

69MBD/2020-21

NADHOPUR To JHAKAULI ROAD

Schedule XLV-Form No.-134

BENIOUR MR DIVISION

BENIOUR SUB-DIVISION

**MEASUREMENT BOOK**

Mr. B. N. - 1331

आवेष्टागुहाई सा

No. and date of agreement -  
(These four lines should be repeated at the commencement of the measurements relating to each work).

| Particulars                                        | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                    | No.                           | L. | B. | D. |                  |
|                                                    | Ist entic bill                |    |    |    |                  |
| Name of work - Contn of road from Madhopur         |                               |    |    |    |                  |
| to Jakauli under M/P                               |                               |    |    |    |                  |
| Agency's name - Arunachal Karmachari Dhs.          |                               |    |    |    |                  |
| Vill - Narada, Block - Benipara, Dist - Bongaigaon |                               |    |    |    |                  |
| Agri. No.                                          | 69 MBD/2020-21                |    |    |    |                  |
| Date of start                                      | 14/12/20                      |    |    |    |                  |
| Date of completion                                 | (13-12-21)                    |    |    |    |                  |

|                                     |          |                   |                            |         |             |
|-------------------------------------|----------|-------------------|----------------------------|---------|-------------|
| ① clearing & grubbing road land.    |          |                   |                            |         |             |
|                                     | 2x       | 7.20x             | 1.00x                      | = 14.40 | = 0.144 Hec |
| ② Contn. of sub grade & etc. do etc |          |                   |                            |         |             |
|                                     | 145x     | $\frac{3+3.5}{2}$ | $\times \frac{0.6+0.4}{2}$ | =       | 235.625     |
| ③ P.V. G.S. B.G. do do etc          |          |                   |                            |         |             |
|                                     | 4x       | 3x                | 1.20x                      | 0.1 =   | 1.44        |
|                                     | 1x       | 4x                | 0.9x                       | 0.1 =   | 0.36        |
|                                     | 3x       | 2x                | 1.3x                       | 0.1 =   | 0.78        |
|                                     | 4x       | 1x                | 1.2x                       | 0.1 =   | 0.48        |
|                                     | 3x       | 3x                | 1.3x                       | 0.1 =   | 1.17        |
|                                     | 3x       | 2x                | 0.9x                       | 0.1 =   | 0.54        |
|                                     | 3x       | 2x                | 1.1x                       | 0.1 =   | 0.66        |
|                                     | 5.43 Hec |                   |                            |         |             |

Accepted 21/12/22  
1.2.21  
Madhopur  
21/12/22  
Continuation  
GAE

| Particulars                        | Details of actual measurement |      |      |        | Contents of area |
|------------------------------------|-------------------------------|------|------|--------|------------------|
|                                    | No.                           | L.   | B.   | D.     |                  |
| ④ PIV W 8 m 4 ft 11 in do. do. 1/1 |                               |      |      |        |                  |
|                                    | 4x                            | 3x   | 1.2x | 0.075x | 1.08             |
|                                    | 1x                            | 4x   | 0.9x | 0.075x | 0.27             |
|                                    | 3x                            | 2x   | 1.3x | 0.075x | 0.585            |
|                                    | 4x                            | 1x   | 1.2x | 0.075x | 0.36             |
|                                    | 3x                            | 3x   | 1.3x | 0.075x | 0.878            |
|                                    | 3x                            | 2x   | 0.9x | 0.075x | 0.405            |
|                                    | 3x                            | 2x   | 1.1x | 0.075x | 0.495            |
|                                    | 5x                            | 1.1x | 1.4x | 0.075x | 0.578            |
|                                    | 3x                            | 2x   | 2.1x | 0.075x | 0.945            |
|                                    | 5x                            | 2x   | 1.5x | 0.075x | 1.125            |
|                                    | 1x                            | 1.5x | 2.1x | 0.075x | 0.225            |

|                                       |                                       |    |      |        |                         |
|---------------------------------------|---------------------------------------|----|------|--------|-------------------------|
|                                       | 2x                                    | 3x | 0.6x | 0.075x | 0.27                    |
|                                       | 8x                                    | 2x | 0.9x | 0.075x | 1.08                    |
|                                       |                                       |    |      |        | 9.016 1/3               |
| <del>26/8/22</del><br>26/8/22<br>d.m. | <del>26/8/22</del><br>26/8/22<br>d.m. |    |      |        | 4x 9.015 m <sup>2</sup> |

⑤ PIV Prime Coat do. do. 1/1  
 Area 9. -  $9.015 / 0.075 = 120.2 \text{ m}^2$

~~21/11/22~~  
21/11/22  
d.m.

~~21/11/22~~  
21/11/22  
d.m.

⑥ PIV Top Coat do. do. 1/1

|                       |                      |
|-----------------------|----------------------|
| Area same as item ⑤ - | 120.2                |
| 15x 4x 1.2 =          | 72                   |
| 20x 6x 1.1 =          | 132                  |
| 18x 12x 0.6 =         | 129.6                |
| 12x 9x 0.8 =          | 86.4                 |
|                       | 540.2 m <sup>2</sup> |

Continuation

| Particulars                               | Details of actual measurement |    |    |    | Contents of area       |
|-------------------------------------------|-------------------------------|----|----|----|------------------------|
|                                           | No.                           | L. | B. | D. |                        |
| (7) PIV zone 5 MSS. patchwork<br>do do do |                               |    |    |    |                        |
| Area same as for item (6)                 |                               |    |    |    | 540.24 <sup>2</sup>    |
| <del>if any</del><br>22/11/22<br>2.7m     |                               |    |    |    |                        |
| <del>if any</del><br>26/11/22<br>2.7m     |                               |    |    |    |                        |
| (8) PIV Track Cont- do do do              |                               |    |    |    |                        |
| 3x 5.10 + 3.75                            |                               |    |    |    | 213.28                 |
| 20x 30x 3.75                              |                               |    |    |    | 2250                   |
| 8x 30x 3.75                               |                               |    |    |    | 900                    |
| 1x 27x 3.75                               |                               |    |    |    | 101.25                 |
|                                           |                               |    |    |    | 3264.53 m <sup>2</sup> |

|                       |  |  |  |  |                       |
|-----------------------|--|--|--|--|-----------------------|
| (9) PIV SDBC do do do |  |  |  |  |                       |
| 3x 5.10 + 3.75        |  |  |  |  | 0.332                 |
| 20x 30x 3.75          |  |  |  |  | 56.25                 |
| 8x 30x 3.75           |  |  |  |  | 22.50                 |
| 1x 27x 3.75           |  |  |  |  | 2.521                 |
|                       |  |  |  |  | 81.613 m <sup>2</sup> |

|                                       |  |  |  |  |                       |
|---------------------------------------|--|--|--|--|-----------------------|
| <del>if any</del><br>26/11/22<br>2.7m |  |  |  |  |                       |
| <del>if any</del><br>26/11/22<br>2.7m |  |  |  |  |                       |
| (10) Contingent for road 8 E/S do do  |  |  |  |  |                       |
| 2x 3x 30x 0.9 + 2                     |  |  |  |  | 66.15                 |
| 2x 4x 30x 0.8 + 1.4                   |  |  |  |  | 132                   |
|                                       |  |  |  |  | 198.15 m <sup>2</sup> |

| Particulars                                                            | Details of actual measurement |    |    |    | Contents of area |
|------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                        | No.                           | L. | B. | D. |                  |
| (11) P.V. kilometre stone 200 ft                                       |                               |    |    |    |                  |
| (a) KM stone - 2 Nos.                                                  |                               |    |    |    |                  |
| (b) 200m stone - 3 Nos.                                                |                               |    |    |    |                  |
| (12) P.V. 27m p typical M.R                                            |                               |    |    |    |                  |
| entrance to S.B. - 3 Nos.                                              |                               |    |    |    |                  |
| (13) existing traffic sign                                             |                               |    |    |    |                  |
| (a) 600mm circular - 1 - 6 Nos.                                        |                               |    |    |    |                  |
| (b) 600mm circular - 4 Nos.                                            |                               |    |    |    |                  |
| (c) 600mm x 450mm rectangular - 2 Nos.                                 |                               |    |    |    |                  |
| (14) Planting along by the roadside -                                  |                               |    |    |    |                  |
| 32 Nos.                                                                |                               |    |    |    |                  |
| (15) Road markings with or without applied thermoplastic compound done |                               |    |    |    |                  |
| 27 870 x 0.12 174 m <sup>2</sup>                                       |                               |    |    |    |                  |
| 30/11/22                                                               |                               |    |    |    |                  |
| 30/11/22                                                               |                               |    |    |    |                  |

| Particulars                                                   | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                               | No.                           | L. | B. | D. |                  |
|                                                               | Abstract of Col 2             |    |    |    |                  |
| ① clearing & grubbing sand land -<br>23 sty wide T.B.P. ① & ① |                               |    |    |    |                  |
| 0.1444 ha. eb. 51137.38/ha. - b.                              |                               |    |    |    | 736420           |
| ② Const. of Sub grade & c/s. 2nd                              |                               |    |    |    |                  |
| 24 sty wide T.B.P. ① & ② - 23562                              |                               |    |    |    |                  |
| sty wide T.B.P. ③ & ④ - 19815                                 |                               |    |    |    |                  |
|                                                               |                               |    |    |    | 433.77           |
| 433.77 m <sup>2</sup> eb. 192.13/m <sup>2</sup> - b.          |                               |    |    |    | 8334020          |
| ③ p.u. G.S.B. 902 do do do                                    |                               |    |    |    |                  |
| 25 sty wide T.B.P. ① & ③                                      |                               |    |    |    |                  |
| 5.4307 ha. eb. 271384/m <sup>2</sup> - b.                     |                               |    |    |    | 1473620          |
| ④ p.u. W.B. 1000 do do do                                     |                               |    |    |    |                  |
| 26 sty wide T.B.P. 2 - 24 (4)                                 |                               |    |    |    |                  |
| 9.0150 ha. eb. 3394.07/m <sup>2</sup> - b.                    |                               |    |    |    | 3059820          |
| ⑤ p.u. fine cut do do do                                      |                               |    |    |    |                  |
| 27 sty wide T.B.P. ② & ⑤                                      |                               |    |    |    |                  |
| 120.24 m <sup>2</sup> eb. 4320/m <sup>2</sup> - b.            |                               |    |    |    | 519320           |
| ⑥ p.u. fine cut do do do                                      |                               |    |    |    |                  |
| 28 sty wide T.B.P. ② & ⑥ - 540.2                              |                               |    |    |    |                  |
| sty wide T.B.P. ③ & ⑧ - 3241.53                               |                               |    |    |    |                  |
|                                                               |                               |    |    |    | 3304.73          |
| 3304.73 m <sup>2</sup> eb. 14.78/m <sup>2</sup> - b.          |                               |    |    |    | 5623420          |
| ⑦ p.u. 2000 m.s.s. factory do do                              |                               |    |    |    |                  |
| 29 sty wide T.B.P. 3 & ⑦ -                                    |                               |    |    |    |                  |
| 540.24 m <sup>2</sup> eb. 525.90/m <sup>2</sup> - b.          |                               |    |    |    | 10928920         |
| ⑧ p.u. S.B.C. do do do                                        |                               |    |    |    |                  |
| 30 sty wide T.B.P. 3 & ⑧                                      |                               |    |    |    |                  |
| 81.613 m <sup>2</sup> eb. 10877.60/m <sup>2</sup> - b.        |                               |    |    |    | 88775420         |
|                                                               |                               |    |    |    |                  |
|                                                               |                               |    |    |    | 119450820        |

1194508 = 0

Continuation

| Particulars                                                | Details of actual measurement |    |    |    | Contents of area |
|------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                            | No.                           | L. | B. | D. |                  |
| (9) PIV Kilometer Stone to end of<br>Bypade RD P. 4th (11) |                               |    |    |    |                  |
| (9) KM Stone - 2 No. e.b. 220694/M. 441420                 |                               |    |    |    |                  |
| (10) 200m Stone - 3 No. e.b. 602.15/M. 180650              |                               |    |    |    |                  |
| (10) PIV 2 km p. 4th RD N/R S. B. 7                        |                               |    |    |    |                  |
| 33 Bypade RD P. 4th (12)                                   |                               |    |    |    |                  |
| 3 No. e.b. 9294.68/M. 2788420                              |                               |    |    |    |                  |
| (11) PIV 8 km p. 4th RD S. B. 8                            |                               |    |    |    |                  |
| Bypade RD P. 4th (13)                                      |                               |    |    |    |                  |
| (9) Commencement of 4th - 6 No. e.b. 2983.05/M. 1789820    |                               |    |    |    |                  |
| (14) Commencement of 4th - 4 No. e.b. 3150.16/M. 1260120   |                               |    |    |    |                  |
| (15) Commencement of 4th - 2 No. e.b. 3046.55/M. 609320    |                               |    |    |    |                  |

|                                          |  |  |  |                      |              |
|------------------------------------------|--|--|--|----------------------|--------------|
| (12) Planting of trees by the roadside   |  |  |  |                      |              |
| 38 Bypade RD P. 4th (14)                 |  |  |  |                      |              |
| 32 No. e.b. 820.42/M. 2625320            |  |  |  |                      |              |
| (13) Road widening with HMT applied with |  |  |  |                      |              |
| 39 Bypade RD P. 4th (15)                 |  |  |  |                      |              |
| 174 M. e.b. 721.91/M. 1256120            |  |  |  |                      |              |
| Material of concrete                     |  |  |  |                      | 141706920    |
| E/W - 433.77 M <sup>2</sup>              |  |  |  | ADD 45% for 17004820 |              |
| Stone metal/chip - 147 M <sup>3</sup>    |  |  |  | EC 21%               | 1417120      |
| Sand - 2 M <sup>3</sup>                  |  |  |  |                      |              |
| Sp. concrete - 3 M <sup>3</sup>          |  |  |  | SP                   | 7123         |
| Bitumen - 10.445 MT.                     |  |  |  |                      |              |
| Bit. oil SS-1 - 103 kg                   |  |  |  |                      |              |
| RL-1 - 1045 kg                           |  |  |  |                      | B. 160841120 |
| S.F.                                     |  |  |  |                      |              |
| 43B - 543.17 e 49.85 - 271               |  |  |  | 10% 10.02%           | 32220        |
| WBH - 9.015 e 62.74 - 575                |  |  |  | After 10%            |              |
| N.S. - 525.9 e 1.127 - 668               |  |  |  |                      | 160808920    |
| SDBC - 81.613 e 56.08 - 457              |  |  |  |                      |              |
| E/W - 433.77 e 2.38 - 1032               |  |  |  |                      |              |
|                                          |  |  |  | 712320               |              |

30/11/22  
3.30  
Continuation



**कार्यपालक अभियंता का कार्यालय**  
**ग्रामीण कार्य विभाग, कार्य प्रमण्डल, बेनीपुर।**

(Email-eerwdbenipur@gmail.com 8986915347)

पत्रांक- 1101 / बेनीपुर, (दरभंगा)

दिनांक- 15/12/2022

प्रेषक,

कार्यपालक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रमण्डल, बेनीपुर।

सेवा में,

अपर मुख्य कार्यपालक पदाधिकारी-सह-सचिव,  
बिहार ग्रामीण पथ विकास अभिकरण,  
पटना।

**विषय:- MR (3054) Under Bihar Rural Road Maintenance Policy-2018 योजनान्तर्गत अधियाचना के सम्बन्ध में।**

महाशय,

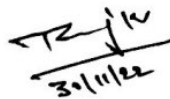
उपर्युक्त विषयक के आलोक में कहना है कि **MR (3054) under Bihar Rural Road Maintenance Policy-2018** योजनान्तर्गत क्रियान्वित पथों के लिए राशि की अधियाचना हेतु समर्पित की जाती है।

अनु०-यथोक्त।

विश्वासभाजन

  
15-12-22

कार्यपालक अभियंता,  
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, बेनीपुर, (दरभंगा)।

  
30/11/22



**FORM GFR 19 - A****(See Government of India's Decision ( 1 ) below Rule - 150 )****Form of utilization Certificate up to the month of DEC 2022.****MR UNDER BIHAR RURAL ROAD MAINTENANCE POLICY-2018****PIU — Works Division, Benipur.**

| Sl. No | Name of Scheme                                                                             | Sanction No. & Date with Amount ( in Rs. Lakh ) | Amount Received ( in Rs. Lakh ) | Particulars                                                                                                                                                                                                                                                                                |
|--------|--------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | 2                                                                                          | 3                                               | 4                               | 5                                                                                                                                                                                                                                                                                          |
| 1      | Construction of Rural roads under MR (3054) UNDER BIHAR RURAL ROAD MAINTENANCE POLICY-2018 | Letter No. 02,Dated-03.01.2022                  | 14.13890                        | Certified that a Sum of Rs.305.95252 Lakh has been Utilized for the purpose of NEW MR Schemes of Rs.310.73828 Lakh received in favour of Executive Engineer, RWD, Benipur as per given details for which it was Sanctioned and the Balance Rs.4.78576 Lakh remaining unutilised till date. |
|        |                                                                                            | Letter No. 05,Dated-25.01.2022                  | 94.45195                        |                                                                                                                                                                                                                                                                                            |
|        |                                                                                            | Letter No. 22,Dated-16.03.2022                  | 103.46919                       |                                                                                                                                                                                                                                                                                            |
|        |                                                                                            | Letter No. 25,Dated-17.03.2022                  | 20.91227                        |                                                                                                                                                                                                                                                                                            |
|        |                                                                                            | Letter No. 01,Dated-20.05.2022                  | 77.76597                        |                                                                                                                                                                                                                                                                                            |
|        |                                                                                            |                                                 |                                 |                                                                                                                                                                                                                                                                                            |
|        |                                                                                            | <b>Net Total</b>                                | <b>310.73828</b>                |                                                                                                                                                                                                                                                                                            |

- 2 Certified that I have satisfied my self that the conditions on which the grants - in - aid was sanctioned have been duly fulfilled are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

**Kinds of Checks exercised :-**

- (i) Works have been supervised by Executive Engineer/ Superintending Engineer.
- (ii) Periodical inspection has been conducted by Executive Engineer/ Superintending Engineer.
- (iii) Construction material have been tested. .
- (iv) Measurement have been recorded in the M.Bs and test check conducted by the Assistant.
- (v) All other codal formalities have been observed.

**3 Physical Progress achieved :-**

- (i) Construction of Road works.
- (ii) Construction of C.D. works.

*[Signature]*  
15.12.22

**Executive Engineer,  
Rural Works Department  
Works Division, Benipur (Darbhanga)**

Analyzer

Name of Customer : Ardhesh Kumar Jha  
Name of Work/ Road : Madhopur Jekauli  
Lab Job number : 10  
Date : 25-11-2022  
Section No. : 10

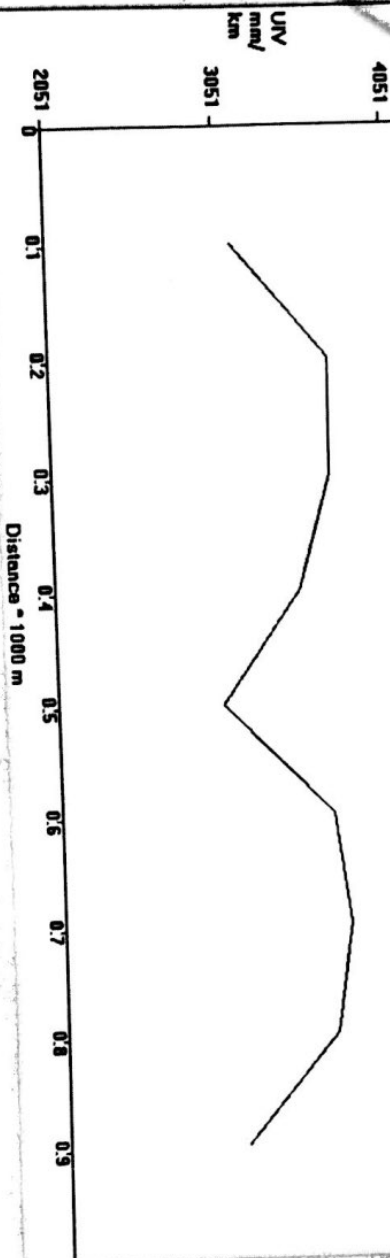
Print Generate Report and Graph

Test Date : 25-11-2022 Road Name : Madhopur Jekauli  
Machine No : 67 Road Type : (R) RURAL ROAD  
Start S No : 3 Side : Interval  
Start E No : 11  
Weather : Normal UNV Range : 2051 To 5000 1000 mm/km  
Start Location : 26.91127 Dist Range : 0 To 1 0.1 \* 1000 m  
End Location : 86.76143 Equation :  $Y = 0 * X^2 + 0.952 * X + 195.8$

Redraw Graph

Map View

File : C:\Users\DELL\Downloads\25111607111.xls. Section No. : 10. Egn :  $Y = 0 * X^2 + 0.952 * X + 195.8$   
Name of Customer : Ardhesh Kumar Jha. Name of Work/ Road : Madhopur Jekauli. Lab Job number : 10



13.14  
25/11/22

25/11/22  
6.3m

25/11/22  
5.07m

| Date     | Time     | Section No. | Length in km | Bumps in mm | Speed Rate | OR   | IRI    | TEGORY |
|----------|----------|-------------|--------------|-------------|------------|------|--------|--------|
| 25/11/22 | 15:47:23 | 10          | 0.1          | 310         | 0          | 3100 | 3146 G |        |
| 25/11/22 | 15:48:0  | 10          | 0.1          | 370         | 10.1       | 3700 | 3718 G |        |
| 25/11/22 | 15:48:0  | 10          | 0.1          | 370         | 20.2       | 3700 | 3718 G |        |
| 25/11/22 | 15:48:34 | 10          | 0.1          | 350         | 20.2       | 3500 | 3527 G |        |
| 25/11/22 | 15:48:34 | 10          | 0.1          | 300         | 30.3       | 3000 | 3051 G |        |
| 25/11/22 | 15:49:0  | 10          | 0.1          | 370         | 20.2       | 3700 | 3718 G |        |
| 25/11/22 | 15:49:9  | 10          | 0.1          | 380         | 20.2       | 3800 | 3813 G |        |
| 25/11/22 | 15:49:44 | 10          | 0.1          | 370         | 0          | 3700 | 3718 G |        |
| 25/11/22 | 15:50:0  | 10          | 0.1          | 310         | 20.2       | 3100 | 3146 G |        |

| Latitude | ongitude | Event  |
|----------|----------|--------|
| 26.91127 | 86.77608 | Normal |
| 26.90318 | 86.77322 | Normal |
| 26.89408 | 86.77137 | Normal |
| 26.88613 | 86.77305 | Normal |
| 26.87712 | 86.77172 | Normal |
| 26.868   | 86.76985 | Normal |
| 26.85965 | 86.7675  | Normal |
| 26.85312 | 86.76178 | Normal |
| 26.84422 | 86.76143 | Normal |

$$Y = 0 * X^2 + 0.952 * X + 195.8$$

X = 3100  
Y = 3146

(R) RURAL ROAD  
Good Average Poor  
<4000 4001-5000 >5001

25/11/22

25/11/22

25/11/22

Executive Engineer  
R.W.D. Works Division, Benipur

# RWD, Works Division, Benipur

Requisition Format for Scheme Head- MR (3054) under Bihar Rural Road Maintenance Policy-2018 (Initial Rectification and Surface Renewal)

| Name of Works Division:-RWD, (W) Division, Benipur |                  |                   |                       |                                               |                               |                                 |                                                                |                                                |                           |                                     |                           |                         |                                    |                                        |                                            |                                             |                                         |          |
|----------------------------------------------------|------------------|-------------------|-----------------------|-----------------------------------------------|-------------------------------|---------------------------------|----------------------------------------------------------------|------------------------------------------------|---------------------------|-------------------------------------|---------------------------|-------------------------|------------------------------------|----------------------------------------|--------------------------------------------|---------------------------------------------|-----------------------------------------|----------|
| Sl No                                              | Package No       | Name of Road      | Project ID as per MIS | Administrative Approval (AA) Letter No & Date | Administrative Length (In Km) | Administrative amount (In Lakh) | Agreement Initial Rectification With Surface Renewal (In Lakh) | Agreement 5 Year Routine Maintenance (in Lakh) | Agreement No & Date       | Date of Completion as per Agreement | Actual Date of Completion | Value of IRI (in mm/km) | Thickness of Bitumen Layer (in mm) | Value of Bitumen Content in Percentage | Previous Total Allocated Amount (in Lakhs) | Up-to-date Expenditure as per MIS (in Lakh) | Requisition against work done (in Lakh) | Remarks  |
| 1                                                  | 2                | 3                 | 4                     | 5                                             | 6                             | 7                               | 8                                                              | 9                                              | 10                        | 11                                  | 12                        | 13                      | 14                                 | 15                                     | 16                                         | 17                                          | 18                                      | 19       |
| 1                                                  | RW/DA/BEN/19/002 | MADHOPUR - JAKALI | 31909402017           | LT NO-1865 & Dated- 24.06.2019                | 0.87                          | 25.753                          | 16.46231                                                       | 7.88827                                        | MBD/2020-69-21-13-12-2021 | 13-12-2021                          | 30-11-2022                | 3506.11                 | 25MM                               | 5.3                                    | 0                                          | 0                                           | 16.08089                                | COMPLETE |

D.A.O  
R.W.D. Works Division, Benipur

Executive Engineer  
R.W.D. Works Division, Benipur

13-12-2021  
30/11/2022