

MR-N/13-20/JhaJha/02

**Schedule XLV-Form No. 134**

Ag No - 33/MBD/MR-N/2020-21

Repair of Road from Temui **DIVISION**  
Jhagrap. D Road to Gangra

**SUB-DIVISION**

**Measurement Book**

1703

Agency by which work is executed-

Date of Measurement-

No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

| Particulars          | Details of actual measurement |    |    |    | Contents of area |
|----------------------|-------------------------------|----|----|----|------------------|
|                      | No.                           | L. | B. | D. |                  |
| N/Work:-             | Repair of road from           |    |    |    | Jamui            |
|                      | Jhain P.H.D. road to Gangra   |    |    |    |                  |
| (Pr No-              | MA-N/19-20/Jhain/02)          |    |    |    |                  |
| Agency:-             | Shashank Shukla               |    |    |    |                  |
| Agreement No-        | 99/MGD/MP-N/2020-21           |    |    |    |                  |
| Date of work start - | 23-01-2021                    |    |    |    |                  |
| Date of Completion - | 22-10-2021                    |    |    |    |                  |
|                      |                               |    |    |    |                  |
|                      |                               |    |    |    |                  |
|                      |                               |    |    |    |                  |

| Work done                    |     |       |       |                       |                                               |
|------------------------------|-----|-------|-------|-----------------------|-----------------------------------------------|
| ① cleaning and grubbing road |     |       |       |                       |                                               |
| land - do - E/s              |     |       |       |                       |                                               |
| 2x                           | 10x | 30m   | 0.75m | =                     | 450.00m <sup>2</sup><br>1125.00m <sup>2</sup> |
| 2x                           | 10x | 30m   | 0.75m | =                     | 450.00m <sup>2</sup><br>1125.00m <sup>2</sup> |
| 2x                           | 10x | 30m   | 0.75m | =                     | 450.00m <sup>2</sup><br>1125.00m <sup>2</sup> |
|                              |     |       |       |                       | 1350.00m <sup>2</sup>                         |
|                              |     |       |       |                       | or 0.135 Hec.                                 |
| ② Servicing existing bitumi- |     |       |       |                       |                                               |
| - new surface - do - E/s     |     |       |       |                       |                                               |
| 10x                          | 30m | 3.75m | =     | 1125.00m <sup>2</sup> |                                               |
| 10x                          | 30m | 3.75m | =     | 1125.00m <sup>2</sup> |                                               |
| 10x                          | 30m | 3.75m | =     | 1125.00m <sup>2</sup> |                                               |
| Total of all                 |     |       |       |                       | 3375.00m <sup>2</sup>                         |
|                              |     |       |       |                       | = 337.50m <sup>2</sup>                        |

Continuation

| Particulars                 | Details of actual measurement |    |    |    | Contents of area     |
|-----------------------------|-------------------------------|----|----|----|----------------------|
|                             | No.                           | L. | B. | D. |                      |
| (3) Contn of Gr-10. 2/15    |                               |    |    |    |                      |
| 2 x 6.20m x 2.30m x 0.150m  |                               |    |    |    | 6.51m <sup>3</sup>   |
| 15 x 2.70m x 2.20m x 0.150m |                               |    |    |    | 14.355m <sup>3</sup> |
| 30 x 1.40m x 1.20m x 0.150m |                               |    |    |    | 7.56m <sup>3</sup>   |
| 5 x 2.50m x 2.20m x 0.150m  |                               |    |    |    | 4.125m <sup>3</sup>  |
| 1 x 2.80m x 2.60m x 0.200m  |                               |    |    |    | 1.456m <sup>3</sup>  |
| 7 x 1.80m x 1.20m x 0.150m  |                               |    |    |    | 2.268m <sup>3</sup>  |
| 3 x 2.20m x 1.90m x 0.150m  |                               |    |    |    | 1.831m <sup>3</sup>  |
| 5 x 2.20m x 2.00m x 0.150m  |                               |    |    |    | 4.125m <sup>3</sup>  |
| 2 x 2.70m x 2.40m x 0.150m  |                               |    |    |    | 1.24m <sup>3</sup>   |
| 1 x 2.50m x 2.40m x 0.150m  |                               |    |    |    | 0.95m <sup>3</sup>   |
| 1 x 2.45m x 2.10m x 0.150m  |                               |    |    |    | 0.86m <sup>3</sup>   |
|                             |                               |    |    |    | 45.41m <sup>3</sup>  |
| (4) Plv and laying work.    |                               |    |    |    |                      |
| Gr-2 - do - 2/15            |                               |    |    |    |                      |
| 2 x 6.20m x 2.50m x 0.075m  |                               |    |    |    | 2.26m <sup>3</sup>   |
| 1 x 4.00m x 2.40m x 0.075m  |                               |    |    |    | 0.70m <sup>3</sup>   |
| 15 x 2.70m x 2.20m x 0.075m |                               |    |    |    | 7.18m <sup>3</sup>   |
| 30 x 1.40m x 1.20m x 0.075m |                               |    |    |    | 3.48m <sup>3</sup>   |
| 2 x 1.50m x 1.00m x 0.075m  |                               |    |    |    | 0.26m <sup>3</sup>   |
| 3 x 1.50m x 0.90m x 0.075m  |                               |    |    |    | 0.30m <sup>3</sup>   |
| 1 x 2.45m x 2.40m x 0.075m  |                               |    |    |    | 0.41m <sup>3</sup>   |
| 5 x 2.50m x 2.20m x 0.075m  |                               |    |    |    | 2.06m <sup>3</sup>   |
| 1 x 2.80m x 2.60m x 0.075m  |                               |    |    |    | 0.550m <sup>3</sup>  |
| 4 x 1.80m x 1.20m x 0.075m  |                               |    |    |    | 1.13m <sup>3</sup>   |
| 3 x 2.20m x 1.90m x 0.075m  |                               |    |    |    | 0.74m <sup>3</sup>   |
|                             |                               |    |    |    | 20.44m <sup>3</sup>  |

Continuation



| Particulars               | Details of actual measurement |       |       |        | Contents of area    |
|---------------------------|-------------------------------|-------|-------|--------|---------------------|
|                           | No.                           | L.    | B.    | D.     |                     |
|                           |                               |       |       | B.F.P. | 20.47m <sup>3</sup> |
|                           |                               |       |       |        |                     |
|                           | 5                             | 2.80m | 2.00m | 0.045m | 2.10m <sup>3</sup>  |
|                           | 2                             | 2.90m | 2.00m | 0.075m | 0.33m <sup>3</sup>  |
|                           | 1                             | 2.50m | 2.00m | 0.075m | 0.38m <sup>3</sup>  |
|                           | 1                             | 2.75m | 2.10m | 0.045m | 0.43m <sup>3</sup>  |
|                           | 4                             | 2.00m | 1.90m | 0.075m | 13.40m <sup>3</sup> |
|                           |                               |       |       |        | 37.75m <sup>3</sup> |
|                           |                               |       |       | Q.1    | 35.44m <sup>3</sup> |
| (5) p/v and laying w.b.m. |                               |       |       |        |                     |
| Gr-3 to G.I.              |                               |       |       |        |                     |
|                           | 2                             | 6.90m | 3.50m | 0.075m | 3.62m <sup>3</sup>  |
|                           | 1                             | 5.60m | 3.20m | 0.075m | 1.34m <sup>3</sup>  |
|                           | 15                            | 4.60m | 3.00m | 0.075m | 15.53m <sup>3</sup> |
|                           | 30                            | 1.60m | 1.40m | 0.075m | 5.04m <sup>3</sup>  |
|                           | 2                             | 3.50m | 2.20m | 0.075m | 1.16m <sup>3</sup>  |
|                           | 3                             | 2.60m | 2.10m | 0.075m | 1.23m <sup>3</sup>  |
|                           | 1                             | 4.20m | 2.90m | 0.075m | 0.91m <sup>3</sup>  |
|                           | 5                             | 2.60m | 2.30m | 0.075m | 2.24m <sup>3</sup>  |
|                           | 1                             | 2.90m | 2.70m | 0.075m | 0.59m <sup>3</sup>  |
|                           | 7                             | 2.10m | 1.40m | 0.075m | 1.47m <sup>3</sup>  |
|                           | 3                             | 2.50m | 2.40m | 0.075m | 1.13m <sup>3</sup>  |
|                           | 5                             | 3.00m | 2.20m | 0.075m | 2.48m <sup>3</sup>  |
|                           | 2                             | 2.90m | 2.10m | 0.075m | 0.91m <sup>3</sup>  |
|                           | 1                             | 2.60m | 2.10m | 0.075m | 0.41m <sup>3</sup>  |
|                           | 1                             | 2.80m | 2.10m | 0.075m | 0.44m <sup>3</sup>  |
|                           | 4                             | 2.75m | 2.55m | 0.075m | 2.472m <sup>3</sup> |
|                           |                               |       |       |        | 63.22m <sup>3</sup> |

Continuation

| Particulars                                        | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                    | No.                           | L. | B. | D. |                  |
| ⑥ Plv and applying Primer                          |                               |    |    |    |                  |
| Coat - do - El                                     |                               |    |    |    |                  |
| Qty V.P. 3 sl. ⑤ = $\frac{63.22 m^2}{0.075 m}$     |                               |    |    |    | $= 842.94 m^2$   |
| ⑦ Plv and applying tack                            |                               |    |    |    |                  |
| Coat - do - El                                     |                               |    |    |    |                  |
| Same qty V.P. 4 sl. ⑥ =                            |                               |    |    |    | $842.94 m^2$     |
| ⑧ Plv laying and rolling of                        |                               |    |    |    |                  |
| close graded Bitum - do                            |                               |    |    |    |                  |
| Same qty V.P. 4 sl. ⑦ =                            |                               |    |    |    | $842.94 m^2$     |
| ⑨ Plv and applying tack                            |                               |    |    |    |                  |
| - do - El                                          |                               |    |    |    |                  |
| 21 x 30m x 3.75m                                   |                               |    |    |    | $= 2362.50 m^2$  |
| 1 x 7.50m x 3.75m                                  |                               |    |    |    | $= 28.125 m^2$   |
| 2 x 30m x 3.75m                                    |                               |    |    |    | $= 225.00 m^2$   |
| 1 x 8.50m x 3.75m                                  |                               |    |    |    | $= 31.875 m^2$   |
| 6 x 30m x 3.75m                                    |                               |    |    |    | $= 675.00 m^2$   |
| 1 x 14m x $\frac{3.75 + 4.70 + 6.20 + 11.10}{4} m$ |                               |    |    |    | $= 70.00 m^2$    |
|                                                    |                               |    |    |    | $3412.50 m^2$    |
| ⑩ Plv and laying S.D. Be                           |                               |    |    |    |                  |
| - do - El                                          |                               |    |    |    |                  |
| Qty V.P. 4 sl. ⑨                                   |                               |    |    |    |                  |
| $= 3412.50 m^2 \times 0.025 m$                     |                               |    |    |    | $= 85.312 m^3$   |
|                                                    |                               |    |    |    | Qty $84.38 m^3$  |

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