

Consultancy Services for Carrying out Feasibility Study, Preparation of Detailed Project Report and providing pre-construction services in respect of 2 laning with paved shoulder of **Imphal-Jiribam section of NH-37 (NH-53)** (length- 220 Km) in the State of Manipur (PKG NO. NHIDCL/DPR/CT-IJ-TP/Manipur/2017)

Package-III

Design Ch. Km-33.000 to Km-49.250
Survey Ch. Km-33.391 to Km-50.069



Draft Detailed Project Report Volume-IX Drawing

National Highways & Infrastructure
Development Corporation Ltd.
PTI Building, 3rd Floor, 4, Parliament Street,
New Delhi-110001



C. E. Testing Company Pvt. Ltd.
124-A, NSC Bose Road, Kolkata -92

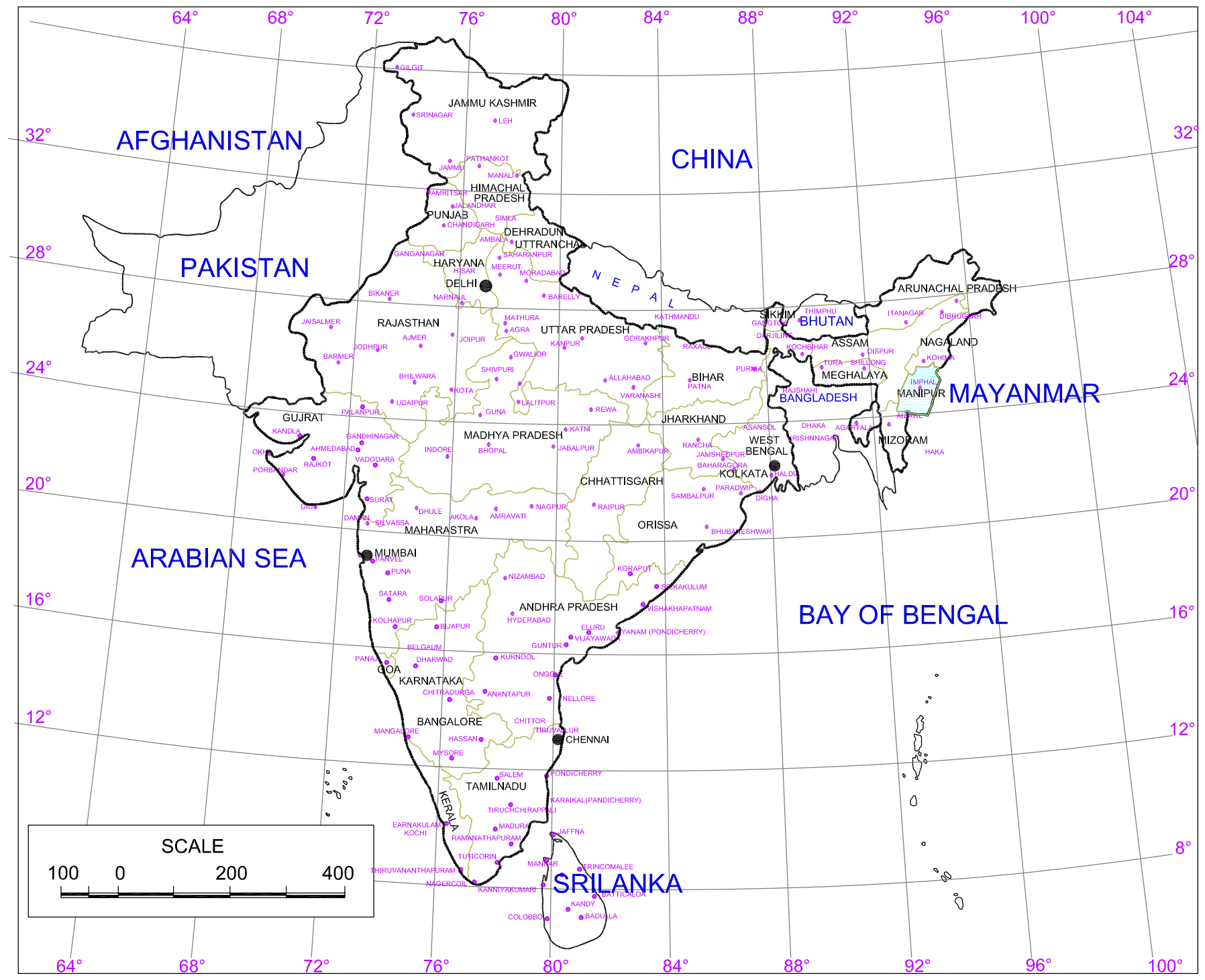
CONTENT

IMPHAL-JIRIBAM_PKG-III

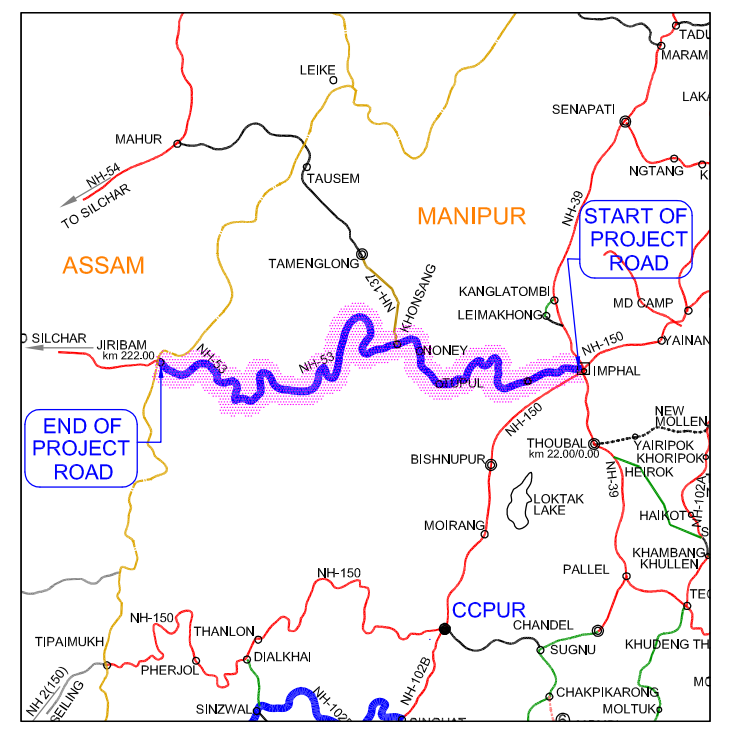
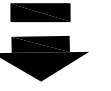
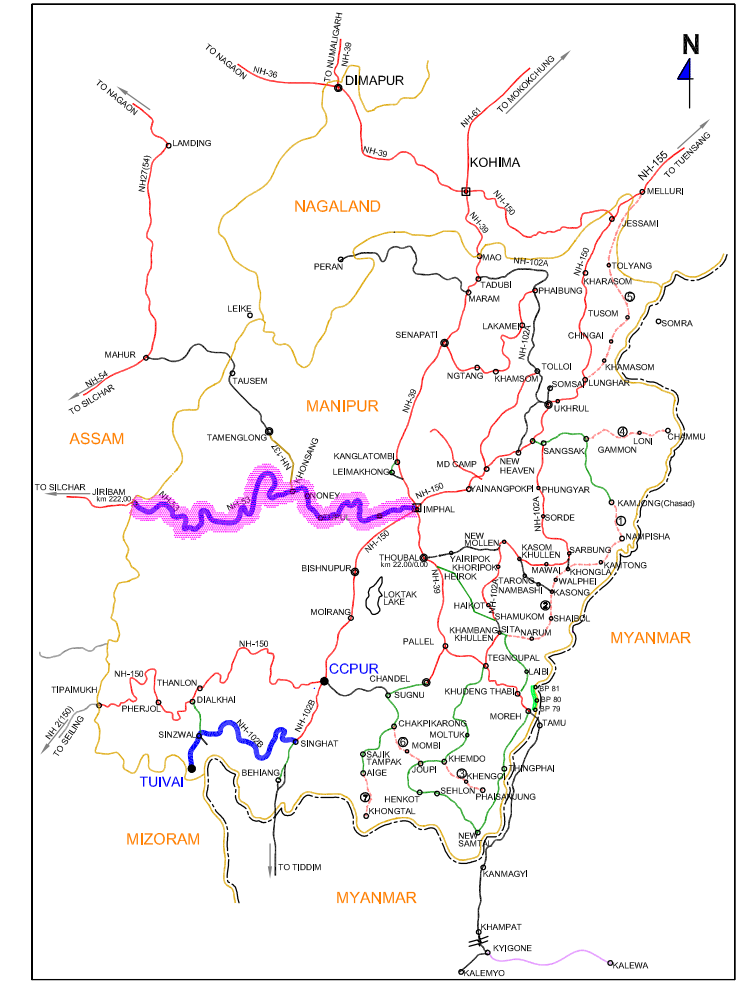
DESIGN CHAINAGE : KM. 33+000 - KM. 49+250



| SL. NO | TITLE OF DRAWINGS | DRAWING NO. | NO. OF SHEETS |
|-----------------|-----------------------------|---|---------------|
| HIGHWAY WORKS | | | |
| 01 | LOCATION PLAN | DWG NO :-CET/4047/NHIDCL/NH-37/I-J/DDPR/LP | 01 |
| 02 | TYPICAL CROSS SECTION | DWG NO :-CET/4047/NHIDCL/NH-37/I-J/DDPR/TCS | 08 |
| 03 | PLAN & PROFILE | DWG NO :-CET/4047/NHIDCL/NH-37/I-J/DDPR/PP | 34 |
| 04 | HORIZONTAL ALIGNMENT REPORT | DWG NO :-CET/4047/NHIDCL/NH-37/I-J/DDPR/HAR | 12 |
| 05 | VERTICAL ALIGNMENT REPORT | DWG NO :-CET/4047/NHIDCL/NH-37/I-J/DDPR/VAR | 02 |
| STRUCTURE WORKS | | | |
| 01 | STRUCTURE DRAWINGS | | 07 |

LOCATION PLAN



LOCATION MAP





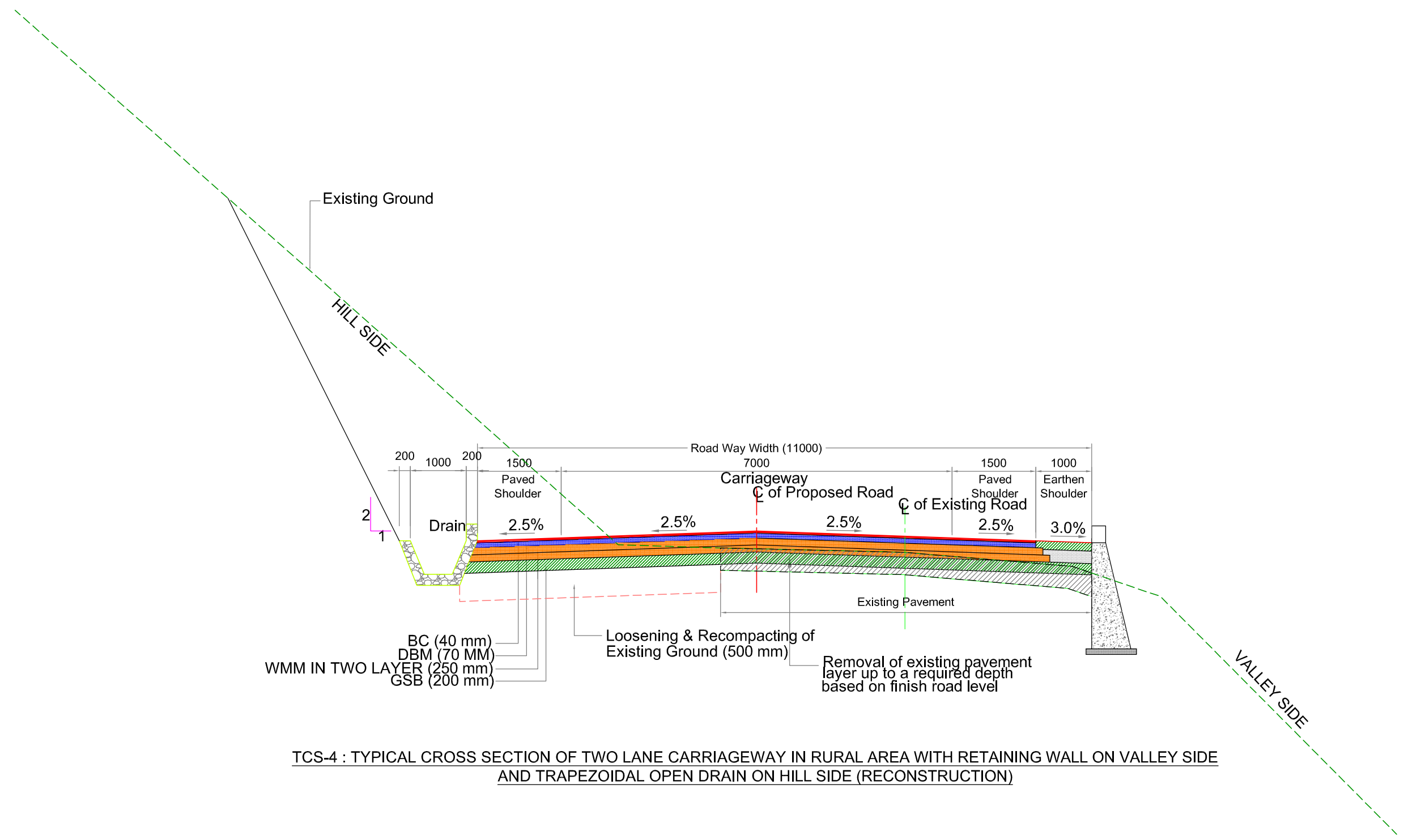
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| <table border="1"> <tr> <td>MKD.</td> <td>DATE</td> <td>DESCRIPTION</td> <td>CHKD.</td> <td>APPRD.</td> </tr> <tr> <td></td> <td></td> <td>REVISIONS</td> <td></td> <td></td> </tr> </table> | | | | | MKD. | DATE | DESCRIPTION | CHKD. | APPRD. | | | REVISIONS | | | Scale :- N.T.S  | CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001 | TITLE: LOCATION PLAN | CONSULTANT :  CETEST Engineering Consultants 124-A, N.S.C.I Kolkata - 700 092 | DWG NO :-CET/4047/NHIDCL/NH-37/I-J/DDPR/LP REVISION MKD. - R2 SHEET NO. - 01 |
| MKD. | DATE | DESCRIPTION | CHKD. | APPRD. | | | | | | | | | | | | | | | |
| | | REVISIONS | | | | | | | | | | | | | | | | | |
| PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING WITH PAVED SHOULDER OF IMPHAL-JIRIBAM SECTION OF NH-37 (NH-53) (LENGTH- 220 KM) IN THE STATE OF MANIPUR | | | | | DATE: FEB, 2021 | SUBMISSION TYPE : DRAFT DETAILED PROJECT REPORT | PACKAGE - III | <table border="1"> <tr> <td>Drawn By.</td> <td>Designed By.</td> <td>Checked By.</td> <td>Issued By.</td> </tr> <tr> <td>S.MANDAL</td> <td>B.DAS</td> <td>A.DEY</td> <td>A.K.DAS</td> </tr> </table> | Drawn By. | Designed By. | Checked By. | Issued By. | S.MANDAL | B.DAS | A.DEY | A.K.DAS | | | |
| Drawn By. | Designed By. | Checked By. | Issued By. | | | | | | | | | | | | | | | | |
| S.MANDAL | B.DAS | A.DEY | A.K.DAS | | | | | | | | | | | | | | | | |

TYPICAL CROSS SECTION







| Chainage (m) | | CD Length (m) | Net Length (m) | TCS Type |
|--------------|-------|---------------|----------------|----------|
| From | To | | | |
| 33000 | 33600 | 5.2 | 594.8 | TCS-3 |
| 33600 | 33875 | | 275 | TCS-12 |
| 33875 | 33965 | | 90 | TCS-9A |
| 33965 | 34470 | 2.6 | 502.4 | TCS-12 |
| 34470 | 34510 | | 40 | TCS-9A |
| 34510 | 34560 | | 50 | TCS-12 |
| 34560 | 35000 | 10.6 | 429.4 | TCS-5 |
| 35000 | 35080 | | 80 | TCS-4A |
| 35080 | 35130 | | 50 | TCS-3A |
| 35130 | 35730 | 3.96 | 596.04 | TCS-3 |
| 35730 | 36030 | 2.6 | 297.4 | TCS-7 |
| 36030 | 36230 | 2.7 | 197.3 | TCS-3 |
| 36230 | 36380 | | 150 | TCS-5 |
| 36380 | 36480 | 3.96 | 96.04 | TCS-3 |
| 36480 | 36580 | | 100 | TCS-3A |
| 36580 | 36830 | 2.6 | 247.4 | TCS-3 |
| 36830 | 37010 | 8 | 172 | TCS-3A |
| 37010 | 37060 | 2.7 | 47.3 | TCS-3 |
| 37060 | 37160 | 2.6 | 97.4 | TCS-3A |
| 37160 | 38405 | 20.72 | 1224.28 | TCS-3 |
| 38405 | 38755 | 2.7 | 347.3 | TCS-3A |
| 38755 | 38840 | 3.84 | 81.16 | TCS-3 |
| 38840 | 38910 | | 70 | TCS-3A |
| 38910 | 40580 | 32.8 | 1637.2 | TCS-3 |
| 40580 | 40680 | | 100 | TCS-4 |
| 40680 | 40780 | | 100 | TCS-3A |
| 40780 | 41155 | 5.2 | 369.8 | TCS-3 |
| 41155 | 41205 | | 50 | TCS-4 |
| 41205 | 41500 | 2.6 | 292.4 | TCS-3 |
| 41500 | 41555 | 2.6 | 52.4 | TCS-4 |
| 41555 | 41680 | | 125 | TCS-3 |
| 41680 | 41780 | | 100 | TCS-3A |
| 41780 | 42130 | 2.6 | 347.4 | TCS-3 |
| 42130 | 42350 | 2.6 | 217.4 | TCS-6 |

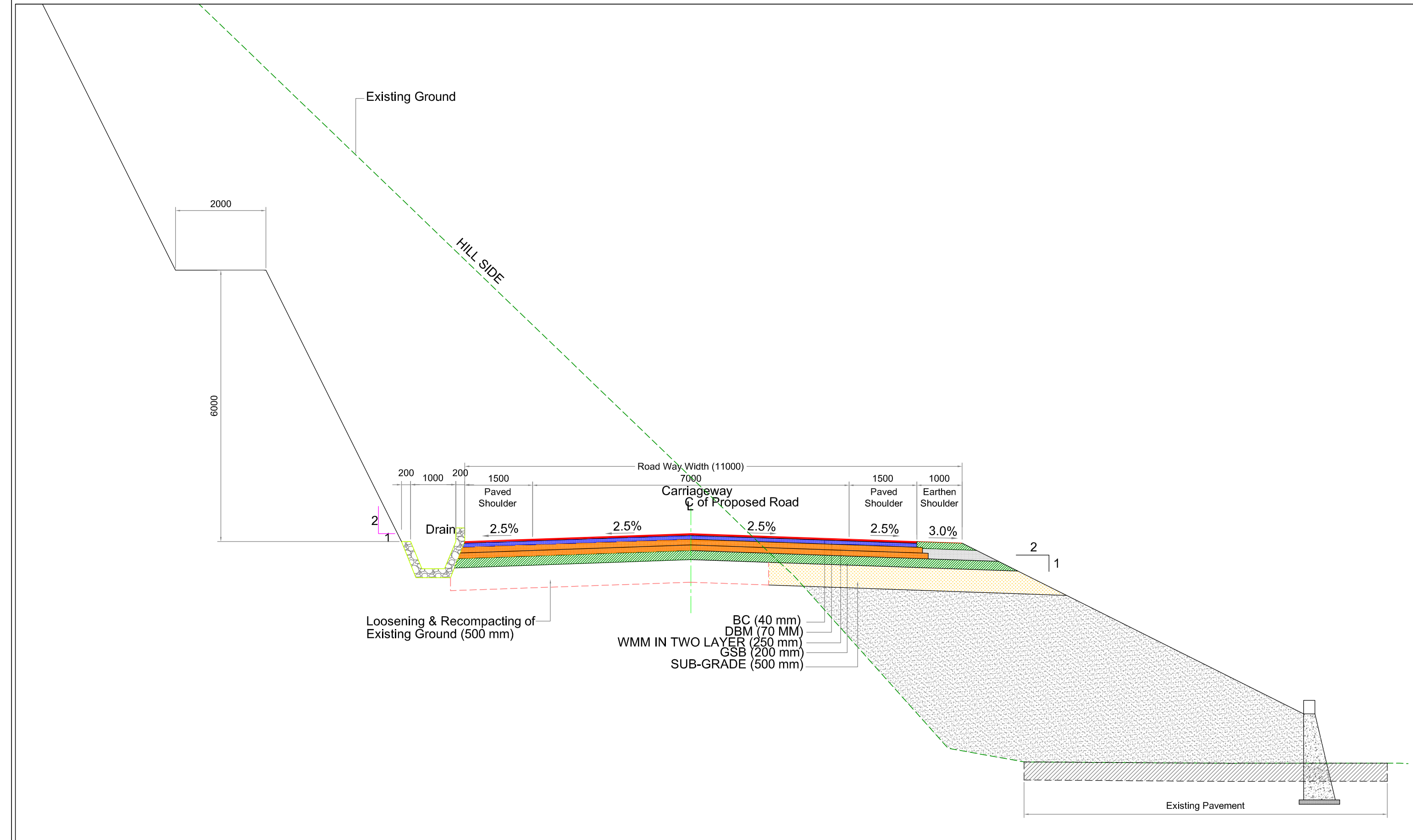
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|-----------------------|-------|---------------|----------------|----------|
| From | To | | | |
| 42350 | 42690 | 10.6 | 329.4 | TCS-3 |
| 42690 | 42745 | | 55 | TCS-3A |
| 42745 | 43720 | 10.6 | 964.4 | TCS-3 |
| 43720 | 43855 | 2.7 | 132.3 | TCS-7 |
| 43855 | 43905 | | 50 | TCS-4 |
| 43905 | 44245 | 2.6 | 337.4 | TCS-3 |
| 44245 | 44295 | | 50 | TCS-4 |
| 44295 | 45165 | 10.5 | 859.5 | TCS-3 |
| 45165 | 45215 | | 50 | TCS-3A |
| 45215 | 46990 | 22.44 | 1752.56 | TCS-3 |
| 46990 | 47040 | | 50 | TCS-3A |
| 47040 | 48955 | 26.2 | 1888.8 | TCS-3 |
| 48955 | 49250 | 5.2 | 289.8 | TCS-4 |
| Total Length = | | 214 | 16036 | |

| | | | | | | | | | | | | | |
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| | | | | | Scale :- 1 : 75 |  | CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001 | TITLE : TYPICAL CROSS SECTION | CONSULTANT :  CE TESTING COMPANY PVT. LTD. 124-A, N.S.C. Bose Road, Kolkata - 700092. | DWG NO :-CET/4047/NHIDCL/NH-37/I-J/DDPR/TCS | | | |
| | | | | | DATE: FEB, 2021 | PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING WITH PAVED SHOULDER OF IMPHAL-JIRIBAM SECTION OF NH-37 (NH-53) (LENGTH- 220 KM) IN THE STATE OF MANIPUR | | | SUBMISSION TYPE : DRAFT DETAIL PROJECT REPORT | REVISION MKD. - R2 SHEET NO. - 01 | | | |
| REVISIONS | | | | | | | | (PACKAGE NO. III) | | Drawn By S.MANDAL | Designed By B. DAS | Checked By A.DEY | Issued By A. K.DAS |





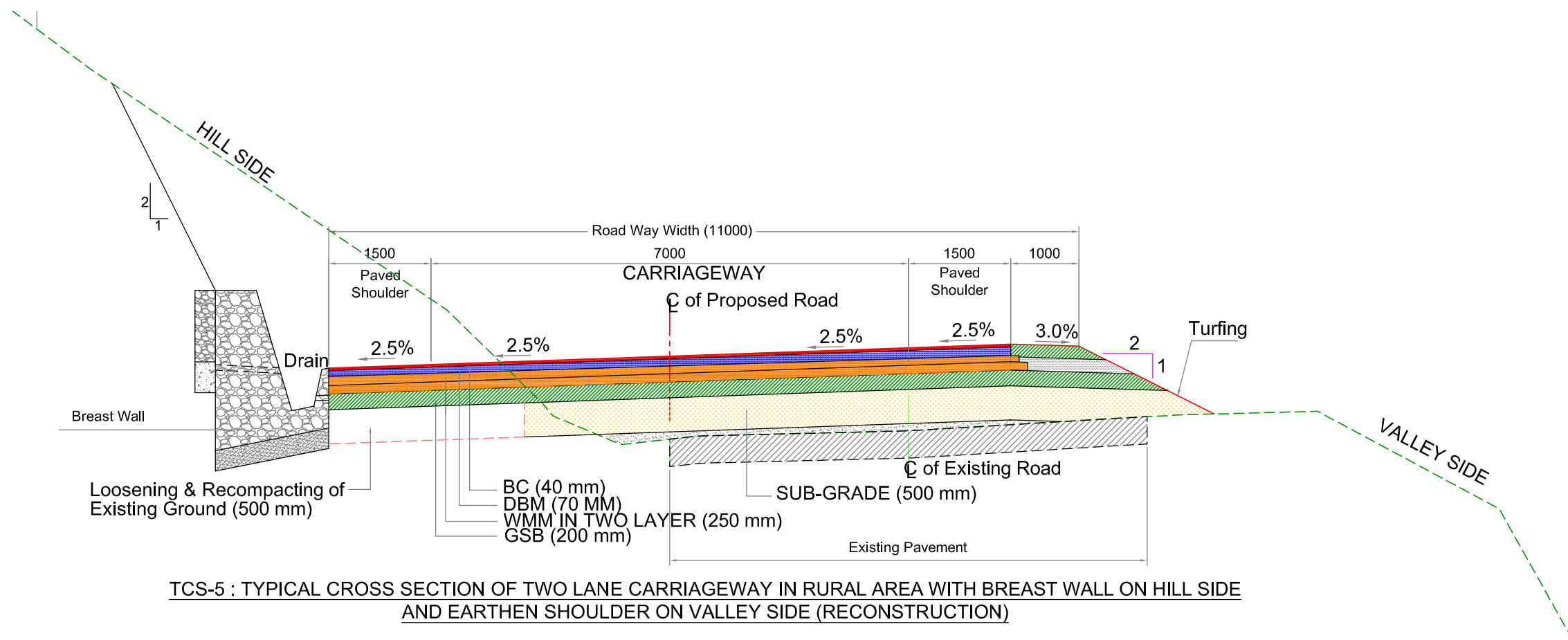
TCS-4 : TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY IN RURAL AREA WITH RETAINING WALL ON VALLEY SIDE AND TRAPEZOIDAL OPEN DRAIN ON HILL SIDE (RECONSTRUCTION)

| | | | | | | | | | | | | | | |
|------|------|-------------|-------|--------|---|---|--|--|--|---|----------------|----------|-------------|------------|
| | | | | | Scale :- 1 : 75 |  | CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001 | TITLE: TYPICAL CROSS SECTION | CONSULTANT :  CE TESTING COMPANY PVT. LTD. 124-A, N.S.C. Bose Road, Kolkata - 700092. | DWG NO :-CET/4047/NHIDCL/NH-37/I-J/DDPR/TCS | | | | |
| | | | | | DATE: FEB, 2021 | | PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING WITH PAVED SHOULDER OF IMPHAL-JIRIBAM SECTION OF NH-37 (NH-53) (LENGTH- 220 KM) IN THE STATE OF MANIPUR | SUBMISSION TYPE : DRAFT DETAIL PROJECT REPORT | (PACKAGE NO. III) | REVISION MKD. - R2 | SHEET NO. - 03 | Drawn By | Designed By | Checked By |
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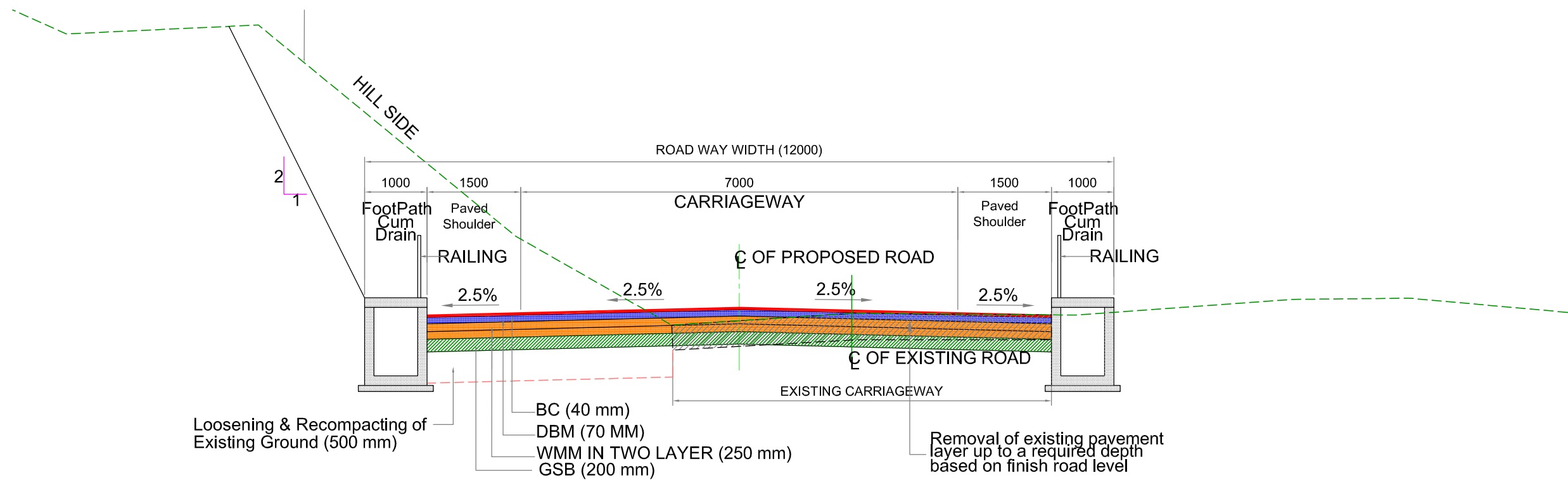


TCS-4A : TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY IN RURAL AREA WITH RETAINING WALL ON VALLEY SIDE AND TRAPEZOIDAL OPEN DRAIN ON HILL SIDE (NEW CONSTRUCTION)

| | | | | | | | | | | | | | | |
|-----------|------|-------------|-------|--------|--------------------|---|--|--|--|---|----------------|----------|-------------|------------|
| | | | | | Scale :- 1 : 75 |  | CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001 | TITLE: TYPICAL CROSS SECTION | CONSULTANT :  CE TESTING COMPANY PVT. LTD. 124-A, N.S.C. Bose Road, Kolkata - 700092. | DWG NO :-CET/4047/NHIDCL/NH-37/I-J/DDPR/TCS | | | | |
| | | | | | DATE: FEB, 2021 | | PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING WITH PAVED SHOULDER OF IMPHAL-JIRIBAM SECTION OF NH-37 (NH-53) (LENGTH- 220 KM) IN THE STATE OF MANIPUR | SUBMISSION TYPE : DRAFT DETAIL PROJECT REPORT | (PACKAGE NO. III) | REVISION MKD. - R2 | SHEET NO. - 04 | Drawn By | Designed By | Checked By |
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| REVISIONS | | | | | | | | | | | | | | |
| | | | | | S.MANDAL | B. DAS | A.DEY | A. K.DAS | | | | | | |

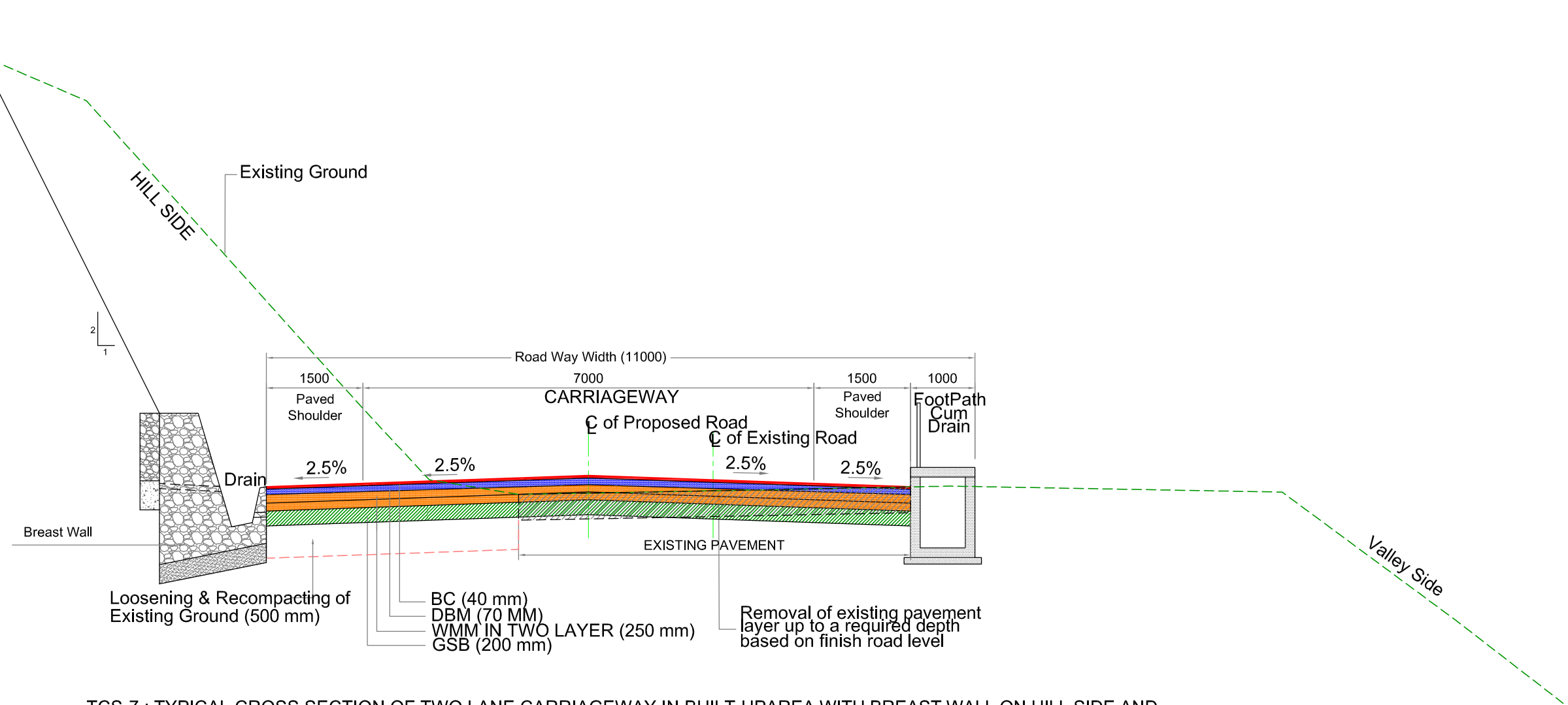


TCS-5 : TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY IN RURAL AREA WITH BREAST WALL ON HILL SIDE AND EARTHEN SHOULDER ON VALLEY SIDE (RECONSTRUCTION)



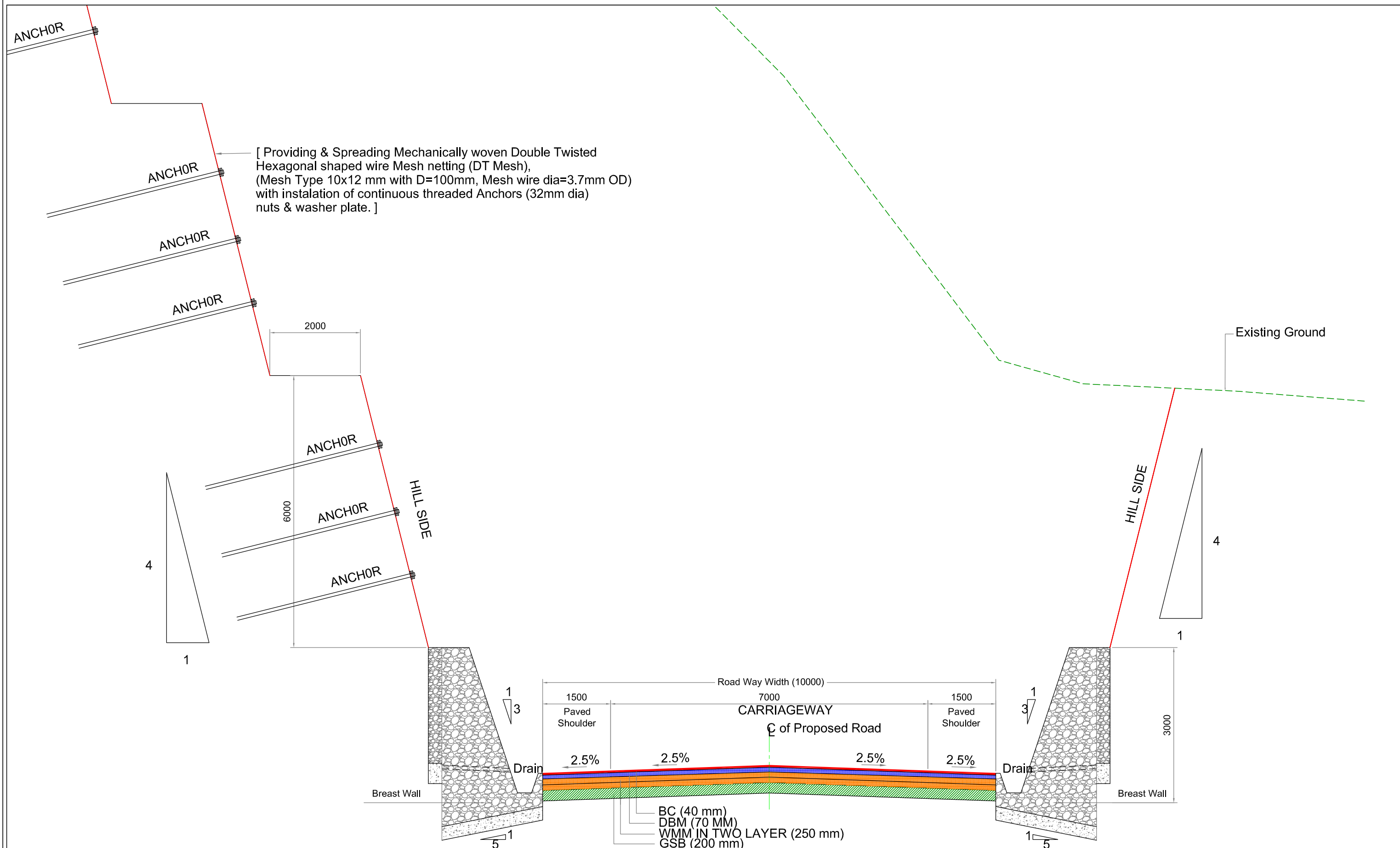
TCS-6 : TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY IN BUILT UP AREA WITH BOTH SIDE FOOTPATH CUM RCC RECTANGULAR COVERED DRAIN IN HILLY TERRAIN (RECONSTRUCTION)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| REVISIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Drawn By | Designed By | Checked By | Issued By | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S.MANDAL | B. DAS | A.DEY | A. K.DAS | | | | | | | | | | | | | | | | | | | | | | | | | | |
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TCS-7 : TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY IN BUILT-UP AREA WITH BREAST WALL ON HILL SIDE AND FOOTPATH CUM RCC RECTANGULAR COVERED DRAIN ON VALLEY SIDE (RECONSTRUCTION)

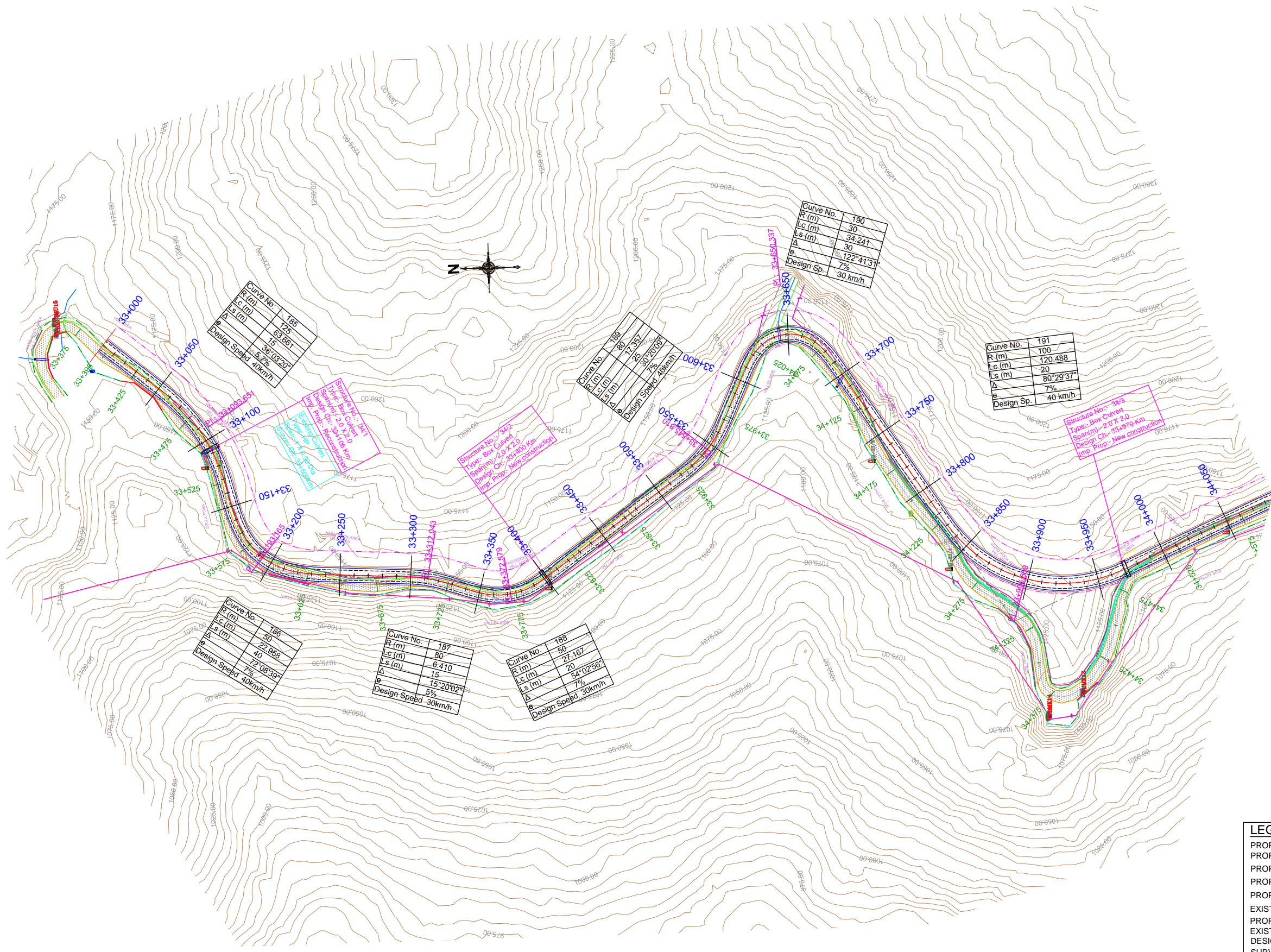
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| MKD. | DATE | DESCRIPTION | CHKD. | APPRD. | | | | | Drawn By | Designed By | Checked By | Issued By | | |
| REVISIONS | | | | | | | | | | | | | | |
| | | | | | | | | | | | S.MANDAL | B. DAS | A.DEY | A. K.DAS |



TCS-9A : TYPICAL CROSS SECTION OF TWO LANE CARRIAGEWAY IN RURAL AREA WITH BREAST WALL ON BOTH SIDES (NEW CONSTRUCTION)

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|------|-------------|-------|--------|---|------|-------------|-------|----------------------|-----------------------|---------------------|-----------------------|--|--|--------------------|--|--|----------------------------------|--|---|--|--|--|
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| MKD. | DATE | DESCRIPTION | CHKD. | APPRD. | | | | | | | | | | | | | | | | | | | |
| REVISIONS | | | | | | | | | | | | | | | | | | | | | | | |
| DATE: FEB, 2021 PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING WITH PAVED SHOULDER OF IMPHAL-JIRIBAM SECTION OF NH-37 (NH-53) (LENGTH- 220 KM) IN THE STATE OF MANIPUR | | | | | SUBMISSION TYPE : DRAFT DETAIL PROJECT REPORT (PACKAGE NO. III) | | | | Drawn By S.MANDAL | Designed By B. DAS | Checked By A.DEY | Issued By A. K.DAS | | | | | | | | | | | |

PLAN & PROFILE



LEGEND :-

| | |
|---------------------------|-------|
| PROPOSED CENTRE LINE | --- |
| PROPOSED CARRIAGEWAY LINE | ---- |
| PROPOSED PAVED LINE | ==== |
| PROPOSED EARTHEN LINE | ===== |
| PROPOSED DRAIN | ----- |
| EXISTING ROW LINE | ----- |
| PROPOSED ROW LINE | ----- |
| EXISTING CARRIAGEWAY | ----- |
| DESIGN CHAINAGE:- | 0+000 |
| SURVEY CHAINAGE:- | 0+000 |

| | | | | |
|-----------|------|-------------|-------|--------|
| MKD. | DATE | DESCRIPTION | CHKD. | APPRD. |
| REVISIONS | | | | |

Scale :-
H - 1:2500

DATE: FEB, 2021

CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.
PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001

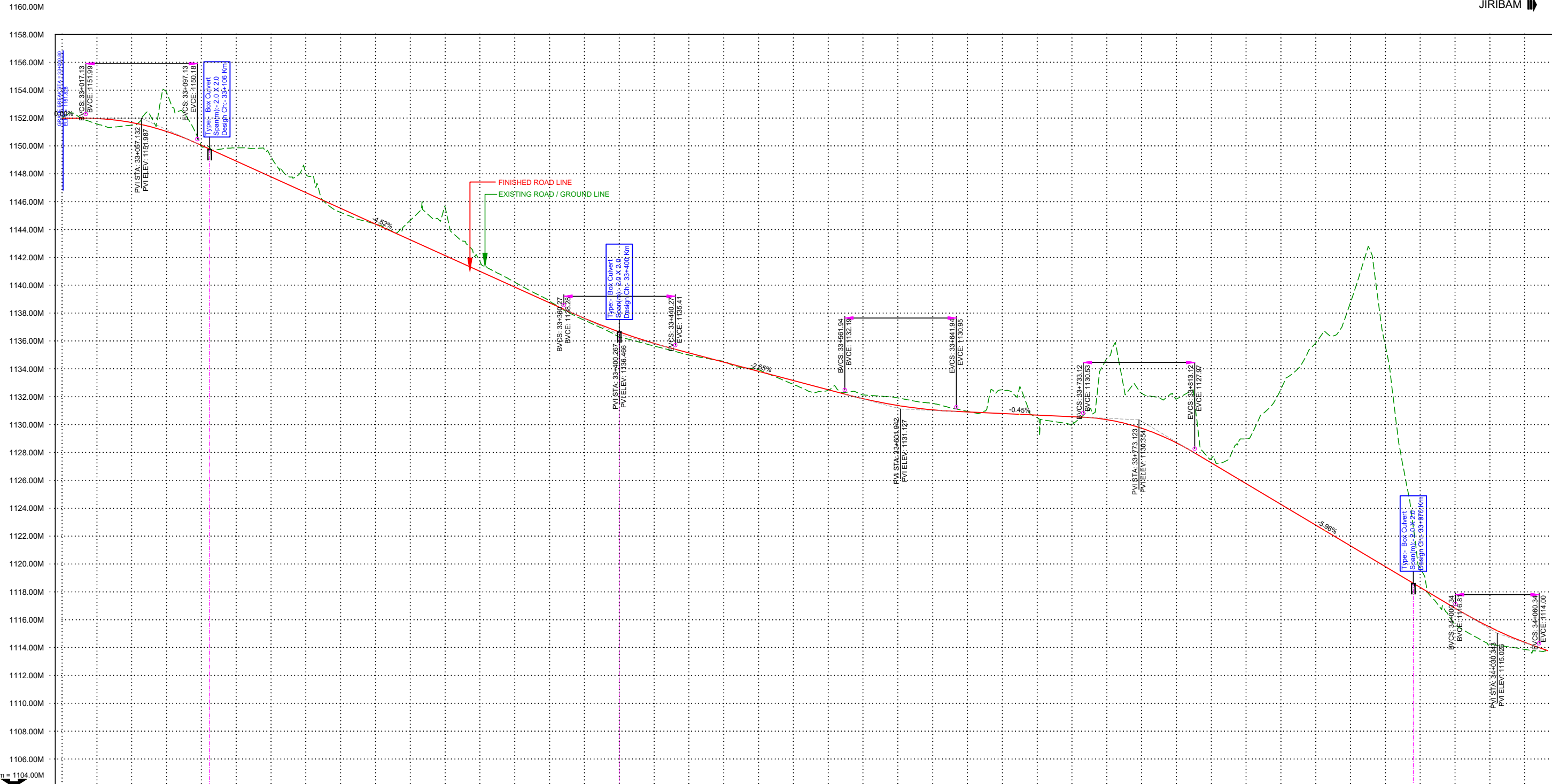
PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING WITH PAVED SHOULDER OF IMPHAL-JIRIBAM SECTION OF NH-37 (NH-53) (LENGTH- 220 KM) IN THE STATE OF MANIPUR

TITLE: PLAN
Km 33+000 to Km 34+000

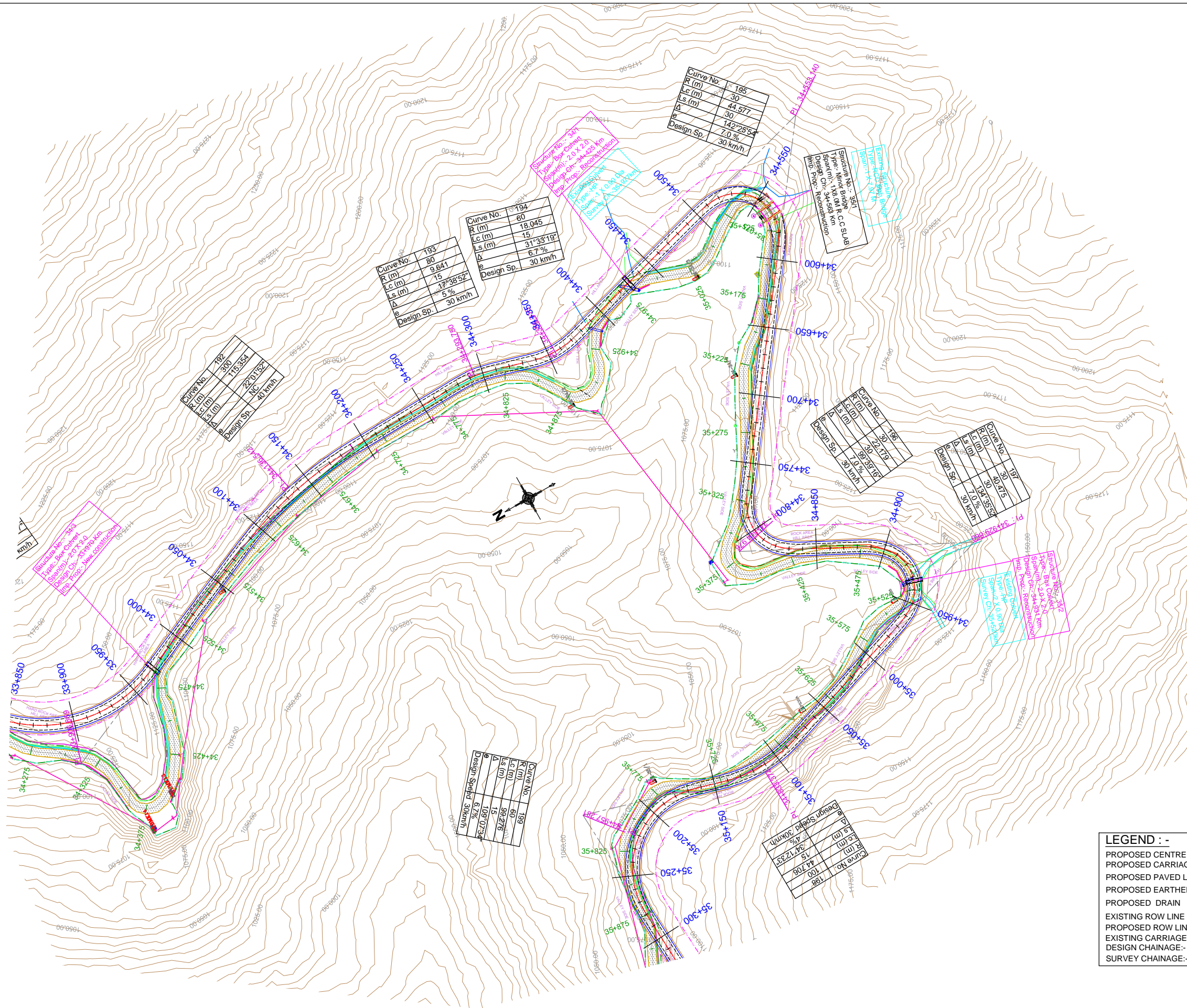
SUBMISSION TYPE: DRAFT DETAIL PROJECT REPORT
(PACKAGE NO. III)

CONSULTANT: CE TESTING COMPANY PVT. LTD.
124-A, N.S.C. Bose Road, Kolkata - 700092.

| | | | | | |
|---|-------------|--------------------|-----------|----------------|--|
| DWG NO :- CET/4047/NHIDCL/NH-37/I-J/DDPR/PP | | REVISION MKD. - R2 | | SHEET NO. - 01 | |
| Drawn By | Designed By | Checked By | Issued By | | |
| S.MANDAL | B. DAS | A.DEY | A. K.DAS | | |



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|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--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--|----------|----------|----------|----------|----------|----------|------|
| FINISHED ROAD LEVEL ALONG THE PROPOSED CL. | 1151.987 | 1151.970 | 1151.682 | 1151.040 | 1150.048 | 1148.917 | 1147.786 | 1146.655 | 1145.525 | 1144.394 | 1143.263 | 1142.132 | 1141.001 | 1139.870 | 1138.740 | 1137.614 | 1136.483 | 1135.358 | 1134.234 | 1133.110 | 1131.984 | 1130.858 | 1130.732 | 1130.606 | 1130.480 | 1130.354 | 1130.228 | 1130.102 | 1129.976 | 1129.850 | 1129.724 | 1129.598 | 1129.472 | 1129.346 | 1129.220 | 1129.094 | 1128.968 | 1128.842 | 1128.716 | 1128.590 | 1128.464 | 1128.338 | 1128.212 | 1128.086 | 1127.960 | 1127.834 | 1127.708 | 1127.582 | 1127.456 | 1127.330 | 1127.204 | 1127.078 | 1126.952 | 1126.826 | 1126.700 | 1126.574 | 1126.448 | 1126.322 | 1126.196 | 1126.070 | 1125.944 | 1125.818 | 1125.692 | 1125.566 | 1125.440 | 1125.314 | 1125.188 | 1125.062 | 1124.936 | 1124.810 | 1124.684 | 1124.558 | 1124.432 | 1124.306 | 1124.180 | 1124.054 | 1123.928 | 1123.802 | 1123.676 | 1123.550 | 1123.424 | 1123.298 | 1123.172 | 1123.046 | 1122.920 | 1122.794 | 1122.668 | 1122.542 | 1122.416 | 1122.290 | 1122.164 | 1122.038 | 1121.912 | 1121.786 | 1121.660 | 1121.534 | 1121.408 | 1121.282 | 1121.156 | 1121.030 | 1120.904 | 1120.778 | 1120.652 | 1120.526 | 1120.400 | 1120.274 | 1120.148 | 1120.022 | 1119.896 | 1119.770 | 1119.644 | 1119.518 | 1119.392 | 1119.266 | 1119.140 | 1119.014 | 1118.888 | 1118.762 | 1118.636 | 1118.510 | 1118.384 | 1118.258 | 1118.132 | 1118.006 | 1117.880 | 1117.754 | 1117.628 | 1117.502 | 1117.376 | 1117.250 | 1117.124 | 1116.998 | 1116.872 | 1116.746 | 1116.620 | 1116.494 | 1116.368 | 1116.242 | 1116.116 | 1115.990 | 1115.864 | 1115.738 | 1115.612 | 1115.486 | 1115.360 | 1115.234 | 1115.108 | 1114.982 | 1114.856 | 1114.730 | 1114.604 | 1114.478 | 1114.352 | 1114.226 | 1114.100 | 1113.974 | 1113.848 | 1113.722 | 1113.596 | 1113.470 | 1113.344 | 1113.218 | 1113.092 | 1112.966 | 1112.840 | 1112.714 | 1112.588 | 1112.462 | 1112.336 | 1112.210 | 1112.084 | 1111.958 | 1111.832 | 1111.706 | 1111.580 | 1111.454 | 1111.328 | 1111.202 | 1111.076 | 1110.950 | 1110.824 | 1110.698 | 1110.572 | 1110.446 | 1110.320 | 1110.194 | 1110.068 | 1109.942 | 1109.816 | 1109.690 | 1109.564 | 1109.438 | 1109.312 | 1109.186 | 1109.060 | 1108.934 | 1108.808 | 1108.682 | 1108.556 | 1108.430 | 1108.304 | 1108.178 | 1108.052 | 1107.926 | 1107.800 | 1107.674 | 1107.548 | 1107.422 | 1107.296 | 1107.170 | 1107.044 | 1106.918 | 1106.792 | 1106.666 | 1106.540 | 1106.414 | 1106.288 | 1106.162 | 1106.036 | 1105.910 | 1105.784 | 1105.658 | 1105.532 | 1105.406 | 1105.280 | 1105.154 | 1105.028 | 1104.902 | 1104.776 | 1104.650 | 1104.524 | 1104.398 | 1104.272 | 1104.146 | 1104.020 | 1103.894 | 1103.768 | 1103.642 | 1103.516 | 1103.390 | 1103.264 | 1103.138 | 1103.012 | 1102.886 | 1102.760 | 1102.634 | 1102.508 | 1102.382 | 1102.256 | 1102.130 | 1102.004 | 1101.878 | 1101.752 | 1101.626 | 1101.500 | 1101.374 | 1101.248 | 1101.122 | 1100.996 | 1100.870 | 1100.744 | 1100.618 | 1100.492 | 1100.366 | 1100.240 | 1100.114 | 1099.988 | 1099.862 | 1099.736 | 1099.610 | 1099.484 | 1099.358 | 1099.232 | 1099.106 | 1098.980 | 1098.854 | 1098.728 | 1098.602 | 1098.476 | 1098.350 | 1098.224 | 1098.098 | 1097.972 | 1097.846 | 1097.720 | 1097.594 | 1097.468 | 1097.342 | 1097.216 | 1097.090 | 1096.964 | 1096.838 | 1096.712 | 1096.586 | 1096.460 | 1096.334 | 1096.208 | 1096.082 | 1095.956 | 1095.830 | 1095.704 | 1095.578 | 1095.452 | 1095.326 | 1095.200 | 1095.074 | 1094.948 | 1094.822 | 1094.696 | 1094.570 | 1094.444 | 1094.318 | 1094.192 | 1094.066 | 1093.940 | 1093.814 | 1093.688 | 1093.562 | 1093.436 | 1093.310 | 1093.184 | 1093.058 | 1092.932 | 1092.806 | 1092.680 | 1092.554 | 1092.428 | 1092.302 | 1092.176 | 1092.050 | 1091.924 | 1091.798 | 1091.672 | 1091.546 | 1091.420 | 1091.294 | 1091.168 | 1091.042 | 1090.916 | 1090.790 | 1090.664 | 1090.538 | 1090.412 | 1090.286 | 1090.160 | 1090.034 | 1089.908 | 1089.782 | 1089.656 | 1089.530 | 1089.404 | 1089.278 | 1089.152 | 1089.026 | 1088.900 | 1088.774 | 1088.648 | 1088.522 | 1088.396 | 1088.270 | 1088.144 | 1088.018 | 1087.892 | 1087.766 | 1087.640 | 1087.514 | 1087.388 | 1087.262 | 1087.136 | 1087.010 | 1086.884 | 1086.758 | 1086.632 | 1086.506 | 1086.380 | 1086.254 | 1086.128 | 1086.002 | 1085.876 | 1085.750 | 1085.624 | 1085.498 | 1085.372 | 1085.246 | 1085.120 | 1084.994 | 1084.868 | 1084.742 | 1084.616 | 1084.490 | 1084.364 | 1084.238 | 1084.112 | 1083.986 | 1083.860 | 1083.734 | 1083.608 | 1083.482 | 1083.356 | 1083.230 | 1083.104 | 1082.978 | 1082.852 | 1082.726 | 1082.600 | 1082.474 | 1082.348 | 1082.222 | 1082.096 | 1081.970 | 1081.844 | 1081.718 | 1081.592 | 1081.466 | 1081.340 | 1081.214 | 1081.088 | 1080.962 | 1080.836 | 1080.710 | 1080.584 | 1080.458 | 1080.332 | 1080.206 | 1080.080 | 1079.954 | 1079.828 | 1079.702 | 1079.576 | 1079.450 | 1079.324 | 1079.198 | 1079.072 | 1078.946 | 1078.820 | 1078.694 | 1078.568 | 1078.442 | 1078.316 | 1078.190 | 1078.064 | 1077.938 | 1077.812 | 1077.686 | 1077.560 | 1077.434 | 1077.308 | 1077.182 | 1077.056 | 1076.930 | 1076.804 | 1076.678 | 1076.552 | 1076.426 | 1076.300 | 1076.174 | 1076.048 | 1075.922 | 1075.796 | 1075.670 | 1075.544 | 1075.418 | 1075.292 | 1075.166 | 1075.040 | 1074.914 | 1074.788 | 1074.662 | 1074.536 | 1074.410 | 1074.284 | 1074.158 | 1074.032 | 1073.906 | 1073.780 | 1073.654 | 1073.528 | 1073.402 | 1073.276 | 1073.150 | 1073.024 | 1072.898 | 1072.772 | 1072.646 | 1072.520 | 1072.394 | 1072.268 | 1072.142 | 1072.016 | 1071.890 | 1071.764 | 1071.638 | 1071.512 | 1071.386 | 1071.260 | 1071.134 | 1071.008 | 1070.882 | 1070.756 | 1070.630 | 1070.504 | 1070.378 | 1070.252 | 1070.126 | 1070.000 | 1069.874 | 1069.748 | 1069.622 | 1069.496 | 1069.370 | 1069.244 | 1069.118 | 1068.992 | 1068.866 | 1068.740 | 1068.614 | 1068.488 | 1068.362 | 1068.236 | 1068.110 | 1067.984 | 1067.858 | 1067.732 | 1067.606 | 1067.480 | 1067.354 | 1067.228 | 1067.102 | 1066.976 | 1066.850 | 1066.724 | 1066.598 | 1066.472 | 1066.346 | 1066.220 | 1066.094 | 1065.968 | 1065.842 | 1065.716 | 1065.590 | 1065.464 | 1065.338 | 1065.212 | 1065.086 | 1064.960 | 1064.834 | 1064.708 | 1064.582 | 1064.456 | 1064.330 | 1064.204 | 1064.078 | 1063.952 | 1063.826 | 1063.700 | 1063.574 | 1063.448 | 1063.322 | 1063.196 | 1063.070 | 1062.944 | 1062.818 | 1062.692 | 1062.566 | 1062.440 | 1062.314 | 1062.188 | 1062.062 | 1061.936 | 1061.810 | 1061.684 | 1061.558 | 1061.432 | 1061.306 | 1061.180 | 1061.054 | 1060.928 | 1060.802 | 1060.676 | 1060.550 | 1060.424 | 1060.298 | 1060.172 | 1060.046 | 1059.920 | 1059.794 | 1059.668 | 1059.542 | 1059.416 | 1059.290 | 1059.164 | 1059.038 | 1058.912 | 1058.786 | 1058.660 | 1058.534 | 1058.408 | 1058.282 | 1058.156 | 1058.030 | 1057.904 | 1057.778 | 1057.652 | 1057.526 | 1057.400 | 1057.274 | 1057.148 | 1057.022 | 1056.896 | 1056.770 | 1056.644 | 1056.518 | 1056.392 | 1056.266 | 1056.140 | 1056.014 | 1055.888 | 1055.762 | 1055.636 | 1055.510 | 1055.384 | 1055.258 | 1055.132 | 1055.006 | 1054.880 | 1054.754 | 1054.628 | 1054.502 | 1054.376 | 1054.250 | 1054.124 | 1053.998 | 1053.872 | 1053.746 | 1053.620 | 1053.494 | 1053.368 | 1053.242 | 1053.116 | 1052.990 | 1052.864 | 1052.738 | 1052.612 | 1052.486 | 1052.360 | 1052.234 | 1052.108 | 1051.982 | 1051.856 | 1051.730 | 1051.604 | 1051.478 | 1051.352 | 1051.226 | 1051.100 | 1050.974 | 1050.848 | 1050.722 | 1050.596 | 1050.470 | 1050.344 | 1050.218 | 1050.092 | 1049.966 | 1049.840 | 1049.714 | 1049.588 | 1049.462 | 1049.336 | 1049.210 | 1049.084 | 1048.958 | 1048.832 | 1048.706 | 1048.580 | 1048.454 | 1048.328 | 1048.202 | 1048.076 | 1047.950 | 1047.824 | 1047.698 | 1047.572 | 1047.446 | 1047.320 | 1047.194 | 1047.068 | 1046.942 | 1046.816 | 1046.690 | 1046.564 | 1046.438 | 1046.312 | 1046.186 | 1046.060 | 1045.934 | 1045.808 | 1045.682 | 1045.556 | 1045.430 | 1045.304 | 1045.178 | 1045.052 | 1044.926 | 1044.800 | 1044.674 | 1044.548 | 1044.422 | 1044.296 | 1044.170 | 1044.044 | 1043.918 | 1043.792 | 1043.666 | 1043.540 | 1043.414 | 1043.288 | 1043.162 | 1043.036 | 1042.910 | 1042.784 | 1042.658 | 1042.532 | 1042.406 | 1042.280 | 1042.154 | 1042.028 | 1041.902 | 1041.776 | 1041.650 | 1041.524 | 1041.398 | 1041.272 | 1041.146 | 1041.020 | 1040.894 | 1040.768 | 1040.642 | 1040.516 | 1040.390 | 1040.264 | 1040.138 | 1040.012 | 1039.886 | 1039.760 | 1039.634 | 1039.508 | 1039.382 | 1039.256 | 1039.130 | 1039.004 | 1038.878 | 1038.752 | 1038.626 | 1038.500 | 1038.374 | 1038.248 | 1038.122 | 1037.996 | 1037.870 | 1037.744 | 1037.618 | 1037.492 | 1037.366 | 1037.240 | 1037.114 | 1036.988 | 1036.862 | 1036.736 | 1036.610 | 1036.484 | 1036.358 | 1036.232 | 1036.106 | 1035.980 | 1035.854 | 1035.728 | 1035.602 | 1035.476 | 1035.350 | 1035.224 | 1035.098 | 1034.972 | 1034.846 | 1034.720 | 1034.594 | 1034.468 | 1034.342 | 1034.216 | 1034.090 | 1033.964 | 1033.838 | 1033.712 | 1033.586 | 1033.460 | 1033.334 | 1033.208 | 1033.082 | 1032.956 | 1032.830 | 1032.704 | 1032.578 | 1032.452 | 1032.326 | 1032.200 | 1032.074 | 1031.948 | 1031.822 | 1031.696 | 1031.570 | 1031.444 | 1031.318 | 1031.192 | 1031.066 | 1030.940 | 1030.814 | 1030.688 | 1030.562 | 1030.436 | 1030.310 | 1030.184 | 1030.058 | 1029.932 | 1029.806 | 1029.680 | 1029.554 | 1029.428 | 1029.302 | 1029.176 | 1029.050 | 1028.924 | 1028.798 | 1028.672 | 1028.546 | 1028.420 | 1028.294 | 1028.168 | 1028.042 | 1027.916 | 1027.790 | 1027.664 | 1027.538 | 1027.412 | 1027.286 | 1027.160 | 1027.034 | 1026.908 | 1026.782 | 1026.656 | 1026.530 | 1026.404 | 1026.278 | 1026.152 | 1026.026 | 1025.900 | 1025.774 | 1025.648 | 1025.522 | 1025.396 | 1025.270 | 1025.144 | 1025.018 | 1024.892 | 1024.766 | 1024.640 | 1024.514 | 1024.388 | 1024.262 | 1024.136 | 1024.010 | 1023.884 | 1023.758 | 1023.632 | 1023.506 | 1023.380 | 1023.254 | 1023.128 | 1023.002 | 1022.876 | 1022.750 | 1022.624 | 1022.498 | 1022.372 | 1022.246 | 1022.120 | 1021.994 | 1021.868 | 1021.742 | 1021.616 | 1021.490 | 1021.364 | 1021.238 | 1021.112 | 1020.986 | 1020.860 | 1020.734 | 1020.608 | 1020.482 | 1020.356 | 1020.230 | 1020.104 | 1019.978 | 1019.852 | 1019.726 | 1019.600 | 1019.474 | 1019.348 | 1019.222 | 1019.096 | 1018.970 | 1018.844 | 1018.718 | 1018.592 | 1018.466 | 1018.340 | 1018 |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--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LEGEND :-

| | |
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| PROPOSED CENTRE LINE | : - - - - - |
| PROPOSED CARRIAGEWAY LINE | : - - - - - |
| PROPOSED PAVED LINE | : ———— |
| PROPOSED EARTHEN LINE | : ———— |
| PROPOSED DRAIN | : ———— |
| EXISTING ROW LINE | : ———— |
| PROPOSED ROW LINE | : ———— |
| EXISTING CARRIAGEWAY | : ———— |
| DESIGN CHAINAGE:- | : 0+000 |
| SURVEY CHAINAGE:- | : 0+000 |

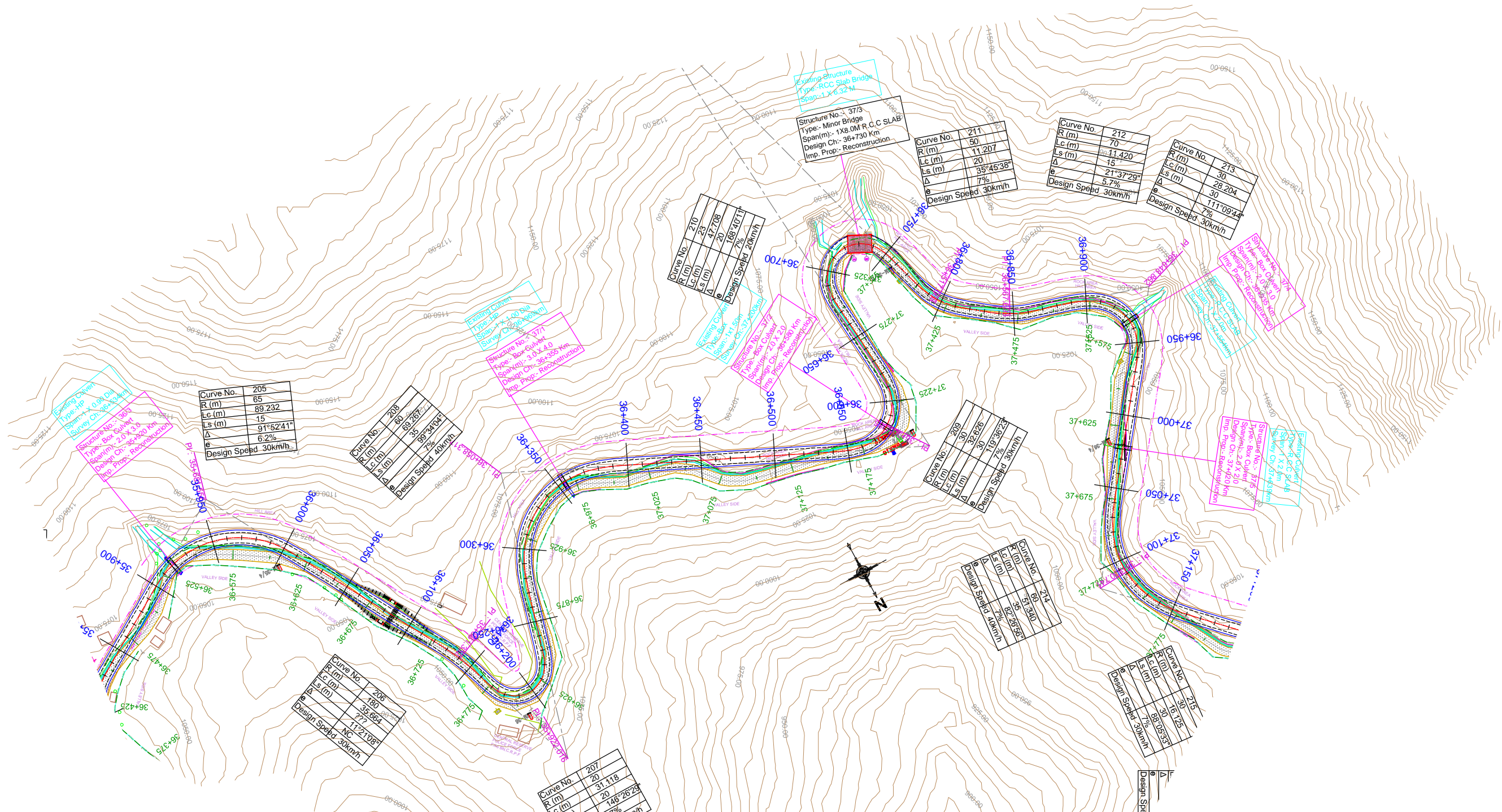
| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|---------------------------------------|--|--|--|--|--|--|--|--|--|---|--|--|--|--|
| Scale :- H - 1:2500 | | | | | CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001 | | | | | TITLE: PLAN Km 34+000 to Km 35+000 | | | | | CONSULTANT: CE TESTING COMPANY PVT. LTD. 124-A, N.S.C. Bose Road, Kolkata - 700092. | | | | | DWG NO :- CET/4047/NHIDCL/NH-37/I-J/DDPR/PP | | | | |
| PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING WITH PAVED SHOULDER OF IMPHAL-JIRIBAM SECTION OF NH-37 (NH-53) (LENGTH- 220 KM) IN THE STATE OF MANIPUR | | | | | SUBMISSION TYPE: DRAFT DETAIL PROJECT REPORT | | | | | REVISION MKD. - R2 | | | | | SHEET NO. - 02 | | | | | | | | | |
| DATE: FEB, 2021 | | | | | DRAWN BY: P. GHOSH | | | | | DESIGNED BY: B. DAS | | | | | CHECKED BY: A. DEY | | | | | ISSUED BY: A. K. DAS | | | | |
| REVISIONS | | | | | | | | | | | | | | | | | | | | | | | | |



LEGEND :-

| | |
|---------------------------|-----------------|
| PROPOSED CENTRE LINE | : - - - - - |
| PROPOSED CARRIAGEWAY LINE | : - - - - - |
| PROPOSED PAVED LINE | : ———— |
| PROPOSED EARTHEN LINE | : ———— |
| PROPOSED DRAIN | : ———— |
| EXISTING ROW LINE | : - - - - - |
| PROPOSED ROW LINE | : - - - - - |
| EXISTING CARRIAGEWAY | : [Hatched Box] |
| DESIGN CHAINAGE:- | : 0+000 |
| SURVEY CHAINAGE:- | : 0+000 |

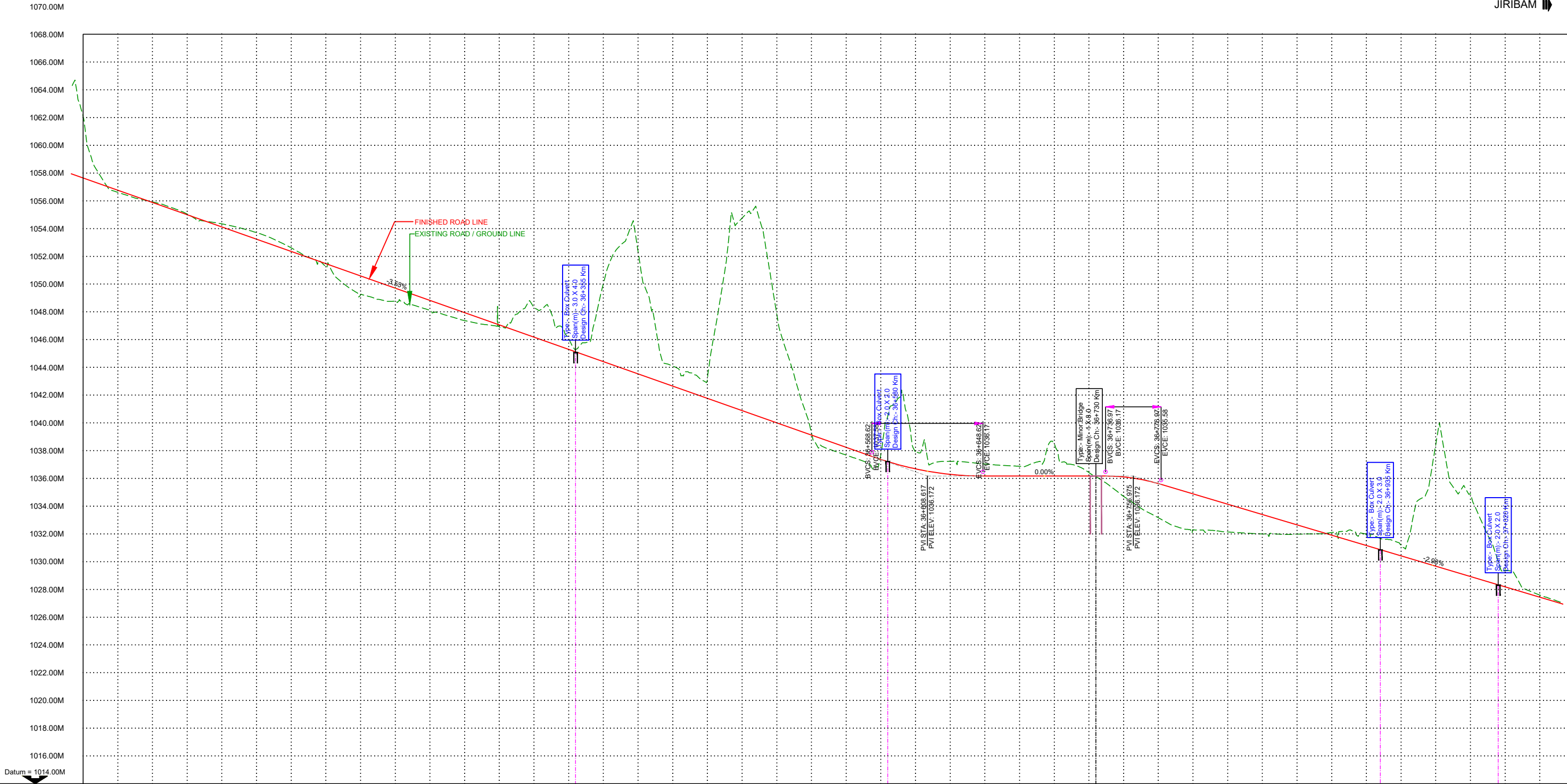
| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|
| Scale :- H-1:2500 | | | | | CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001 | | | | | TITLE: PLAN Km 35+000 to Km 36+000 | | | | | CONSULTANT: CE TESTING COMPANY PVT. LTD. 124-A, N.S.C. Bose Road, Kolkata - 700092. | | | | | DWG NO :- CET/4047/NHIDCL/NH-37/I-J/DDPR/PP REVISION MKD. - R2 SHEET NO. - 03 | | | | |
| PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING WITH PAVED SHOULDER OF IMPHAL-JIRIBAM SECTION OF NH-37 (NH-53) (LENGTH- 220 KM) IN THE STATE OF MANIPUR | | | | | SUBMISSION TYPE : DRAFT DETAIL PROJECT REPORT (PACKAGE NO. III) | | | | | Drawn By: P. Ghosh Designed By: B. Das Checked By: A. DeY Issued By: A. K. Das | | | | | | | | | | | | | | |
| DATE: FEB, 2021 | | | | | | | | | | | | | | | | | | | | | | | | |
| MKD. DATE DESCRIPTION CHKD. APPRD. | | | | | | | | | | | | | | | | | | | | | | | | |
| REVISIONS | | | | | | | | | | | | | | | | | | | | | | | | |



LEGEND :-

| | |
|---------------------------|-------------|
| PROPOSED CENTRE LINE | : - - - - - |
| PROPOSED CARRIAGEWAY LINE | : - - - - - |
| PROPOSED PAVED LINE | : - - - - - |
| PROPOSED EARTHEN LINE | : - - - - - |
| PROPOSED DRAIN | : - - - - - |
| EXISTING ROW LINE | : - - - - - |
| PROPOSED ROW LINE | : - - - - - |
| EXISTING CARRIAGEWAY | : - - - - - |
| DESIGN CHAINAGE:- | : 0+000 |
| SURVEY CHAINAGE:- | : 0+000 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--------------------|--|--|--|--|----------------------|--|--|--|--|
| Scale :- H - 1:2500 | | | | | CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001 | | | | | TITLE: PLAN Km 36+000 to Km 37+000 | | | | | CONSULTANT: CE TESTING COMPANY PVT. LTD. 124-A, N.S.C. Bose Road, Kolkata - 700092. | | | | | DWG NO :- CET/4047/NHIDCL/NH-37/I-J/DDPR/PP | | | | | | | | | | | | | | |
| DATE: FEB, 2021 | | | | | PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING WITH PAVED SHOULDER OF IMPHAL-JIRIBAM SECTION OF NH-37 (NH-53) (LENGTH- 220 KM) IN THE STATE OF MANIPUR | | | | | SUBMISSION TYPE: DRAFT DETAIL PROJECT REPORT | | | | | REVISION MKD. - R2 | | | | | SHEET NO. - 04 | | | | | | | | | | | | | | |
| REVISIONS | | | | | | | | | | | | | | | Drawn By: P. Ghosh | | | | | Designed By: B. DAS | | | | | Checked By: A. DEY | | | | | Issued By: A. K. DAS | | | | |

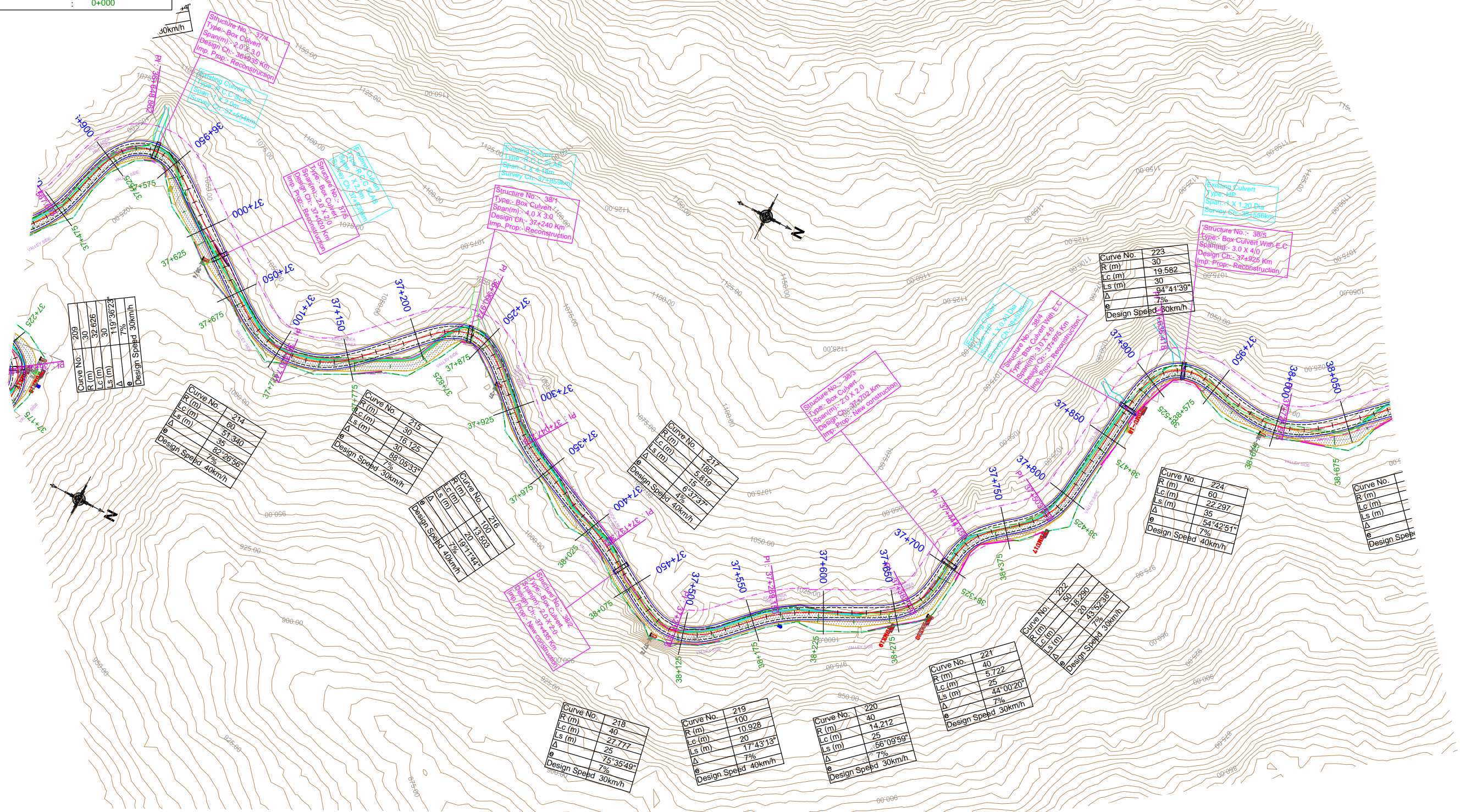


Datum = 1014.00M

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---------|-------|
| FINISHED ROAD LEVEL ALONG THE PROPOSED CL. | 1057.654 | 1056.772 | 1055.889 | 1055.007 | 1054.125 | 1053.242 | 1052.360 | 1051.477 | 1050.595 | 1049.712 | 1048.830 | 1047.948 | 1047.065 | 1046.183 | 1045.300 | 1044.418 | 1043.536 | 1042.653 | 1041.771 | 1040.888 | 1040.006 | 1039.123 | 1038.241 | 1037.358 | 1036.476 | 1035.594 | 1034.712 | 1033.829 | 1032.947 | 1032.065 | 1031.183 | 1030.301 | 1029.419 | 1028.537 | 1027.655 | 1026.773 | 1025.891 | 1025.009 | 1024.127 | 1023.245 | 1022.363 | 1021.481 | 1020.599 | 1019.717 | 1018.835 | 1017.953 | 1017.071 | 1016.189 | 1015.307 | 1014.425 | 1013.543 | 1012.661 | 1011.779 | 1010.897 | 1010.015 | 1009.133 | 1008.251 | 1007.369 | 1006.487 | 1005.605 | 1004.723 | 1003.841 | 1002.959 | 1002.077 | 1001.195 | 1000.313 | 999.431 | 998.549 | 997.667 | 996.785 | 995.903 | 995.021 | 994.139 | 993.257 | 992.375 | 991.493 | 990.611 | 989.729 | 988.847 | 987.965 | 987.083 | 986.201 | 985.319 | 984.437 | 983.555 | 982.673 | 981.791 | 980.909 | 980.027 | 979.145 | 978.263 | 977.381 | 976.499 | 975.617 | 974.735 | 973.853 | 972.971 | 972.089 | 971.207 | 970.325 | 969.443 | 968.561 | 967.679 | 966.797 | 965.915 | 965.033 | 964.151 | 963.269 | 962.387 | 961.505 | 960.623 | 959.741 | 958.859 | 957.977 | 957.095 | 956.213 | 955.331 | 954.449 | 953.567 | 952.685 | 951.803 | 950.921 | 950.039 | 949.157 | 948.275 | 947.393 | 946.511 | 945.629 | 944.747 | 943.865 | 942.983 | 942.101 | 941.219 | 940.337 | 939.455 | 938.573 | 937.691 | 936.809 | 935.927 | 935.045 | 934.163 | 933.281 | 932.399 | 931.517 | 930.635 | 929.753 | 928.871 | 927.989 | 927.107 | 926.225 | 925.343 | 924.461 | 923.579 | 922.697 | 921.815 | 920.933 | 920.051 | 919.169 | 918.287 | 917.405 | 916.523 | 915.641 | 914.759 | 913.877 | 912.995 | 912.113 | 911.231 | 910.349 | 909.467 | 908.585 | 907.703 | 906.821 | 905.939 | 905.057 | 904.175 | 903.293 | 902.411 | 901.529 | 900.647 | 899.765 | 898.883 | 897.901 | 897.019 | 896.137 | 895.255 | 894.373 | 893.491 | 892.609 | 891.727 | 890.845 | 889.963 | 889.081 | 888.199 | 887.317 | 886.435 | 885.553 | 884.671 | 883.789 | 882.907 | 882.025 | 881.143 | 880.261 | 879.379 | 878.497 | 877.615 | 876.733 | 875.851 | 874.969 | 874.087 | 873.205 | 872.323 | 871.441 | 870.559 | 869.677 | 868.795 | 867.913 | 867.031 | 866.149 | 865.267 | 864.385 | 863.503 | 862.621 | 861.739 | 860.857 | 859.975 | 859.093 | 858.211 | 857.329 | 856.447 | 855.565 | 854.683 | 853.801 | 852.919 | 852.037 | 851.155 | 850.273 | 849.391 | 848.509 | 847.627 | 846.745 | 845.863 | 844.981 | 844.099 | 843.217 | 842.335 | 841.453 | 840.571 | 839.689 | 838.807 | 837.925 | 837.043 | 836.161 | 835.279 | 834.397 | 833.515 | 832.633 | 831.751 | 830.869 | 829.987 | 829.105 | 828.223 | 827.341 | 826.459 | 825.577 | 824.695 | 823.813 | 822.931 | 822.049 | 821.167 | 820.285 | 819.403 | 818.521 | 817.639 | 816.757 | 815.875 | 814.993 | 814.111 | 813.229 | 812.347 | 811.465 | 810.583 | 809.701 | 808.819 | 807.937 | 807.055 | 806.173 | 805.291 | 804.409 | 803.527 | 802.645 | 801.763 | 800.881 | 799.999 | 799.117 | 798.235 | 797.353 | 796.471 | 795.589 | 794.707 | 793.825 | 792.943 | 792.061 | 791.179 | 790.297 | 789.415 | 788.533 | 787.651 | 786.769 | 785.887 | 785.005 | 784.123 | 783.241 | 782.359 | 781.477 | 780.595 | 779.713 | 778.831 | 777.949 | 777.067 | 776.185 | 775.303 | 774.421 | 773.539 | 772.657 | 771.775 | 770.893 | 770.011 | 769.129 | 768.247 | 767.365 | 766.483 | 765.601 | 764.719 | 763.837 | 762.955 | 762.073 | 761.191 | 760.309 | 759.427 | 758.545 | 757.663 | 756.781 | 755.899 | 755.017 | 754.135 | 753.253 | 752.371 | 751.489 | 750.607 | 749.725 | 748.843 | 747.961 | 747.079 | 746.197 | 745.315 | 744.433 | 743.551 | 742.669 | 741.787 | 740.905 | 740.023 | 739.141 | 738.259 | 737.377 | 736.495 | 735.613 | 734.731 | 733.849 | 732.967 | 732.085 | 731.203 | 730.321 | 729.439 | 728.557 | 727.675 | 726.793 | 725.911 | 725.029 | 724.147 | 723.265 | 722.383 | 721.501 | 720.619 | 719.737 | 718.855 | 717.973 | 717.091 | 716.209 | 715.327 | 714.445 | 713.563 | 712.681 | 711.799 | 710.917 | 710.035 | 709.153 | 708.271 | 707.389 | 706.507 | 705.625 | 704.743 | 703.861 | 702.979 | 702.097 | 701.215 | 700.333 | 699.451 | 698.569 | 697.687 | 696.805 | 695.923 | 695.041 | 694.159 | 693.277 | 692.395 | 691.513 | 690.631 | 689.749 | 688.867 | 687.985 | 687.103 | 686.221 | 685.339 | 684.457 | 683.575 | 682.693 | 681.811 | 680.929 | 680.047 | 679.165 | 678.283 | 677.401 | 676.519 | 675.637 | 674.755 | 673.873 | 672.991 | 672.109 | 671.227 | 670.345 | 669.463 | 668.581 | 667.699 | 666.817 | 665.935 | 665.053 | 664.171 | 663.289 | 662.407 | 661.525 | 660.643 | 659.761 | 658.879 | 657.997 | 657.115 | 656.233 | 655.351 | 654.469 | 653.587 | 652.705 | 651.823 | 650.941 | 650.059 | 649.177 | 648.295 | 647.413 | 646.531 | 645.649 | 644.767 | 643.885 | 643.003 | 642.121 | 641.239 | 640.357 | 639.475 | 638.593 | 637.711 | 636.829 | 635.947 | 635.065 | 634.183 | 633.301 | 632.419 | 631.537 | 630.655 | 629.773 | 628.891 | 628.009 | 627.127 | 626.245 | 625.363 | 624.481 | 623.599 | 622.717 | 621.835 | 620.953 | 620.071 | 619.189 | 618.307 | 617.425 | 616.543 | 615.661 | 614.779 | 613.897 | 613.015 | 612.133 | 611.251 | 610.369 | 609.487 | 608.605 | 607.723 | 606.841 | 605.959 | 605.077 | 604.195 | 603.313 | 602.431 | 601.549 | 600.667 | 599.785 | 598.903 | 598.021 | 597.139 | 596.257 | 595.375 | 594.493 | 593.611 | 592.729 | 591.847 | 590.965 | 590.083 | 589.201 | 588.319 | 587.437 | 586.555 | 585.673 | 584.791 | 583.909 | 583.027 | 582.145 | 581.263 | 580.381 | 579.499 | 578.617 | 577.735 | 576.853 | 575.971 | 575.089 | 574.207 | 573.325 | 572.443 | 571.561 | 570.679 | 569.797 | 568.915 | 568.033 | 567.151 | 566.269 | 565.387 | 564.505 | 563.623 | 562.741 | 561.859 | 560.977 | 560.095 | 559.213 | 558.331 | 557.449 | 556.567 | 555.685 | 554.803 | 553.921 | 553.039 | 552.157 | 551.275 | 550.393 | 549.511 | 548.629 | 547.747 | 546.865 | 545.983 | 545.101 | 544.219 | 543.337 | 542.455 | 541.573 | 540.691 | 539.809 | 538.927 | 538.045 | 537.163 | 536.281 | 535.399 | 534.517 | 533.635 | 532.753 | 531.871 | 530.989 | 530.107 | 529.225 | 528.343 | 527.461 | 526.579 | 525.697 | 524.815 | 523.933 | 523.051 | 522.169 | 521.287 | 520.405 | 519.523 | 518.641 | 517.759 | 516.877 | 515.995 | 515.113 | 514.231 | 513.349 | 512.467 | 511.585 | 510.703 | 509.821 | 508.939 | 508.057 | 507.175 | 506.293 | 505.411 | 504.529 | 503.647 | 502.765 | 501.883 | 501.001 | 500.119 | 499.237 | 498.355 | 497.473 | 496.591 | 495.709 | 494.827 | 493.945 | 493.063 | 492.181 | 491.299 | 490.417 | 489.535 | 488.653 | 487.771 | 486.889 | 486.007 | 485.125 | 484.243 | 483.361 | 482.479 | 481.597 | 480.715 | 479.833 | 478.951 | 478.069 | 477.187 | 476.305 | 475.423 | 474.541 | 473.659 | 472.777 | 471.895 | 471.013 | 470.131 | 469.249 | 468.367 | 467.485 | 466.603 | 465.721 | 464.839 | 463.957 | 463.075 | 462.193 | 461.311 | 460.429 | 459.547 | 458.665 | 457.783 | 456.901 | 456.019 | 455.137 | 454.255 | 453.373 | 452.491 | 451.609 | 450.727 | 449.845 | 448.963 | 448.081 | 447.199 | 446.317 | 445.435 | 444.553 | 443.671 | 442.789 | 441.907 | 441.025 | 440.143 | 439.261 | 438.379 | 437.497 | 436.615 | 435.733 | 434.851 | 433.969 | 433.087 | 432.205 | 431.323 | 430.441 | 429.559 | 428.677 | 427.795 | 426.913 | 426.031 | 425.149 | 424.267 | 423.385 | 422.503 | 421.621 | 420.739 | 419.857 | 418.975 | 418.093 | 417.211 | 416.329 | 415.447 | 414.565 | 413.683 | 412.801 | 411.919 | 411.037 | 410.155 | 409.273 | 408.391 | 407.509 | 406.627 | 405.745 | 404.863 | 403.981 | 403.099 | 402.217 | 401.335 | 400.453 | 399.571 | 398.689 | 397.807 | 396.925 | 396.043 | 395.161 | 394.279 | 393.397 | 392.515 | 391.633 | 390.751 | 389.869 | 388.987 | 388.105 | 387.223 | 386.341 | 385.459 | 384.577 | 383.695 | 382.813 | 381.931 | 381.049 | 380.167 | 379.285 | 378.403 | 377.521 | 376.639 | 375.757 | 374.875 | 373.993 | 373.111 | 372.229 | 371.347 | 370.465 | 369.583 | 368.701 | 367.819 | 366.937 | 366.055 | 365.173 | 364.291 | 363.409 | 362.527 | 361.645 | 360.763 | 359.881 | 358.999 | 358.117 | 357.235 | 356.353 | 355.471 | 354.589 | 353.707 | 352.825 | 351.943 | 351.061 | 350.179 | 349.297 | 348.415 | 347.533 | 346.651 | 345.769 | 344.887 | 344.005 | 343.123 | 342.241 | 341.359 | 340.477 | 339.595 | 338.713 | 337.831 | 336.949 | 336.067 | 335.185 | 334.303 | 333.421 | 332.539 | 331.657 | 330.775 | 329.893 | 329.011 | 328.129 | 327.247 | 326.365 | 325.483 | 324.601 | 323.719 | 322.837 | 321.955 | 321.073 | 320.191 | 319.309 | 318.427 | 317.545 | 316.663 | 315.781 | 314.899 | 314.017 | 313.135 | 312.253 | 311.371 | 310.489 | 309.607 | 308.725 | 307.843 | 306.961 | 306.079 | 305.197 | 304.315 | 303.433 | 302.551 | 301.669 | 300.787 | 299.905 | 299.023 | 298.141 | 297.259 | 296.377 | 295.495 | 294.613 | 293.731 | 292.849 | 291.967 | 291.085 | 290.203 | 289.321 | 288.439 | 287.557 | 286.675 | 285.793 | 284.911 | 284.029 | 283.147 | 282.265 | 281.383 | 280.501 | 279.619 | 278.737 | 277.855 | 276.973 | 276.091 | 275.209 | 274.327 | 273.445 | 272.563 | 271.681 | 270.799 | 269.917 | 269.035 | 268.153 | 267.271 | 266.389 | 265.507 | 264.625 | 263.743 | 262.861 | 261.979 | 261.097 | 260.215 | 259.333 | 258.451 | 257.569 | 256.687 | 255.805 | 254.923 | 254.041 | 253.159 | 252.277 | 251.395 | 250.513 | 249.631 | 248.749 | 247.867 | 246.985 | 246.103 | 245.221 | 244.339 | 243.457 | 242.575 | 241.693 | 240.811 | 239.929 | 239.047 | 238.165 | 237.283 | 236.401 | 235.519 | 234.637 | 233.755 | 232.873 | 231.991 | 231.109 | 230.227 | 229.345 | 228.463 | 227.581 | 226.699 | 225.817 | 224.935 | 224.053 | 223.171 | 222.289 | 221.407 | 220.525 | 219.643 | 218.761 | 217.879 | 216.997 | 216.115 | 215.233 | 214.351 | 213.469 | 212.587 | 211.705 | 210.823 | 209.941 | 209.059 | 208.177 | 207.295 | 206.413 | 205.531 | 204.649 | 203.767 | 202.885 | 202.003 | 201.121 | 200.239 | 199.357 | 198.475 | 197.593 | 196.711 | 195.829 | 194.947 | 194.065 | 193.183 | 192.301 | 191.419 | 190.537 | 189.655 | 188.773 | 187.891 | 187.009 | 186.127 | 185.245 | 184.363 | 183.481 | 182.599 | 181.717 | 180.8 |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|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LEGEND :-

| | |
|---------------------------|-------|
| PROPOSED CENTRE LINE | --- |
| PROPOSED CARRIAGEWAY LINE | --- |
| PROPOSED PAVED LINE | --- |
| PROPOSED EARTHEN LINE | --- |
| PROPOSED DRAIN | --- |
| EXISTING ROW LINE | --- |
| PROPOSED ROW LINE | --- |
| EXISTING CARRIAGEWAY | --- |
| DESIGN CHAINAGE:- | 0+000 |
| SURVEY CHAINAGE:- | 0+000 |



| | | | | |
|-----------|------|-------------|-------|--------|
| MKD. | DATE | DESCRIPTION | CHKD. | APPRD. |
| REVISIONS | | | | |

Scale :-
H - 1:2500

DATE:
FEB, 2021

CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.
PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001

PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING WITH PAVED SHOULDER OF IMPHAL-JIRIBAM SECTION OF NH-37 (NH-53) (LENGTH- 220 KM) IN THE STATE OF MANIPUR

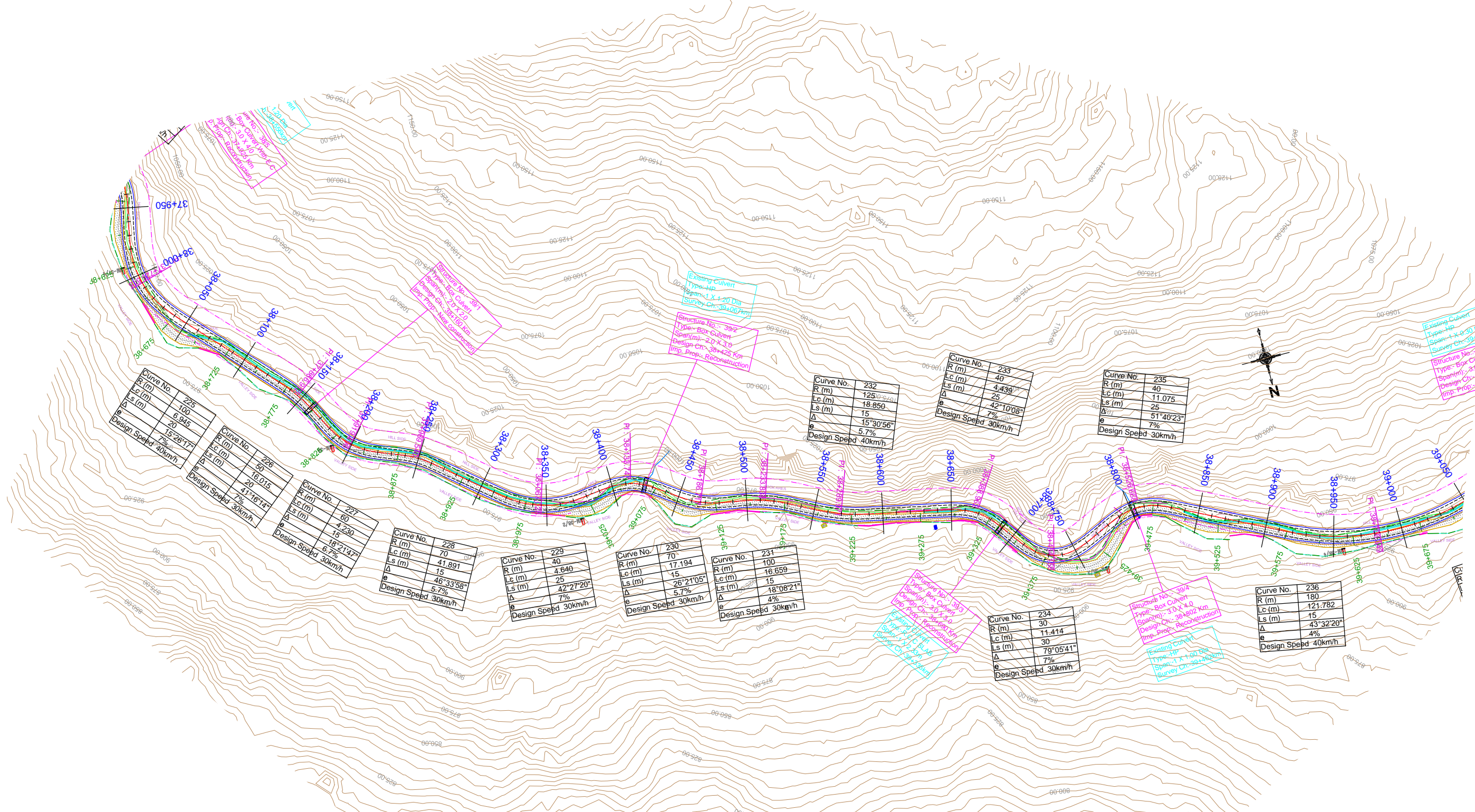
TITLE: PLAN
Km 37+000 to Km 38+000

SUBMISSION TYPE :
DRAFT DETAIL PROJECT REPORT

(PACKAGE NO. III)

CONSULTANT :
CE TEST COMPANY PVT. LTD.
124-A, N.S.C. Bose Road, Kolkata - 700092.

| | | | | | |
|---|-------------|--------------------|-----------|----------------|--|
| DWG NO :- CET/4047/NHIDCL/NH-37/I-J/DDPR/PP | | REVISION MKD. - R2 | | SHEET NO. - 05 | |
| Drawn By | Designed By | Checked By | Issued By | | |
| S.MANDAL | B. DAS | A.DEY | A. K.DAS | | |



| | |
|--------------|-----------|
| Curve No. | 225 |
| R (m) | 100 |
| Lc (m) | 6.945 |
| Ls (m) | 20 |
| Δ | 15°26'17" |
| e | 7% |
| Design Speed | 40km/h |

| | |
|--------------|-----------|
| Curve No. | 226 |
| R (m) | 50 |
| Lc (m) | 16.015 |
| Ls (m) | 20 |
| Δ | 41°16'14" |
| e | 7% |
| Design Speed | 30km/h |

| | |
|--------------|-----------|
| Curve No. | 227 |
| R (m) | 60 |
| Lc (m) | 4.230 |
| Ls (m) | 15 |
| Δ | 18°21'47" |
| e | 6.7% |
| Design Speed | 30km/h |

| | |
|--------------|-----------|
| Curve No. | 228 |
| R (m) | 70 |
| Lc (m) | 41.891 |
| Ls (m) | 15 |
| Δ | 46°33'58" |
| e | 5.7% |
| Design Speed | 30km/h |

| | |
|--------------|-----------|
| Curve No. | 229 |
| R (m) | 40 |
| Lc (m) | 4.640 |
| Ls (m) | 25 |
| Δ | 42°27'20" |
| e | 7% |
| Design Speed | 30km/h |

| | |
|--------------|-----------|
| Curve No. | 230 |
| R (m) | 70 |
| Lc (m) | 17.194 |
| Ls (m) | 15 |
| Δ | 26°21'05" |
| e | 5.7% |
| Design Speed | 30km/h |

| | |
|--------------|-----------|
| Curve No. | 231 |
| R (m) | 100 |
| Lc (m) | 16.659 |
| Ls (m) | 15 |
| Δ | 18°08'21" |
| e | 4% |
| Design Speed | 30km/h |

| | |
|--------------|-----------|
| Curve No. | 232 |
| R (m) | 125 |
| Lc (m) | 18.850 |
| Ls (m) | 15 |
| Δ | 15°30'56" |
| e | 5.7% |
| Design Speed | 40km/h |

| | |
|--------------|-----------|
| Curve No. | 233 |
| R (m) | 40 |
| Lc (m) | 4.439 |
| Ls (m) | 25 |
| Δ | 42°10'08" |
| e | 7% |
| Design Speed | 30km/h |

| | |
|--------------|-----------|
| Curve No. | 235 |
| R (m) | 40 |
| Lc (m) | 11.075 |
| Ls (m) | 25 |
| Δ | 51°40'23" |
| e | 7% |
| Design Speed | 30km/h |

| | |
|--------------|-----------|
| Curve No. | 234 |
| R (m) | 30 |
| Lc (m) | 11.414 |
| Ls (m) | 30 |
| Δ | 79°05'41" |
| e | 7% |
| Design Speed | 30km/h |

| | |
|--------------|-----------|
| Curve No. | 236 |
| R (m) | 180 |
| Lc (m) | 121.782 |
| Ls (m) | 15 |
| Δ | 43°32'20" |
| e | 4% |
| Design Speed | 40km/h |

LEGEND :-

| | |
|---------------------------|-------|
| PROPOSED CENTRE LINE | --- |
| PROPOSED CARRIAGEWAY LINE | --- |
| PROPOSED PAVED LINE | --- |
| PROPOSED EARTHEN LINE | --- |
| PROPOSED DRAIN | --- |
| EXISTING ROW LINE | --- |
| PROPOSED ROW LINE | --- |
| EXISTING CARRIAGEWAY | --- |
| DESIGN CHAINAGE:- | 0+000 |
| SURVEY CHAINAGE:- | 0+000 |

| | | | | |
|-----------|------|-------------|-------|--------|
| MKD. | DATE | DESCRIPTION | CHKD. | APPRD. |
| REVISIONS | | | | |

Scale :-
H - 1:2500

DATE: FEB, 2021

CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.
PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001

PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING WITH PAVED SHOULDER OF IMPHAL-JIRIBAM SECTION OF NH-37 (NH-53) (LENGTH- 220 KM) IN THE STATE OF MANIPUR

TITLE: PLAN
Km 38+000 to Km 39+000

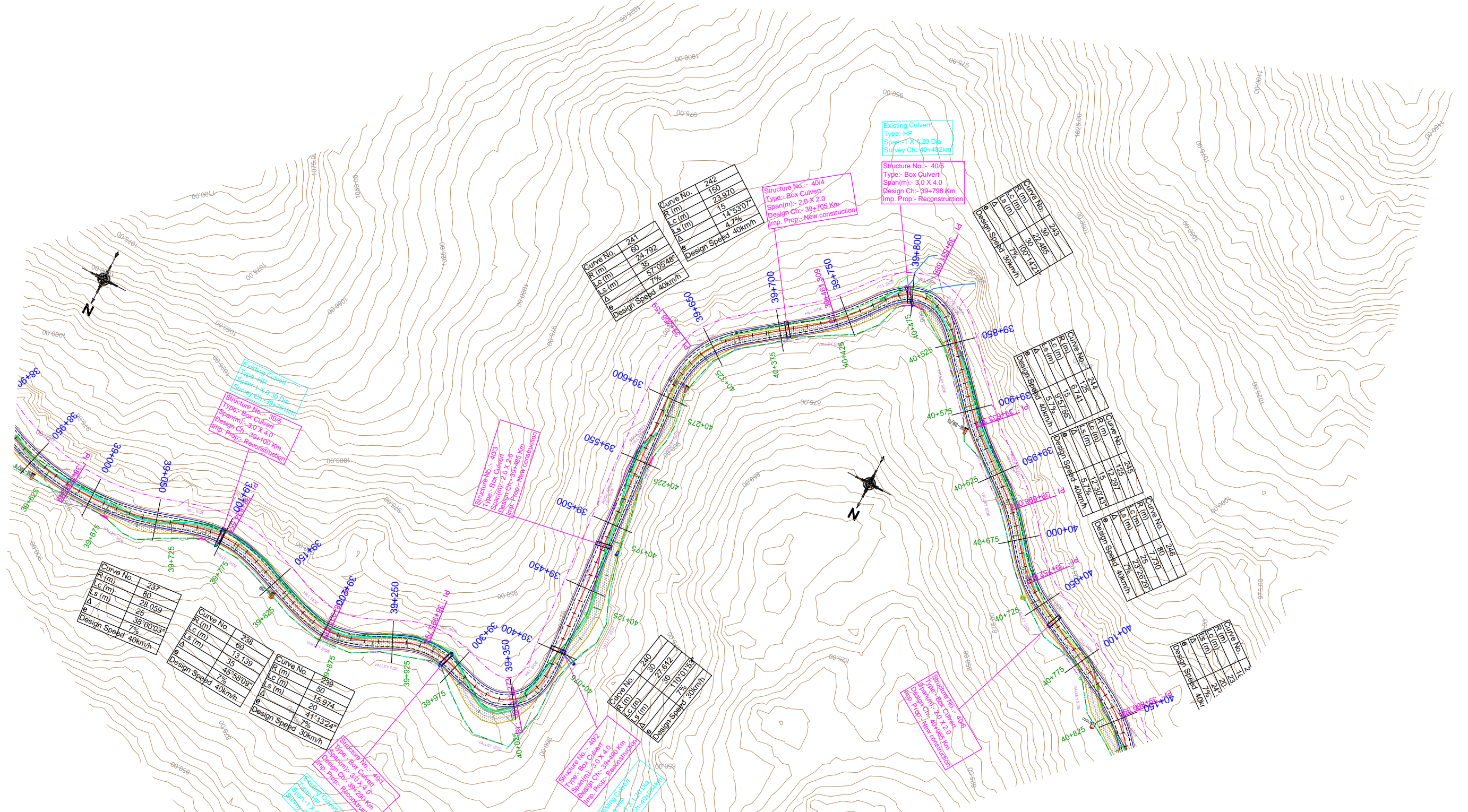
SUBMISSION TYPE :
DRAFT DETAIL PROJECT REPORT
(PACKAGE NO. III)

CONSULTANT :
CE TESTING COMPANY PVT. LTD.
124-A, N.S.C. Bose Road, Kolkata - 700092.

DWG NO :-CET/4047/NHIDCL/NH-37/I-J/DDPR/PP


REVISION MKD. - R2 SHEET NO. - 06

| | | | |
|----------|-------------|------------|-----------|
| Drawn By | Designed By | Checked By | Issued By |
| S.MANDAL | B. DAS | A.DEY | A. K.DAS |



| MKD. | DATE | DESCRIPTION | CHKD. | APPRD. |
|-----------|------|-------------|-------|--------|
| REVISIONS | | | | |

Scale :-
H - 1:2500



DATE: FEB, 2021

CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.
PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001

PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING WITH PAVED SHOULDER OF IMPHAL-JIRIBAM SECTION OF NH-37 (NH-53) (LENGTH- 220 KM) IN THE STATE OF MANIPUR

TITLE: PLAN
Km 39+000 to Km 40+000

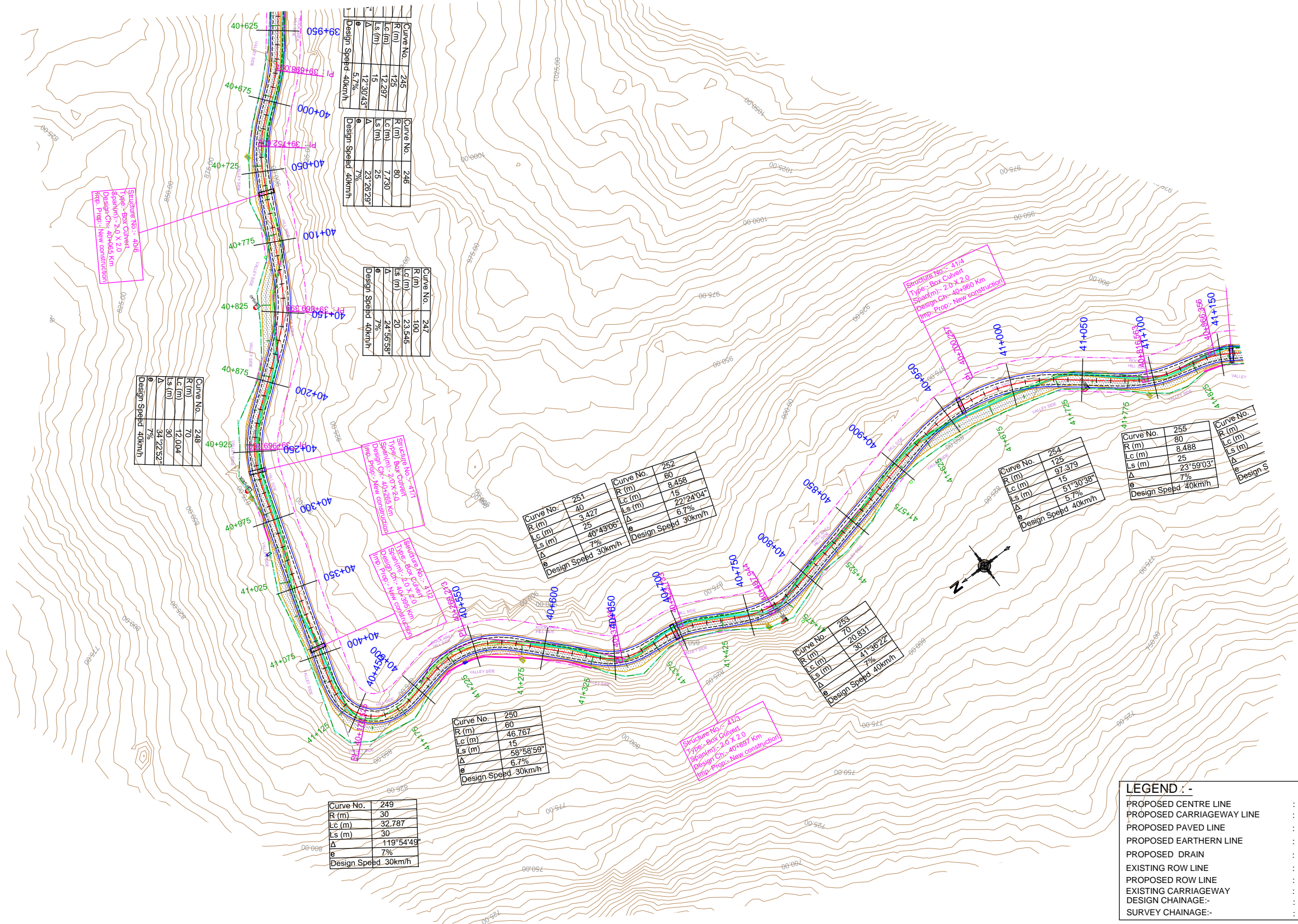
SUBMISSION TYPE: DRAFT DETAIL PROJECT REPORT

(PACKAGE NO. III)

CONSULTANT: CE TESTING COMPANY PVT. LTD.
124-A, N.S.C. Bose Road, Kolkata - 700092.




| | | | | | |
|--|-------------|--------------------|-----------|----------------|--|
| DWG NO :-CET/4047/NHIDCL/NH-37/I-I/DDPR/PP | | REVISION MKD. - R2 | | SHEET NO. - 07 | |
| Drawn By | Designed By | Checked By | Issued By | | |
| S.MANDAL | B. DAS | A.DEY | A. K.DAS | | |



LEGEND :-

| | |
|---------------------------|-------------|
| PROPOSED CENTRE LINE | : - - - - - |
| PROPOSED CARRIAGEWAY LINE | : - - - - - |
| PROPOSED PAVED LINE | : ———— |
| PROPOSED EARTHEN LINE | : ———— |
| PROPOSED DRAIN | : ———— |
| EXISTING ROW LINE | : ———— |
| PROPOSED ROW LINE | : ———— |
| EXISTING CARRIAGEWAY | : ———— |
| DESIGN CHAINAGE:- | : 0+000 |
| SURVEY CHAINAGE:- | : 0+000 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|---------------------------------------|--|--|--|--|--|--|--|--|--|---|--|--|--|--|
| Scale :- H - 1:2500 | | | | | CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001 | | | | | TITLE: PLAN Km 40+000 to Km 41+000 | | | | | CONSULTANT: CE TESTING COMPANY PVT. LTD. 124-A, N.S.C. Bose Road, Kolkata - 700092. | | | | | DWG NO :- CET/4047/NHIDCL/NH-37/I-I/DDPR/PP | | | | |
| PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING WITH PAVED SHOULDER OF IMPHAL-JIRIBAM SECTION OF NH-37 (NH-53) (LENGTH- 220 KM) IN THE STATE OF MANIPUR | | | | | SUBMISSION TYPE: DRAFT DETAIL PROJECT REPORT | | | | | (PACKAGE NO. III) | | | | | REVISION MKD. - R2 | | | | | | | | | |
| DATE: FEB, 2021 | | | | | DRAWN BY: S.MANDAL | | | | | DESIGNED BY: B. DAS | | | | | CHECKED BY: A.DEY | | | | | ISSUED BY: A. K.DAS | | | | |
| REVISIONS | | | | | | | | | | | | | | | | | | | | | | | | |

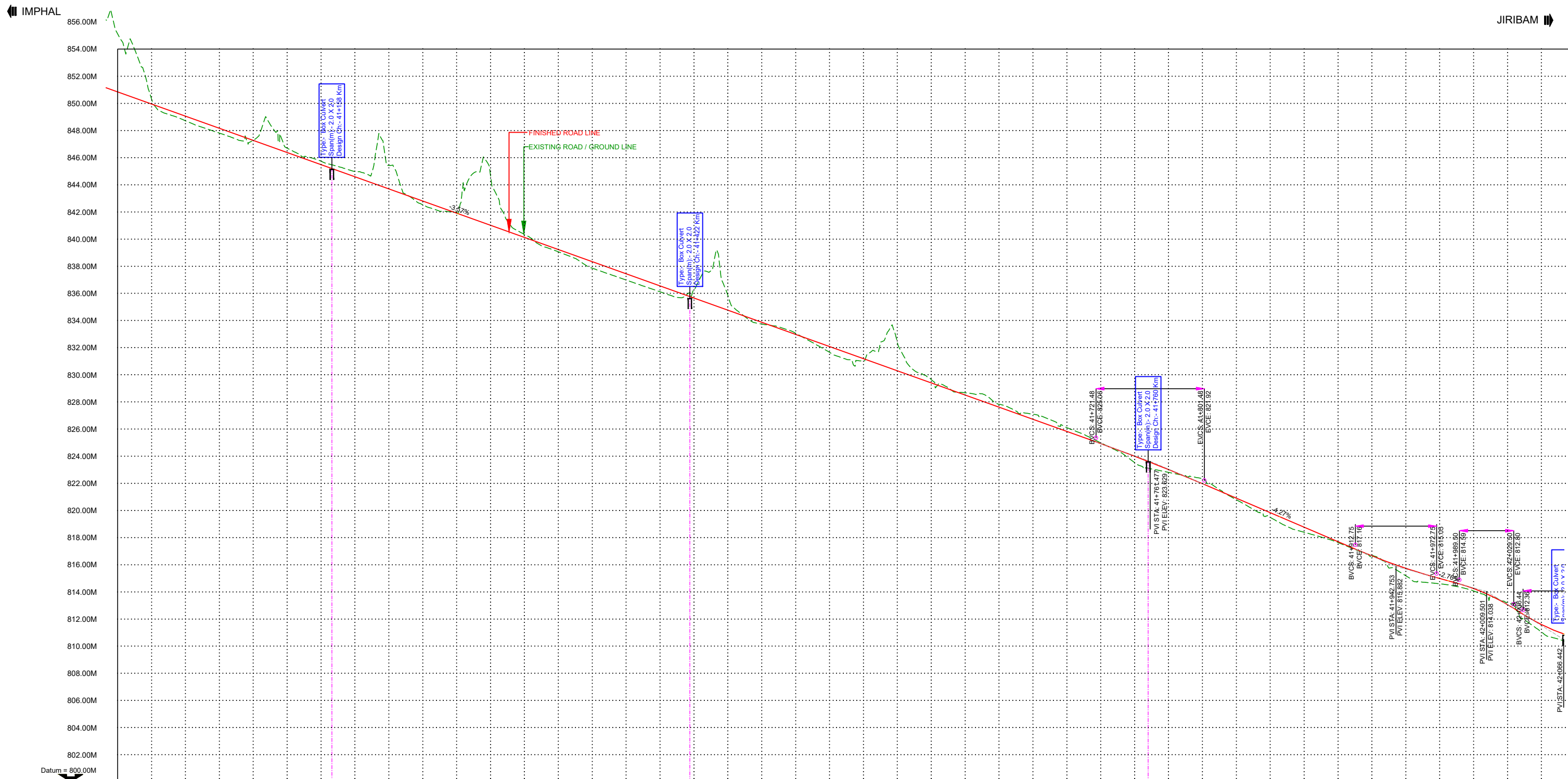


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| FINISHED ROAD LEVEL ALONG THE PROPOSED CL. | 894.020 | 892.875 | 891.731 | 890.586 | 889.442 | 888.298 | 887.153 | 886.009 | 884.864 | 883.720 | 882.576 | 881.431 | 880.287 | 879.142 | 877.998 | 876.854 | 875.709 | 874.565 | 873.420 | 872.276 | 871.132 | 869.987 | 868.843 | 867.698 | 866.554 | 865.410 | 864.265 | 863.121 | 861.976 | 860.832 | 859.687 | 858.543 | 857.398 | 856.254 | 855.109 | 853.964 | 852.820 | 851.675 | 850.530 | 849.386 | 848.241 | 847.097 | 845.952 | 844.808 | 843.663 | 842.518 | 841.373 | 840.229 | 839.084 | 837.939 | 836.794 | 835.649 | 834.504 | 833.359 | 832.214 | 831.069 | 829.924 | 828.779 | 827.634 | 826.489 | 825.344 | 824.199 | 823.054 | 821.909 | 820.764 | 819.619 | 818.474 | 817.329 | 816.184 | 815.039 | 813.894 | 812.749 | 811.604 | 810.459 | 809.314 | 808.169 | 807.024 | 805.879 | 804.734 | 803.589 | 802.444 | 801.299 | 800.154 | 799.009 | 797.864 | 796.719 | 795.574 | 794.429 | 793.284 | 792.139 | 790.994 | 789.849 | 788.704 | 787.559 | 786.414 | 785.269 | 784.124 | 782.979 | 781.834 | 780.689 | 779.544 | 778.399 | 777.254 | 776.109 | 774.964 | 773.819 | 772.674 | 771.529 | 770.384 | 769.239 | 768.094 | 766.949 | 765.804 | 764.659 | 763.514 | 762.369 | 761.224 | 760.079 | 758.934 | 757.789 | 756.644 | 755.499 | 754.354 | 753.209 | 752.064 | 750.919 | 749.774 | 748.629 | 747.484 | 746.339 | 745.194 | 744.049 | 742.904 | 741.759 | 740.614 | 739.469 | 738.324 | 737.179 | 736.034 | 734.889 | 733.744 | 732.599 | 731.454 | 730.309 | 729.164 | 728.019 | 726.874 | 725.729 | 724.584 | 723.439 | 722.294 | 721.149 | 720.004 | 718.859 | 717.714 | 716.569 | 715.424 | 714.279 | 713.134 | 711.989 | 710.844 | 709.699 | 708.554 | 707.409 | 706.264 | 705.119 | 703.974 | 702.829 | 701.684 | 700.539 | 699.394 | 698.249 | 697.104 | 695.959 | 694.814 | 693.669 | 692.524 | 691.379 | 690.234 | 689.089 | 687.944 | 686.799 | 685.654 | 684.509 | 683.364 | 682.219 | 681.074 | 679.929 | 678.784 | 677.639 | 676.494 | 675.349 | 674.204 | 673.059 | 671.914 | 670.769 | 669.624 | 668.479 | 667.334 | 666.189 | 665.044 | 663.899 | 662.754 | 661.609 | 660.464 | 659.319 | 658.174 | 657.029 | 655.884 | 654.739 | 653.594 | 652.449 | 651.304 | 650.159 | 649.014 | 647.869 | 646.724 | 645.579 | 644.434 | 643.289 | 642.144 | 640.999 | 639.854 | 638.709 | 637.564 | 636.419 | 635.274 | 634.129 | 632.984 | 631.839 | 630.694 | 629.549 | 628.404 | 627.259 | 626.114 | 624.969 | 623.824 | 622.679 | 621.534 | 620.389 | 619.244 | 618.099 | 616.954 | 615.809 | 614.664 | 613.519 | 612.374 | 611.229 | 610.084 | 608.939 | 607.794 | 606.649 | 605.504 | 604.359 | 603.214 | 602.069 | 600.924 | 599.779 | 598.634 | 597.489 | 596.344 | 595.199 | 594.054 | 592.909 | 591.764 | 590.619 | 589.474 | 588.329 | 587.184 | 586.039 | 584.894 | 583.749 | 582.604 | 581.459 | 580.314 | 579.169 | 578.024 | 576.879 | 575.734 | 574.589 | 573.444 | 572.299 | 571.154 | 570.009 | 568.864 | 567.719 | 566.574 | 565.429 | 564.284 | 563.139 | 561.994 | 560.849 | 559.704 | 558.559 | 557.414 | 556.269 | 555.124 | 553.979 | 552.834 | 551.689 | 550.544 | 549.399 | 548.254 | 547.109 | 545.964 | 544.819 | 543.674 | 542.529 | 541.384 | 540.239 | 539.094 | 537.949 | 536.804 | 535.659 | 534.514 | 533.369 | 532.224 | 531.079 | 529.934 | 528.789 | 527.644 | 526.499 | 525.354 | 524.209 | 523.064 | 521.919 | 520.774 | 519.629 | 518.484 | 517.339 | 516.194 | 515.049 | 513.904 | 512.759 | 511.614 | 510.469 | 509.324 | 508.179 | 507.034 | 505.889 | 504.744 | 503.599 | 502.454 | 501.309 | 500.164 | 499.019 | 497.874 | 496.729 | 495.584 | 494.439 | 493.294 | 492.149 | 491.004 | 489.859 | 488.714 | 487.569 | 486.424 | 485.279 | 484.134 | 482.989 | 481.844 | 480.699 | 479.554 | 478.409 | 477.264 | 476.119 | 474.974 | 473.829 | 472.684 | 471.539 | 470.394 | 469.249 | 468.104 | 466.959 | 465.814 | 464.669 | 463.524 | 462.379 | 461.234 | 460.089 | 458.944 | 457.799 | 456.654 | 455.509 | 454.364 | 453.219 | 452.074 | 450.929 | 449.784 | 448.639 | 447.494 | 446.349 | 445.204 | 444.059 | 442.914 | 441.769 | 440.624 | 439.479 | 438.334 | 437.189 | 436.044 | 434.899 | 433.754 | 432.609 | 431.464 | 430.319 | 429.174 | 428.029 | 426.884 | 425.739 | 424.594 | 423.449 | 422.304 | 421.159 | 420.014 | 418.869 | 417.724 | 416.579 | 415.434 | 414.289 | 413.144 | 411.999 | 410.854 | 409.709 | 408.564 | 407.419 | 406.274 | 405.129 | 403.984 | 402.839 | 401.694 | 400.549 | 399.404 | 398.259 | 397.114 | 395.969 | 394.824 | 393.679 | 392.534 | 391.389 | 390.244 | 389.099 | 387.954 | 386.809 | 385.664 | 384.519 | 383.374 | 382.229 | 381.084 | 379.939 | 378.794 | 377.649 | 376.504 | 375.359 | 374.214 | 373.069 | 371.924 | 370.779 | 369.634 | 368.489 | 367.344 | 366.199 | 365.054 | 363.909 | 362.764 | 361.619 | 360.474 | 359.329 | 358.184 | 357.039 | 355.894 | 354.749 | 353.604 | 352.459 | 351.314 | 350.169 | 349.024 | 347.879 | 346.734 | 345.589 | 344.444 | 343.299 | 342.154 | 341.009 | 339.864 | 338.719 | 337.574 | 336.429 | 335.284 | 334.139 | 332.994 | 331.849 | 330.704 | 329.559 | 328.414 | 327.269 | 326.124 | 324.979 | 323.834 | 322.689 | 321.544 | 320.399 | 319.254 | 318.109 | 316.964 | 315.819 | 314.674 | 313.529 | 312.384 | 311.239 | 310.094 | 308.949 | 307.804 | 306.659 | 305.514 | 304.369 | 303.224 | 302.079 | 300.934 | 299.789 | 298.644 | 297.499 | 296.354 | 295.209 | 294.064 | 292.919 | 291.774 | 290.629 | 289.484 | 288.339 | 287.194 | 286.049 | 284.904 | 283.759 | 282.614 | 281.469 | 280.324 | 279.179 | 278.034 | 276.889 | 275.744 | 274.599 | 273.454 | 272.309 | 271.164 | 270.019 | 268.874 | 267.729 | 266.584 | 265.439 | 264.294 | 263.149 | 262.004 | 260.859 | 259.714 | 258.569 | 257.424 | 256.279 | 255.134 | 253.989 | 252.844 | 251.699 | 250.554 | 249.409 | 248.264 | 247.119 | 245.974 | 244.829 | 243.684 | 242.539 | 241.394 | 240.249 | 239.104 | 237.959 | 236.814 | 235.669 | 234.524 | 233.379 | 232.234 | 231.089 | 229.944 | 228.799 | 227.654 | 226.509 | 225.364 | 224.219 | 223.074 | 221.929 | 220.784 | 219.639 | 218.494 | 217.349 | 216.204 | 215.059 | 213.914 | 212.769 | 211.624 | 210.479 | 209.334 | 208.189 | 207.044 | 205.899 | 204.754 | 203.609 | 202.464 | 201.319 | 200.174 | 199.029 | 197.884 | 196.739 | 195.594 | 194.449 | 193.304 | 192.159 | 191.014 | 189.869 | 188.724 | 187.579 | 186.434 | 185.289 | 184.144 | 182.999 | 181.854 | 180.709 | 179.564 | 178.419 | 177.274 | 176.129 | 174.984 | 173.839 | 172.694 | 171.549 | 170.404 | 169.259 | 168.114 | 166.969 | 165.824 | 164.679 | 163.534 | 162.389 | 161.244 | 160.099 | 158.954 | 157.809 | 156.664 | 155.519 | 154.374 | 153.229 | 152.084 | 150.939 | 149.794 | 148.649 | 147.504 | 146.359 | 145.214 | 144.069 | 142.924 | 141.779 | 140.634 | 139.489 | 138.344 | 137.199 | 136.054 | 134.909 | 133.764 | 132.619 | 131.474 | 130.329 | 129.184 | 128.039 | 126.894 | 125.749 | 124.604 | 123.459 | 122.314 | 121.169 | 120.024 | 118.879 | 117.734 | 116.589 | 115.444 | 114.299 | 113.154 | 112.009 | 110.864 | 109.719 | 108.574 | 107.429 | 106.284 | 105.139 | 103.994 | 102.849 | 101.704 | 100.559 | 99.414 | 98.269 | 97.124 | 95.979 | 94.834 | 93.689 | 92.544 | 91.399 | 90.254 | 89.109 | 87.964 | 86.819 | 85.674 | 84.529 | 83.384 | 82.239 | 81.094 | 79.949 | 78.804 | 77.659 | 76.514 | 75.369 | 74.224 | 73.079 | 71.934 | 70.789 | 69.644 | 68.499 | 67.354 | 66.209 | 65.064 | 63.919 | 62.774 | 61.629 | 60.484 | 59.339 | 58.194 | 57.049 | 55.904 | 54.759 | 53.614 | 52.469 | 51.324 | 50.179 | 49.034 | 47.889 | 46.744 | 45.599 | 44.454 | 43.309 | 42.164 | 41.019 | 39.874 | 38.729 | 37.584 | 36.439 | 35.294 | 34.149 | 33.004 | 31.859 | 30.714 | 29.569 | 28.424 | 27.279 | 26.134 | 24.989 | 23.844 | 22.699 | 21.554 | 20.409 | 19.264 | 18.119 | 16.974 | 15.829 | 14.684 | 13.539 | 12.394 | 11.249 | 10.104 | 8.959 | 7.814 | 6.669 | 5.524 | 4.379 | 3.234 | 2.089 | 0.944 | -0.209 | -1.364 | -2.519 | -3.674 | -4.829 | -5.984 | -7.139 | -8.294 | -9.449 | -10.604 | -11.759 | -12.914 | -14.069 | -15.224 | -16.379 | -17.534 | -18.689 | -19.844 | -20.999 | -22.154 | -23.309 | -24.464 | -25.619 | -26.774 | -27.929 | -29.084 | -30.239 | -31.394 | -32.549 | -33.704 | -34.859 | -36.014 | -37.169 | -38.324 | -39.479 | -40.634 | -41.789 | -42.944 | -44.099 | -45.254 | -46.409 | -47.564 | -48.719 | -49.874 | -51.029 | -52.184 | -53.339 | -54.494 | -55.649 | -56.804 | -57.959 | -59.114 | -60.269 | -61.424 | -62.579 | -63.734 | -64.889 | -66.044 | -67.199 | -68.354 | -69.509 | -70.664 | -71.819 | -72.974 | -74.129 | -75.284 | -76.439 | -77.594 | -78.749 | -79.904 | -81.059 | -82.214 | -83.369 | -84.524 | -85.679 | -86.834 | -87.989 | -89.144 | -90.299 | -91.454 | -92.609 | -93.764 | -94.919 | -96.074 | -97.229 | -98.384 | -99.539 | -100.694 | -101.849 | -102.999 | -104.154 | -105.309 | -106.464 | -107.619 | -108.774 | -109.929 | -111.084 | -112.239 | -113.394 | -114.549 | -115.704 | -116.859 | -118.014 | -119.169 | -120.324 | -121.479 | -122.634 | -123.789 | -124.944 | -126.099 | -127.254 | -128.409 | -129.564 | -130.719 | -131.874 | -133.029 | -134.184 | -135.339 | -136.494 | -137.649 | -138.804 | -139.959 | -141.114 | -142.269 | -143.424 | -144.579 | -145.734 | -146.889 | -148.044 | -149.199 | -150.354 | -151.509 | -152.664 | -153.819 | -154.974 | -156.129 | -157.284 | -158.439 | -159.594 | -160.749 | -161.904 | -163.059 | -164.214 | -165.369 | -166.524 | -167.679 | -168.834 | -169.989 | -171.144 | -172.299 | -173.454 | -174.609 | -175.764 | -176.919 | -178.074 | -179.229 | -180.384 | -181.539 | -182.694 | -183.849 | -185.004 | -186.159 | -187.314 | -188.469 | -189.624 | -190.779 | -191.934 | -193.089 | -194.244 | -195.399 | -196.554 | -197.709 | -198.864 | -200.019 | -201.174 | -202.329 | -203.484 | -204.639 | -205.794 | -206.949 | -208.104 | -209.259 | -210.414 | -211.569 | -212.719 | -213.874 | -215.029 | -216.184 | -217.339 | -218.494 | -219.649 | -220.804 | -221.959 | -223.114 | -224.269 | -225.424 | -226.579 | -227.734 | -228.889 | -230.044 | -231.199 | -232.354 | -233.509 | -234.664 | -235.819 | -236.974 | -238.129 | -239.284 | -240.439 | -241.594 | -242.749 | -243.904 | -245.059 | -246.214 | -247.369 | -248.524 | -249.679 | -250.834 | -251.989 | -253.144 | -254.299 | -255.454 | -256.609 | -257.764 | -258.919 | -260.074 | -261.229 | -262.384 | -263.539 | -264.694 | -265.849 | -267.004 | -268.159 | -269.314 | -270.469 | -271.624 | -272.779 | -273.934 | -275.089 | -276.244 | -277.399 | -278.554 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------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LEGEND :-

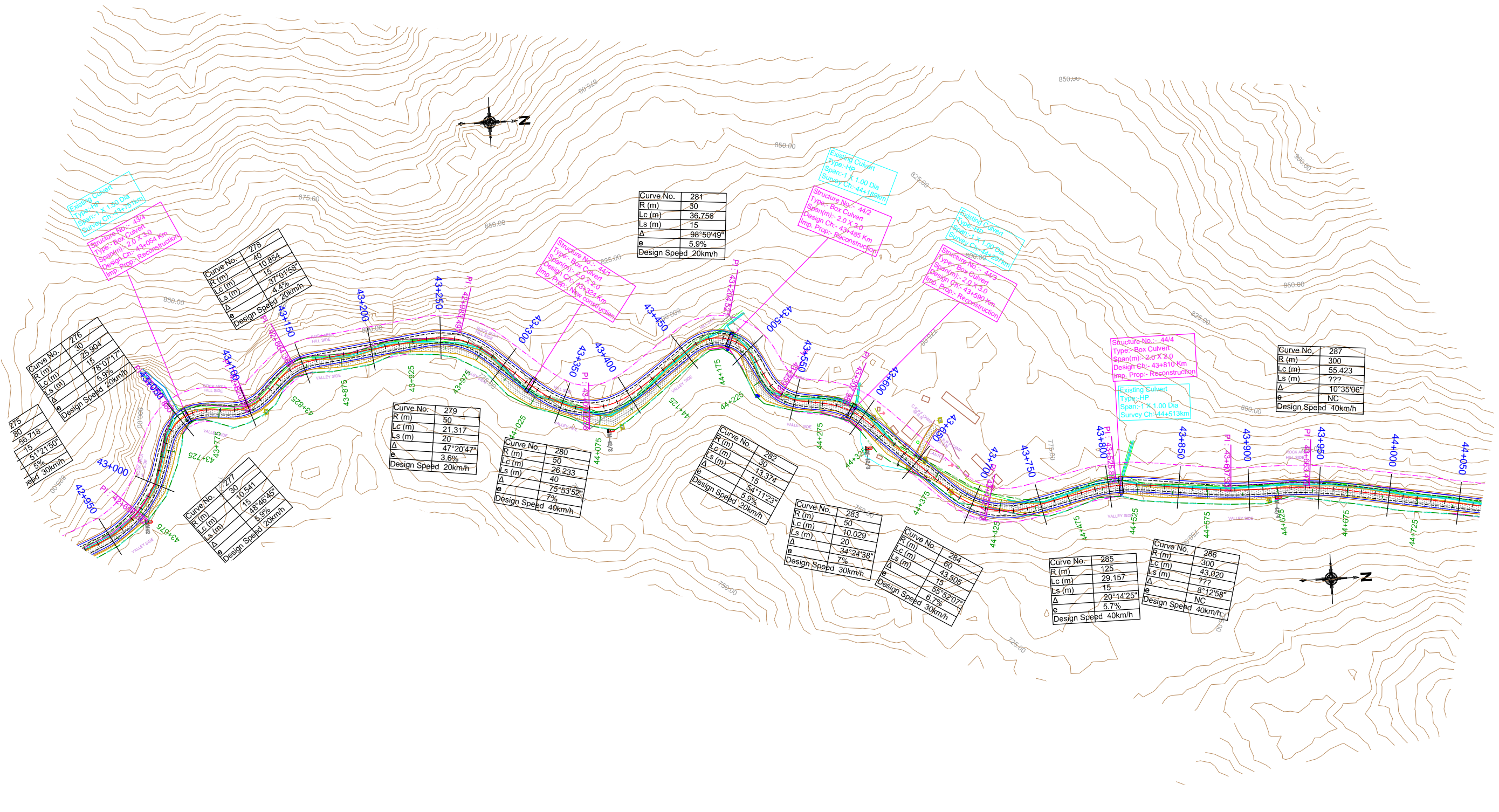
| | |
|---------------------------|-------|
| PROPOSED CENTRE LINE | --- |
| PROPOSED CARRIAGEWAY LINE | --- |
| PROPOSED PAVED LINE | --- |
| PROPOSED EARTHEN LINE | --- |
| PROPOSED DRAIN | --- |
| EXISTING ROW LINE | --- |
| PROPOSED ROW LINE | --- |
| EXISTING CARRIAGEWAY | --- |
| DESIGN CHAINAGE:- | 0+000 |
| SURVEY CHAINAGE:- | 0+000 |





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|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| FINISHED ROAD LEVEL ALONG THE PROPOSED CL. | 850.847 | 849.953 | 849.059 | 848.166 | 847.272 | 846.379 | 845.485 | 844.592 | 843.698 | 842.804 | 841.911 | 841.017 | 840.124 | 839.230 | 838.337 | 837.443 | 836.550 | 835.656 | 834.762 | 833.869 | 832.975 | 828.082 | 831.188 | 830.295 | 829.401 | 828.507 | 827.614 | 826.720 | 825.827 | 824.933 | 824.040 | 823.147 | 822.253 | 821.359 | 816.466 | 815.572 | 814.678 | 813.784 | 812.890 | 811.996 | | | |
| EXISTING GROUND LEVEL ALONG THE PROPOSED CL. | 855.139 | 850.350 | 848.726 | 847.817 | 847.280 | 846.707 | 845.751 | 844.993 | 845.427 | 842.529 | 841.953 | 844.717 | 840.351 | 839.070 | 837.856 | 836.986 | 836.121 | 836.300 | 835.884 | 833.744 | 833.086 | 831.660 | 831.026 | 832.391 | 829.662 | 828.683 | 827.834 | 827.100 | 826.107 | 824.995 | 823.534 | 822.817 | 822.317 | 820.800 | 819.489 | 818.400 | 817.640 | 816.508 | 815.192 | 814.604 | 814.078 | 813.249 | 811.051 |
| HORIZONTAL ALIGNMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VERTICAL ALIGNMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUPERELEVATION (e %) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHAINAGE (KM) | 41+000 | 41+025 | 41+050 | 41+075 | 41+100 | 41+125 | 41+150 | 41+175 | 41+200 | 41+225 | 41+250 | 41+275 | 41+300 | 41+325 | 41+350 | 41+375 | 41+400 | 41+425 | 41+450 | 41+475 | 41+500 | 41+525 | 41+550 | 41+575 | 41+600 | 41+625 | 41+650 | 41+675 | 41+700 | 41+725 | 41+750 | 41+775 | 41+800 | 41+825 | 41+850 | 41+875 | 41+900 | 41+925 | 41+950 | 41+975 | 42+000 | 42+025 | 42+050 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|---|--|--|--|
| Scale :- H -1:2500 V -1:250 | | | | | | | | CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001 | | | | TITLE: PROFILE Km 41+000 to Km 42+000 | | | | CONSULTANT: CE TESTING COMPANY PVT. LTD. Engineering Consultants 124-A, N.S.C. Bose Road, Kolkata - 700092. | | | | DWG NO :- CET/4047/NHIDCL/NH-37/I-J/DDPR/PP REVISION MKD. - R2 SHEET NO. - 9A | | | |
| PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANE WITH PAVED SHOULDER OF IMPHAL-JIRIBAM SECTION OF NH-37 (NH-53) (LENGTH- 220 KM) IN THE STATE OF MANIPUR | | | | SUBMISSION TYPE: DRAFT DETAIL PROJECT REPORT (PACKAGE NO. III) | | | | Drawn By: S.MANDAL Designed By: B. DAS Checked By: A.DEY Issued By: A. K.DAS | | | | MKD. DATE DESCRIPTION CHKD. APPRD. DATE: FEB, 2021 | | | | | | | | | | | |



LEGEND :-

| | |
|---------------------------|-------|
| PROPOSED CENTRE LINE | --- |
| PROPOSED CARRIAGEWAY LINE | ---- |
| PROPOSED PAVED LINE | ===== |
| PROPOSED EARTHEN LINE | ----- |
| PROPOSED DRAIN | ----- |
| EXISTING ROW LINE | ----- |
| PROPOSED ROW LINE | ----- |
| EXISTING CARRIAGEWAY | ----- |
| DESIGN CHAINAGE:- | 0+000 |
| SURVEY CHAINAGE:- | 0+000 |

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| MKD. | DATE | DESCRIPTION | CHKD. | APPRD. |
| REVISIONS | | | | |

Scale :-
H - 1:2500

DATE:
FEB, 2021

CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.
PTI Building, 3rd Floor, 4, Parliament Street, New Delhi - 110001

PROJECT: CONSULTANCY SERVICES FOR CARRYING OUT FEASIBILITY STUDY, PREPARATION OF DETAILED PROJECT REPORT AND PROVIDING PRE-CONSTRUCTION SERVICES IN RESPECT OF 2 LANING WITH PAVED SHOULDER OF IMPHAL-JIRIBAM SECTION OF NH-37 (NH-53) (LENGTH- 220 KM) IN THE STATE OF MANIPUR

TITLE: PLAN
Km 43+000 to Km 44+000

SUBMISSION TYPE: DRAFT DETAIL PROJECT REPORT

(PACKAGE NO. III)

CONSULTANT: CE TESTING COMPANY PVT. LTD.
124-A, N.S.C. Bose Road, Kolkata - 700092.

DWG NO :- CET/4047/NHIDCL/NH-37/I-J/DDPR/PP

REVISION MKD. - R2 SHEET NO. - 11

| | | | |
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| Drawn By | Designed By | Checked By | Issued By |
| S.MANDAL | B. DAS | A.DEY | A. K.DAS |