

## Format - "A" (For Roads / Approach Roads)

- (222)
- 1 Name of Scheme- RRSP (GEN)
  - 2 Name of Road - NH-31 PURNEA To MALOPARA Chainage/Location 0.600 km
  - 3 Name of Circle - PURNEA
  - 4 Name of Division - BAISI Block- BAISI
  - 5 Length of Road (Sanctioned) - 4.00 km Actual Length- 4.00 km
  - 6 Date of inspection- 09/10/25

| Sl. No.  | Parameters                                                                                | Remarks          |
|----------|-------------------------------------------------------------------------------------------|------------------|
| <b>1</b> | <b>Attention to Quality</b>                                                               |                  |
| I.       | Field laboratory established with all necessary equipment (Attach Geo tagged Photographs) | 1 NO             |
| II.      | QC Register Part-1 & Part-2 maintained and mandatory test conducted as per provisions     | NO               |
| III.     | Mention the name of tests conducted & their findings related to the following materials   | NO               |
| (a)      | Cement/Concrete                                                                           | NO               |
| (b)      | Sand                                                                                      | NO               |
| (c)      | Stone                                                                                     | NO               |
| (d)      | Steel                                                                                     | U                |
|          | Awarded grade                                                                             |                  |
| <b>2</b> | <b>Geometrics</b>                                                                         |                  |
| I.       | Chainage (m)                                                                              | 0.600 km         |
| II.      | Roadway width(m)                                                                          | 6.00 m           |
| III.     | Carriageway width (m)                                                                     | 3.75 m           |
| IV.      | Carriageway camber (%)                                                                    | 2.80 %           |
| V.       | Shoulder width (m)                                                                        | 1.10 m           |
| VI.      | Shoulder camber (%)                                                                       | Not maintained   |
| VII.     | Side slope (V:H)                                                                          | Not maintained   |
| VIII.    | Super elevation(%) / Widening (m)                                                         | NA               |
|          | Awarded grade                                                                             | Work in progress |



|      |                                                            |                                                                                                                                                                                                                                 |
|------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3    | Earth Work and sub grade                                   |                                                                                                                                                                                                                                 |
| I.   | Chainage (m)                                               | NA                                                                                                                                                                                                                              |
| II.  | Soil identification/classification                         | NA                                                                                                                                                                                                                              |
| III. | Degree of Compaction (%)                                   | NA                                                                                                                                                                                                                              |
|      | Awarded grade                                              | NA                                                                                                                                                                                                                              |
| 4    | Sub-Base                                                   |                                                                                                                                                                                                                                 |
| I.   | Chainage (m)                                               | NA                                                                                                                                                                                                                              |
| II.  | Thickness of the layer (mm)                                | NA                                                                                                                                                                                                                              |
| III. | Gradation of Sub-base material                             | NA                                                                                                                                                                                                                              |
| IV.  | Plasticity of sub base material                            | NA                                                                                                                                                                                                                              |
| V.   | Compaction of sub base layer (%)                           | NA                                                                                                                                                                                                                              |
|      | Awarded grade                                              | NA                                                                                                                                                                                                                              |
| 5    | Base Coarse-Water Bound Macadam (WMM/WBM)                  |                                                                                                                                                                                                                                 |
| I.   | Chainage (m)                                               | 0.600 Km                                                                                                                                                                                                                        |
| II.  | Thickness of each layer of WBM/WMM (mm)                    | 75mm                                                                                                                                                                                                                            |
| III. | Plasticity of Crushable Aggregate                          |                                                                                                                                                                                                                                 |
| IV.  | Volume of <del>filter</del> <sup>filter</sup> material (%) | 20%                                                                                                                                                                                                                             |
| V.   | Gradation of Coarse Aggregate                              | S                                                                                                                                                                                                                               |
|      | Awarded grade                                              | S                                                                                                                                                                                                                               |
| 6    | Bituminous Base Coarse (BM)                                |                                                                                                                                                                                                                                 |
| I.   | Chainage (m)                                               | <div style="display: flex; align-items: center;"> <div style="font-size: 4em; margin-right: 10px;">}</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">           Work in progress         </div> </div> |
| II.  | Percentage of Bitumen Content                              |                                                                                                                                                                                                                                 |
| III. | Thickness of Bituminous layer                              |                                                                                                                                                                                                                                 |
| IV.  | Grading of Coarse Aggregate                                |                                                                                                                                                                                                                                 |

| Awarded grade |                                                                  |                  |
|---------------|------------------------------------------------------------------|------------------|
| <b>7</b>      | <b>Bituminous Layer-premix Carpet (PMC) / MSS/ SDBC</b>          |                  |
| I.            | Chainage (m)                                                     | work in progress |
| II.           | Percentage of Bitumen Content                                    |                  |
| III.          | Thickness of Bituminous layer                                    |                  |
| IV.           | Grading of Coarse Aggregate                                      |                  |
| V.            | Quality of wearing surface (Attach the test report of IRI)       |                  |
| Awarded grade |                                                                  |                  |
| <b>8</b>      | <b>Dry lean Cement Concrete</b>                                  |                  |
| I.            | Chainage (m)                                                     | NA               |
| II.           | Thickness (mm)                                                   |                  |
| III.          | Compressive Strength of CC in Concrete Pavement / Concrete Block |                  |
| IV.           | Awarded grade                                                    |                  |
| <b>9</b>      | <b>CC/PQC/Panel Concrete Pavements</b>                           |                  |
| I.            | Chainage (m)                                                     | work in progress |
| II.           | Thickness of the pavement (mm)                                   |                  |
| III.          | Width of the pavement (m)                                        |                  |
| IV.           | Compressive Strength of CC in Concrete Pavement / Concrete Block |                  |
| V.            | Quality of workmanship joints & edges etc.                       |                  |
| VI.           | Quality of wearing surface (Attach the test report of IRI)       |                  |
| Awarded grade |                                                                  |                  |
| <b>8</b>      | <b>Shoulders</b>                                                 |                  |
| I.            | Chainage (m)                                                     | work in progress |
| II.           | Width of the shoulder (m)                                        |                  |
| III.          | Quality of material for Shoulders                                |                  |
| IV.           | Degree of Compaction (%) (Attach the test report)                |                  |



|           |                                                                                                                     |    |
|-----------|---------------------------------------------------------------------------------------------------------------------|----|
|           | Awarded grade                                                                                                       |    |
| <b>9</b>  | <b>Cross Drainage Works</b>                                                                                         | NA |
| I.        | Chainage (m)                                                                                                        | NA |
| II.       | Type of CD structure                                                                                                | NA |
| III.      | Quality of material, such as concrete(cube test), stone/brick masonry, hume pipe including size etc.                | NA |
| IV.       | Quality of workmanship, such as positioning of Hume pipes, wing walls, cushion over hume pipes, vent clearance etc. | NA |
| V.        | Parapet Walls                                                                                                       | NA |
|           | Awarded grade                                                                                                       |    |
| <b>10</b> | <b>Side Drain and Catch Water Drain</b>                                                                             |    |
| I.        | Chainage (m)                                                                                                        | NA |
| II.       | General quality of side Drains /Catch Water Drains and their integration with CD Structures                         | NA |
|           | Awarded grade                                                                                                       |    |
| <b>11</b> | <b>Road Furniture and Markings</b>                                                                                  |    |
| I.        | Main informatory Board (As per norms)                                                                               |    |
| II.       | Citizen Informatory/ Maintenance Board (As per norms)                                                               |    |
| III.      | Kilometer post/200 m Stone/ Precautionary/ Mandatory Sign Boards                                                    |    |
| IV.       | Road Marking                                                                                                        |    |
|           | Awarded grade                                                                                                       |    |

**Note:-**

- \* Attach Test Report
- \* Attach Relevant Photographs

*SA/ao*  
09/10/25  
T.S

*Shadha*  
09/10/25

(Signature)

Name of AE/EE/SE-  
Office-

# WBM Gr-III

NAME of WORK :- NH-31 Purnea more to Malopara

HEAD :- RRSP

CHAINAGE - 0.600 km

Date of Test -

Weight of Sample - 39975 gm

| I.S Sieve Designation | Weight of Sample Retained (gm.) | % of Weight Retained | Cummulative % of Weight Retained | % of Weight Passing | Permissible Value % |
|-----------------------|---------------------------------|----------------------|----------------------------------|---------------------|---------------------|
| 63mm                  | 0                               | 0.00                 | 0.00                             | 100.00              | 100                 |
| 53mm                  | 1305                            | 3.26                 | 3.26                             | 96.74               | 95-100              |
| 45mm                  | 11870                           | 29.69                | 32.95                            | 67.05               | 65-90               |
| 22.4mm                | 23600                           | 59.03                | 91.98                            | 8.02                | 0-10                |
| 11.2mm                | 3200                            | 8.00                 | 99.98                            | 0.02                | 0-5                 |

Volumetric, Height of material = (100mm - 0mm) = 100mm

Weight of Screening Height of Screening = (100mm - 80mm) = 20mm

Percentage of Screening w.r.t. aggregates

Result of Sieve Analysis ..... % of Screening = 20% .....

09/10/25

तकनीकी पर्यवेक्षक  
ग्रामीण कार्य विभाग  
कार्य प्रसारक - बेंसी

09/10/25

कमीय अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रसारक - बेंसी-2

09/10/25

सहायक अभियंता  
ग्रामीण कार्य विभाग  
कार्य अवर प्रमंडल  
बेंसी