAB
2.	26	32/6−7	2X2X2.6	BOX
3.	27	32/4−5	2X2.67	BOX

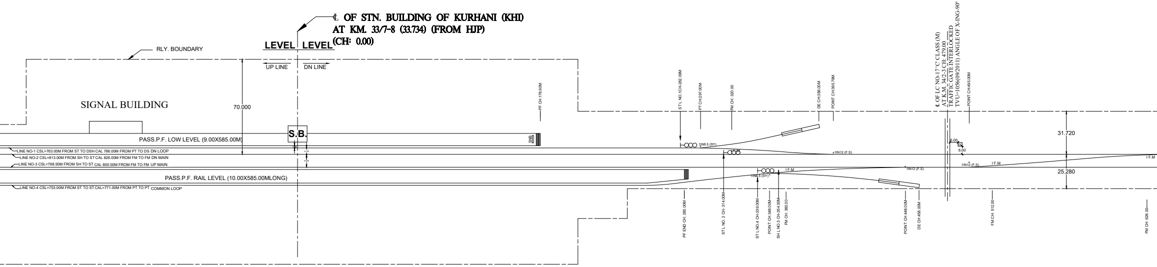


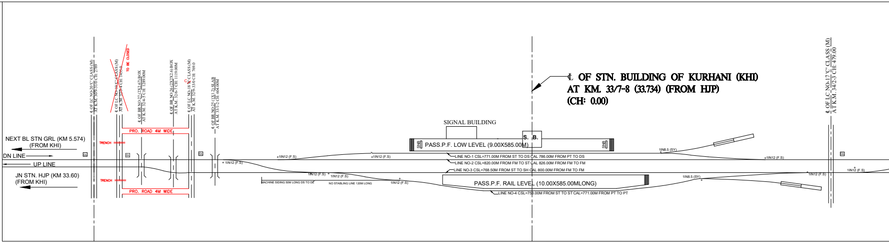
₵ OF LC NO-18 ~~'B'~~ C CLASS (M)
AT K.M. 32/9-33/0 CH: 769.0
TRAFFIC GATE INTERLOCKED
TVU=16848(2020) ANGLE OF X-ING-90°
₵ OF BR NO:25 (1X1.2) SLAB
AT K.M. 33/1-2 CH: 603.00M
6.00
6.00
22.000
22.000
+ 1IN12 (F.S)
I F.M
FM CH: 618.00M
PT CH:581.00M
+1IN12 (F.S)
FM CH: 506.00M
DSH L NO.2 CH-499.00M
DS CH:489.00M
DSH L NO.1 CH-481.00M
I F.M
+1IN12 (F.S)
1IN12 (F.S)+
1IN12 (F.S)
MACHINE SIDING 50M LONG DS TO DE
NO STABLING LINE 120M LONG
PF END CH: 405.10M
SNB
22.000
22.000
I F.M
1IN12 (F.S)
81.000
TPCC1 CH:1075.00M
CURVE 8A
R =7609M
D =0.23⁰
TL=30.0M
CL=80M
TR=30M
TPCC2 CH:995.00M
TPTC2 CH:965.00M
PT CH: 682.00
DE CH: 593.00
DS CH: 543.00
PT CH: 534.00
PT CH: 521.00
FM CH: 440.00M
PT CH:423.00M
STL NO. 3&4 CH-414.00M
PF END CH: 300.00M

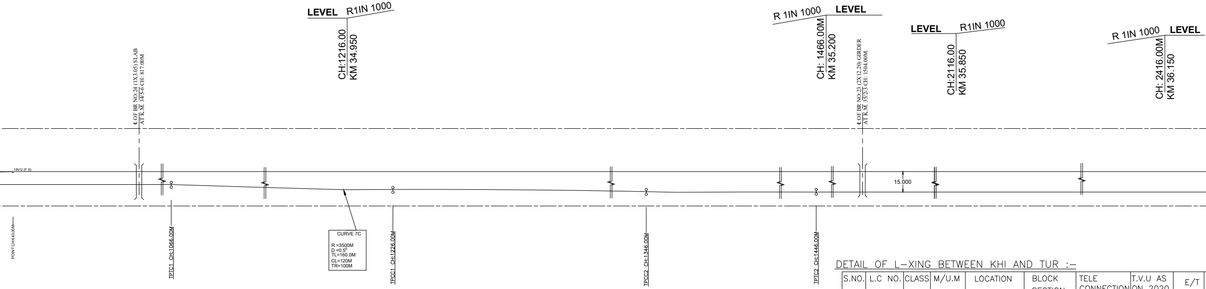
DETAIL OF L–XING BETWEEN KHI AND GRL :–

S.NO.	L.C NO.	CLASS	M/U.M	LOCATION	BLOCK SECTION	TELE CONNECTION	T.V.U AS ON 2020	E/T	INTERLOCKED	
1.	18	~~B~~ C	M	32/9–33/0	KHI–GRL	KHI	16848	T	YES	
2.	~~19~~	~~C~~	~~M~~	~~32/3–4~~	~~KHI–GRL~~	~~KHI~~	~~9035~~	~~E~~	~~NO~~	TO BE CLOSED
3.	20	C	M	30/9–31/0	KHI–GRL	GRL	14911	E	NO	
4.	21	C	M	30/2–3	KHI–GRL	GRL	9222	E	NO	
2.	~~21A~~	~~C~~	~~M~~	~~29/2–3~~	~~KHI–GRL~~	~~GRL~~	~~8990~~	~~E~~	~~NO~~	TO BE CLOSED
3.	~~22~~	~~C~~	~~M~~	~~28/6–7~~	~~KHI–GRL~~	~~GRL~~	~~15312~~	~~E~~	~~NO~~	TO BE CLOSED
4.	23	SPL	M	28/2–3	KHI–GRL	GRL	104110	T	YES	

THERE IS NO OTHER L–XING OR BRIDGE OR CULVERT WITHIN 2800M FROM EXISTING FACING POINT.


℄ OF STN. BUILDING OF KURHANI (KHI)
AT KM. 33/7-8 (33.734) (FROM HJP)
(CH: 0.00)
LEVEL
LEVEL
UP LINE
DN LINE
RLY. BOUNDARY
SIGNAL BUILDING
70.000
S.B.
PASS.P.F. LOW LEVEL (9.00X585.00M)
SNB
PF CH:178.90M
LINE NO-1 CSL=763.00M FROM ST TO DSH CAL 786.00M FROM PT TO DS DN LOOP
LINE NO-2 CSL=813.00M FROM SH TO ST CAL 826.00M FROM FM TO FM DN MAIN
LINE NO-3 CSL=768.50M FROM SH TO ST CAL 800.00M FROM FM TO FM UP MAIN
PASS.P.F. RAIL LEVEL (10.00X585.00MLONG)
LINE NO-4 CSL=753.00M FROM ST TO ST CAL=771.00M FROM PT TO PT COMMON LOOP
ST L NO.1CH-282.09M
PT CH:297.00M
FM CH: 320.00
DE CH:386.00M
POINT CH:395.79M
1IN8.5 (SY)
I F.M
+1IN12 (F.S)
PF END CH: 285.00M
ST L NO. 2 CH- 314.00M
ST L NO.4 CH-339.00M
POINT CH:348.00M
SH L NO.3 CH-354.50M
FM CH: 360.00
1IN8.5 (SY)
I F.M
1IN12 (F.S)
POINT CH:448.00M
DE CH:458.00M
℄ OF LC NO-17 'C' CLASS (M)
AT K.M. 34/2-3 CH: 479.00
TRAFFIC GATE INTERLOCKED
TVU=1056(09/2011) ANGLE OF X-ING-90°
6.00
6.00
POINT CH:495.00M
1IN12 (F.S)
I F.M
FM CH: 512.00
31.720
25.280
I F.M
FM CH: 626.00


₵ OF STN. BUILDING OF KURHANI (KHI)
AT KM. 33/7-8 (33.734) (FROM HJP)
(CH: 0.00)
NEXT BL STN GRL (KM 5.574)
(FROM KHI)
DN LINE
UP LINE
JN STN. HJP (KM 33.60)
(FROM KHI)
₵ OF LC NO-20'C' CLASS (M) AT K.M. 30/9-31/0 CH: 2789
~~₵ OF LC NO-19'C' CLASS (M) AT K.M. 32/3-4 CH: 1455.0~~
TO BE CLOSED
₵ OF BR NO-27 (2X2.67) BOX AT K.M. 32/4-5 CH: 1289.00M
₵ OF BR NO-26 (2X2X2.6) BOX AT K.M. 32/6-7 CH: 1119.00M
₵ OF LC NO-18 'C' CLASS (M) AT K.M. 32/9-33/0 CH: 769.0
₵ OF BR NO-25 (1X1.2) SLAB AT K.M. 33/1-2 CH: 604.00M
₵ OF LC NO-17'C' CLASS (M) AT K.M. 34/2-3 CH: 479.00
TRENCH
TRENCH
PRO. ROAD 4M WIDE
PRO. ROAD 4M WIDE
SIGNAL BUILDING
S. B.
SNB
PASS.P.F. LOW LEVEL (9.00X585.00M)
PASS.P.F. RAIL LEVEL (10.00X585.00MLONG)
LINE NO-1 CSL=771.00M FROM ST TO DS CAL 786.00M FROM PT TO DS
LINE NO-2 CSL=820.00M FROM FM TO ST CAL 826.00M FROM FM TO FM
LINE NO-3 CSL=768.50M FROM ST TO SH CAL 800.00M FROM FM TO FM
LINE NO-4 CSL=758.00M FROM ST TO ST CAL=771.00M FROM PT TO PT
MACHINE SIDING 50M LONG DS TO DE
NO STABLING LINE 120M LONG
1IN12 (F.S)
1IN8.5 (SY)


LEVEL
R1IN 1000
CH:1216.00
KM 34.950
R 1IN 1000
LEVEL
CH: 1466.00M
KM 35.200
LEVEL
R1IN 1000
CH:2116.00
KM 35.850
R 1IN 1000
LEVEL
CH: 2416.00M
KM 36.150
₵ OF BR NO:24 (1X3.05) SLAB AT K.M. 34/5-6 CH: 817.00M
₵ OF BR NO:23 (2X12.20) GIRDER AT K.M. 35/2-3 CH: 1504.00M
1IN12 (F.S)
15.000
POINT CH643.00M
TPTC1 CH:1066.00M
TPCC1 CH:1226.00M
TPCC2 CH:1346.00M
TPTC2 CH:1446.00M
CURVE 7C
R =3500M
D =0.5°
TL=160.0M
CL=120M
TR=100M

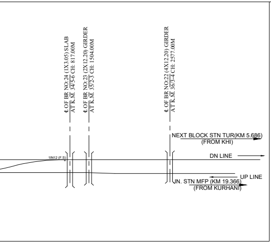
BRIDGE DETAILS

S.NO.	BR	K.M.	SPAN	TYPE
1.	22	36/3-4	4X12.20	GIRDER
2.	23	35/2-3	2X12.20	GIRDER
3.	24	34/5-6	1X3.05	SLAB

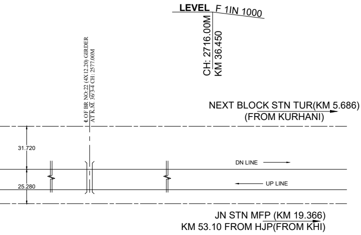
DETAIL OF L-XING BETWEEN KHI AND TUR :-

S.NO.	L.C NO.	CLASS	M/U.M	LOCATION	BLOCK SECTION	TELE CONNECTION	T.V.U AS ON 2020	E/T
1.	14	B2	M	39/4-5	KHI-TUR	TUR	24466	T
2.	~~15~~	~~C~~	~~M~~	~~39/1-2~~	~~KHI-TUR~~	~~TUR~~	~~9048~~	~~T~~
3.	16	C	M	37/9-38/0	KHI-TUR	TUR	11765	E
4.	17	C	M	34/2-3	KHI-TUR	KHI	8398	T

THERE IS NO OTHER L-XING OR BRIDGE OR CULVERT WITHIN 2800M FROM EXISTING FACING POINT.



₵ OF BR NO:24 (1X3.05) SLAB
AT K.M. 34/5-6 CH: 817.00M
₵ OF BR NO:23 (2X12.20) GIRDER
AT K.M. 35/2-3 CH: 1504.00M
₵ OF BR NO:22 (4X12.20) GIRDER
AT K.M. 36/3-4 CH: 2577.00M
NEXT BLOCK STN TUR(KM 5.686)
(FROM KHI)
1IN12 (F.S)
DN LINE
UP LINE
JN. STN MFP (KM 19.366)
(FROM KURHANI)



LEVEL
F 1IN 1000
CH: 2716.00M
KM 36.450
₵ OF BR NO:22 (4X12.20) GIRDER
AT K.M. 36/3-4 CH: 2577.00M
NEXT BLOCK STN TUR(KM 5.686)
(FROM KURHANI)
31.720
25.280
DN LINE
UP LINE
JN STN MFP (KM 19.366)
KM 53.10 FROM HJP(FROM KHI)

INTERLOCKED	
YES	
~~YES~~	TO BE CLOSED
NO	
YES	

AUTHORITY OF WORK

DM (MUZAFFARPUR) LETTER NO.200 DATED 31.01.2020
DM (VAISHALI) LETTER NO.294 DATED 28.02.2020

LEGEND

1. EXISTING WORK SHOWN THUS	———
2. PROPOSED WORK SHOWN THUS	———
3. DISMANTLING WORK SHOWN THUS	– – – –

NOTES:-

1. ALL DIMENSIONS ARE IN METRES EXCEPT OTHERWISE MENTIONED
2. ALL PTS & XINGS SHOWN IN THE PLAN.
3. NO CHANGE IN GRADIENT IN 30M ON BOTH OF POINTS AND X-INGS.
4. THIS DRAWING INCLUDES UP TO CE DRG NO.Y-91-2017 ALT1.
5. THIS DRAWING IS ON THE BASIS OF SITE SURVEY AND OLD APPROVED DRAWING.
6. THIS DRAWING SUPERSEEDS CE DRG NO.Y-91-2017 ALT1.
7. UPGRADATION OF LC IS DONE AFTER SANCTIONING OF WORK
8. DETAILS OF CLOSURE OF LCs:-
   i. CLOSURE OF LC NO.15 'C' (M) AT KM 39/1-2 AND APPROACH TO BE CONNECTED WITH LC NO.14 'B2' (M) AT KM 40/7-8.
   ii. CLOSURE OF LC NO.19 'C' (M) AT KM 32/3-4 AND APPROACH TO BE CONNECTED WITH LC NO.18 'C' (M) AT KM 32/9-33/0.
   iii. CLOSURE OF LC NO.21A 'C' (M) AT KM 29/2-3 AND APPROACH TO BE CONNECTED WITH LC NO.21 'C' (M) AT KM 30/2-3.
   iv. CLOSURE OF LC NO.22 'C' (M) AT KM 28/6-7 AND APPROACH TO BE CONNECTED WITH LC NO.23 'SPL' (M) AT KM 28/2-3.

CPDE	BRIJESH KUMAR SINGH	Date: 2022.03.11 14:11:11 +05'30'
CTPM	NEERAJ AMBASTHA	2022.03.11 12:06:25+05'30'
DRM	NILMANI	Digitally signed by NILMANI Date: 2022.02.22 18:37:14 +05'30'
SR.DEN/C	SANJAY KUMAR SINGH	Digitally signed by SANJAY KUMAR SINGH Date: 2022.02.22 16:19:26 +05'30'
SR.DOM	RAJEEV RANJAN	Digitally signed by RAJEEV RANJAN Date: 2022.02.22 11:04:33 +05'30'
SR.DSTE	ABHISHEK KUMAR	Digitally signed by ABHISHEK KUMAR Date: 2022.02.16 12:16:55 +05'30'
SR.DEE/G	KUMAR PRAKASH NAVEEN	Digitally signed by KUMAR PRAKASH NAVEEN Date: 2022.02.08 17:57:15 +05'30'
SR.DEE/TRD	SANJAY KUMAR PASWAN	Digitally signed by SANJAY KUMAR PASWAN
SR.DEN/III	MANTU KUMAR	Digitally signed by MANTU KUMAR Date: 2022.02.08 15:48:34 +05'30'
SSE/INC/DRG	ANIL KUMAR RAI	Digitally signed by ANIL KUMAR RAI Date: 2022.02.08 12:10:27 +05'30'
SSE/DRG/SEE	KUNJ BIHARI PRASAD	Digitally signed by KUNJ BIHARI PRASAD Date: 2022.01.18 16:06:11 +05'30'
DESIGN.	OFFICER's SIGN.	

EAST CENTRAL RAILWAY

150 GLORIOUS YEARS

SONPUR DIVISION

KURHANI STATION(KHI) कुरहनी
PROPOSED YARD PLAN IN CONNECTION WITH CLOSURE OF LC NO.15 'C' (M) AT KM 39/1-2, LC NO.19 'C' (M) AT KM 32/3-4, LC NO.21A 'C' (M) AT KM 29/2-3 AND LC NO.22 'C' (M) AT KM 28/6-7.

C.E'S DRG.NO–Y - 52 - 2022
DRM/ENGG./SEE/DRG.NO–Y/2/2022
SCALE :– 1CM:10M

BINOD KUMAR SINGH Digitally signed by BINOD KUMAR SINGH DN: cn=BINOD KUMAR SINGH, c=IN, o=Personal, email=vinodsinghaks42@gmail.com Date: 2022.02.07 13:20:07 +05'30'	DILIP KUMAR Digitally signed by DILIP KUMAR DN: cn=DILIP KUMAR, c=IN, o=MINISTRY OF RAILWAY, ou=RAILWAY, email=dilip.kumarecr@gmail.com Date: 2022.02.07 13:21:08 +05'30'
SSE/W/MFP	ADEN/MFP