

| CENTRAL RAILWAY                                       |  |    |                                    |                            |
|---|--|----|------------------------------------|----------------------------|
| Sl. No.   |  |    | 28                                 | 29                         |
| Sub Sl. No.   |  |    | 13                                 | 14                         |
| Drawing Identification Code                           |  | 1  | SV-CR-CG-13                        | SV-CR-CG-14                |
| Designed by whom                                      | Railway (CBE/CAO)                                  | 2  | -                                  | -                          |
|   | PSU  | 3  | MRIDCL                             | MRIDCL                     |
| Name of Consultant, if any                            | Design Consultant                                  | 4  | MRIDCL                             | MRIDCL                     |
|   | Proof Consultant                                   | 5  | IIT Mumbai                         | IIT Mumbai                 |
| Drawing Number  |  | 6  | MRIDC/CR/NGP /ROB/LC-27/SS/53      | MRIDC/CSTM/ROB/TURBHE/54.5 |
| Whether Fit for Special Vehicle Loading of IRC-6:2017 |  | 7  | Yes                                | Yes                        |
| Whether Designed with Congestion Factor               |  | 8  | Yes                                | Yes                        |
| Month/Year of Design                                  |  | 9  | Mar-20                             | Nov-19                     |
| Month Year of Approval of Design                      |  | 10 | April-20                           | Jan-20                     |
| Stations/Locations where used                         |  | 11 | Wardha Station, Ballarshah, Nagpur | Sion-Panvel (Turbhe)       |
| Type of Superstructure                                |  | 12 | Composite steel girder             | Composite steel girder     |
| Span (m)  |  | 13 | 53                                 | 54.5                       |
| Depth of Girder including deck slab (mm)              |  | 14 | 3050                               | 3200                       |
| Number of Girders in one span                         |  | 15 | 5                                  | 6                          |
| Seismic Zone designed for                             |  | 16 | III                                | III                        |
| Angle of Skew (Degrees)                               |  | 17 | 0                                  | 0                          |
| Degree of curvature designed for                      |  | 18 | 0                                  | 0                          |
| Carriageway Width (mm)                                |  | 19 | 8500                               | 11000                      |
| Number of lanes                                       |  | 20 | 2                                  | 2                          |
| Direction of road traffic                             |  | 21 | One way                            | One way                    |
| Deck Width (mm)                                       |  | 22 | 12300                              | 14000                      |
| Deck Configuration                                    | As per which IRC Special Publication No. & Year    | 23 | IRC SP-84: 2014                    | -                          |
|   | Footpath (Nil/One-side/Two-side)                   | 24 | One side                           | One side                   |
|   | Kerb (Nil/One-side/Two-side)                       | 25 | Nil                                | Nil                        |
|   | Crash Barrier {Number- Type (RCC/ W-Beam /Others)} | 26 | Both Side RCC                      | Both Side RCC              |
|   | Railing (RCC/Steel/Others)                         | 27 | One side                           | One side                   |