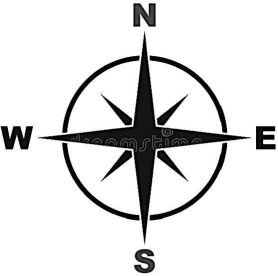
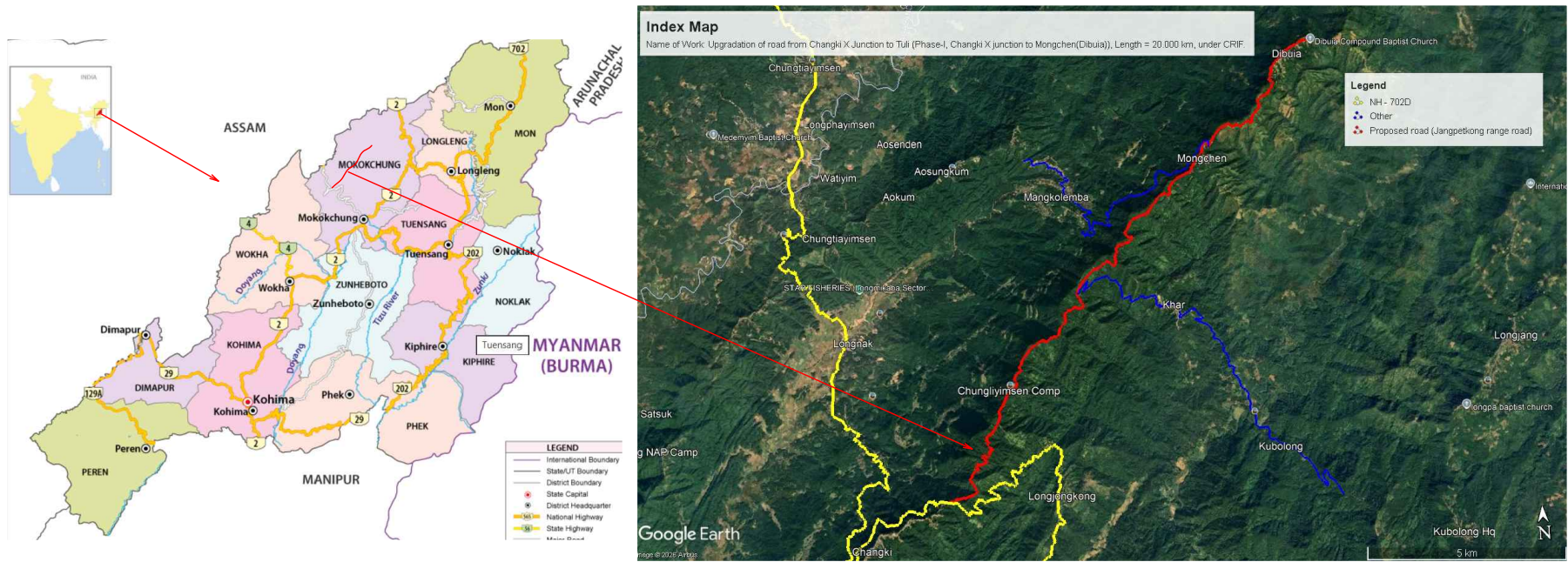


INDEX MAP



Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen(Dibuia)), Length = 20.000 km, under CRIF.

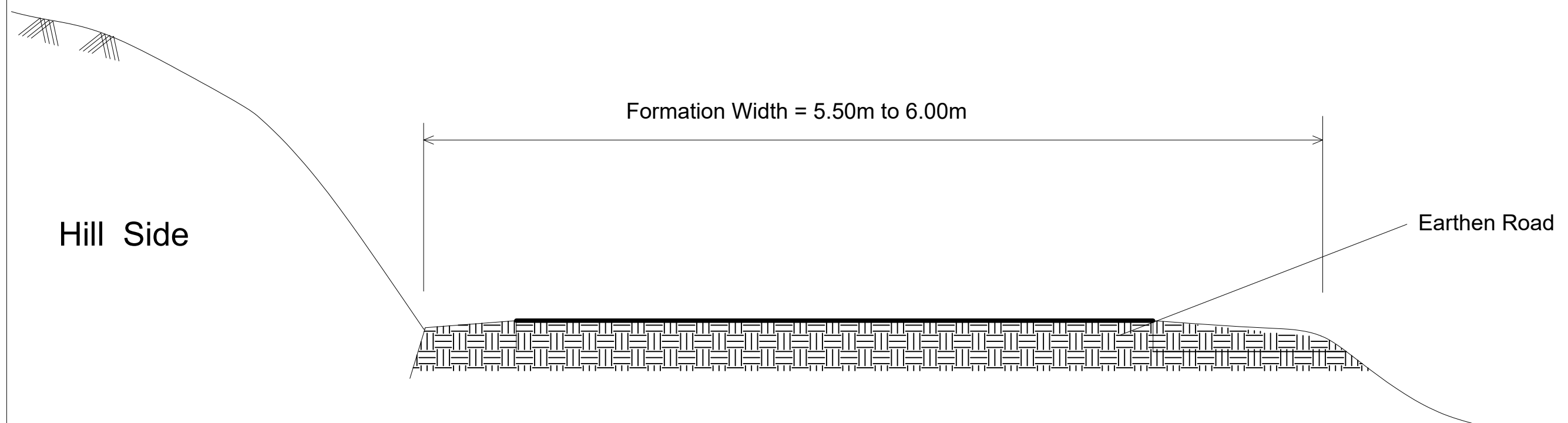
Drawing is Not to Scale



LEGEND

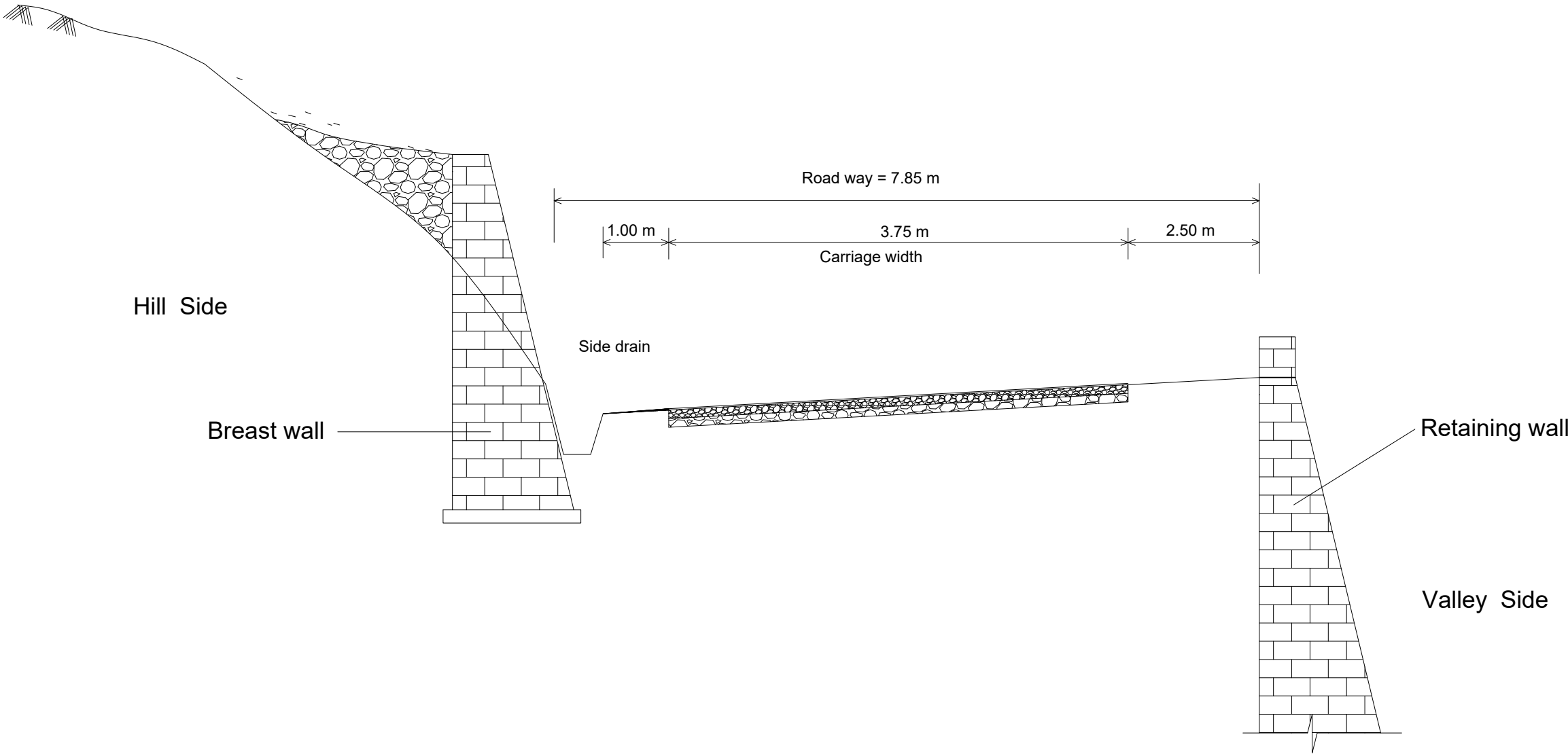
- NH-702D
- Proposed road
- Other road
- Town
- Compound
- village

**Name of work : Upgradation of Road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)),
Length= 20.00KM, under CRIF.**



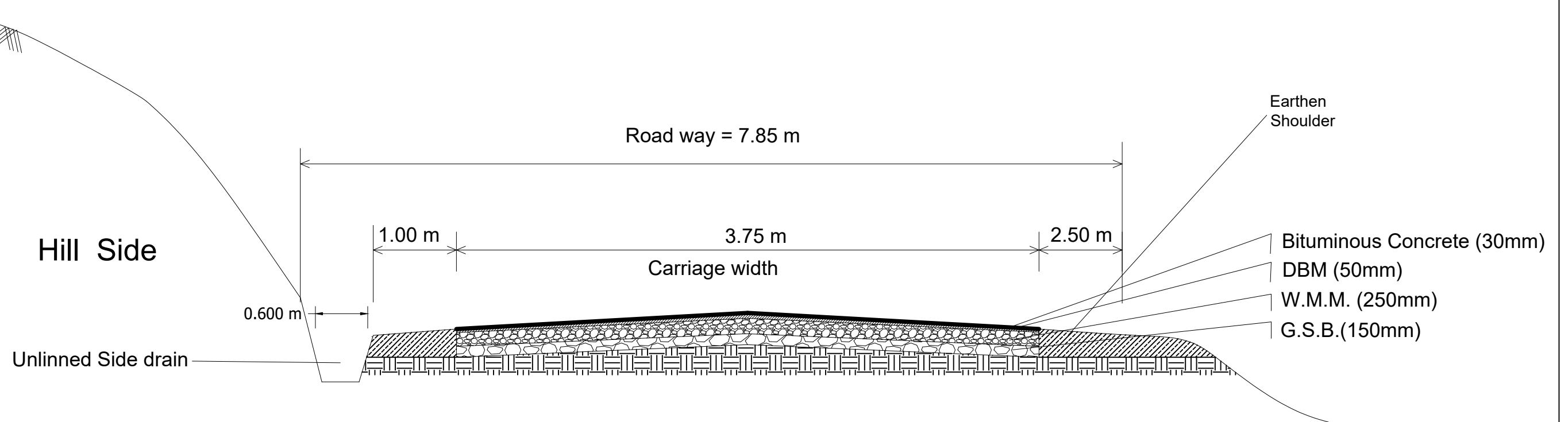
EXISTING TYPICAL CROSS-SECTION .

Name of work : Upgradation of Road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length= 20.00KM, under CRIF.



TYPICAL CROSS-SECTION OF SINGLE - LANE IN MOUNTAINOUS TERRAIN.

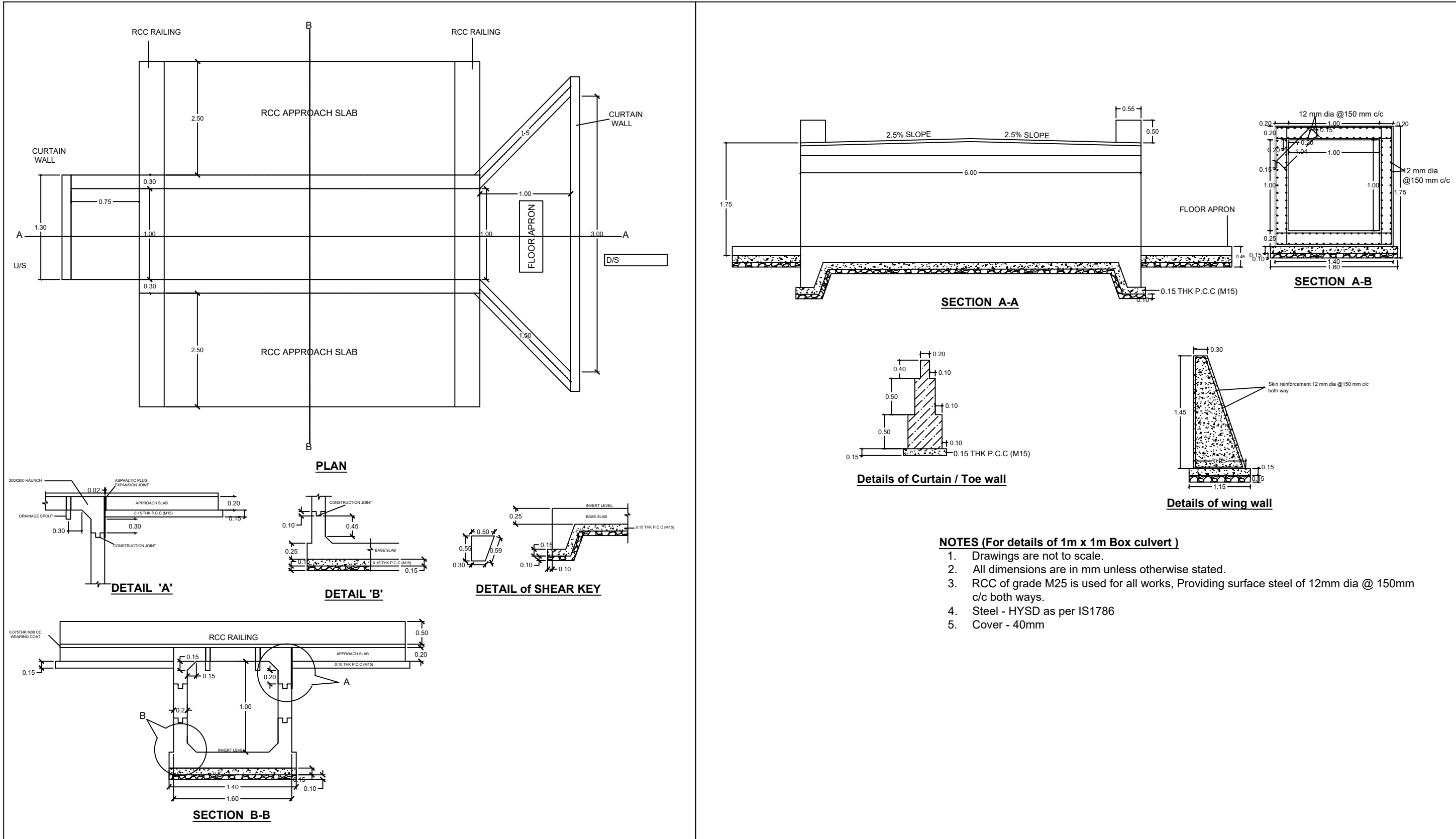
**Name of work : Upgradation of Road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)),
Length= 20.00KM, under CRIF.**



TYPICAL CROSS-SECTION OF SINGLE - LANE IN MOUNTAINOUS TERRAIN.

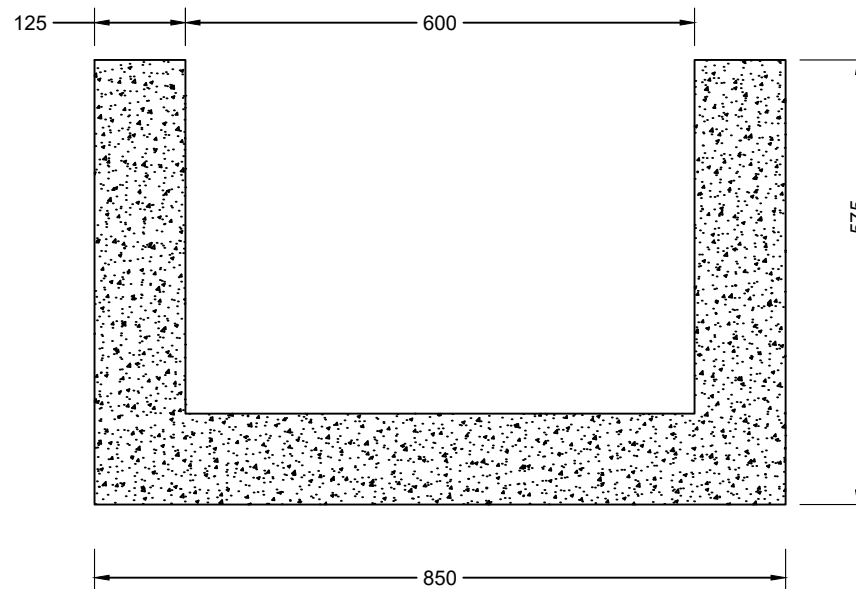
Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

DETAILS OF BOX CULVERT



**Name of work : Upgradation of Road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)),
Length= 20.00KM, under CRIF.**

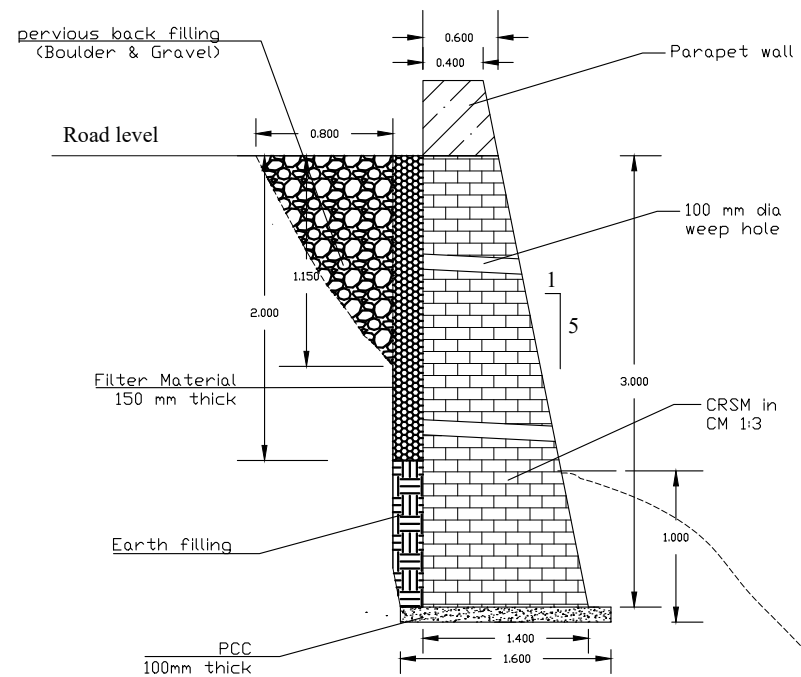
Details of Lined Sidedrain



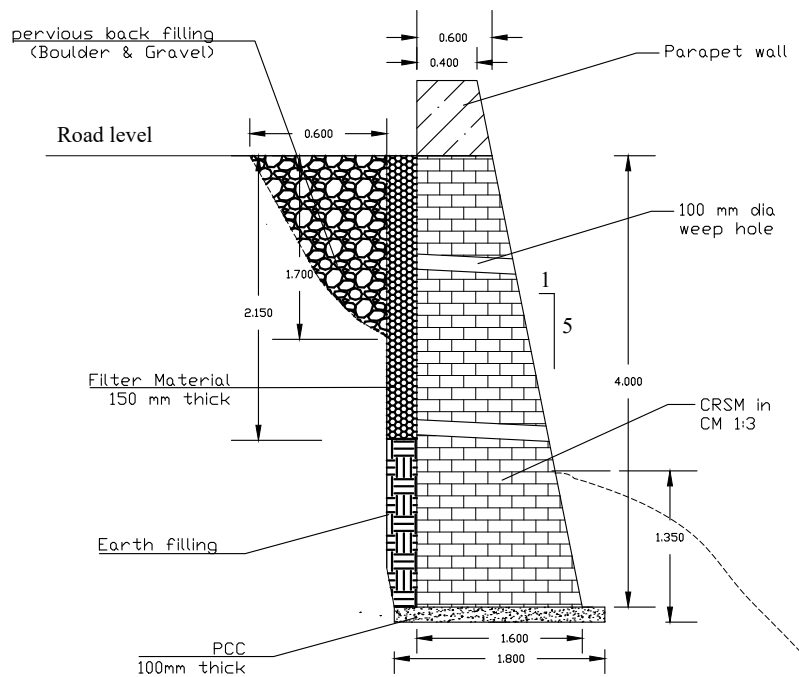
NOTES (For Lined Side Drain)

1. Drawings are not to scale.
2. All dimensions are in mm unless otherwise stated.
3. Providing surface steel of 8mm dia @ 200mm c/c both side
4. PCC of grade M15.

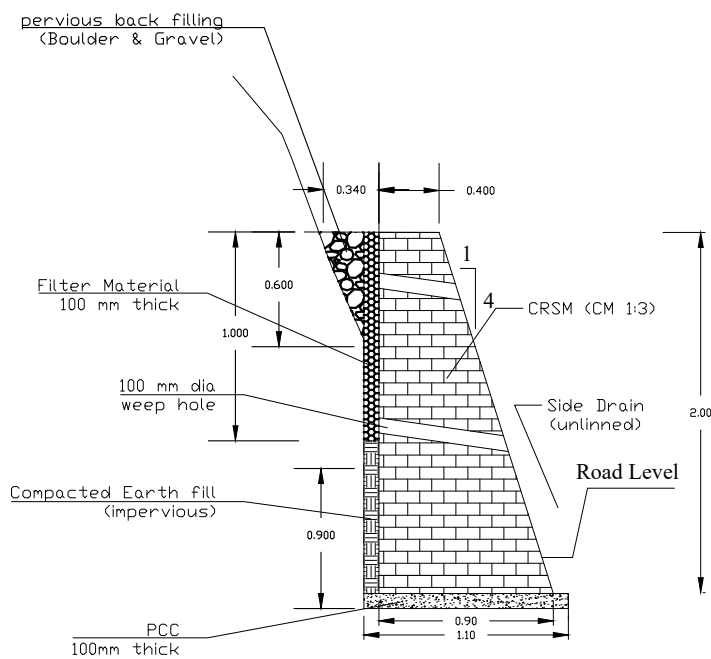
Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.



Retaining Wall (3.00 m high)



Retaining Wall (4.00 m high)

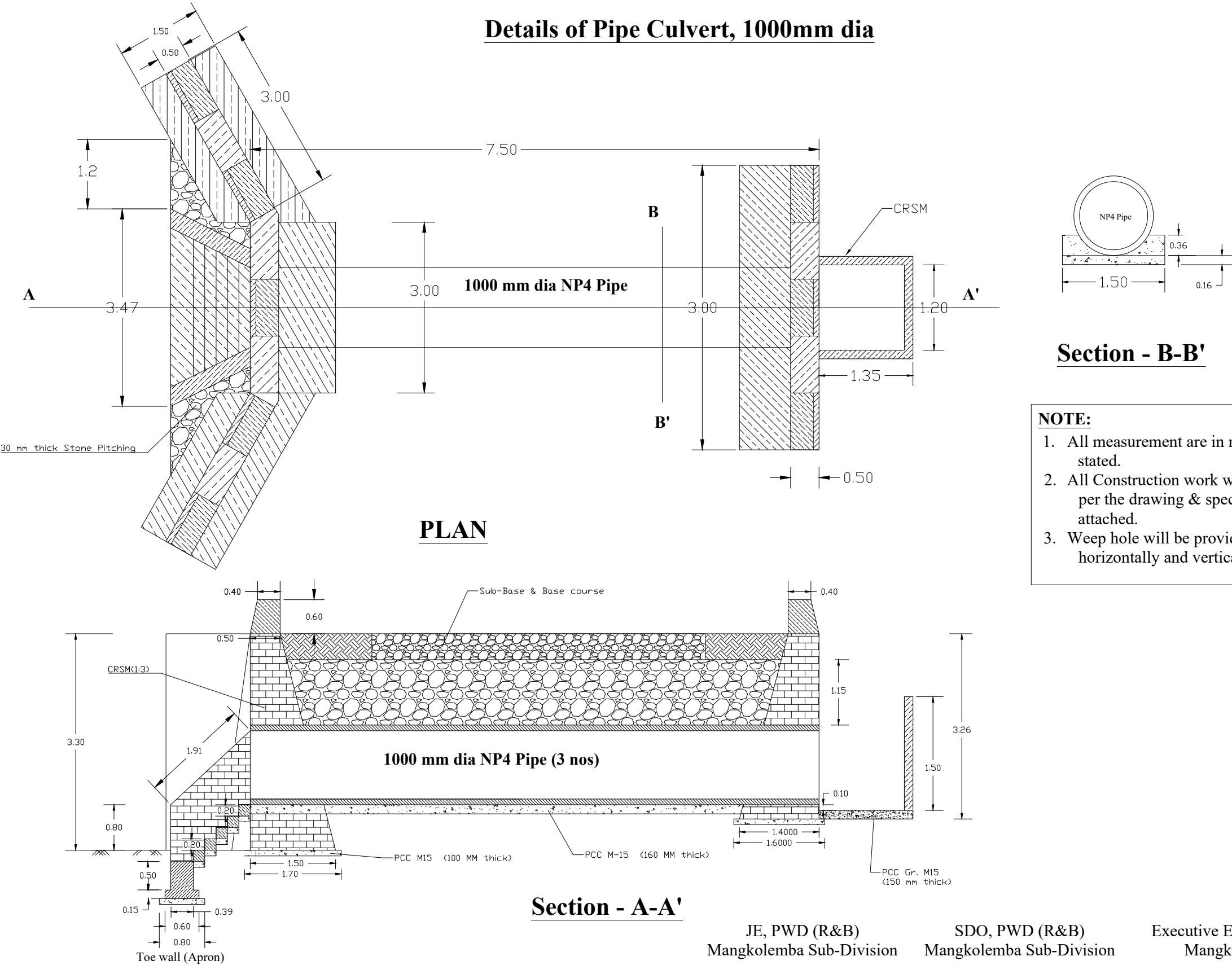


Breast Wall 2.00m High

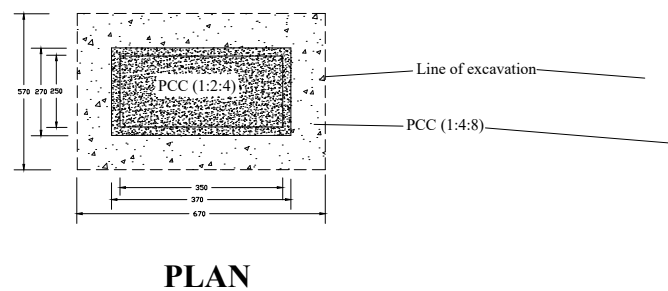
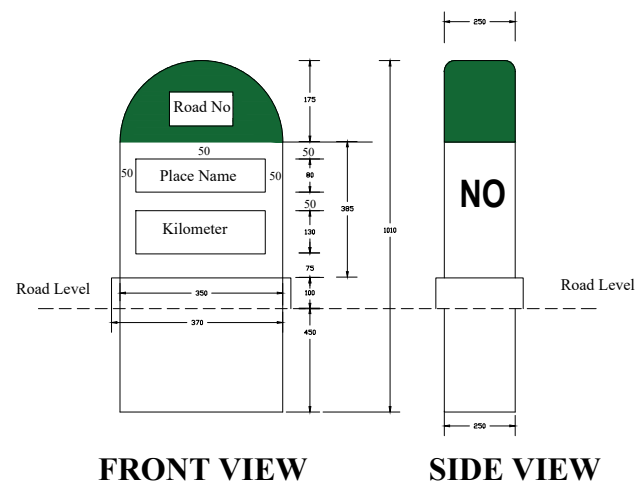
Note :

- # All measurement are in meters, unless stated.
- # Drawing is not to Scale
- # All Construction work will be followed as per the Drawing & specification attached.
- # Weep hole will be provided 1.00m c/c horizontally and vertically with slope 25%

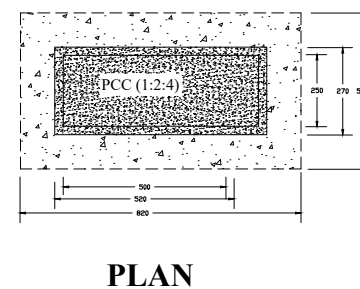
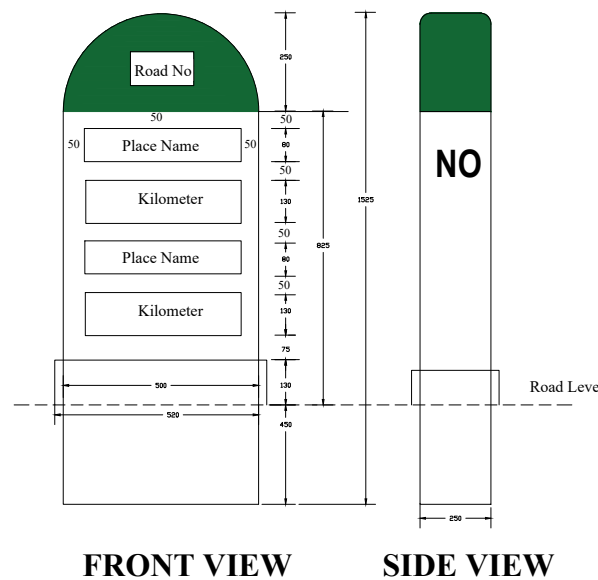
Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen) Length = 20.000 km, under CRIF.



Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen(Dibuia)), Length = 20.000 km, under CRIF.



Ordinary Kilometer Post

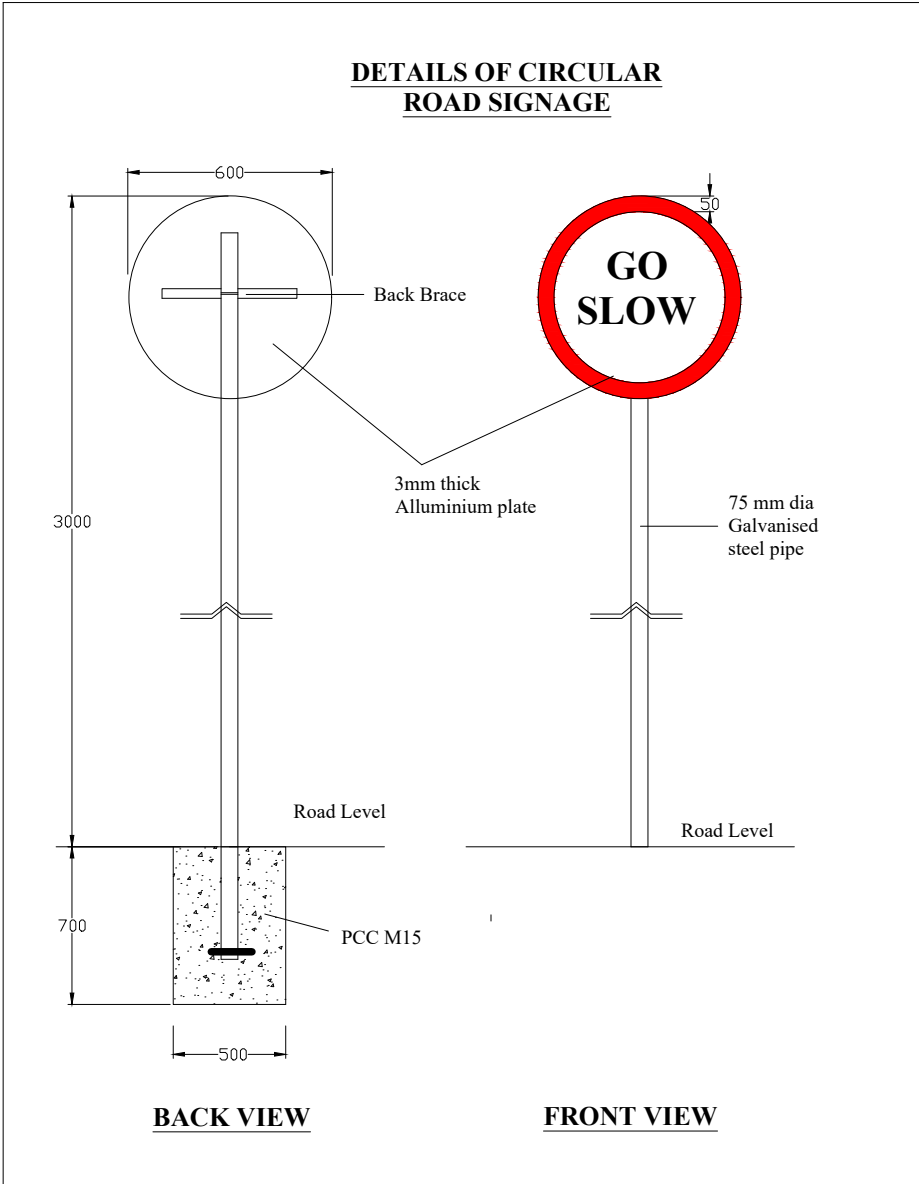
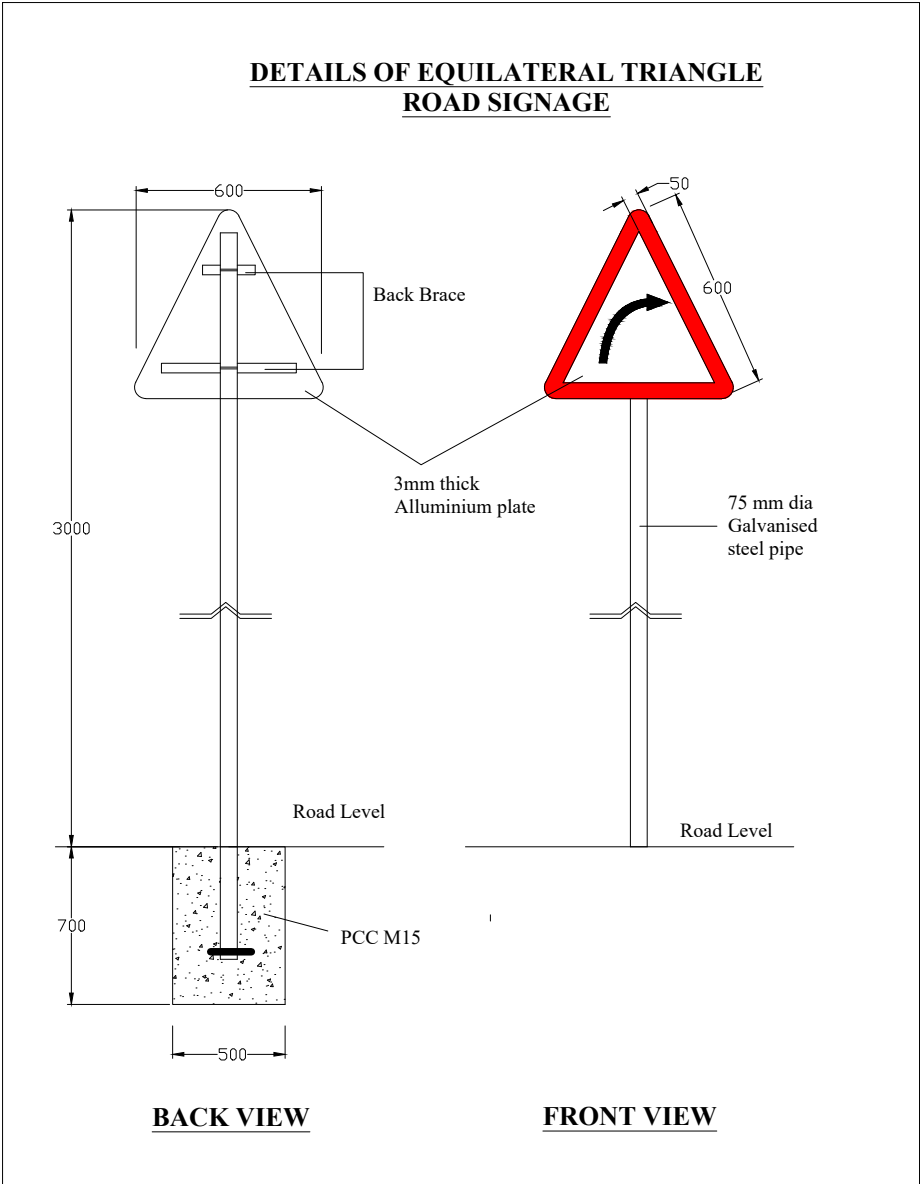


0, 5th, 10th - Kilometer Post

NOTES :

1. Drawing is not to Scale.
2. All measurement are in meters unless stated.
3. All Construction work will be followed as per the specification attached.
4. All Dimension, lettering and numbering for Ordinary and 5th kilometer stone will be as per drawing and as per IRC : 67.
5. Supplying, fitting & fixing of full retro-reflectorised traffic informatory sign board will be as per IRC : 67

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen(Dibuia)), Length = 20.000 km, under CRIF.

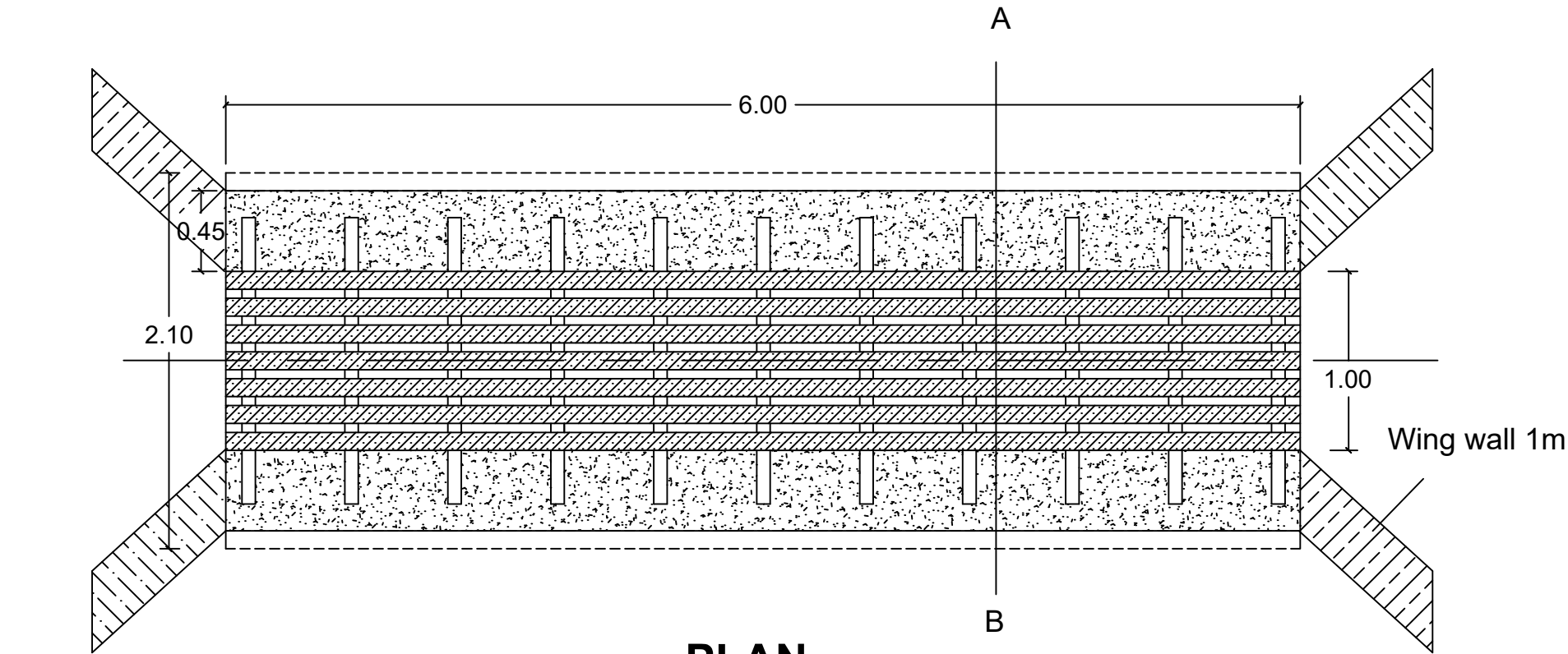


NOTES :

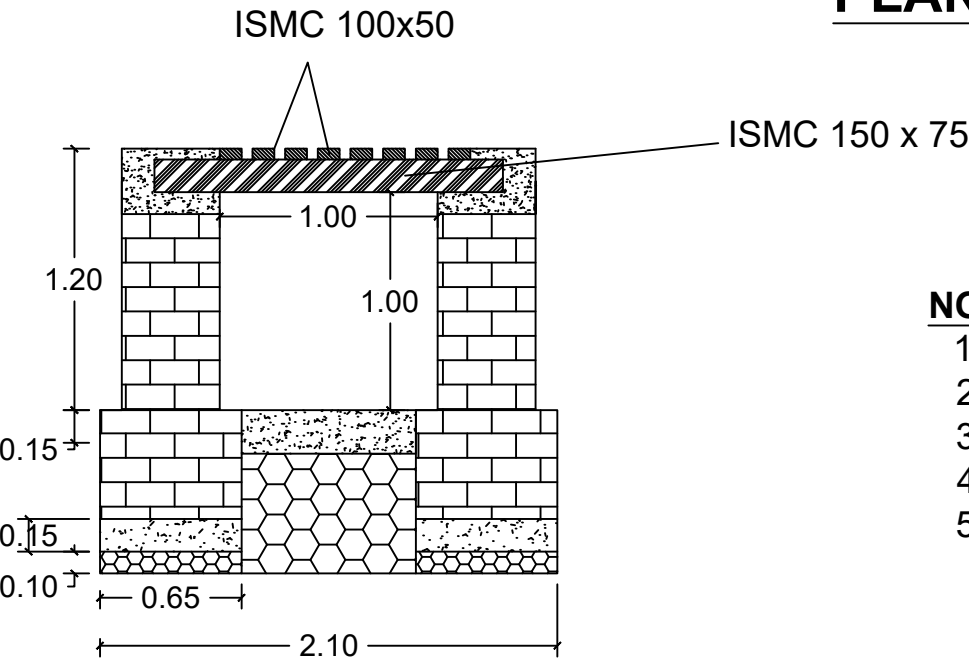
1. Drawing is not to Scale.
2. All measurement are in meters unless stated.
3. All Construction work will be followed as per the specification attached.
4. All Dimension, lettering and numbering for Ordinary and 5th kilometer stone will be as per drawing and as per IRC : 67.
5. Supplying, fitting & fixing of full retro-reflectorised traffic informatory sign board will be as per IRC : 67

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

DETAILS OF CATTLE TRAPS



PLAN

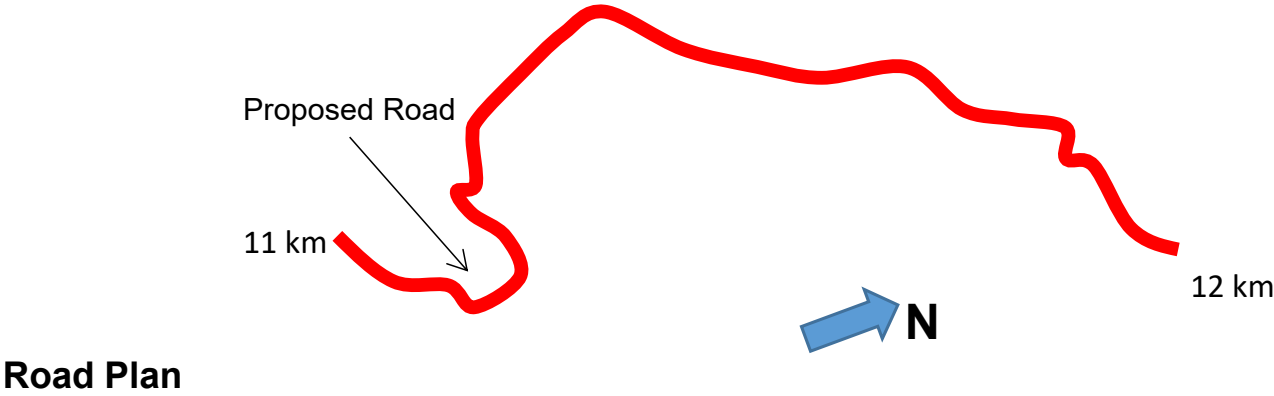


SECTION A-B

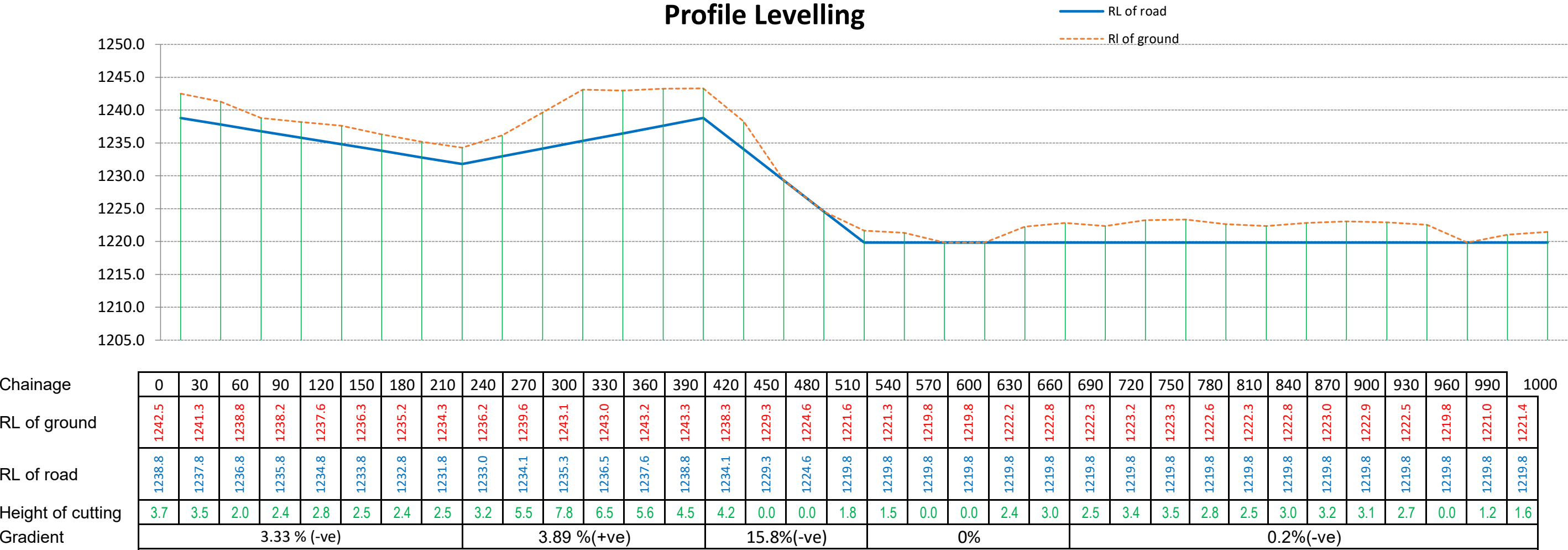
NOTES (For details of cattle traps)

1. Drawings are not to scale.
2. All dimensions are in meters unless otherwise stated.
3. CRSM (1:3) for abutment wall
4. PCC M15 for PCC works.
5. Structural steel work as per IS 808.

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen(Dibuia)), Length = 20.000 km, under CRIF.



Profile Levelling

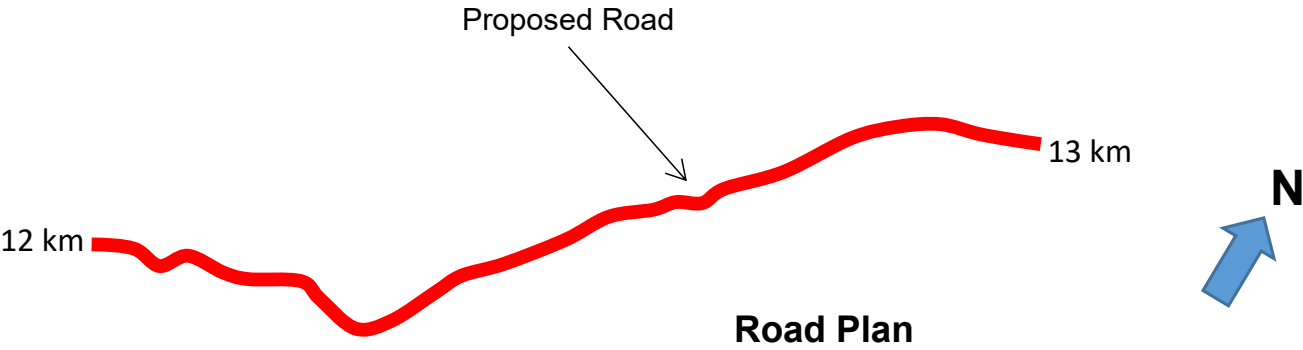


Junior Engineer, PWD(R&B),
Mangkolemba Division

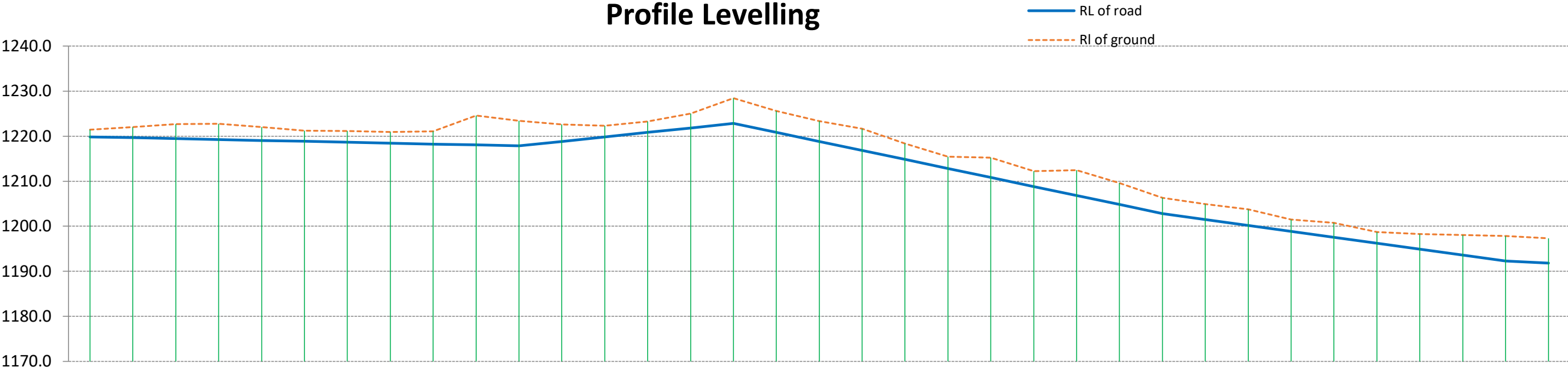
Sub-Divisional Officer, PWD(R&B),
Mangkolemba Division

Executive Engineer, PWD(R&B),
Mangkolemba Division

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen(Dibuia)), Length = 20.000 km, under CRIF.

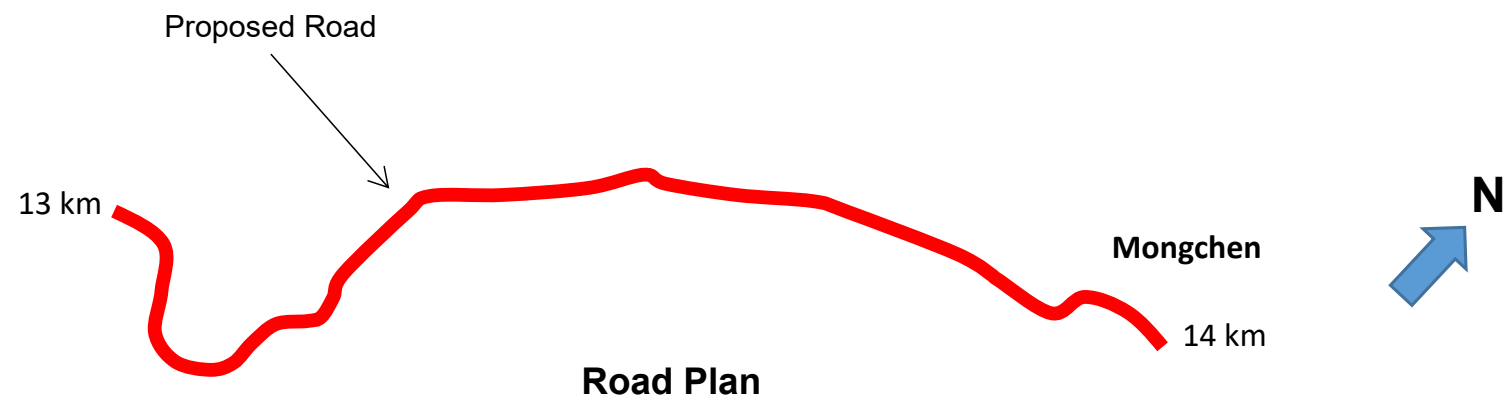


Profile Levelling

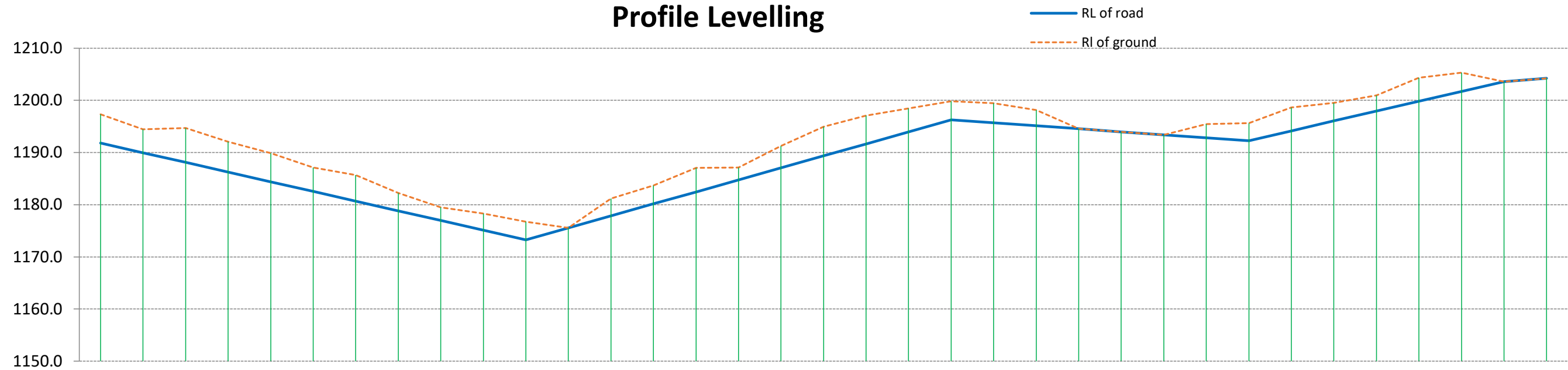


Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000
RL of ground	1221.4	1222.0	1222.6	1222.7	1222.0	1221.2	1221.1	1220.9	1221.0	1224.5	1223.4	1222.6	1222.3	1223.2	1225.0	1228.4	1225.6	1223.3	1221.6	1218.3	1215.4	1215.2	1212.2	1212.4	1209.6	1206.3	1204.9	1203.8	1201.5	1200.7	1198.7	1198.3	1198.1	1197.9	1197.3
RL of road	1219.8	1219.6	1219.4	1219.2	1219.0	1218.8	1218.6	1218.4	1218.2	1218.0	1217.8	1218.8	1219.8	1220.8	1221.8	1222.8	1220.8	1218.8	1216.8	1214.8	1212.8	1210.8	1208.8	1206.8	1204.8	1202.8	1201.5	1200.2	1198.9	1197.5	1196.2	1194.9	1193.6	1192.3	1191.8
Height of cutting	1.6	2.4	3.2	3.5	3.0	2.4	2.5	2.5	2.8	6.5	5.6	3.8	2.5	2.4	3.2	5.6	4.8	4.5	4.8	3.5	2.6	4.4	3.4	5.6	4.8	3.5	3.4	3.6	2.6	3.2	2.5	3.4	4.5	5.6	5.5
Gradient	0.67(-ve)											3.33(+ve)					6.67(-ve)									4.4%(-ve)									

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen(Dibuia)), Length = 20.000 km, under CRIF.

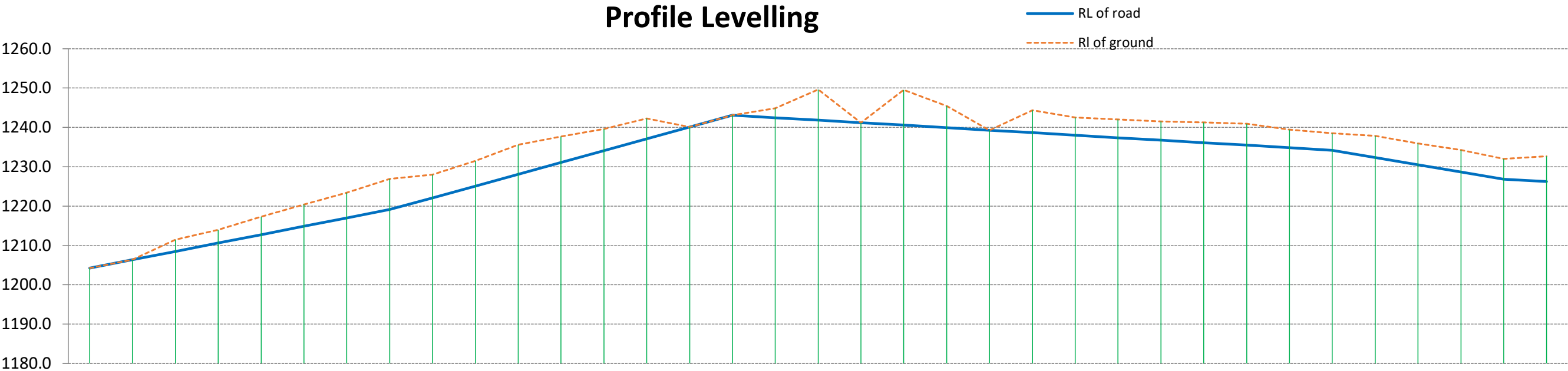
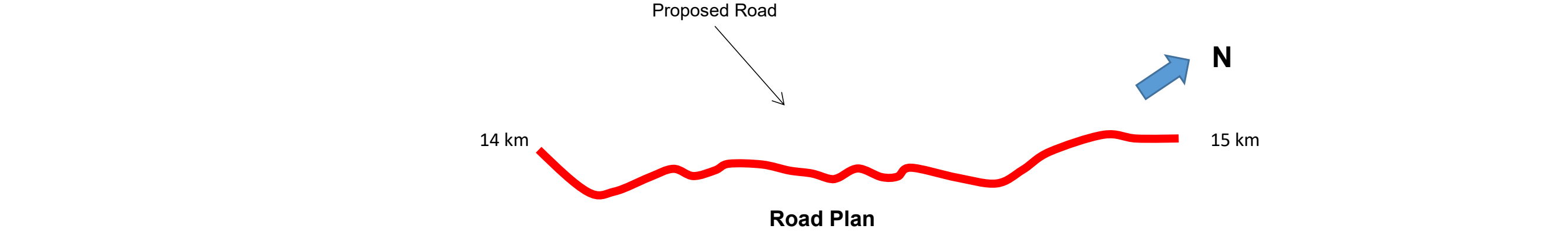


Profile Levelling



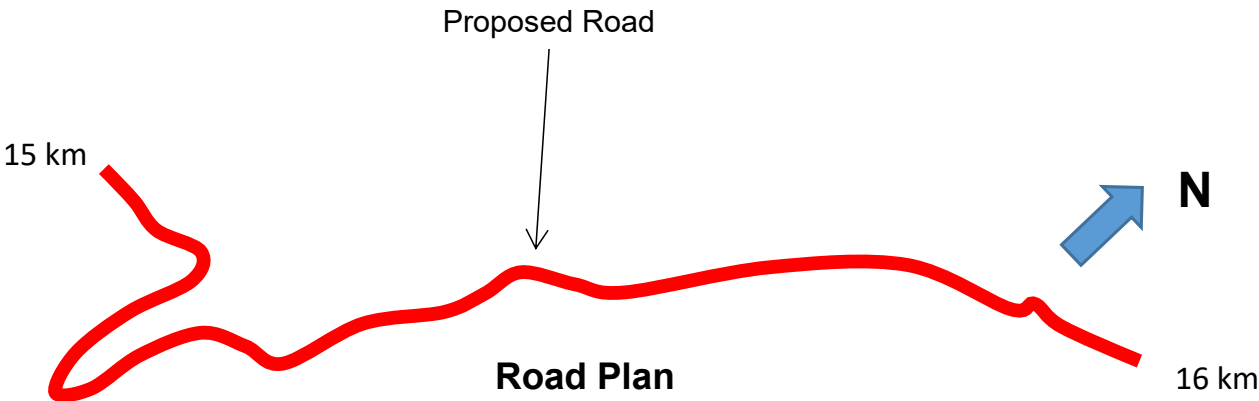
Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000
RL of ground	1197.3	1194.5	1194.7	1192.1	1189.9	1187.1	1185.7	1182.2	1179.5	1178.3	1176.8	1175.6	1181.2	1183.7	1187.1	1187.2	1191.3	1195.0	1197.1	1198.5	1199.9	1199.5	1198.1	1194.6	1194.0	1193.4	1195.4	1195.7	1198.7	1199.6	1200.9	1204.3	1205.3	1203.6	1204.2
RL of road	1191.8	1190.0	1188.1	1186.3	1184.4	1182.5	1180.7	1178.8	1177.0	1175.1	1173.3	1175.6	1177.9	1180.2	1182.5	1184.8	1187.1	1189.4	1191.7	1194.0	1196.3	1195.7	1195.1	1194.6	1194.0	1193.4	1192.8	1192.3	1194.2	1196.1	1197.9	1199.8	1201.7	1203.6	1204.2
Height of cutting	5.5	4.5	6.6	5.8	5.5	4.6	5.0	3.4	2.5	3.2	3.5	0.0	3.3	3.5	4.6	2.4	4.2	5.6	5.4	4.5	3.6	3.8	3.0	0.0	0.0	0.0	2.6	3.4	4.5	3.5	3.0	4.5	3.6	0.0	0.0
Gradient	6.19(-ve)											7.67(+ve)										1.9%(-ve)							6.3%(+)						

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen(Dibuia)), Length = 20.000 km, under CRIF.

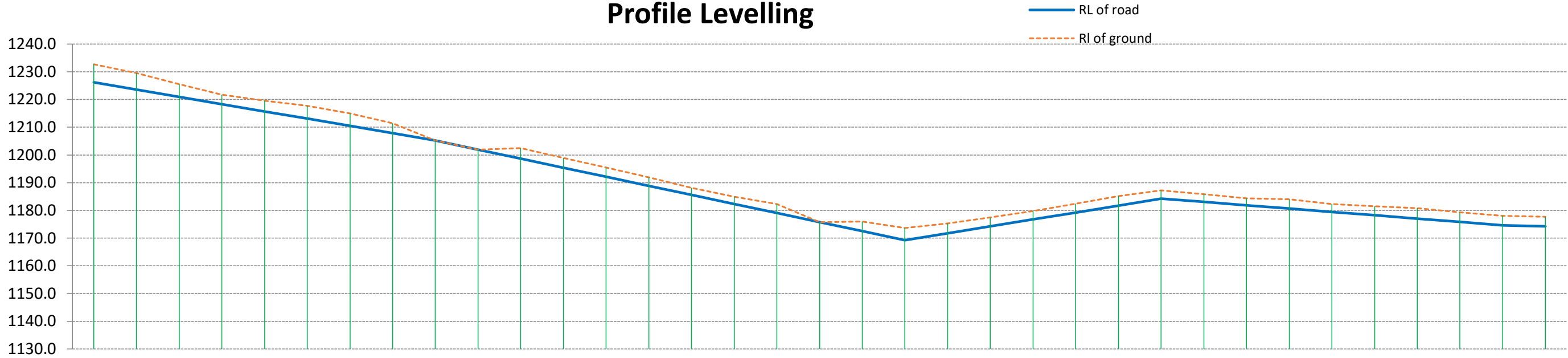


Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000
RL of ground	1204.2	1206.4	1211.5	1214.0	1217.3	1220.4	1223.4	1226.9	1228.0	1231.5	1235.6	1237.7	1239.6	1242.3	1240.1	1243.1	1244.9	1249.6	1241.2	1249.6	1245.4	1239.3	1244.4	1242.5	1242.0	1241.6	1241.3	1241.0	1239.4	1238.5	1237.9	1235.9	1234.3	1232.0	1232.7
RL of road	1204.2	1206.4	1208.5	1210.6	1212.7	1214.9	1217.0	1219.1	1222.1	1225.1	1228.1	1231.1	1234.1	1237.1	1240.1	1243.1	1242.5	1241.8	1241.2	1240.6	1239.9	1239.3	1238.7	1238.0	1237.4	1236.8	1236.1	1235.5	1234.8	1234.2	1232.4	1230.5	1228.7	1226.8	1226.2
Height of cutting	0.0	0.0	3.0	3.4	4.6	5.5	6.4	7.8	5.9	6.4	7.5	6.6	5.5	5.2	0.0	0.0	2.4	7.8	0.0	9.0	5.5	0.0	5.7	4.5	4.6	4.8	5.2	5.5	4.6	4.3	5.5	5.4	5.6	5.2	6.5
Gradient	7.08(+ve)								8.09(+ve)								2.12(-ve)												6.15%(-ve)						

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen(Dibuia)), Length = 20.000 km, under CRIF.

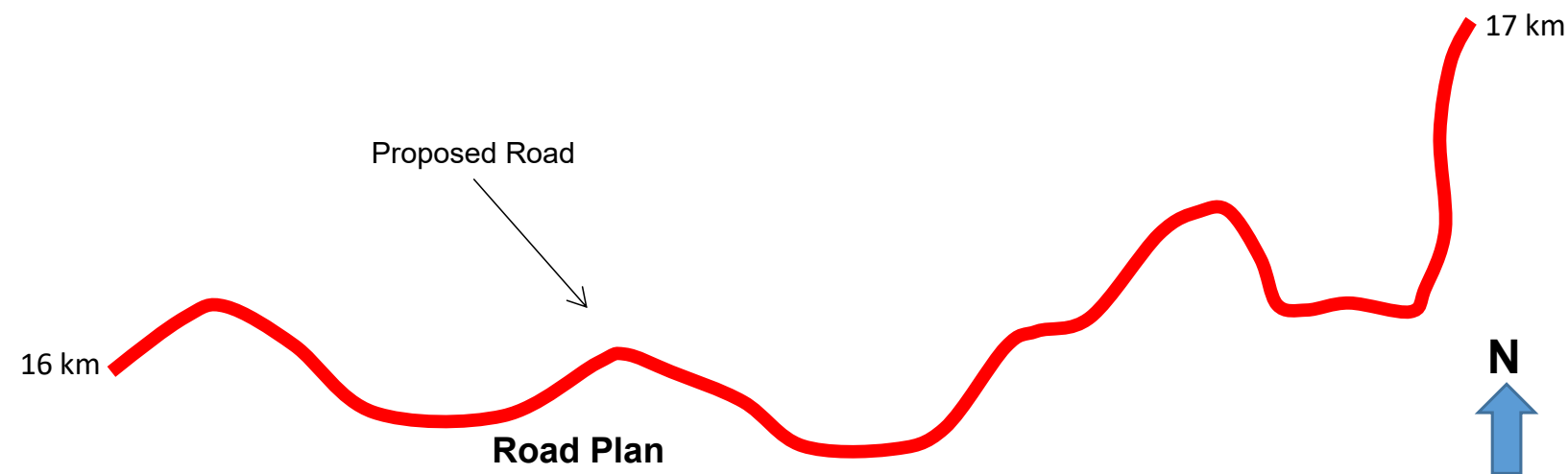


Profile Levelling

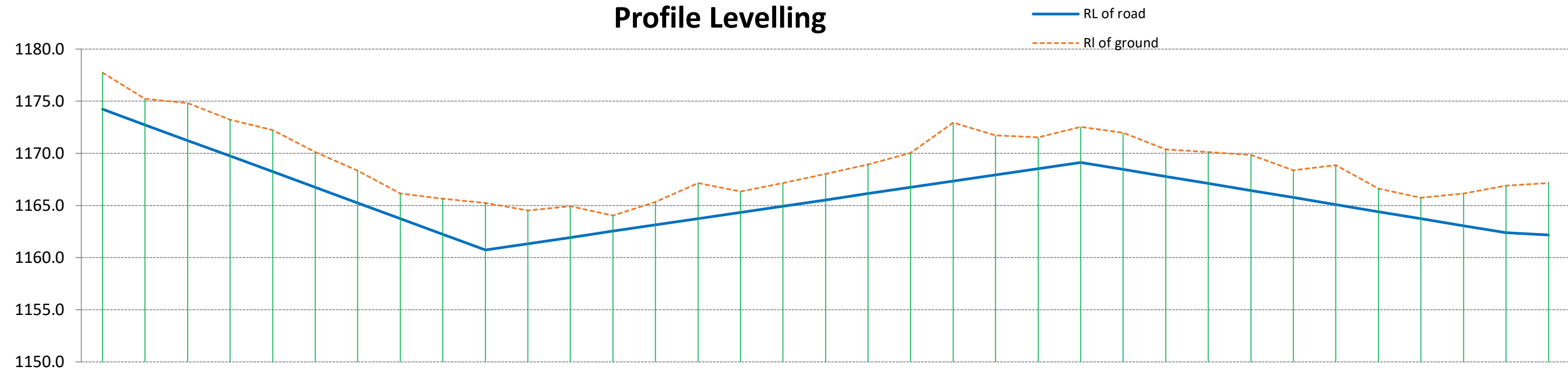


Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000
RL of ground	1232.7	1229.6	1225.6	1221.7	1219.5	1217.7	1215.0	1211.4	1205.2	1201.9	1202.5	1198.9	1195.5	1191.9	1188.1	1184.9	1182.3	1175.8	1176.0	1173.6	1175.3	1177.4	1179.7	1182.4	1185.1	1187.2	1185.8	1184.3	1184.0	1182.2	1181.4	1180.8	1179.3	1178.0	1177.7
RL of road	1226.2	1223.6	1221.0	1218.3	1215.7	1213.1	1210.5	1207.8	1205.2	1201.9	1198.7	1195.4	1192.1	1188.9	1185.6	1182.3	1179.1	1175.8	1172.5	1169.2	1171.7	1174.2	1176.7	1179.2	1181.7	1184.2	1183.0	1181.8	1180.6	1179.4	1178.2	1177.0	1175.8	1174.6	1174.2
Height of cutting	6.5	6.0	4.6	3.4	3.8	4.6	4.5	3.6	0.0	0.0	3.8	3.5	3.4	3.0	2.5	2.6	3.2	0.0	3.5	4.4	3.6	3.2	3.0	3.2	3.4	3.0	2.8	2.5	3.4	2.8	3.2	3.8	3.5	3.4	3.5
Gradient	8.75%(-ve)									10.9% (-ve)										8.33(+ve)						4%(-ve)									

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen(Dibuia)), Length = 20.000 km, under CRIF.

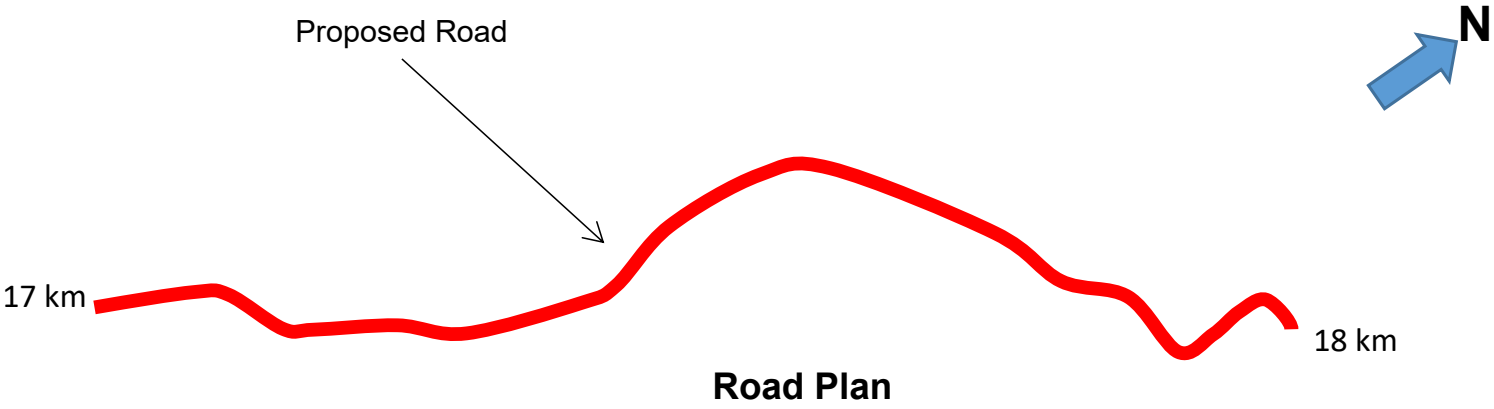


Profile Levelling

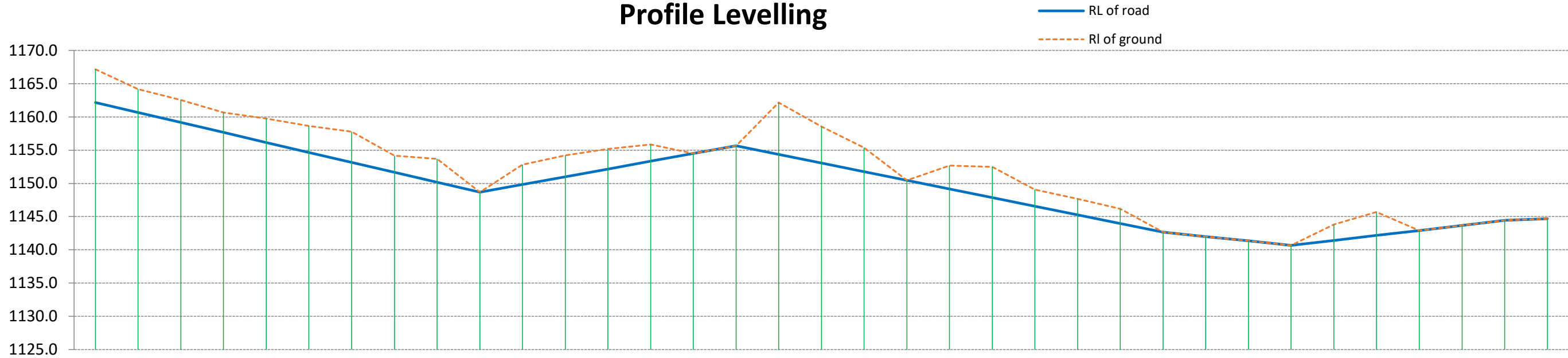


Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000
RL of ground	1177.7	1175.2	1174.8	1173.2	1172.2	1170.1	1168.3	1166.1	1165.6	1165.2	1164.5	1164.9	1164.0	1165.3	1167.1	1166.3	1167.1	1168.0	1168.9	1170.0	1172.9	1171.7	1171.5	1172.5	1172.0	1170.4	1170.1	1169.8	1168.4	1168.9	1166.6	1165.7	1166.2	1166.9	1167.2
RL of road	1174.2	1172.7	1171.2	1169.7	1168.2	1166.7	1165.2	1163.7	1162.2	1160.7	1161.3	1161.9	1162.5	1163.1	1163.7	1164.3	1164.9	1165.5	1166.1	1166.7	1167.3	1167.9	1168.5	1169.1	1168.5	1167.8	1167.1	1166.4	1165.8	1165.1	1164.4	1163.7	1163.1	1162.4	1162.2
Height of cutting	3.5	2.5	3.6	3.5	4.0	3.4	3.1	2.4	3.4	4.5	3.2	3.0	1.5	2.2	3.4	2.0	2.2	2.5	2.8	3.3	5.6	3.8	3.0	3.4	3.5	2.6	3.0	3.4	2.6	3.8	2.2	2.0	3.1	4.5	5.0
Gradient	5%(-ve)										2(+ve)										2.25%(-ve)														

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen(Dibuia)), Length = 20.000 km, under CRIF.

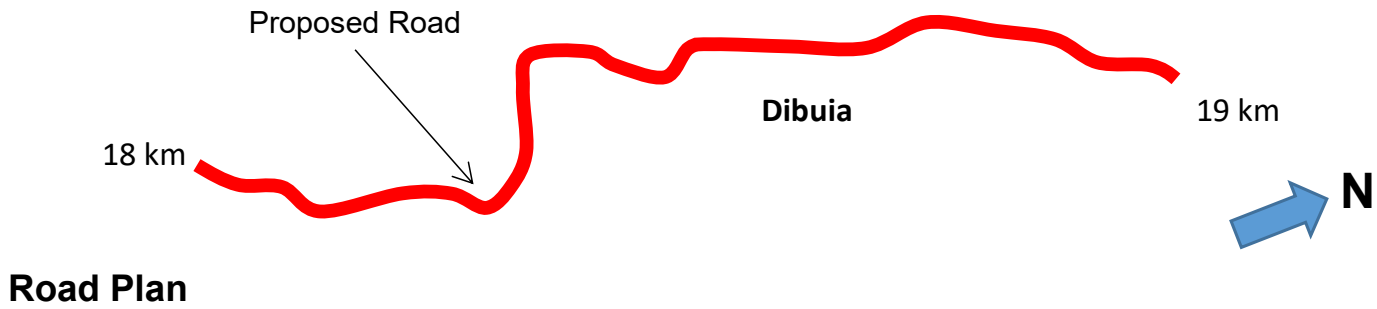


Profile Levelling

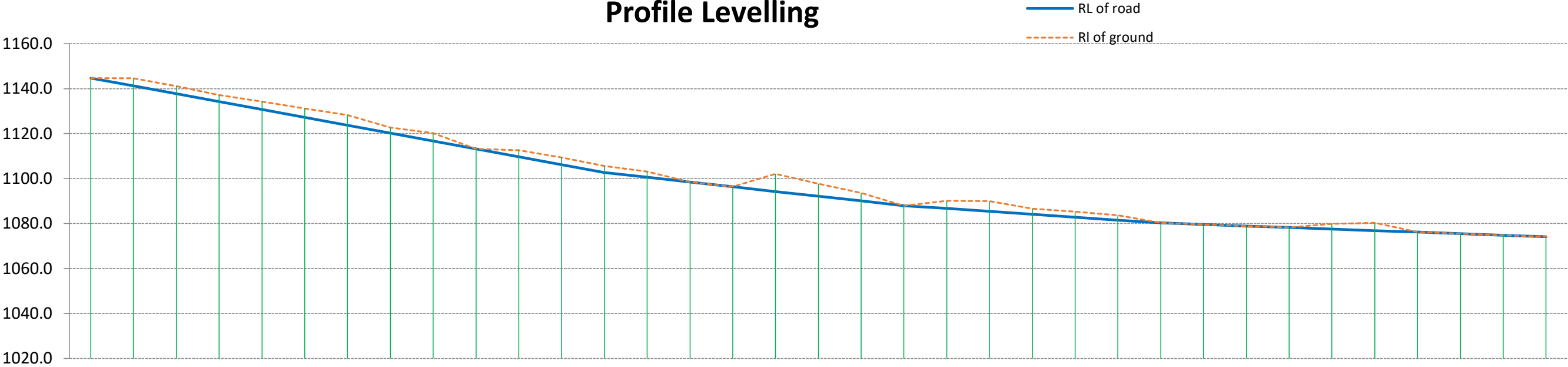


Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000
RL of ground	1167.2	1164.2	1162.6	1160.7	1159.8	1158.7	1157.8	1154.2	1153.7	1148.7	1152.8	1154.2	1155.2	1155.8	1154.5	1155.7	1162.2	1158.6	1155.4	1150.5	1152.7	1152.5	1149.1	1147.7	1146.2	1142.7	1142.0	1141.3	1140.7	1143.8	1145.7	1142.9	1143.7	1144.4	1144.7
RL of road	1162.2	1160.7	1159.2	1157.7	1156.2	1154.7	1153.2	1151.7	1150.2	1148.7	1149.8	1151.0	1152.2	1153.3	1154.5	1155.7	1154.4	1153.1	1151.8	1150.5	1149.2	1147.9	1146.6	1145.3	1144.0	1142.7	1142.0	1141.3	1140.7	1141.4	1142.2	1142.9	1143.7	1144.4	1144.7
Height of cutting	5.0	3.5	3.4	3.0	3.6	4.0	4.6	2.5	3.5	0.0	3.0	3.2	3.0	2.5	0.0	0.0	7.8	5.5	3.6	0.0	3.5	4.6	2.5	2.4	2.2	0.0	0.0	0.0	0.0	2.4	3.5	0.0	0.0	0.0	0.0
Gradient	5%(-ve)										3.89% (+ve)						4.33%(-ve)								2.22%(-ve)			2.5%(+ve)							

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen(Dibuia)), Length = 20.000 km, under CRIF.

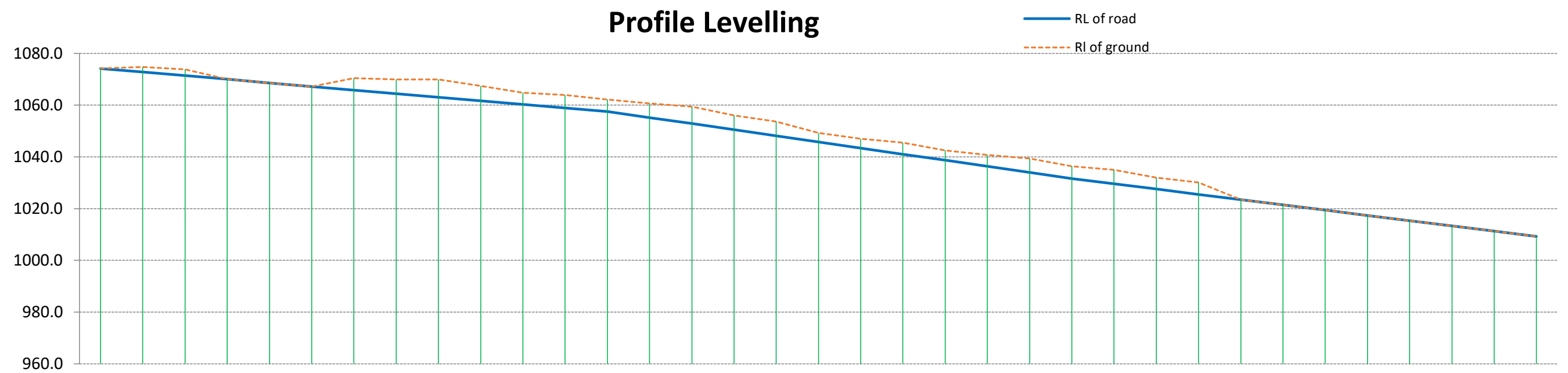
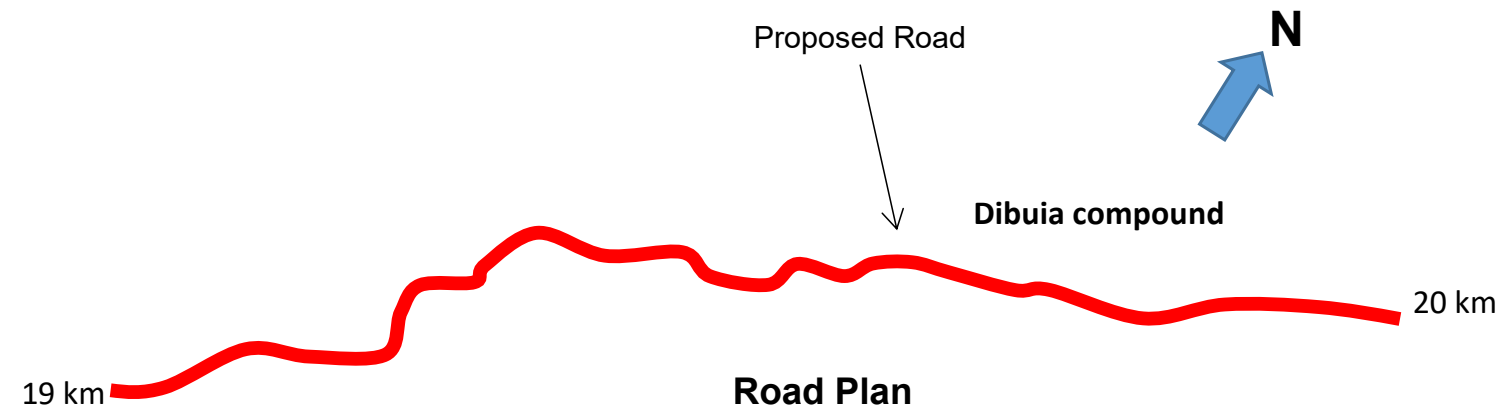


Profile Levelling



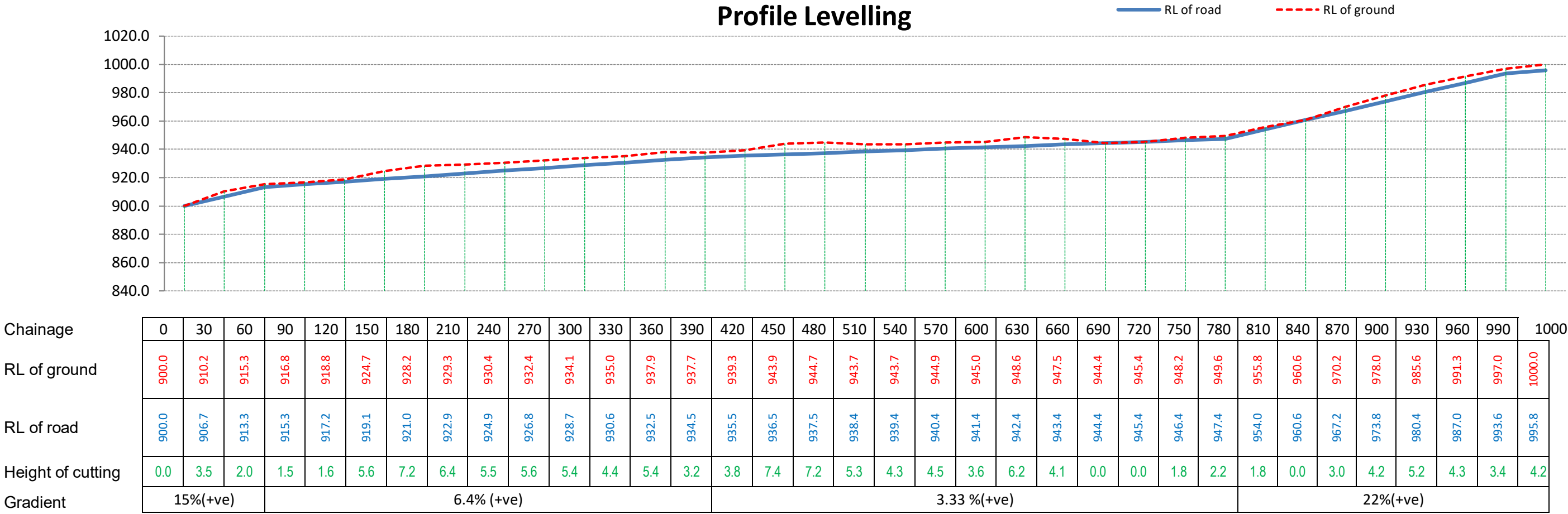
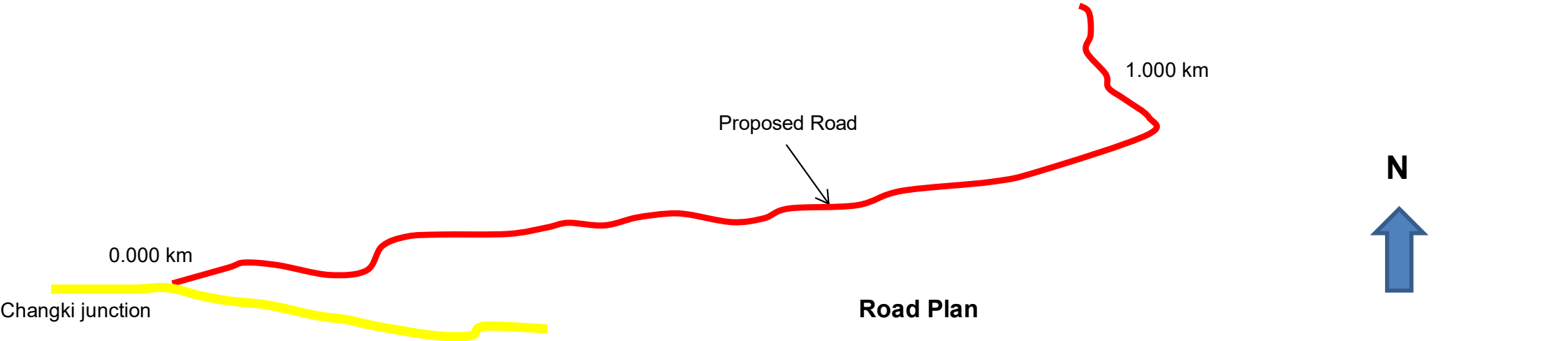
Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000
RL of ground	1144.7	1144.7	1141.1	1137.2	1134.3	1131.2	1128.3	1122.7	1120.2	1113.2	1112.7	1109.4	1105.7	1103.1	1098.5	1096.4	1102.1	1097.7	1093.7	1088.0	1090.2	1090.0	1086.6	1085.2	1083.7	1080.3	1079.6	1078.9	1078.2	1079.9	1080.4	1076.2	1075.5	1074.8	1074.1
RL of road	1144.7	1141.2	1137.7	1134.2	1130.7	1127.2	1123.7	1120.2	1116.7	1113.2	1109.7	1106.2	1102.7	1100.6	1098.5	1096.4	1094.3	1092.2	1090.1	1088.0	1086.7	1085.4	1084.1	1082.8	1081.5	1080.3	1079.6	1078.9	1078.2	1077.5	1076.9	1076.2	1075.5	1074.8	1074.1
Height of cutting	0.0	3.5	3.4	3.0	3.6	4.0	4.6	2.5	3.5	0.0	3.0	3.2	3.0	2.5	0.0	0.0	7.8	5.5	3.6	0.0	3.5	4.6	2.5	2.4	2.2	0.0	0.0	0.0	0.0	2.4	3.5	0.0	0.0	0.0	0.0
Gradient	11.67%(-ve)													7%(-ve)						4.28%(-ve)						6.80%(-ve)									

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen(Dibuia)), Length = 20.000 km, under CRIF.

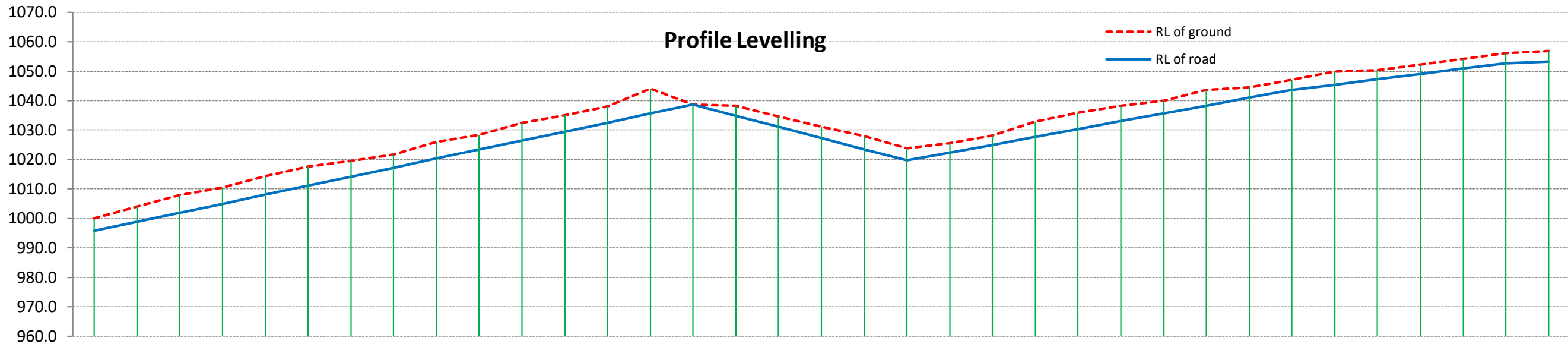
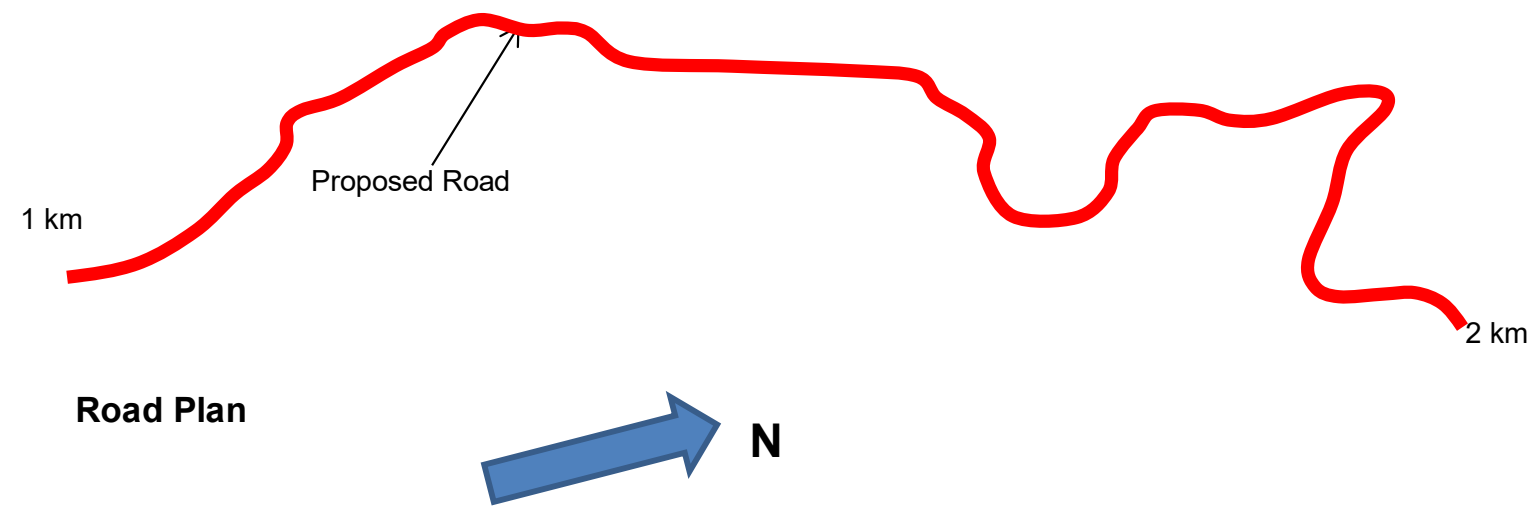


Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000
RL of ground	1074.1	1074.8	1073.8	1070.0	1068.6	1067.2	1070.5	1070.0	1069.9	1067.4	1064.8	1064.0	1062.2	1060.6	1059.4	1056.1	1053.6	1049.3	1047.0	1045.6	1042.5	1040.7	1039.4	1036.4	1035.0	1032.0	1030.1	1023.5	1021.5	1019.4	1017.4	1015.4	1013.3	1011.3	1009.3
RL of road	1074.1	1072.8	1071.4	1070.0	1068.6	1067.2	1065.9	1064.5	1063.1	1061.7	1060.3	1059.0	1057.6	1055.2	1052.9	1050.5	1048.1	1045.8	1043.4	1041.1	1038.7	1036.3	1034.0	1031.6	1029.6	1027.5	1025.5	1023.5	1021.5	1019.4	1017.4	1015.4	1013.3	1011.3	1009.3
Height of cutting	0.0	2.0	2.4	0.0	0.0	0.0	4.6	5.5	6.8	5.7	4.5	5.0	4.6	5.4	6.5	5.6	5.5	3.5	3.6	4.5	3.8	4.4	5.4	4.8	5.4	4.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gradient	4.6%(-ve)													7.87%(-ve)										6.77%(-ve)											

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

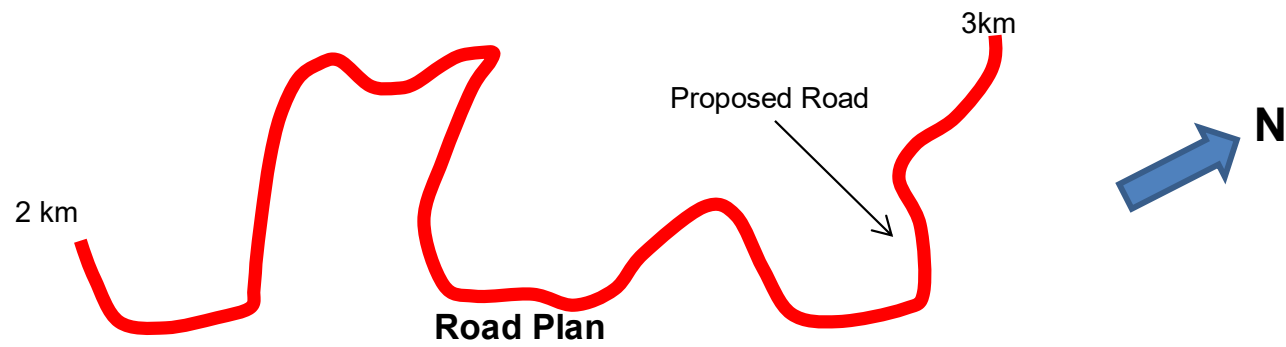


Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

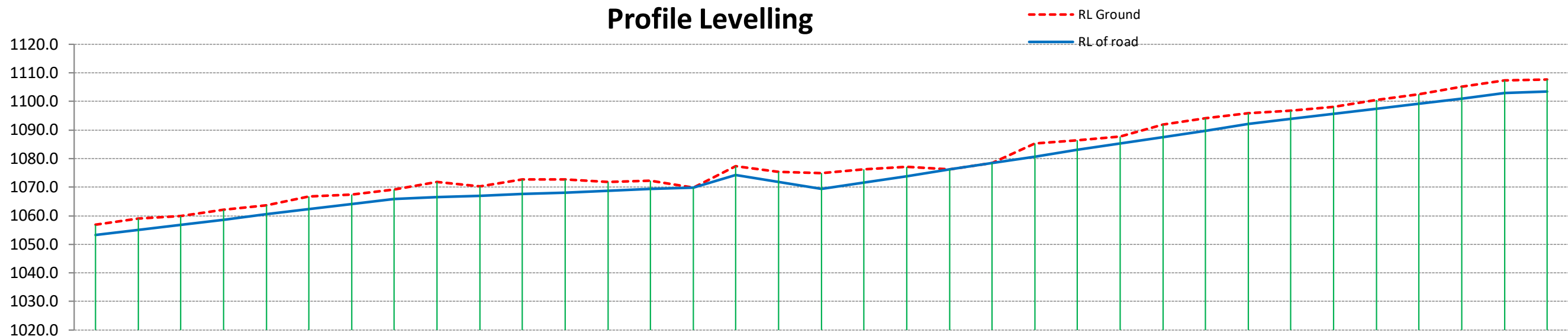


Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000
RL of ground	1000.0	1004.1	1008.0	1010.5	1014.5	1017.6	1019.6	1021.8	1026.0	1028.4	1032.4	1035.1	1038.1	1044.1	1038.7	1038.4	1034.7	1031.1	1028.0	1023.9	1025.5	1028.2	1033.0	1035.8	1038.2	1040.1	1043.6	1044.5	1047.1	1050.0	1050.3	1052.3	1054.3	1056.2	1056.9
RL of road	995.8	998.9	1002.0	1005.0	1008.1	1011.1	1014.2	1017.3	1020.3	1023.4	1026.4	1029.5	1032.6	1035.6	1038.7	1034.9	1031.1	1027.3	1023.5	1019.7	1022.3	1025.0	1027.7	1030.3	1033.0	1035.7	1038.3	1041.0	1043.7	1045.5	1047.3	1049.1	1050.9	1052.7	1053.3
Height of cutting	4.2	5.2	6.0	5.5	6.4	6.5	5.4	4.5	5.7	5.0	6.0	5.6	5.5	8.5	0.0	3.5	3.6	3.8	4.5	4.2	3.2	3.2	5.3	5.5	5.2	4.4	5.3	3.5	3.4	4.5	3.0	3.2	3.4	3.5	3.6
Gradient	10.2%(+ve)															12.67% (-ve)					8.89% (+ve)								6%(+ve)						

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

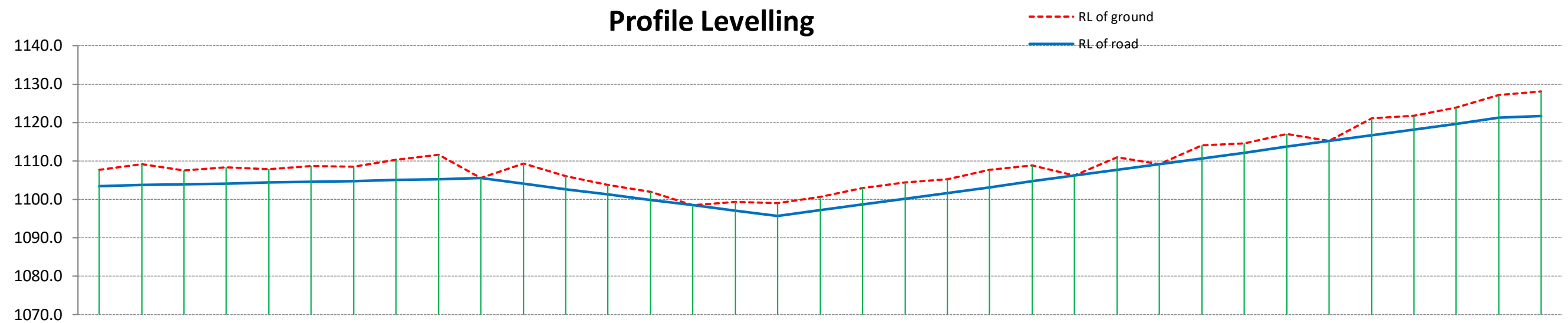
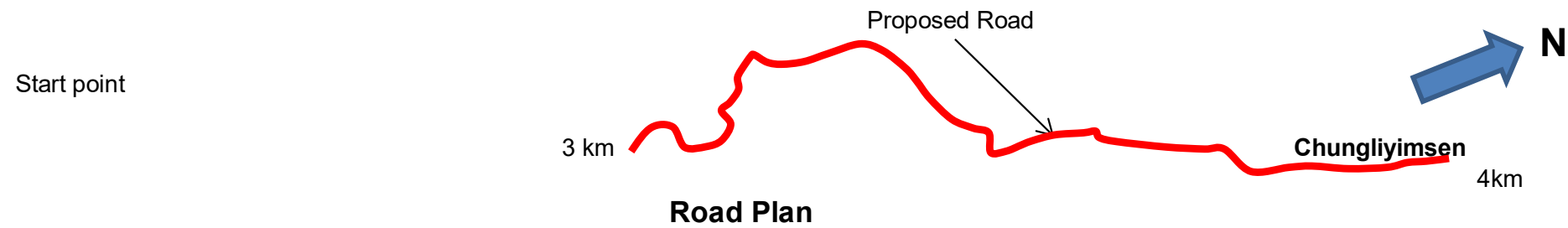


Profile Levelling



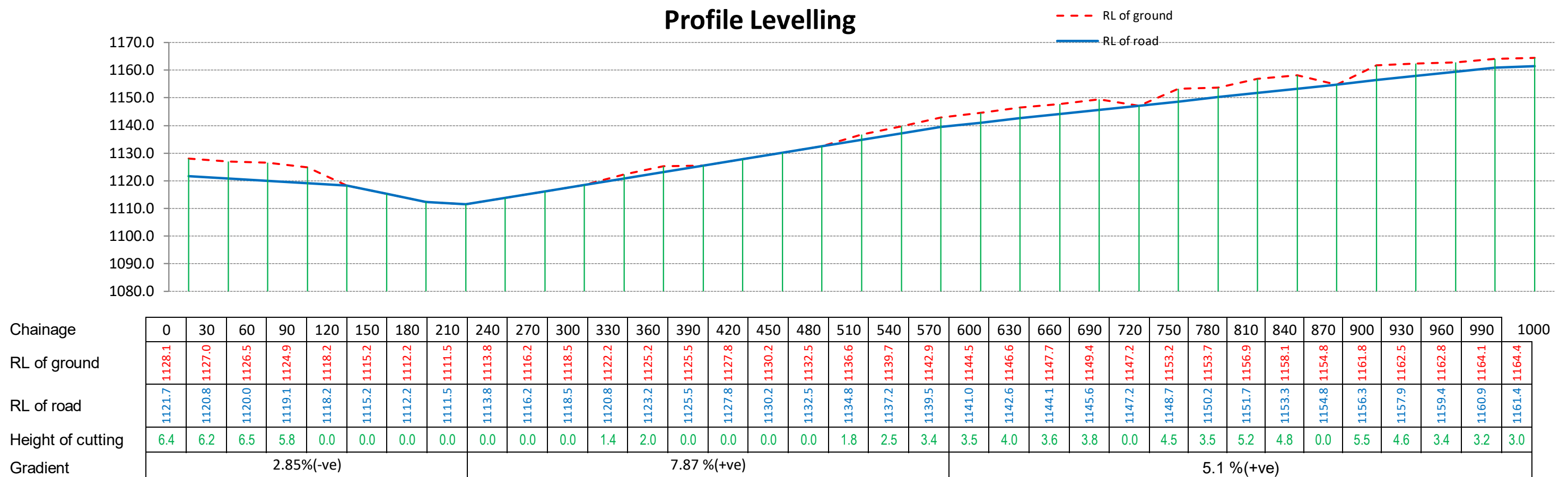
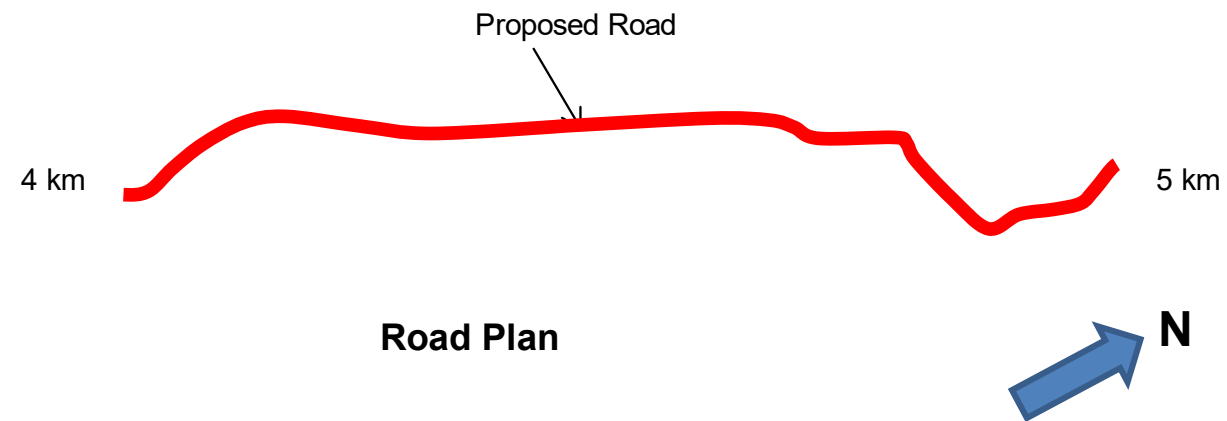
Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000
RL of ground	1056.9	1059.1	1059.9	1062.1	1063.7	1066.8	1067.4	1069.1	1071.8	1070.3	1072.8	1072.7	1071.9	1072.3	1069.9	1077.4	1075.3	1075.0	1076.1	1077.1	1076.2	1078.5	1085.2	1086.5	1087.7	1092.0	1094.2	1095.9	1096.8	1098.2	1100.5	1102.5	1105.2	1107.3	1107.7
RL of road	1053.3	1055.1	1056.9	1058.7	1060.5	1062.3	1064.1	1065.9	1066.4	1067.0	1067.6	1068.2	1068.7	1069.3	1069.9	1074.4	1071.9	1069.4	1071.6	1073.9	1076.2	1078.5	1080.7	1083.0	1085.3	1087.5	1089.8	1092.1	1093.9	1095.7	1097.5	1099.3	1101.1	1102.9	1103.5
Height of cutting	3.6	4.0	3.0	3.4	3.2	4.5	3.3	3.2	5.4	3.3	5.2	4.5	3.2	3.0	0.0	3.0	3.4	5.6	4.5	3.2	0.0	0.0	4.5	3.5	2.4	4.5	4.4	3.8	2.9	2.5	3.0	3.2	4.1	4.4	4.2
Gradient	6%(+ve)								1.9%(+ve)							15%(-ve)			7.57% (+ve)								6%(+ve)								

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

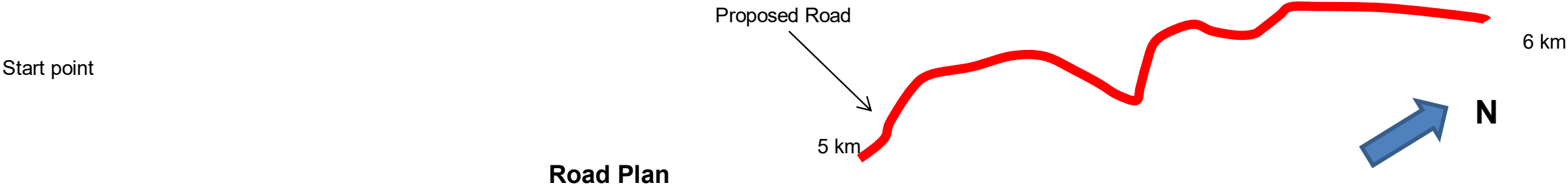


Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000
RL of ground	1107.7	1109.2	1107.5	1108.3	1107.8	1108.6	1108.4	1110.3	1111.7	1105.5	1109.3	1106.1	1103.8	1102.0	1098.5	1099.3	1099.1	1100.7	1102.9	1104.4	1105.2	1107.7	1108.9	1106.2	1110.9	1109.2	1114.1	1114.5	1117.1	1115.2	1121.1	1121.7	1123.9	1127.2	1128.1
RL of road	1103.5	1103.7	1103.9	1104.1	1104.4	1104.6	1104.8	1105.0	1105.3	1105.5	1104.1	1102.7	1101.3	1099.9	1098.5	1097.1	1095.7	1097.2	1098.7	1100.2	1101.7	1103.2	1104.7	1106.2	1107.7	1109.2	1110.7	1112.2	1113.7	1115.2	1116.7	1118.2	1119.7	1121.2	1121.7
Height of cutting	4.2	5.5	3.6	4.2	3.4	4.0	3.6	5.3	6.4	0.0	5.2	3.4	2.5	2.1	0.0	2.2	3.4	3.5	4.2	4.2	3.5	4.5	4.2	0.0	3.2	0.0	3.4	2.3	3.4	0.0	4.4	3.5	4.2	6.0	6.4
Gradient	0.74%(+ve)										4.67% (-ve)							5%(+ve)																	

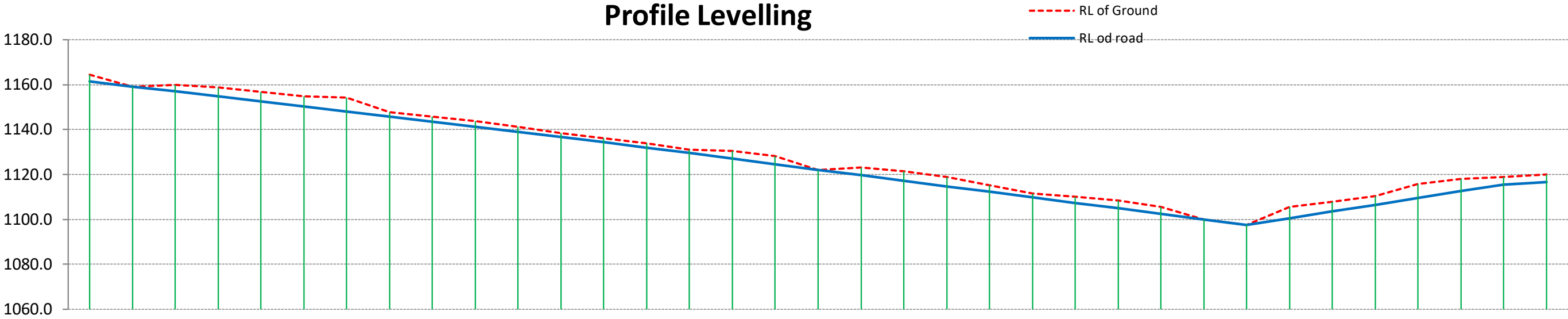
Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.



Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

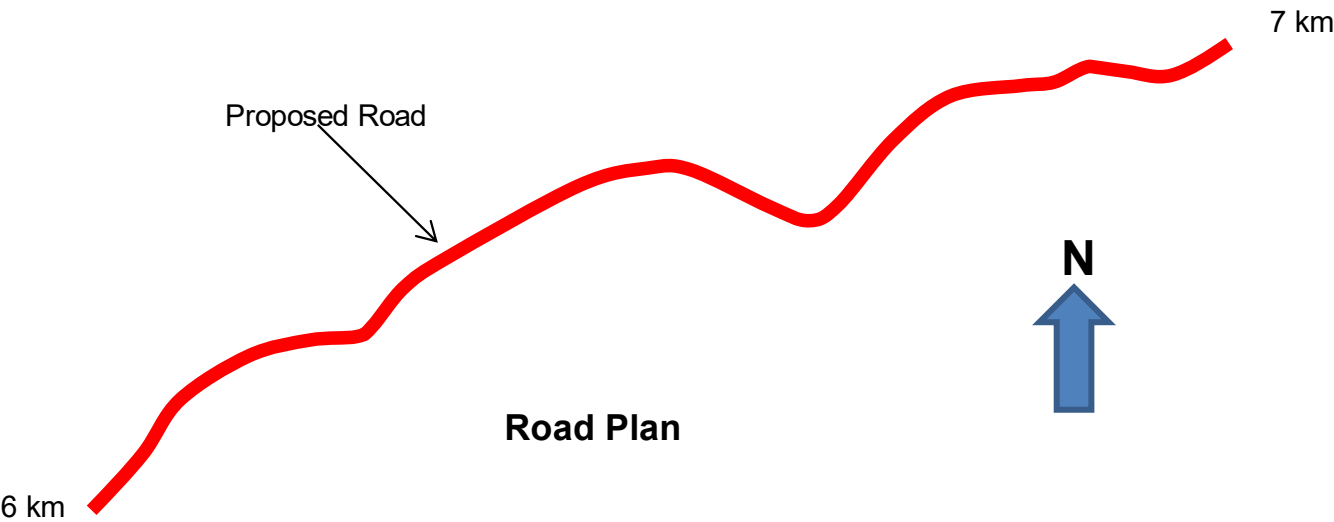


Profile Levelling

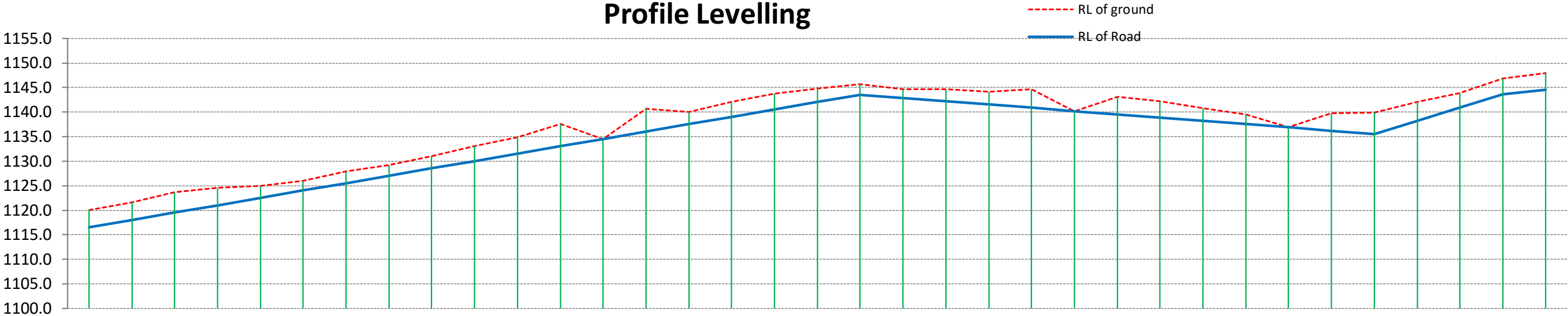


Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000
RL of ground	1164.4	1159.2	1159.9	1158.7	1156.8	1154.7	1154.3	1147.7	1145.8	1143.7	1141.1	1138.5	1136.2	1134.0	1130.9	1130.5	1128.2	1122.1	1123.2	1121.4	1118.8	1115.1	1111.4	1110.1	1108.3	1105.7	1100.0	1097.5	1105.7	1107.9	1110.5	1115.8	1118.0	1118.9	1120.0
RL of road	1161.4	1159.2	1156.9	1154.7	1152.4	1150.2	1147.9	1145.7	1143.4	1141.2	1138.9	1136.7	1134.4	1132.0	1129.5	1127.1	1124.6	1122.1	1119.7	1117.2	1114.8	1112.3	1109.8	1107.4	1104.9	1102.5	1100.0	1097.5	1100.5	1103.5	1106.5	1109.5	1112.5	1115.5	1116.5
Height of cutting	3.0	0.0	3.0	4.0	4.4	4.5	6.4	2.0	2.4	2.5	2.2	1.8	1.8	2.0	1.4	3.4	3.6	0.0	3.5	4.2	4.0	2.8	1.6	2.7	3.4	3.2	0.0	0.0	5.2	4.4	4.0	6.3	5.5	3.4	3.5
Gradient	7.5 %(-ve)													8.2 %(-ve)													10 %(+ve)								

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

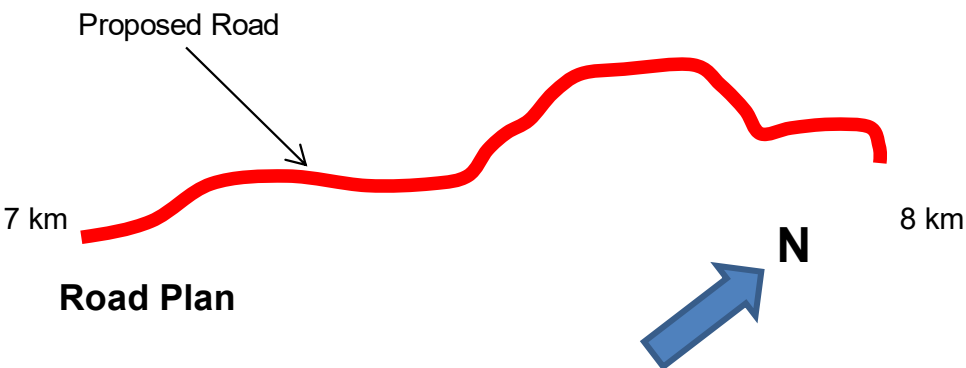


Profile Levelling

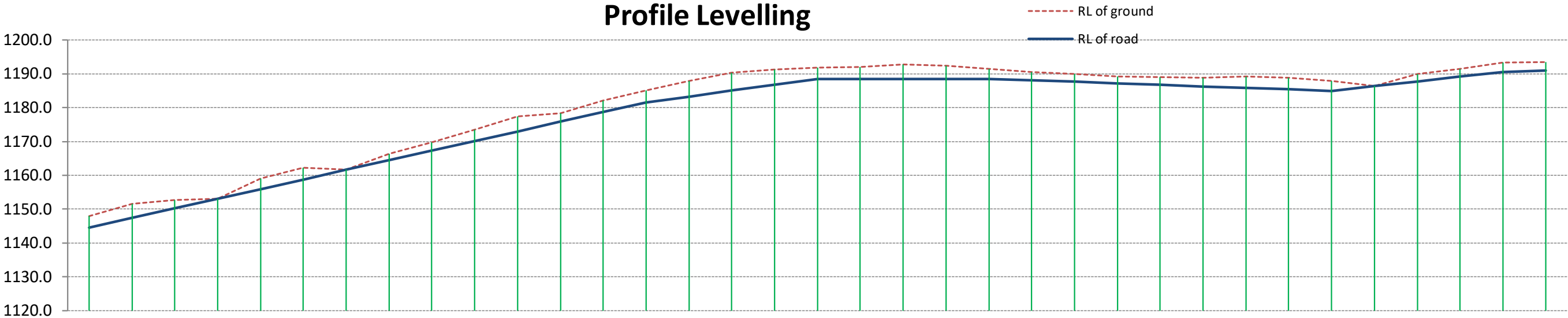


Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000	
RL of ground	1120.0	1121.6	1123.7	1124.5	1124.9	1126.0	1127.9	1129.2	1131.0	1133.0	1134.9	1137.5	1134.5	1140.6	1140.0	1142.0	1143.7	1144.8	1145.7	1144.7	1144.7	1144.7	1144.1	1144.7	1140.2	1143.1	1142.3	1140.8	1139.5	1136.9	1139.7	1139.9	1142.0	1143.9	1146.8	1147.9
RL of road	1116.5	1118.0	1119.5	1121.0	1122.5	1124.0	1125.5	1127.0	1128.5	1130.0	1131.5	1133.0	1134.5	1136.0	1137.5	1139.0	1140.5	1142.0	1143.5	1142.9	1142.2	1141.5	1140.9	1140.2	1139.5	1138.9	1138.2	1137.5	1136.9	1136.2	1135.5	1138.2	1140.9	1143.6	1144.5	
Height of cutting	3.5	3.6	4.2	3.5	2.4	2.0	2.4	2.2	2.5	3.0	3.4	4.5	0.0	4.6	2.5	3.0	3.2	2.8	2.2	1.8	2.5	2.6	3.8	0.0	3.6	3.4	2.6	2.0	0.0	3.5	4.4	3.8	3.0	3.2	3.4	
Gradient	5 %(+ve)																			2.22 % (-ve)												9%(+ve)				

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

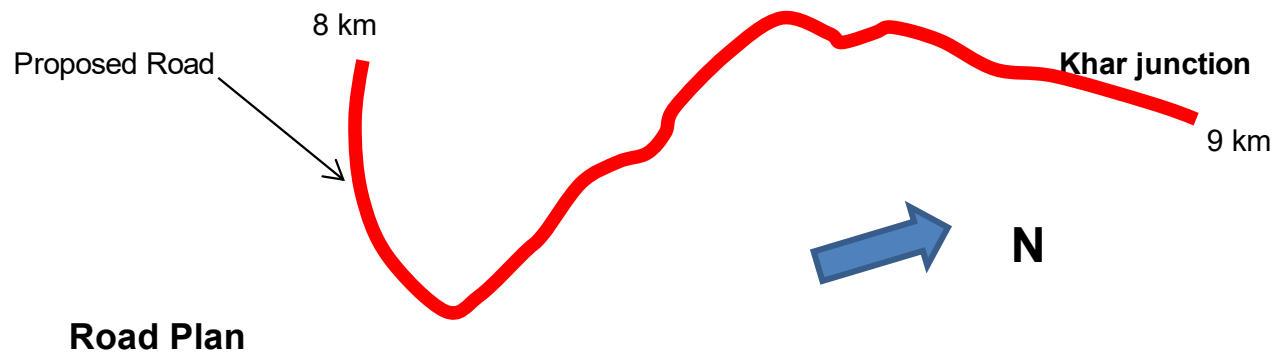


Profile Levelling

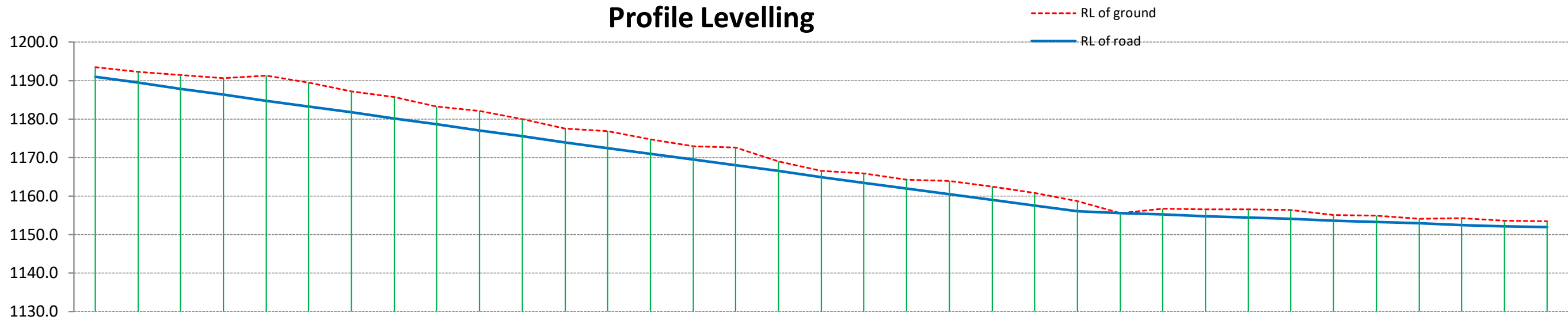


Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000
RL of ground	1147.9	1151.5	1152.6	1153.1	1159.1	1162.3	1161.6	1166.5	1169.7	1173.5	1177.5	1178.3	1182.1	1185.0	1187.9	1190.4	1191.3	1191.9	1192.1	1192.7	1192.3	1191.5	1190.6	1190.0	1189.2	1188.9	1188.8	1189.2	1188.9	1188.0	1186.3	1189.9	1191.5	1193.3	1193.5
RL of road	1144.5	1147.4	1150.2	1153.1	1155.9	1158.8	1161.6	1164.5	1167.3	1170.1	1173.0	1175.8	1178.7	1181.5	1183.3	1185.0	1186.8	1188.5	1188.5	1188.5	1188.5	1188.5	1188.1	1187.6	1187.2	1186.7	1186.3	1185.8	1185.4	1185.0	1186.3	1187.7	1189.1	1190.5	1191.0
Height of cutting	3.4	4.1	2.4	0.0	3.2	3.5	0.0	2.0	2.4	3.4	4.5	2.5	3.4	3.5	4.6	5.4	4.5	3.4	3.6	4.2	3.8	3.0	2.5	2.4	2.0	2.2	2.5	3.4	3.5	3.0	0.0	2.2	2.4	2.8	2.5
Gradient	9.48 %(+ve)												5.83 %(+ve)				0%				1.48 % (-ve)							4.62%(+ve)							

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

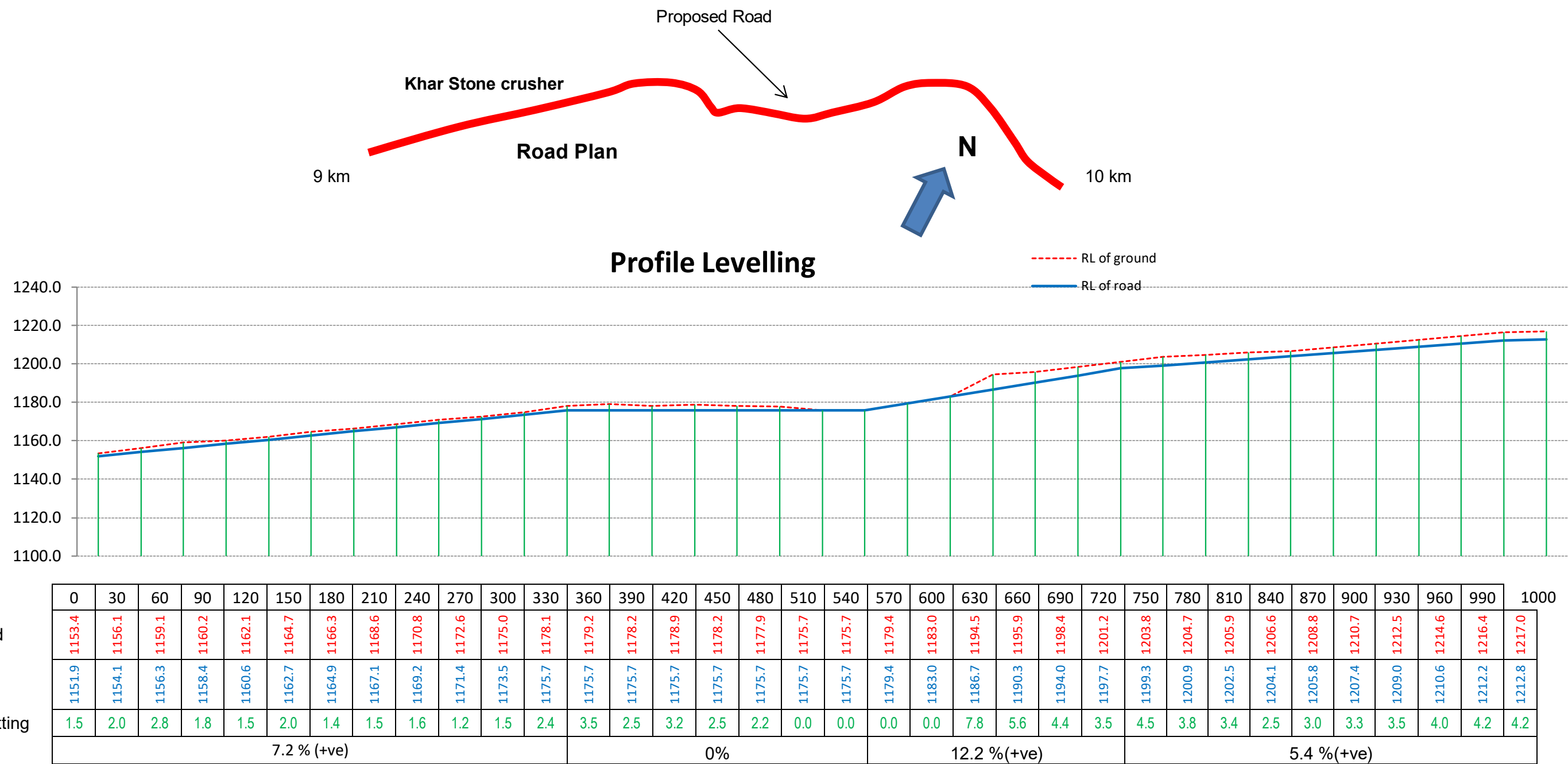


Profile Levelling

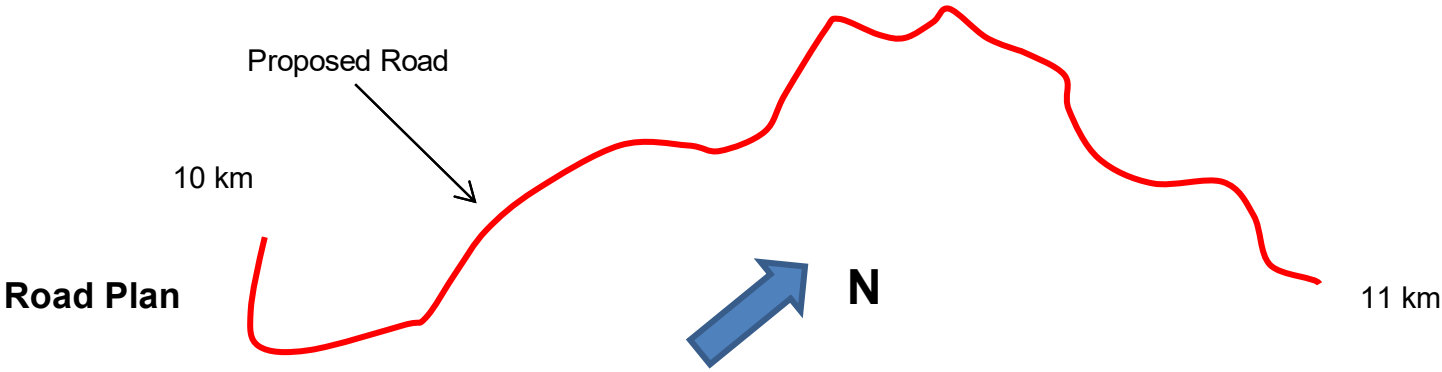


Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000
RL of ground	1193.5	1192.2	1191.4	1190.5	1191.3	1189.4	1187.1	1185.7	1183.2	1182.1	1180.0	1177.6	1176.9	1174.8	1173.0	1172.6	1169.0	1166.5	1165.9	1164.2	1164.0	1162.4	1160.9	1158.7	1155.6	1156.7	1156.6	1156.6	1156.4	1155.1	1154.8	1154.1	1154.3	1153.6	1153.4
RL of road	1191.0	1189.4	1187.9	1186.3	1184.8	1183.2	1181.7	1180.2	1178.6	1177.1	1175.5	1174.0	1172.5	1171.0	1169.5	1168.0	1166.5	1165.0	1163.5	1162.0	1160.5	1159.0	1157.5	1156.0	1155.6	1155.2	1154.8	1154.4	1154.0	1153.6	1153.2	1152.9	1152.5	1152.1	1151.9
Height of cutting	2.5	2.8	3.5	4.2	6.5	6.2	5.4	5.5	4.6	5.0	4.5	3.6	4.4	3.8	3.5	4.6	2.5	1.5	2.4	2.2	3.5	3.4	3.4	2.7	0.0	1.5	1.8	2.2	2.4	1.5	1.6	1.2	1.8	1.5	1.5
Gradient	5.14 % (-ve)												5 %(-ve)										1.3 %(-ve)												

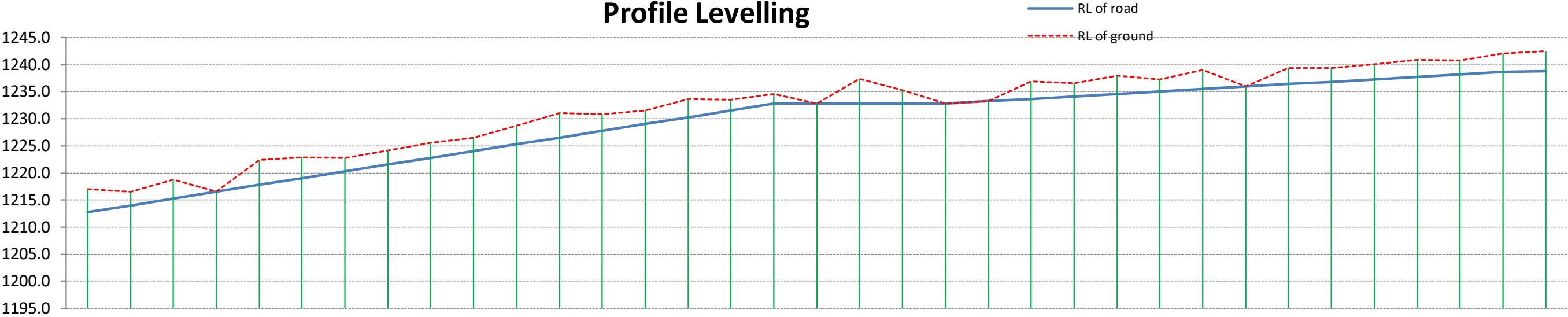
Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.



Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.



Profile Levelling



Chainage	0	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1000
RL of ground	1217.0	1216.5	1218.8	1216.5	1222.4	1222.8	1222.8	1224.1	1225.6	1226.5	1228.7	1231.0	1230.8	1231.5	1233.7	1233.5	1234.6	1232.8	1237.4	1235.3	1232.8	1233.2	1236.9	1236.5	1238.0	1237.2	1239.0	1235.9	1239.4	1239.3	1240.1	1240.9	1240.8	1242.0	1242.5
RL of road	1212.8	1214.0	1215.3	1216.5	1217.8	1219.0	1220.3	1221.5	1222.8	1224.0	1225.3	1226.5	1227.8	1229.0	1230.3	1231.5	1232.8	1232.8	1232.8	1232.8	1232.8	1233.2	1233.7	1234.1	1234.6	1235.0	1235.5	1235.9	1236.4	1236.8	1237.3	1237.7	1238.2	1238.6	1238.8
Height of cutting	4.2	2.5	3.5	0.0	4.6	3.8	2.5	2.6	2.8	2.5	3.4	4.5	3.0	2.5	3.4	2.0	1.8	0.0	4.6	2.5	0.0	0.0	3.2	2.4	3.4	2.2	3.5	0.0	3.0	2.5	2.8	3.2	2.6	3.4	3.7
Gradient	4.17 % (+ve)																	0%			1.5 % (+ve)														

Junior Engineer, PWD(R&B),
Mangkolemba Division

Sub-Divisional Officer, PWD(R&B),
Mangkolemba Division

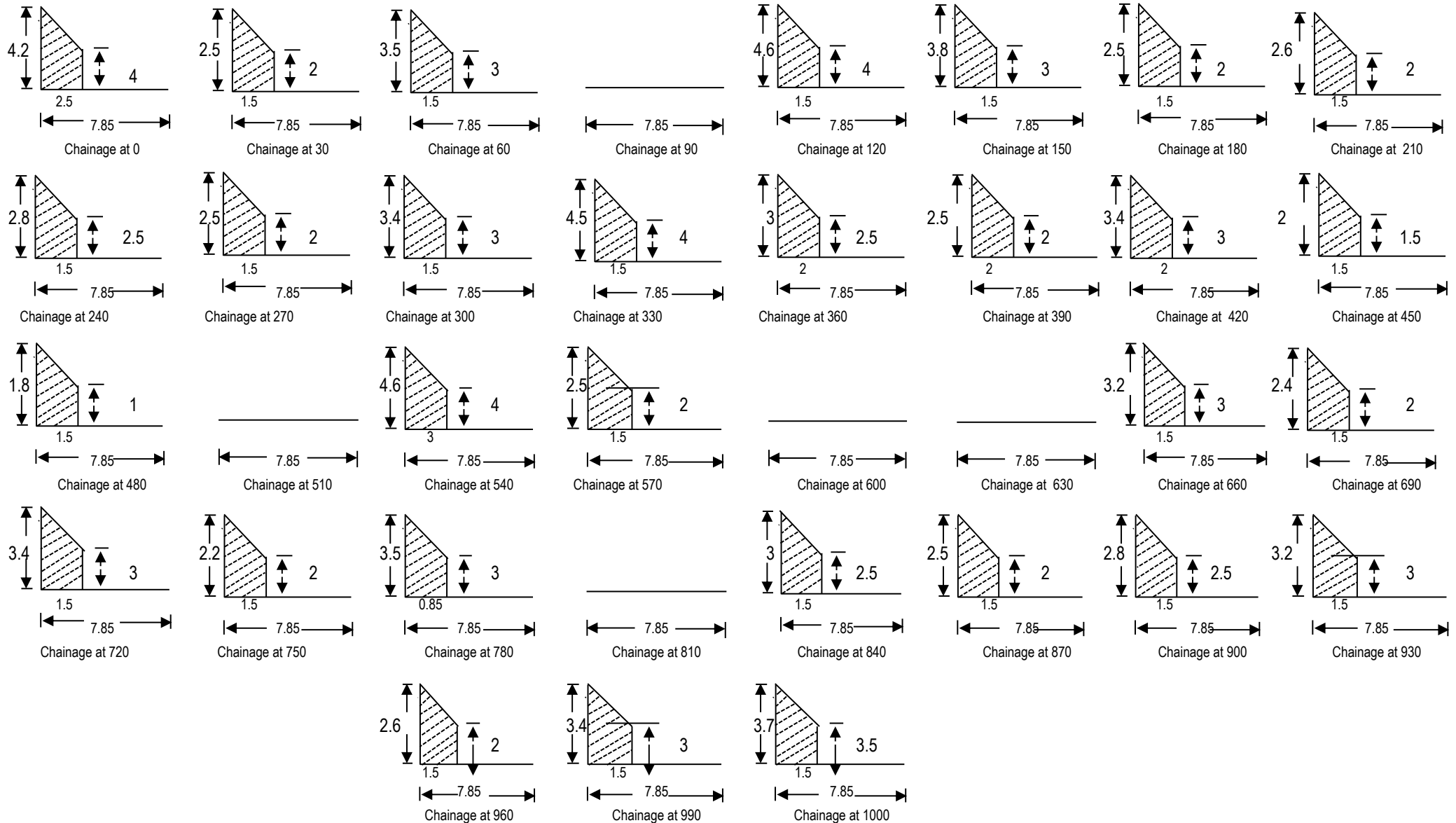
Executive Engineer, PWD(R&B),
Mangkolemba Division

CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

11th Km

Drawing is not to Scale

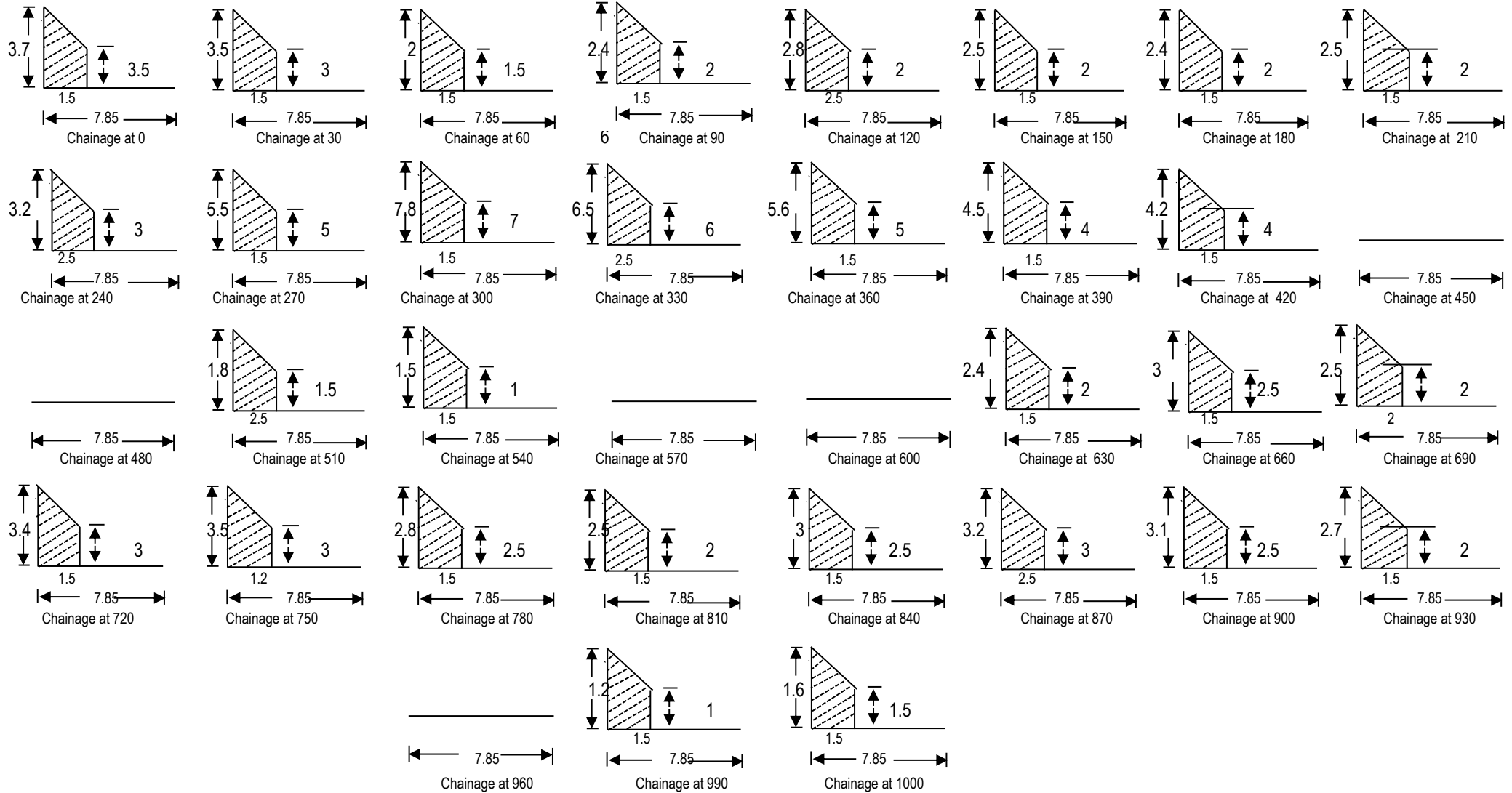


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

12th Km

Drawing is not to Scale

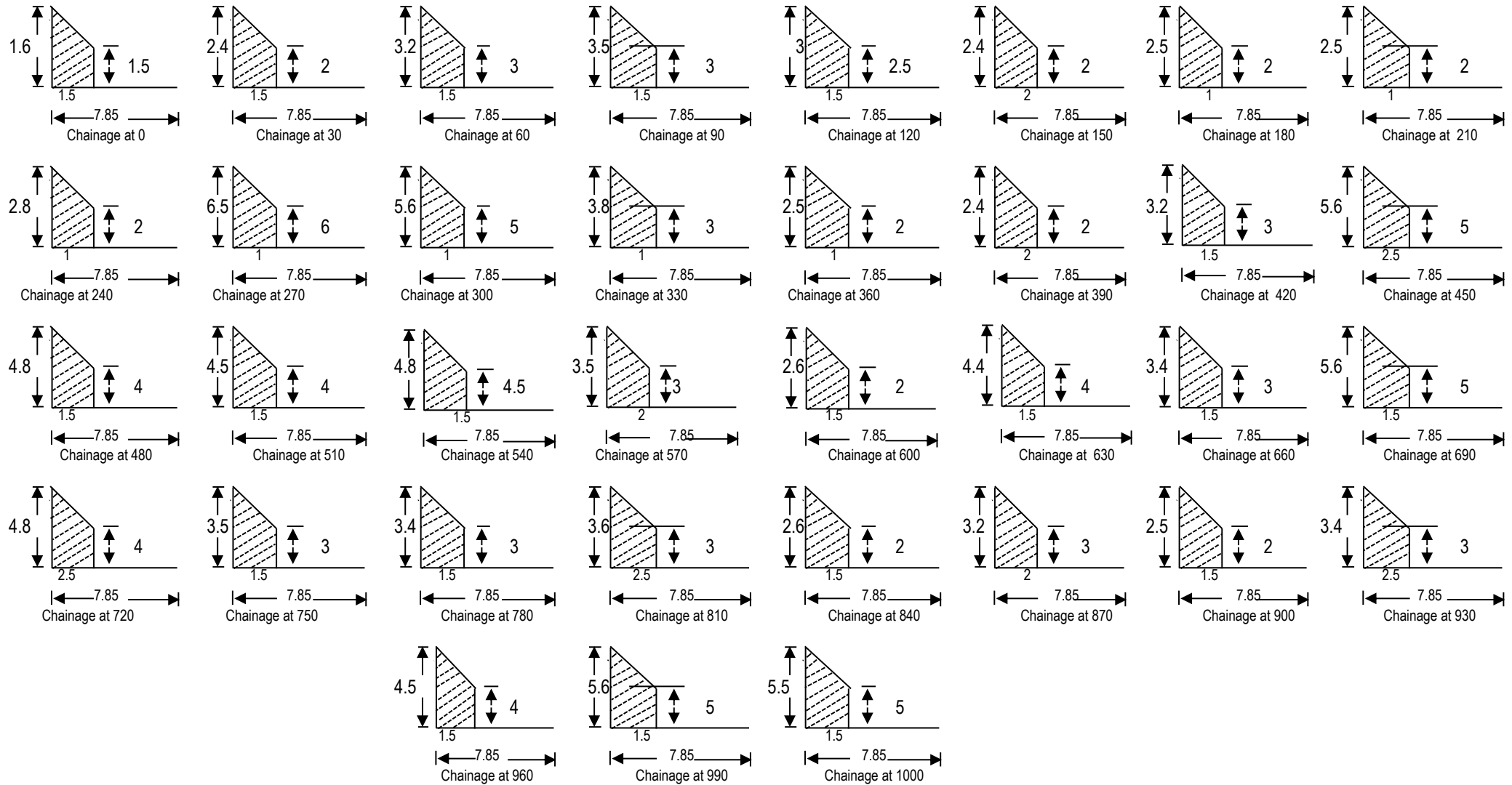


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

13th Km

Drawing is not to Scale

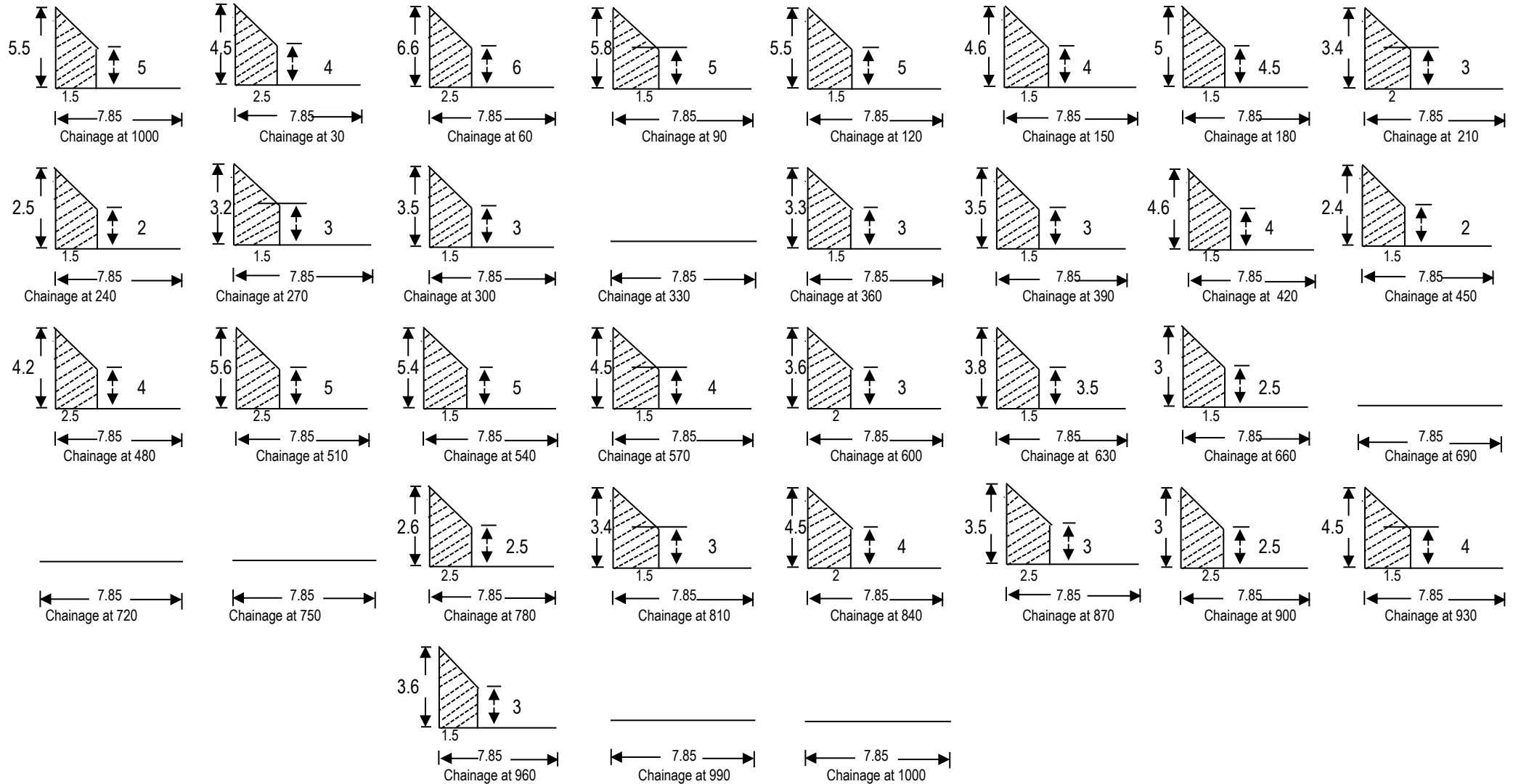


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

14 th Km

Drawing is not to Scale

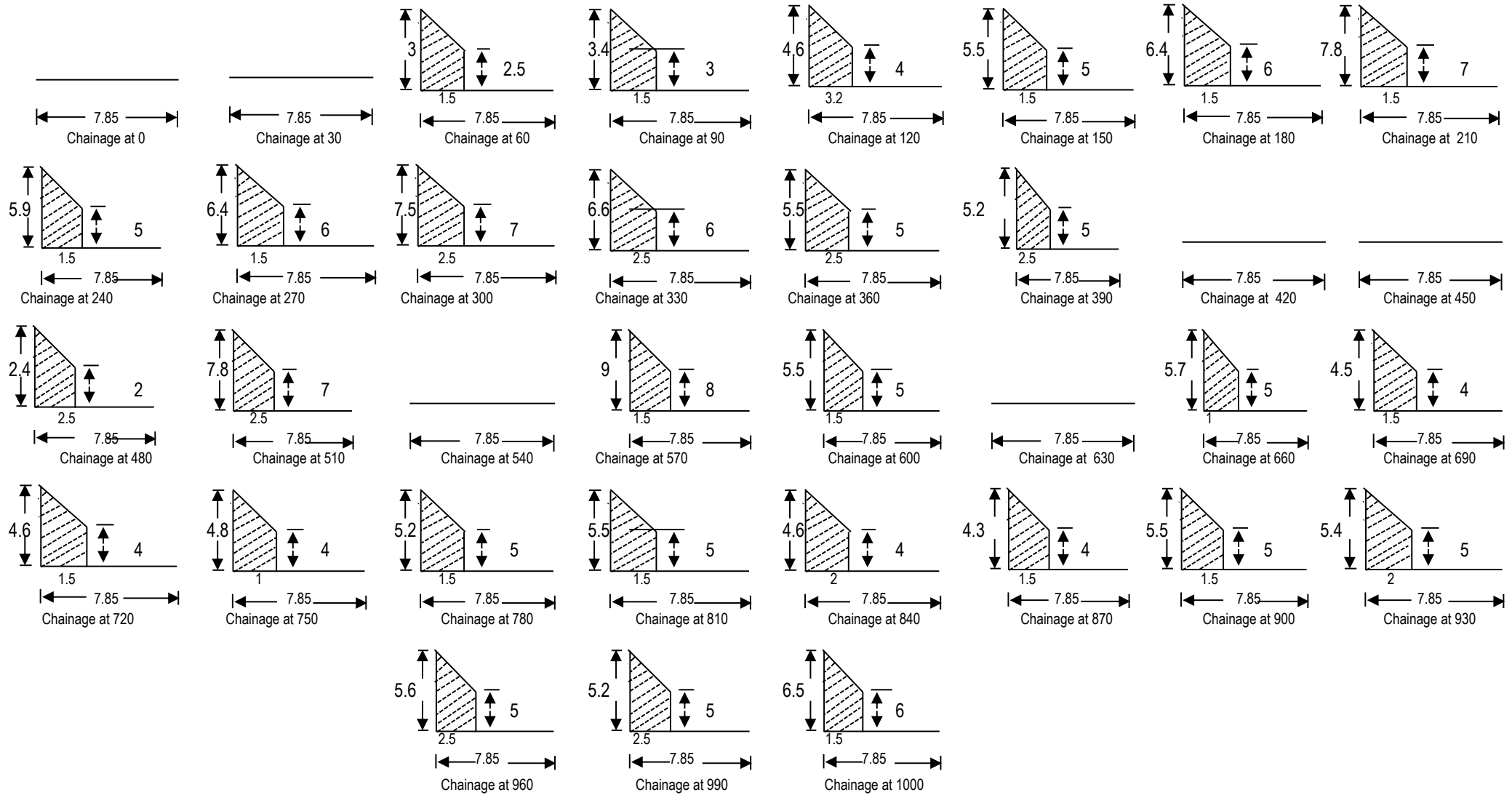


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

15 th Km

Drawing is not to Scale

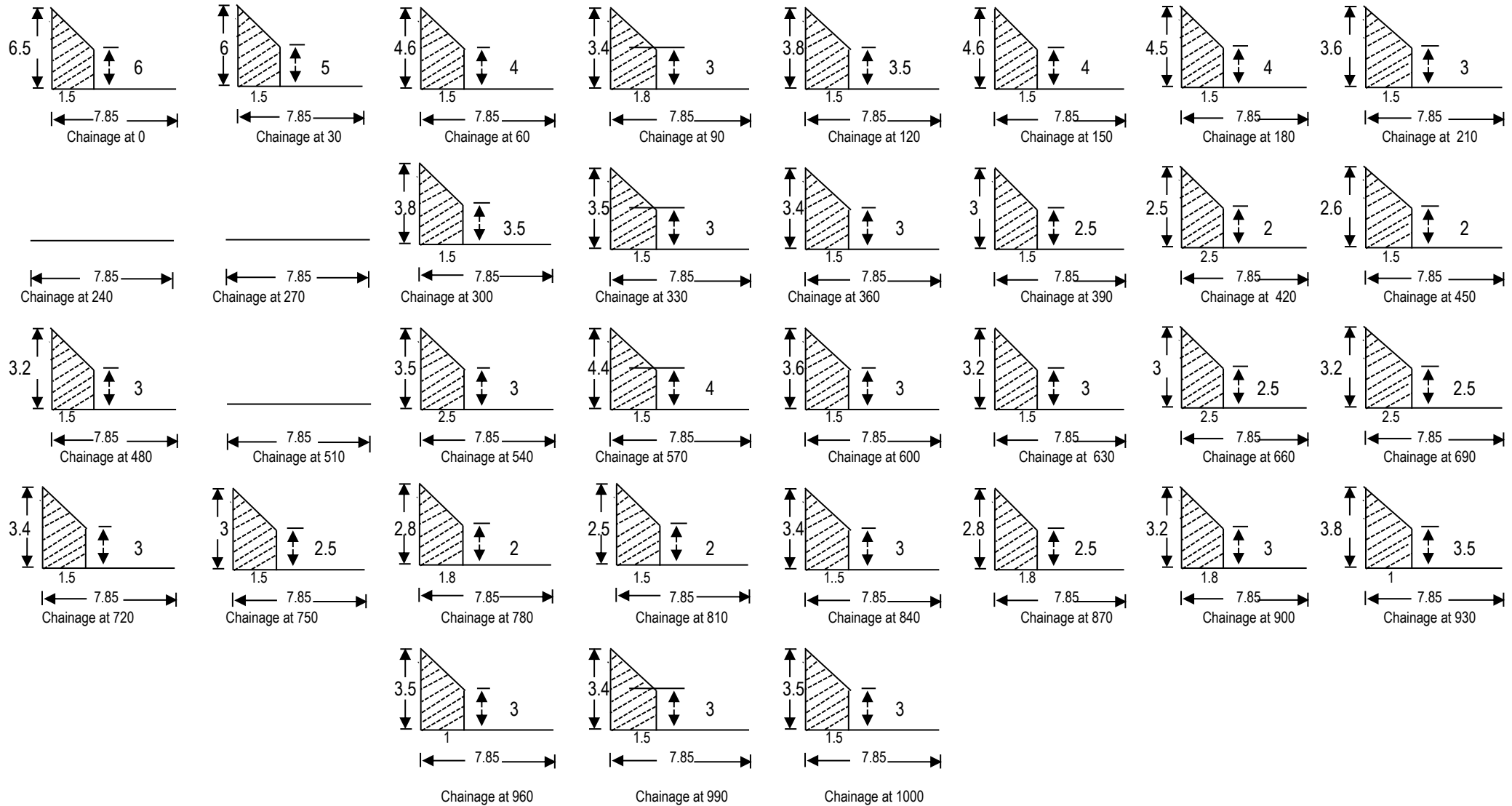


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

16 th Km

Drawing is not to Scale

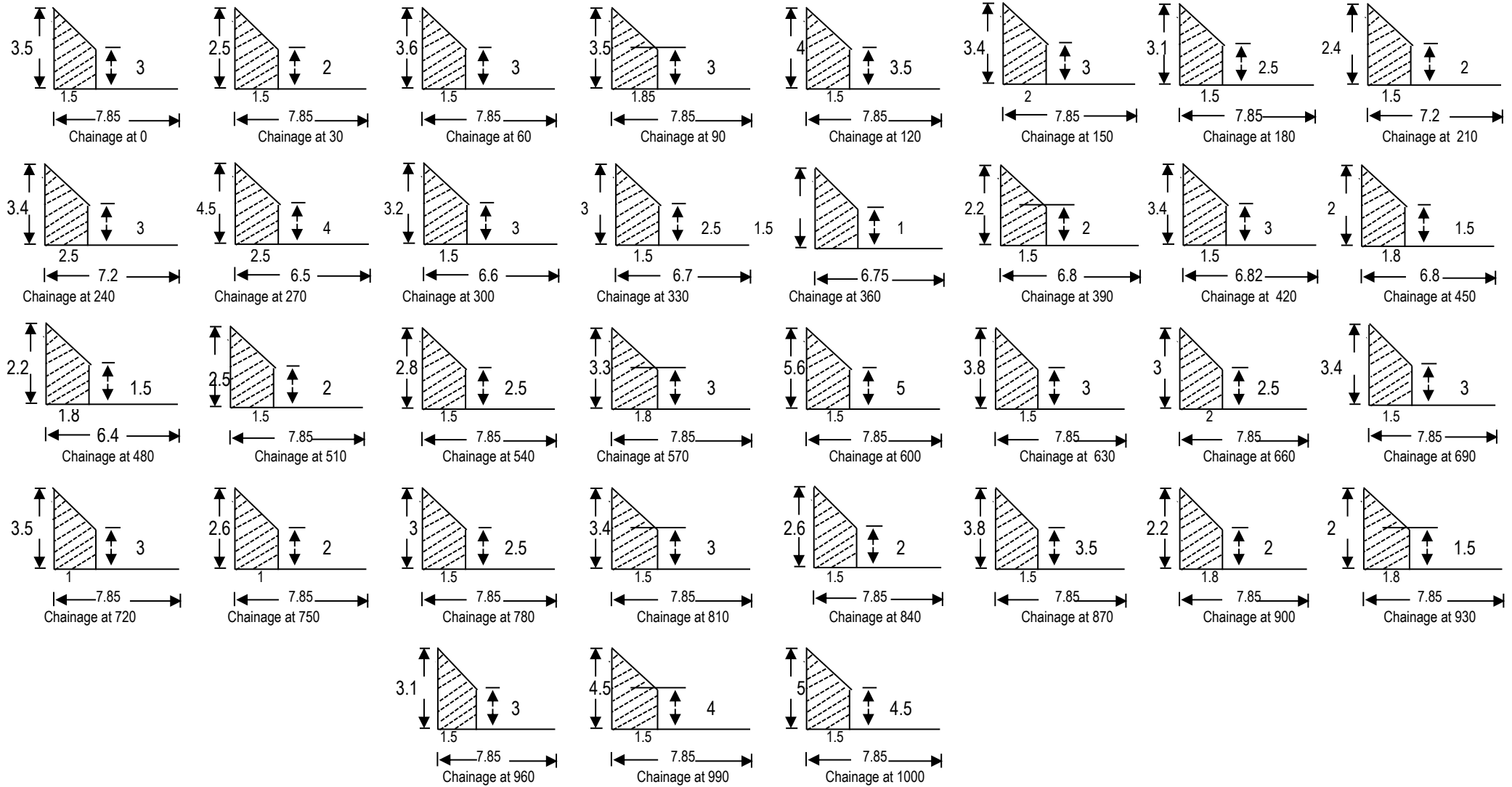


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

17 th Km

Drawing is not to Scale

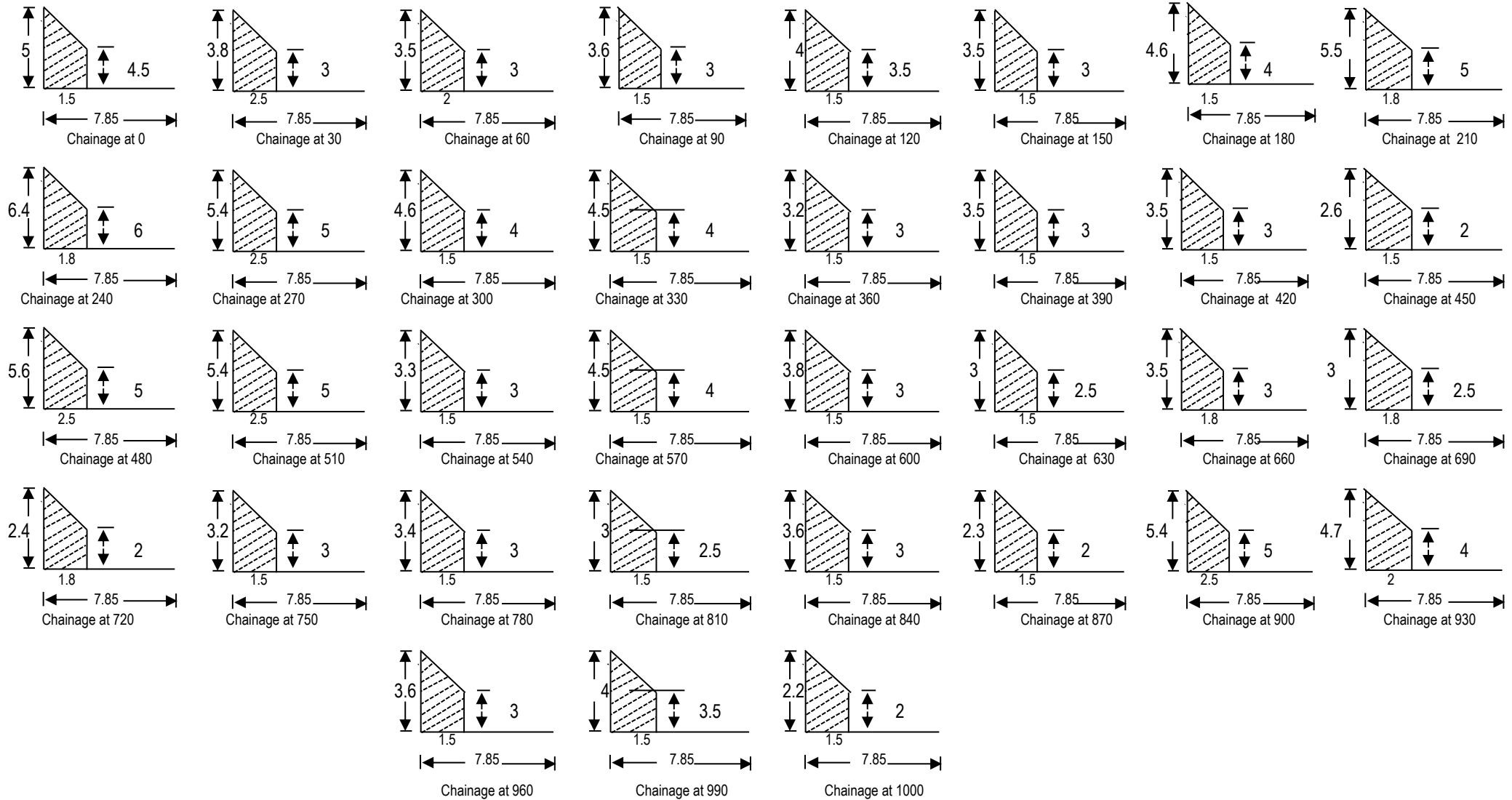


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

18 th Km

Drawing is not to Scale

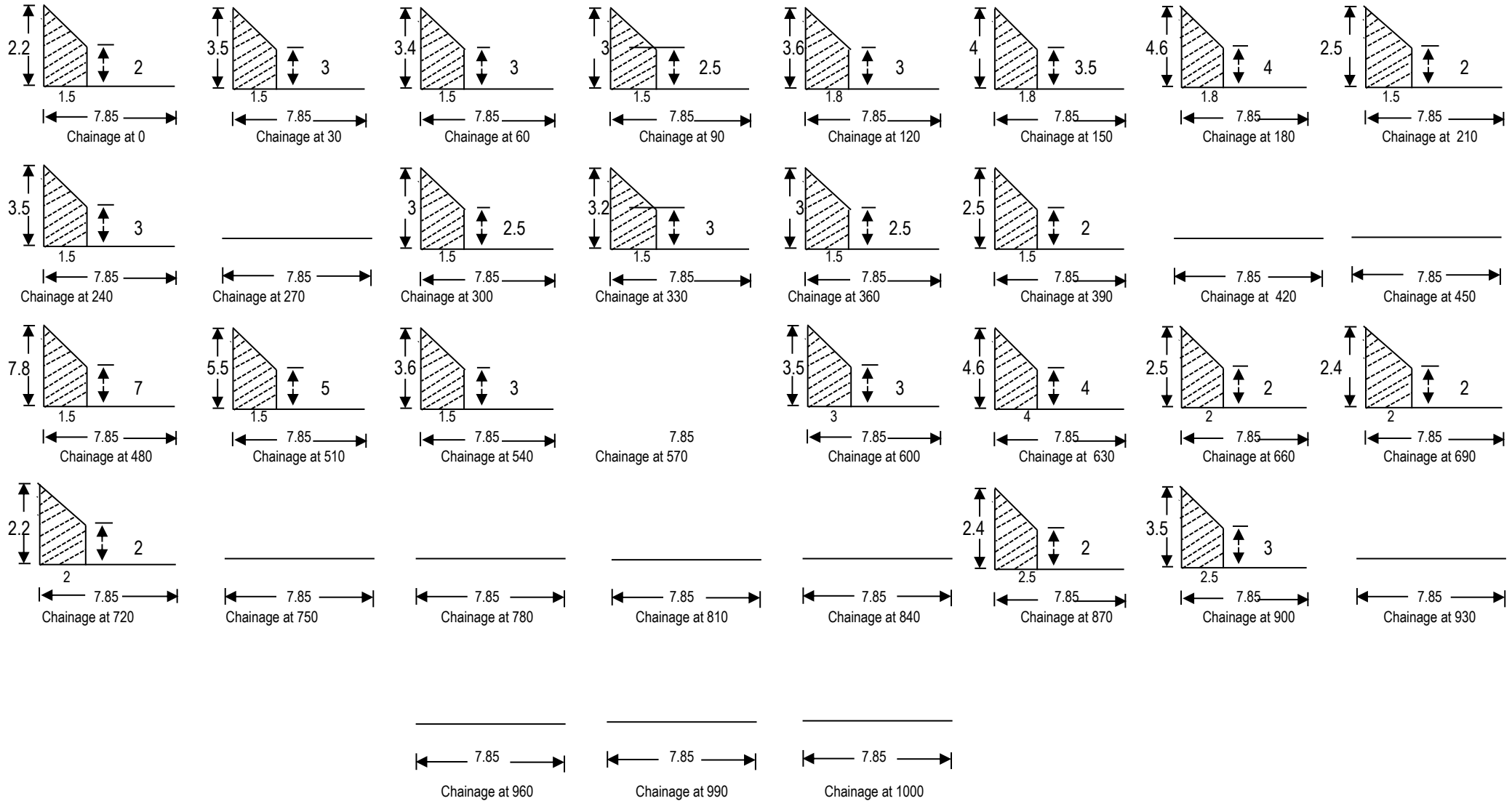


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

19 th Km

Drawing is not to Scale

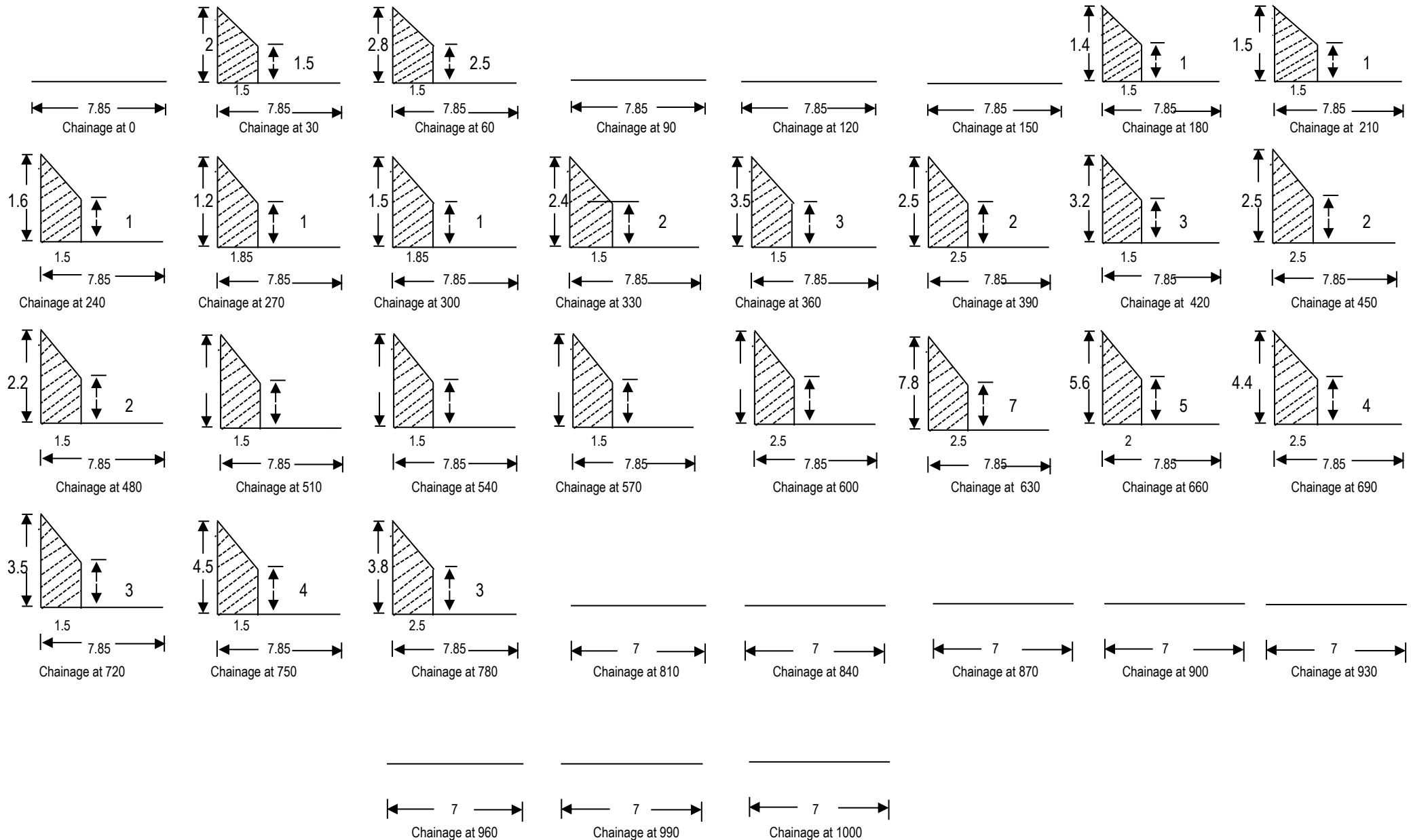


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

20 th Km

Drawing is not to Scale

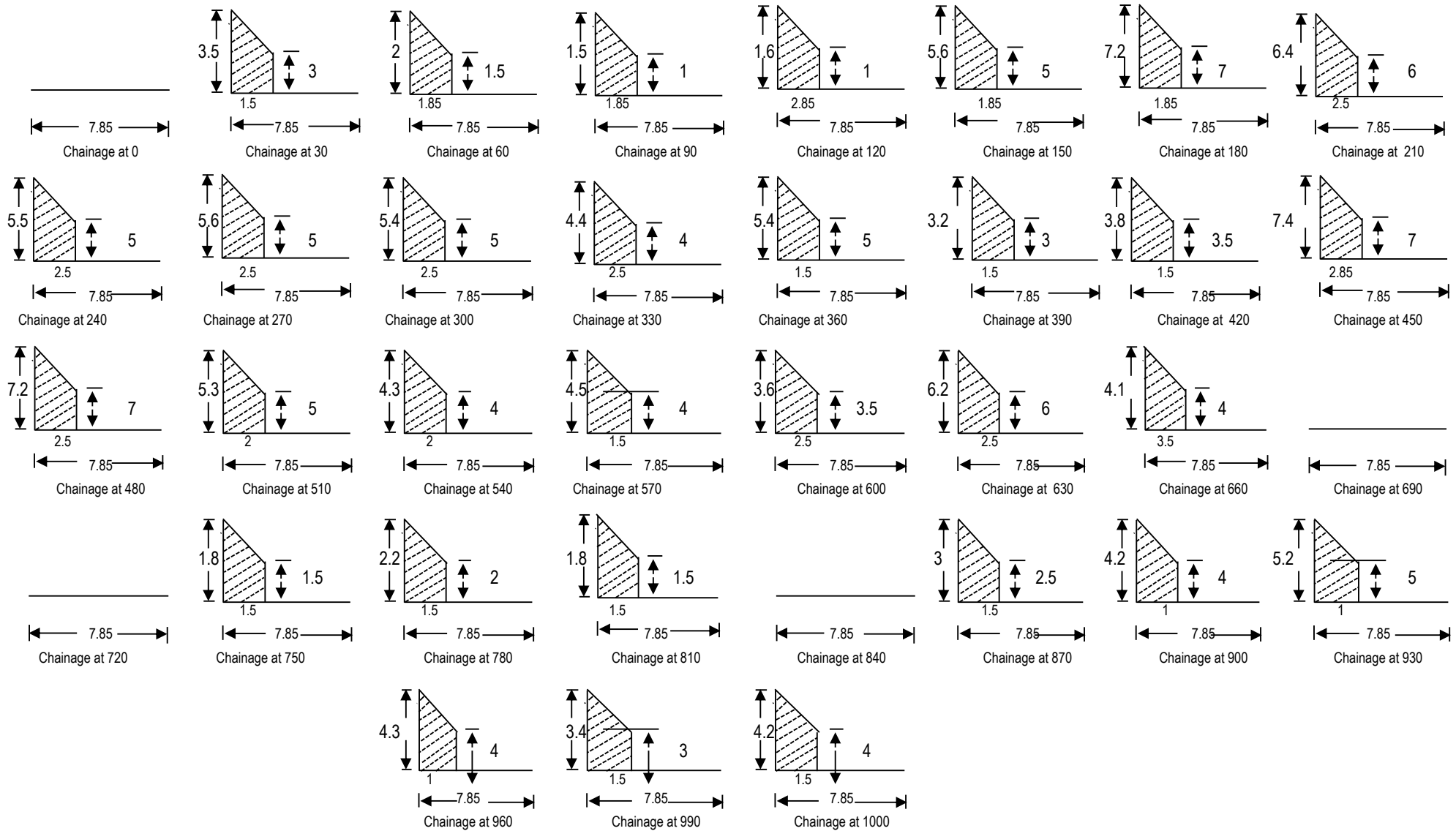


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

1st Km

Drawing is not to Scale

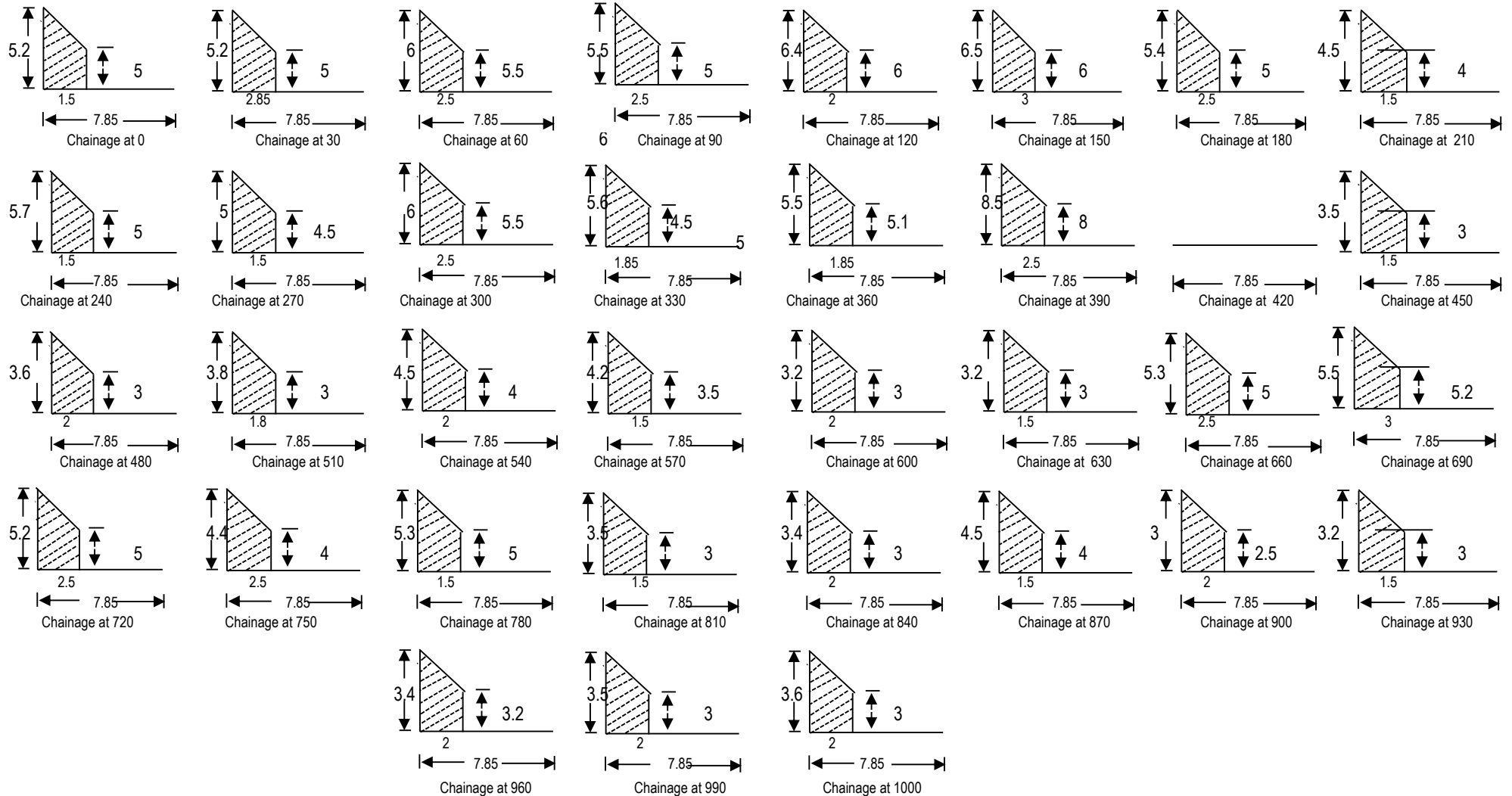


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

2nd Km

Drawing is not to Scale

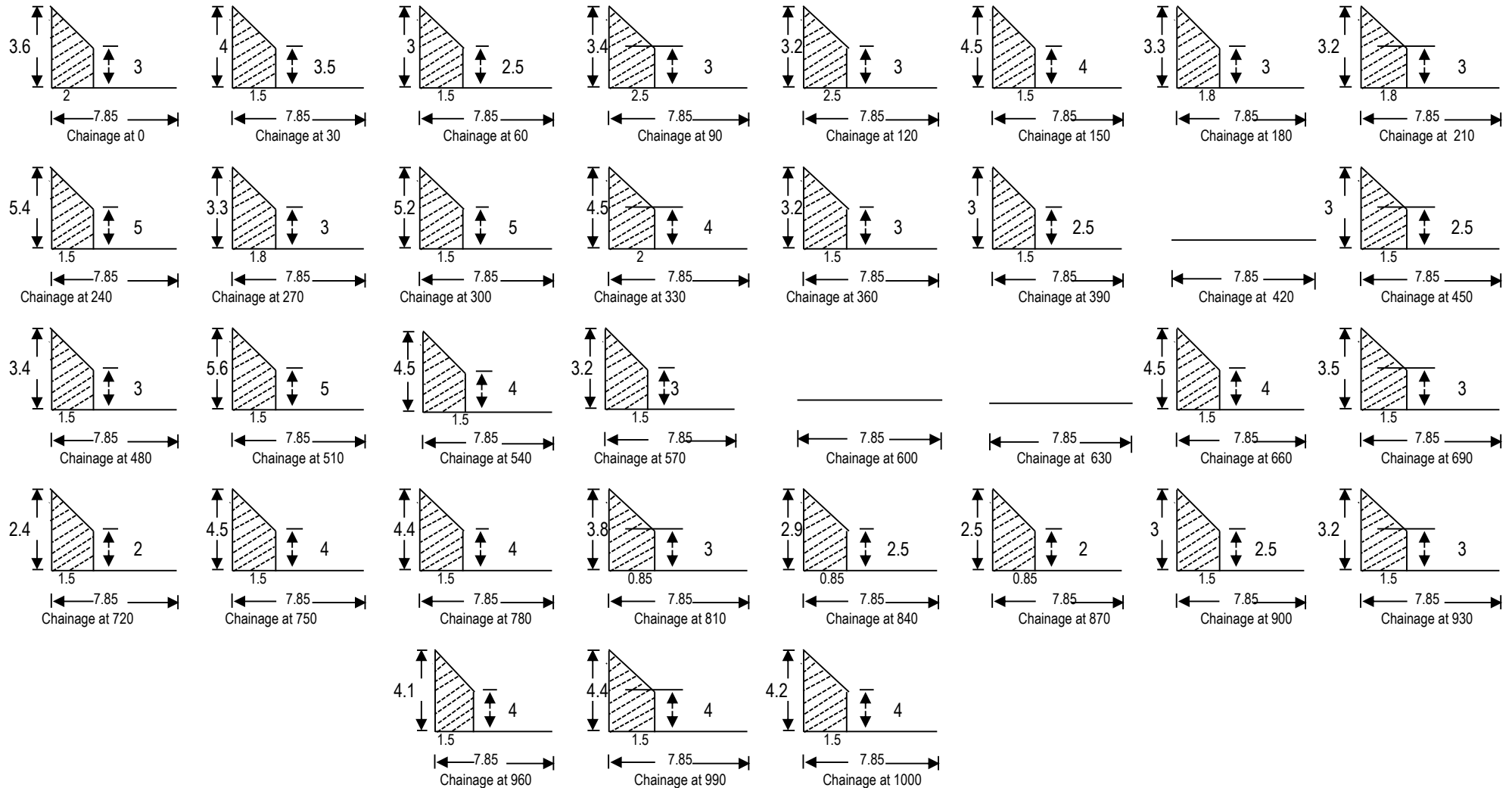


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

3rd Km

Drawing is not to Scale

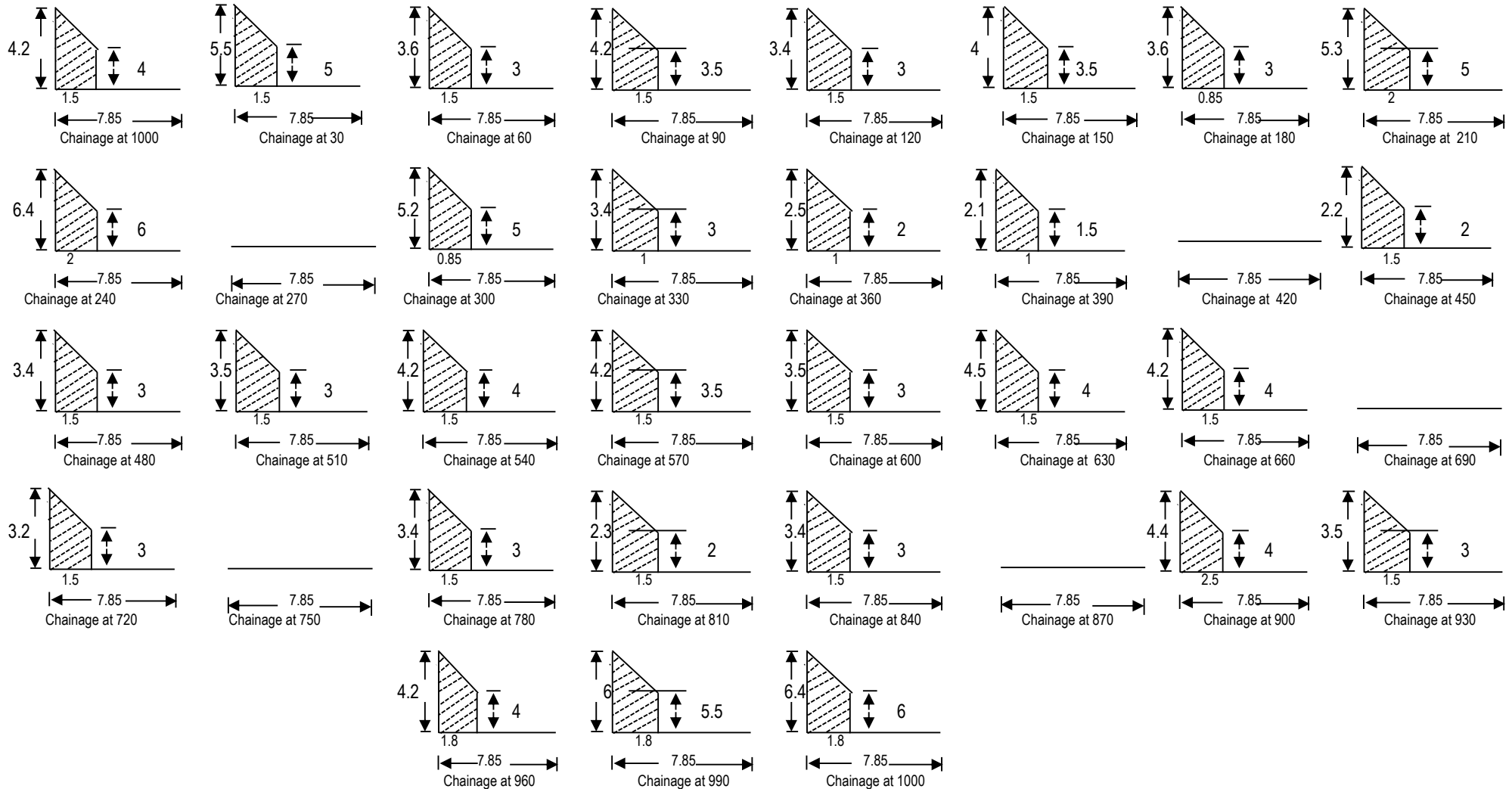


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

4 th Km

Drawing is not to Scale

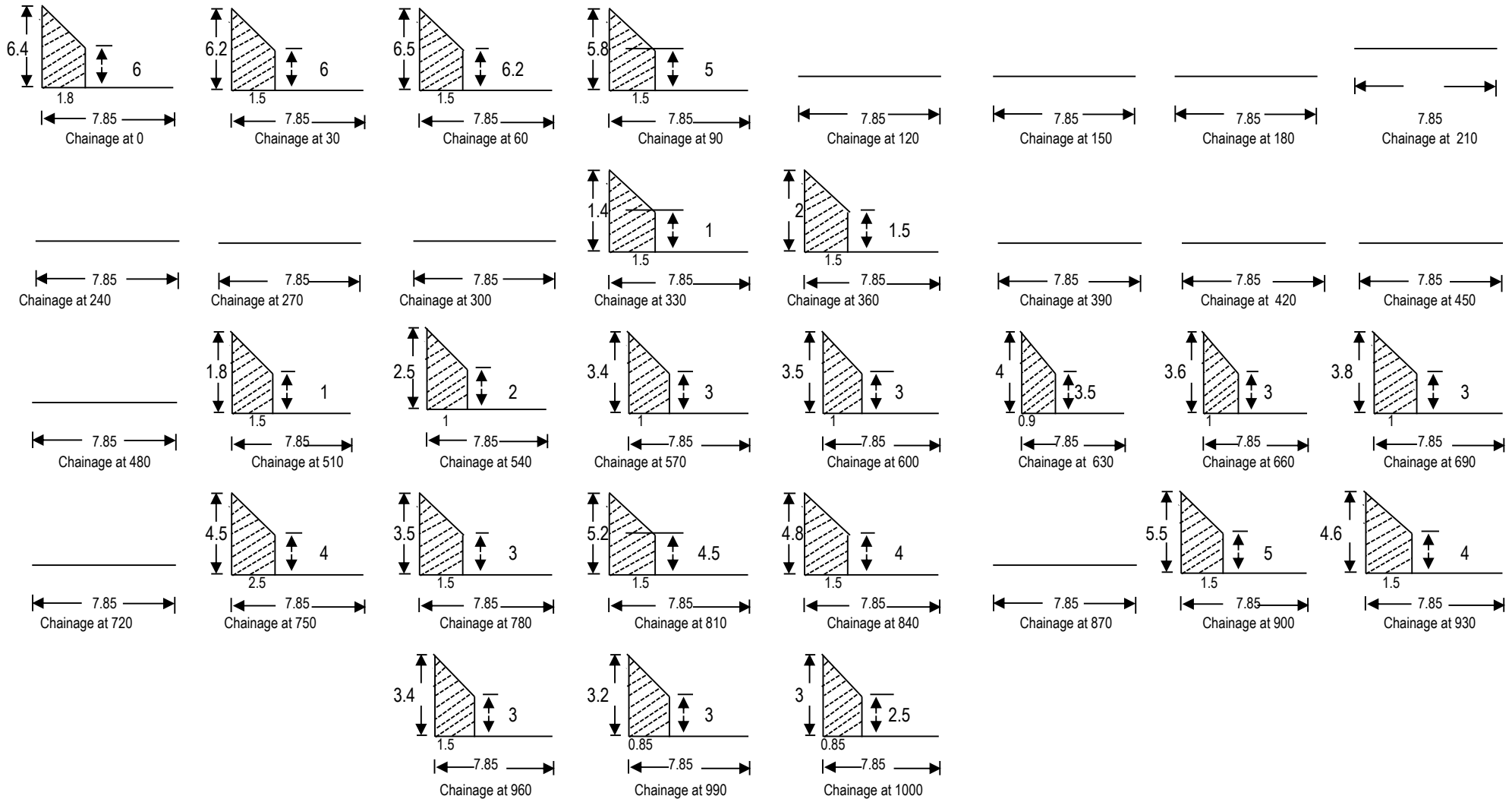


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

5 th Km

Drawing is not to Scale

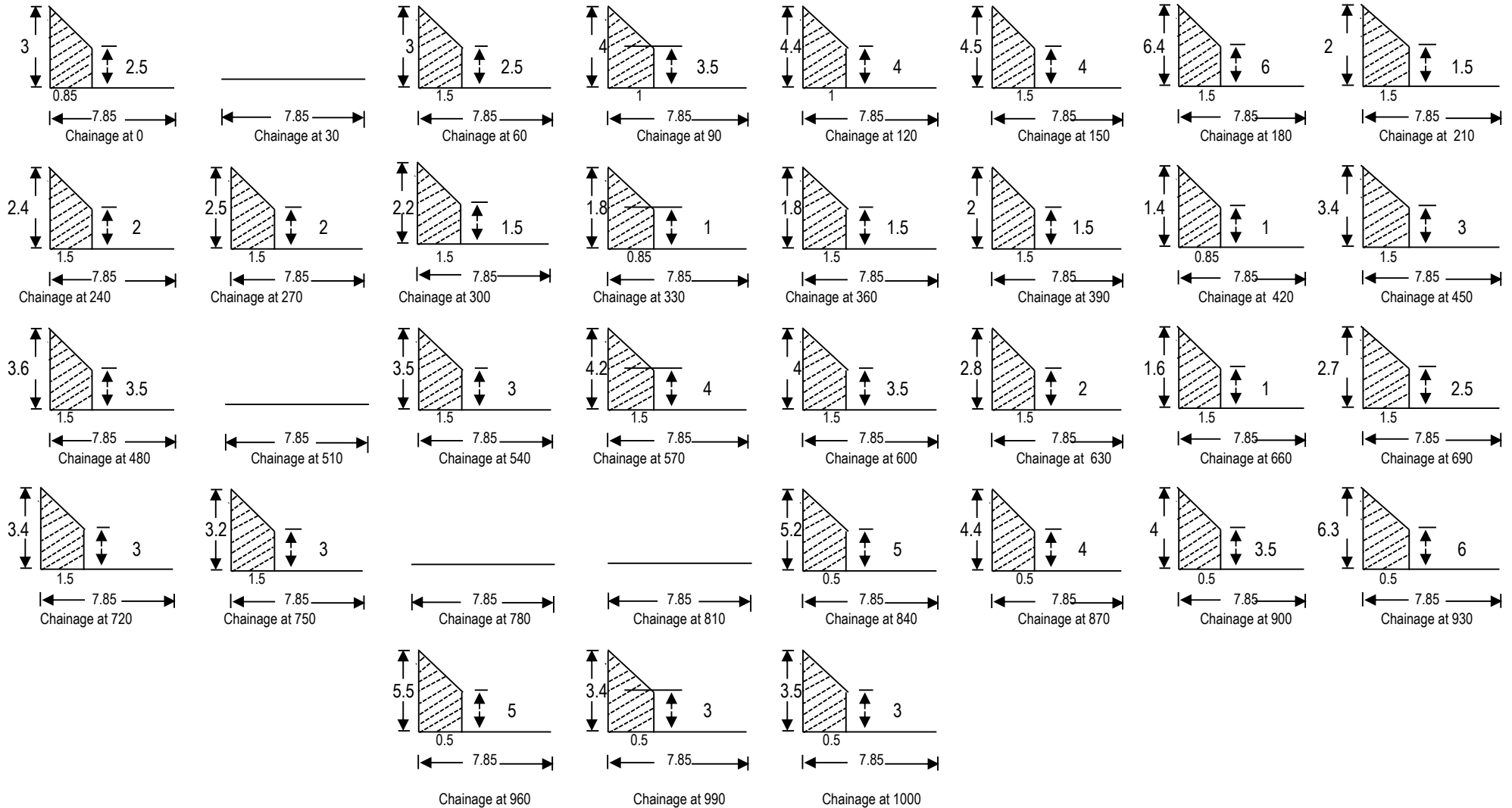


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

6 th Km

Drawing is not to Scale

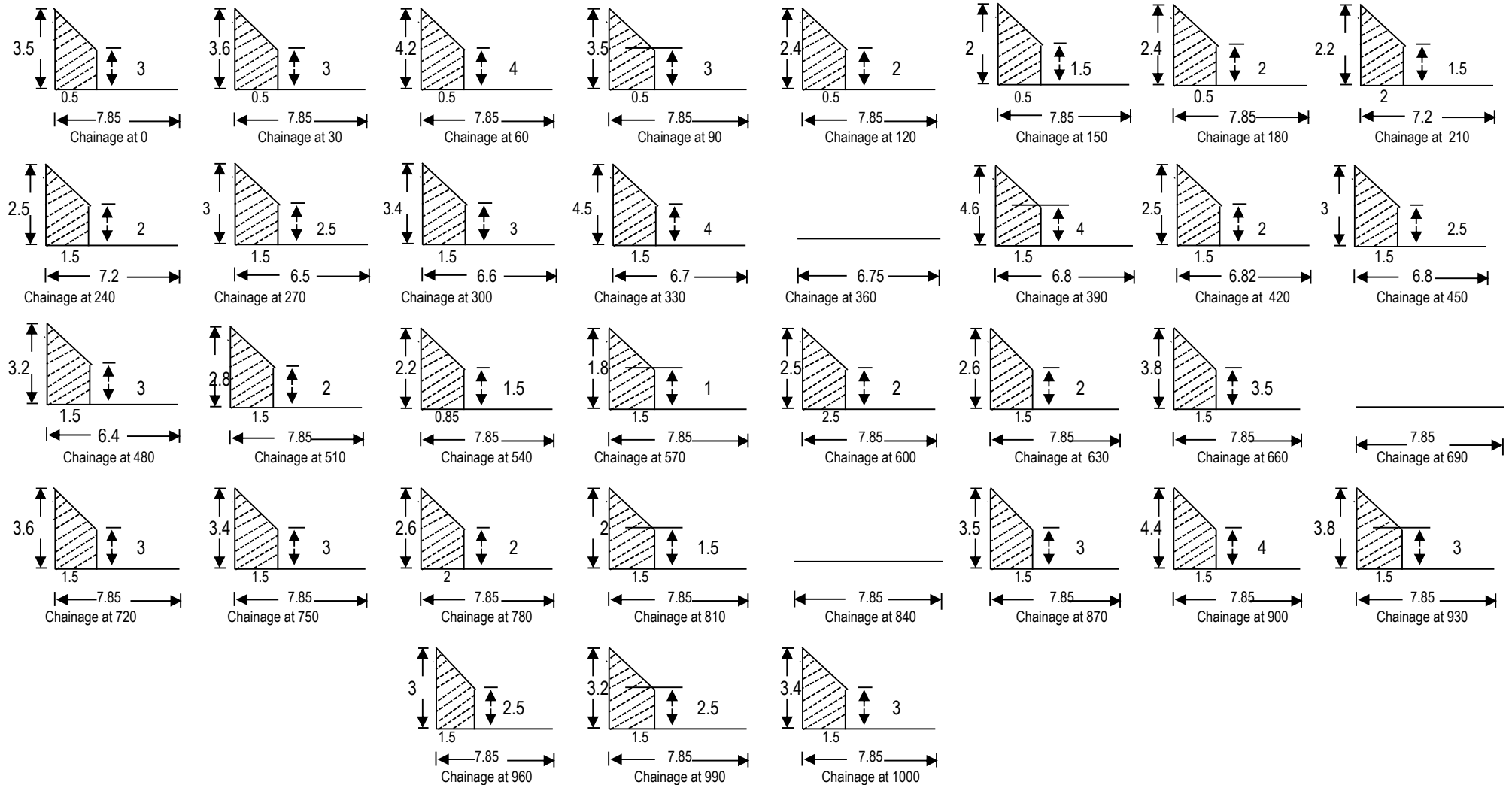


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

7 th Km

Drawing is not to Scale

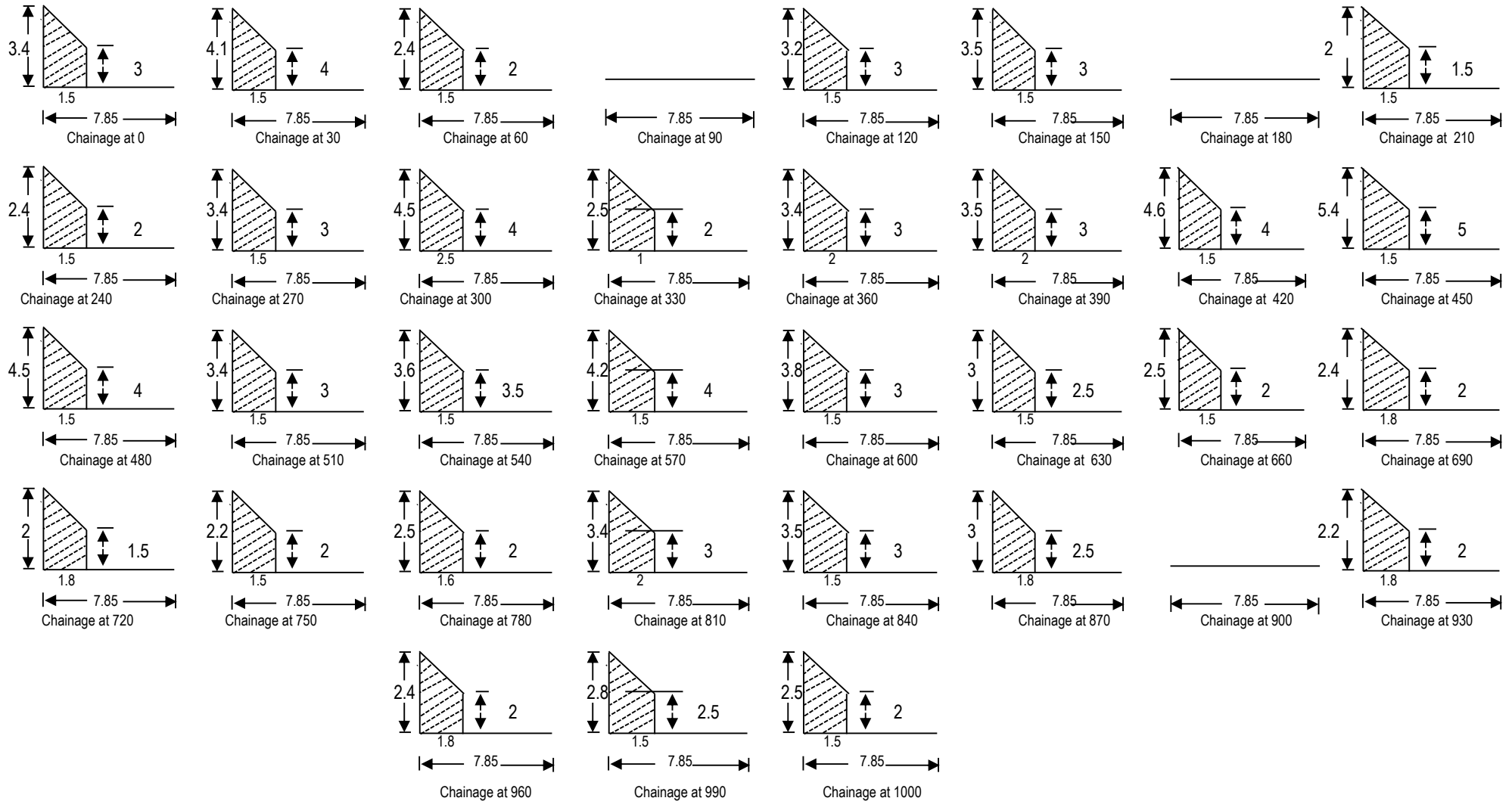


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

8 th Km

Drawing is not to Scale

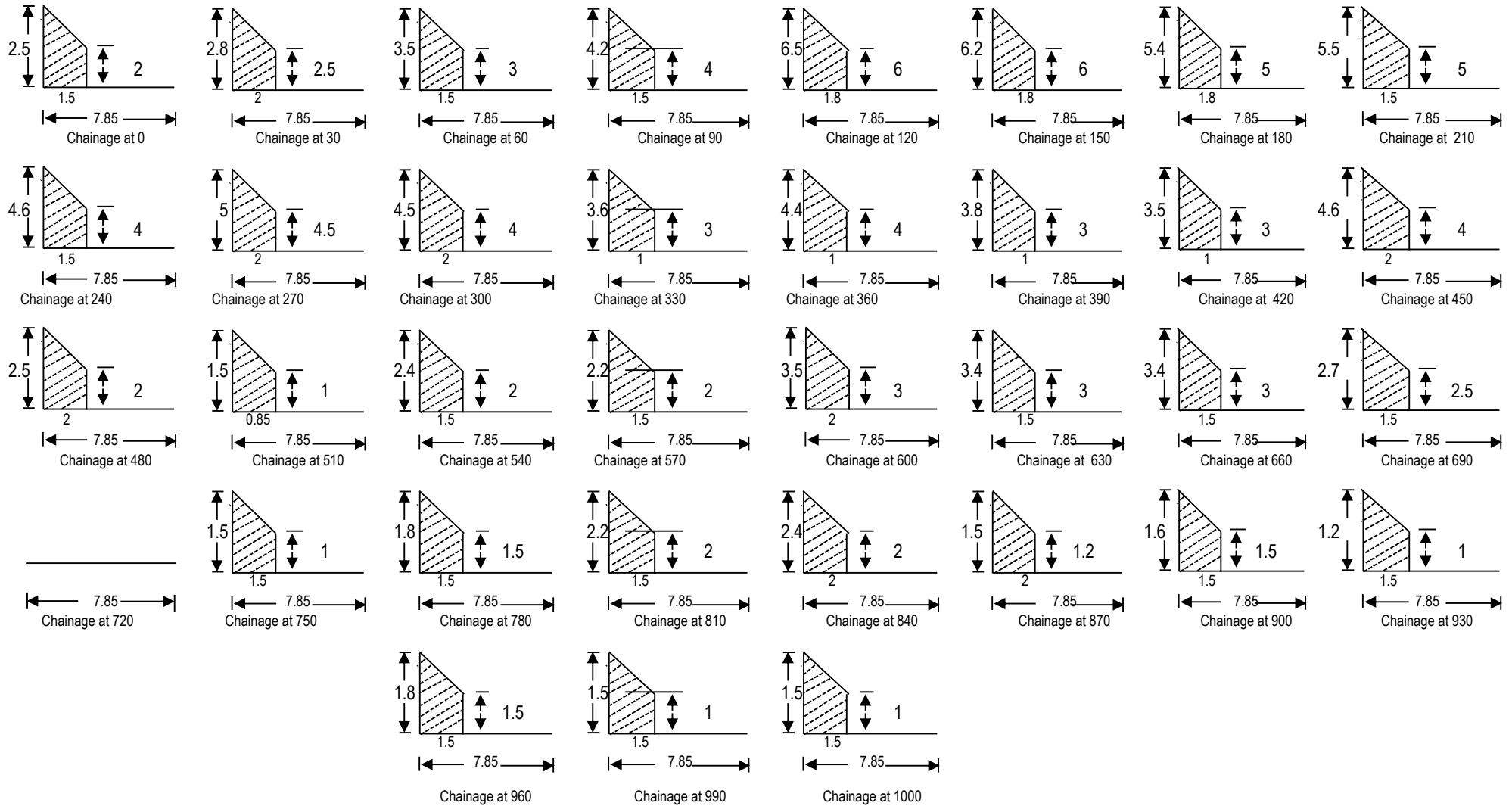


CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

9 th Km

Drawing is not to Scale



CROSS - SECTION (for widening)

Name of Work: Upgradation of road from Changki X Junction to Tuli (Phase-I, Changki X junction to Mongchen (Dibuia)), Length = 20.000 km, under CRIF.

10 th Km

Drawing is not to Scale

