

कार्यपालक अभियंता का कार्यालय  
ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधुबनी।  
पत्रांक:- 1194 अ०/३ दिनांक:- 27-06-2024

प्रेषक,

ई० रामबाबू,  
कार्यपालक अभियंता  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, मधुबनी।

सेवा में,

नोडल पदाधिकारी,  
एम०आर० 3054  
अनुरक्षण एवं मरम्मत कोषांग,  
ग्रामीण कार्य विभाग,  
बिहार, पटना।

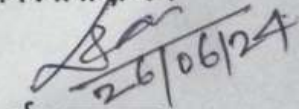
विषय:- शीर्ष 3054 अंतर्गत बिहार ग्रामीण पथ अनुरक्षण नीति-2018 के तहत स्वीकृत कार्यों के आवंटन की मांग हेतु अध्याचना के संबंध में।

महाशय,

उपरोक्त विषयक शीर्ष 3054 अंतर्गत बिहार ग्रामीण पथ अनुरक्षण नीति-2018 से संबंधित पथ में आवंटन हेतु वांछित विवरणी विहित प्रपत्र में तैयार कर भेजी जाती है।

अतः श्रीमान् से अनुरोध है कि उक्त पथ में आवंटन उपलब्ध कराने की कृपा की जाय ताकि स-समय भुगतान किया जा सके।  
अनु- यथोक्त।

विश्वासभाजन

  
26/06/24

ई० रामबाबू,  
कार्यपालक अभियंता

ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधुबनी।

# RWD, Works Division, Madhubani

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, Madhubani |                      |                              |                       |                                               |                              |                  |                                                      |                                      |                |                     |                                     |                           |                        |                                    |                                        |                                           |                                             |                                         |         |
|------------------------------------------------------|----------------------|------------------------------|-----------------------|-----------------------------------------------|------------------------------|------------------|------------------------------------------------------|--------------------------------------|----------------|---------------------|-------------------------------------|---------------------------|------------------------|------------------------------------|----------------------------------------|-------------------------------------------|---------------------------------------------|-----------------------------------------|---------|
| Sl No                                                | Package No           | Name of Road                 | Project ID as per MIS | Administrative Approval (AA) Letter No & Date | Administrative Approval (AA) |                  | Agreement Amount (in Lakh)                           |                                      |                | Agreement No & Date | Date of Completion as per Agreement | Actual Date of Completion | Value of BR (in mm/km) | Thickness of Bitumen Layer (in mm) | Value of Bitumen Content in Percentage | Previous Total Allocated Amount (in Lakh) | Up-to-date Expenditure as per MIS (in Lakh) | Requisition against work done (in Lakh) | Remarks |
|                                                      |                      |                              |                       |                                               | Length (in Km)               | amount (in Lakh) | Initial Rectification With Surface Renewal (in Lakh) | 5 Year Routine Maintenance (in Lakh) |                |                     |                                     |                           |                        |                                    |                                        |                                           |                                             |                                         |         |
| 1                                                    | 2                    | 3                            | 4                     | 5                                             | 6                            | 7                | 8                                                    | 9                                    | 10             | 11                  | 12                                  | 13                        | 14                     | 15                                 | 16                                     | 17                                        | 18                                          | 19                                      |         |
| 1                                                    | RM/M A/MAD /23/00 05 | T05 - DAHIBHAT NAROTTAM      | 31909602079           | Lt No-1942 Dt- 29.03.2023                     | 2.460                        | 143.890          | 98.62841                                             | 23.34645                             | 04MBD/ 2023-24 | 26.04.2024          | 24.04.2024                          | 3596.58                   | 25                     | 5.06                               | 0.00000                                | 0.00000                                   | 97.53487                                    |                                         |         |
|                                                      | RM/M A/MAD /23/00 05 | T02, - BIRAUL/TATMAPUR       | 31909602073           | Lt No-1942 Dt- 29.03.2023                     | 1.770                        | 116.920          | 78.56135                                             | 20.33565                             | 04MBD/ 2023-24 | 26.04.2024          | 24.04.2024                          | 3598.11                   | 25                     | 5.03                               | 0.00000                                | 0.00000                                   | 78.51434                                    |                                         |         |
| 2                                                    | RM/M A/MAD /23/00 05 | L029-L022 to THANTOLA (VR29) | 31909602105           | Lt No-1942 Dt- 29.03.2023                     | 3.200                        | 211.170          | 142.85722                                            | 34.73978                             | 04MBD/ 2023-24 | 26.04.2024          | 25.04.2024                          | 3673.94                   | 25                     | 5.06                               | 0.00000                                | 0.00000                                   | 141.46857                                   |                                         |         |
| Total:-                                              |                      |                              |                       |                                               | 7.43000                      | 471.98000        | 320.04698                                            | 78.42188                             |                |                     |                                     |                           |                        |                                    | 0.00000                                | 0.00000                                   | 317.51778                                   |                                         |         |

कायपालक अभियंता,  
ग्रामीण कार्य विभाग, कार्य प्रमंडल,  
मधुबनी

**New Maintenance Policy-2018**  
**FROM GFR 19-A**  
**(See Government of India's decision (1) below Rule-150)**  
**Form of Utilization Certificate upto 26-June-2024**

| SL NO | Name of Scheme                                                | Sanction No & date with Amount (in lacs)                                         | Amount Received (in Lacs) | Particulars                                                                                                                                                                                                                                                                                                                                                                                            |
|-------|---------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Construction of Rural roads under New Maintenance Policy-2018 | Fund Received form Secretary Cum Empowered officer BRRDA Patna upto F/Y -2024-25 | <b>4881.77974</b>         | Certified that out of <b>Rs.4881.77974 lacs.</b> of grants-in-aid sanctioned upto the year 2024-25 in favour of Executive Engineer R.W.D (Works) Division Madhubani under this department, a sum of <b>Rs.4870.83043 lacs.</b> has been utilized for the purpose of New Maintenance Policy-2018 schemes Fund and <b>Rs. 10.94931 lacs.</b> remaining unutilized at the end of the period under report. |
|       |                                                               | Expenditure the F/Y -                                                            | <b>4870.83043</b>         |                                                                                                                                                                                                                                                                                                                                                                                                        |
|       |                                                               | Balance-                                                                         | <b>10.94931</b>           |                                                                                                                                                                                                                                                                                                                                                                                                        |

2. Certified that I have satisfied myself that the condition on which the grant in aid was sanctioned have been duly fulfilled/are being fulfilled and then I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

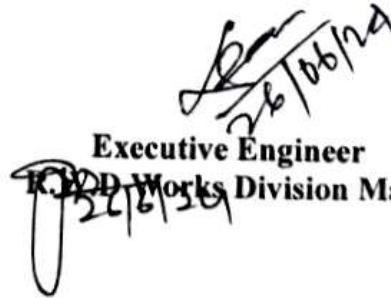
**Kind of Checks exercised: -**

- (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) Measurements have been recorded in the MBS and Test check conducted by the Assistant Engineer/ Executive Engineer
- (v) All other codal formalities have been observed.

3. **Physical Progress achieved:-**

- (vi) Construction of Road Works.
- (vii) Construction of CD Works.

**Sr. Divisional Account Officer**  
**R.W.D Works Division Madhubani**

**Executive Engineer**  
**R.W.D Works Division Madhubani**  


Name of Road- 1022 to Than tol road

| Date    | Time     | Section No. | Length in km | Bumps in mm | Speed Rate | OR mm/km | IRI, TEGORY ROAD | Latitude | Longitude | Event  |                                   |
|---------|----------|-------------|--------------|-------------|------------|----------|------------------|----------|-----------|--------|-----------------------------------|
| 10/6/24 | 17:47:12 | 81          | 0.1          | 300         | 10.1       | 3000     | 3948 G           | 26.51336 | 86.11432  | Normal | $Y = 0 * X^2 + 1.136 * X + 132.5$ |
| 10/6/24 | 17:49:25 | 81          | 0.1          | 240         | 10.1       | 2400     | 3538 G           | 26.51422 | 86.1148   | Normal | $X = 2300$                        |
| 10/6/24 | 17:54:8  | 81          | 0.1          | 310         | 10.1       | 3100     | 3802 G           | 26.51363 | 86.11363  | Normal | $Y = 4570$                        |
| 10/6/24 | 17:56:11 | 81          | 0.1          | 390         | 10.1       | 3900     | 4570 A           | 26.51289 | 86.11302  | Normal |                                   |
| 10/6/24 | 17:57:10 | 81          | 0.1          | 310         | 10.1       | 3100     | 3934 G           | 26.51180 | 86.11280  | Normal |                                   |
| 10/6/24 | 17:57:56 | 81          | 0.1          | 280         | 20.2       | 2800     | 3449 G           | 26.51102 | 86.11241  | Normal |                                   |
| 10/6/24 | 17:58:20 | 81          | 0.1          | 320         | 30.3       | 3200     | 3767 G           | 26.51017 | 86.11225  | Normal | (R) RURAL ROAD                    |
| 10/6/24 | 17:58:59 | 81          | 0.1          | 390         | 20.2       | 3900     | 4562 A           | 26.50946 | 86.11187  | Normal | Good                              |
| 10/6/24 | 17:59:20 | 81          | 0.1          | 270         | 10.1       | 2700     | 3335 G           | 26.50875 | 86.11105  | Normal | Average                           |
| 10/6/24 | 17:59:58 | 81          | 0.1          | 330         | 10.1       | 3300     | 3881 G           | 26.50777 | 86.11111  | Normal | Poor                              |
| 10/6/24 | 18:00:25 | 81          | 0.1          | 230         | 10.1       | 2300     | 2881 G           | 26.50722 | 86.1108   | Normal | <4000                             |
| 10/6/24 | 18:01:45 | 81          | 0.1          | 250         | 10.1       | 2500     | 3251 G           | 26.50616 | 86.11074  | Normal | 4001-5000                         |
| 10/6/24 | 18:01:45 | 81          | 0.1          | 300         | 10.1       | 3000     | 3948 G           | 26.51613 | 86.1147   | Normal | >5001                             |
| 10/6/24 | 18:07:12 | 81          | 0.1          | 220         | 10.1       | 2200     | 2938 G           | 26.51697 | 86.11497  | Normal |                                   |
| 10/6/24 | 18:07:47 | 81          | 0.1          | 240         | 10.1       | 2400     | 2802 G           | 26.51746 | 86.11515  | Normal |                                   |
| 10/6/24 | 18:08:8  | 81          | 0.1          | 290         | 10.1       | 2900     | 3970 G           | 26.5181  | 86.11527  | Normal |                                   |
| 10/6/24 | 18:08:44 | 81          | 0.1          | 310         | 10.1       | 3100     | 3934 G           | 26.51854 | 86.1147   | Normal |                                   |
| 10/6/24 | 18:09:6  | 81          | 0.1          | 280         | 20.2       | 2800     | 3767 G           | 26.51854 | 86.1147   | Normal |                                   |
| 10/6/24 | 18:09:42 | 81          | 0.1          | 320         | 20.2       | 3200     | 3562 G           | 26.51909 | 86.11143  | Normal |                                   |
| 10/6/24 | 18:10:0  | 81          | 0.1          | 270         | 10.1       | 2700     | 3335 G           | 26.51897 | 86.10992  | Normal |                                   |
| 10/6/24 | 18:10:17 | 81          | 0.1          | 330         | 10.1       | 3300     | 3881 G           | 26.51911 | 86.10889  | Normal |                                   |
| 10/6/24 | 18:11:19 | 81          | 0.1          | 310         | 10.1       | 3100     | 3983 G           | 26.51837 | 86.11616  | Normal |                                   |
| 10/6/24 | 18:16:7  | 81          | 0.1          | 320         | 10.1       | 3200     | 3903 G           | 26.5183  | 86.11709  | Normal |                                   |
| 10/6/24 | 18:17:0  | 81          | 0.1          | 260         | 10.1       | 2600     | 3630 G           | 26.51811 | 86.11805  | Normal |                                   |
| 10/6/24 | 18:17:19 | 81          | 0.1          | 290         | 20.2       | 2900     | 3562 G           | 26.51811 | 86.11805  | Normal |                                   |
| 10/6/24 | 18:18:0  | 81          | 0.1          | 250         | 10.1       | 2500     | 3585 G           | 26.5179  | 86.11966  | Normal |                                   |
| 10/6/24 | 18:18:29 | 81          | 0.1          | 310         | 10.1       | 3100     | 4062 A           | 26.51785 | 86.12056  | Normal |                                   |
| 10/6/24 | 18:19:0  | 81          | 0.1          | 270         | 10.1       | 2700     | 3607 G           | 26.51791 | 86.12148  | Normal |                                   |
| 10/6/24 | 18:19:35 | 81          | 0.1          | 300         | 10.1       | 3000     | 3812 G           | 26.5181  | 86.12227  | Normal |                                   |
| 10/6/24 | 18:20:15 | 81          | 0.1          | 250         | 10.1       | 2500     | 3244 G           | 26.5187  | 86.12392  | Normal |                                   |
| 3673.94 |          |             |              |             |            |          |                  |          |           |        |                                   |

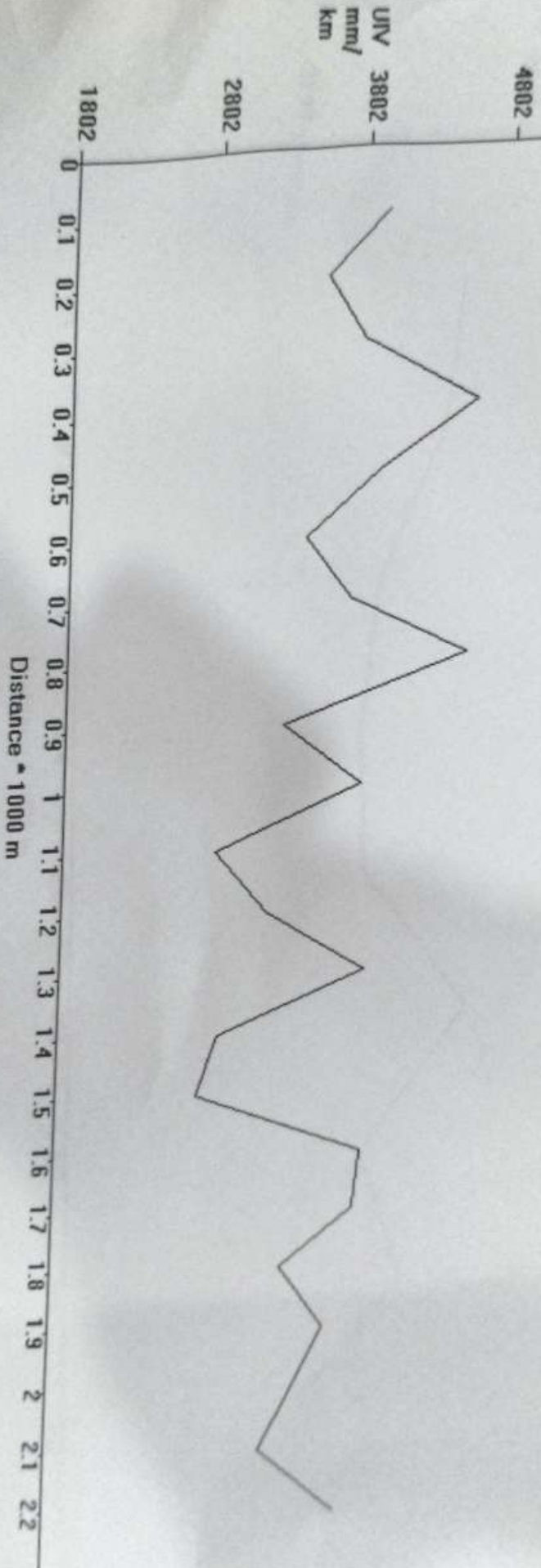
Y = 0 \* X^2 + 1.136 \* X + 132.5  
X = 2300  
Y = 4570

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

Executive Engineer  
R.W.D. Works Division  
Madhubani

26/06/24

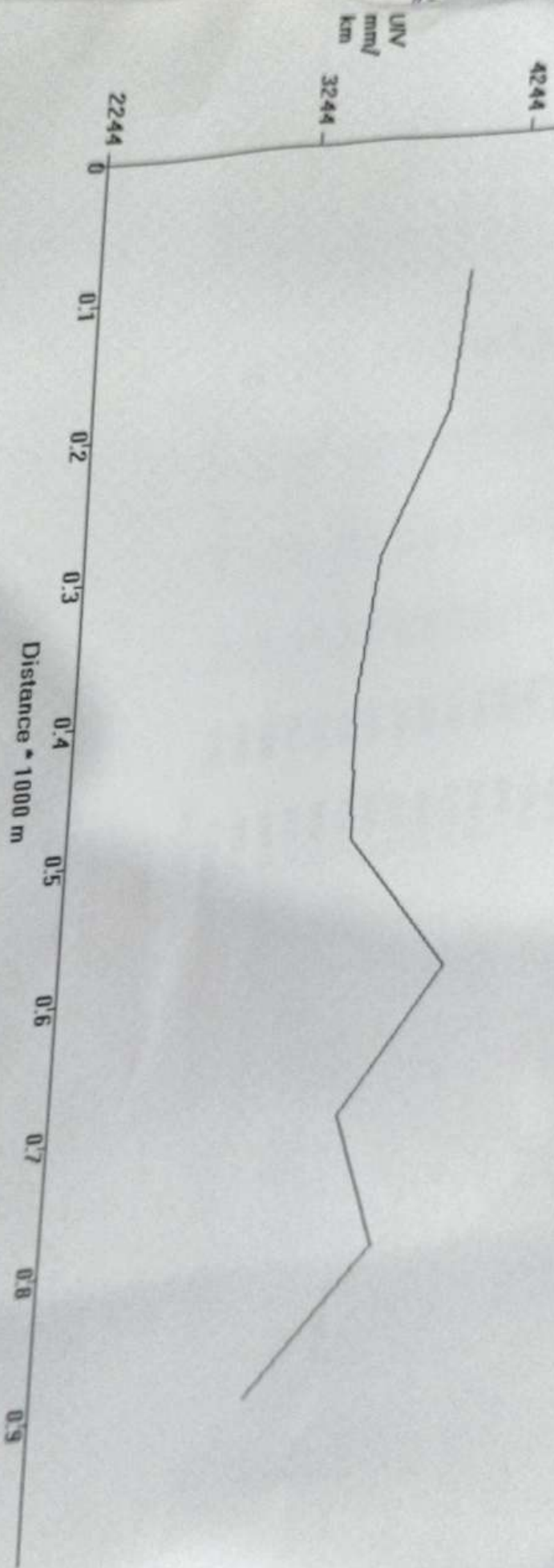
File : C:\Users\HP\Desktop\BUMP INDICATOR\SURAJ YADAV\25062036.Xls. Section No. 81, Egn :  $Y = 0 + X + 2 +$   
 Name of Customer : SRI BINOD YADAV, Name of Work/ Road : L022 to Than tola Part-1, Lab Job number : 81



10/06/24

Executive Engineer  
 R.W.D. Works Division  
 Madhubani

File : C:\Users\HP\Desktop\BUMP INDICATOR\SURAJ YADAV\25062036.xls. Section No. : 82. Egn :  $Y = 0 \cdot X^2 + 2 \cdot$   
 Name of Customer : Sri Binod Yadav. Name of Work/ Road : L022 to Than tola Part-2. Lab Job number : 82



*[Signature]*  
 Executive Engineer  
 R.W.D. Works Division  
 Madhubani

# Name of road :-T05 to Dahiwatt Narottam road

| Date    | Time     | Section No. | Length in km | Bumps in mm | Speed Rate | OR mm/km | IRI     | TEGORY |
|---------|----------|-------------|--------------|-------------|------------|----------|---------|--------|
| 11/6/24 | 17:54:18 | 87          | 0.1          | 260         | 10.1       | 2600     | 3494 G  |        |
| 11/6/24 | 17:54:18 | 87          | 0.1          | 210         | 10.1       | 2100     | 2743 G  |        |
| 11/6/24 | 17:55:0  | 87          | 0.1          | 310         | 20.2       | 3100     | 3871 G  |        |
| 11/6/24 | 17:55:0  | 87          | 0.1          | 300         | 20.2       | 3000     | 3812 G  |        |
| 11/6/24 | 17:55:28 | 87          | 0.1          | 210         | 20.2       | 2100     | 2790 G  |        |
| 11/6/24 | 17:55:28 | 87          | 0.1          | 300         | 20.2       | 3000     | 3540 G  |        |
| 11/6/24 | 17:56:1  | 87          | 0.1          | 260         | 20.2       | 2600     | 3494 G  |        |
| 11/6/24 | 17:56:1  | 87          | 0.1          | 330         | 20.2       | 3300     | 4181 G  |        |
| 11/6/24 | 17:56:37 | 87          | 0.1          | 310         | 20.2       | 3100     | 3654 G  |        |
| 11/6/24 | 17:56:37 | 87          | 0.1          | 310         | 20.2       | 3100     | 3654 G  |        |
| 11/6/24 | 17:57:14 | 87          | 0.1          | 330         | 20.2       | 3300     | 3922 G  |        |
| 11/6/24 | 17:57:14 | 87          | 0.1          | 350         | 10.1       | 3500     | 4295 A  |        |
| 11/6/24 | 17:58:0  | 87          | 0.1          | 320         | 10.1       | 3200     | 3898 G  |        |
| 11/6/24 | 17:58:0  | 87          | 0.1          | 250         | 20.2       | 2500     | 3222 G  |        |
| 11/6/24 | 17:58:25 | 87          | 0.1          | 230         | 10.1       | 2300     | 3289 G  |        |
| 11/6/24 | 17:59:0  | 87          | 0.1          | 290         | 10.1       | 2900     | 3698 G  |        |
| 11/6/24 | 18:00:25 | 87          | 0.1          | 280         | 10.1       | 2800     | 3585 G  |        |
|         |          |             |              |             |            |          | 3596.58 |        |

| Latitude | ongitude | Event  |  |
|----------|----------|--------|--|
| 26.28999 | 86.10419 | Normal |  |
| 26.28989 | 86.10323 | Normal |  |
| 26.29005 | 86.10232 | Normal |  |
| 26.2902  | 86.10136 | Normal |  |
| 26.28948 | 86.10101 | Normal |  |
| 26.28948 | 86.10101 | Normal |  |
| 26.28769 | 86.10015 | Normal |  |
| 26.28758 | 86.1001  | Normal |  |
| 26.28758 | 86.1001  | Normal |  |
| 26.28502 | 86.99865 | Normal |  |
| 26.28496 | 86.99862 | Normal |  |
| 26.28375 | 86.10039 | Normal |  |
| 26.28405 | 86.1018  | Normal |  |
| 26.28407 | 86.10187 | Normal |  |
| 26.28449 | 86.10367 | Normal |  |
| 26.28442 | 86.1047  | Normal |  |
| 26.28321 | 86.10864 | Normal |  |

$$V = 0.5 \times X + 2 + 1.136 \times X + 132.5$$

$$X = 2100$$

$$V = 4295$$

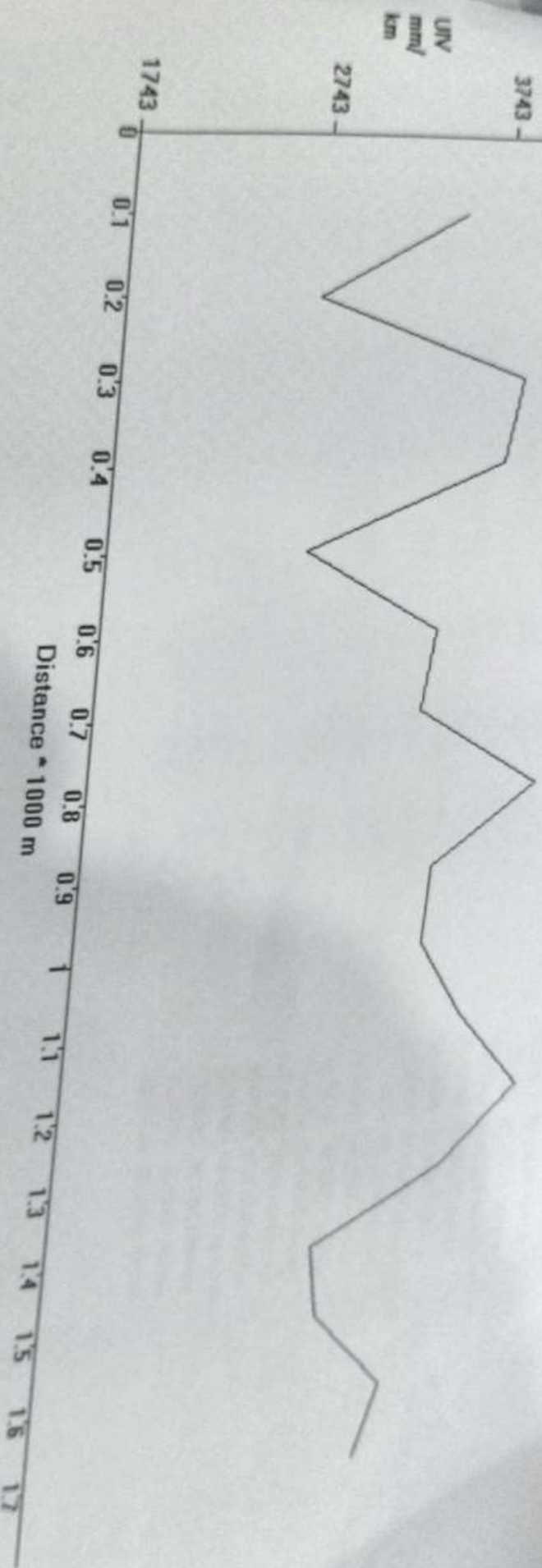
(R) RURAL ROAD  
Good Average Poor  
<4000 4001-5000 >5001

*[Handwritten signature]*

Executive Engineer  
R.W.D. Works Division  
Madhubani

*[Handwritten signature]*

File : C:\Users\HP\Desktop\BUMP INDICATOR\SUPAJ YADAV\25062036.xls. Section No. : 87, Egn :  $Y = 0 \cdot X + 2 \cdot$   
 Name of Customer : Sri Binod Yadav. Name of Work/ Road : T05 to Dahiwan Harotham road. Lab Job number : 87



2/11/19/24

24/06/24  
 Executive Engineer  
 RWD, Works Division  
 Madhubani

# Name of Road:- T02 to Biraul road

| Date    | Time     | Section No. | Length in km | Bumps in mm | Speed Rate | OR mm/km | IRI  | TEGORY ROAD |
|---------|----------|-------------|--------------|-------------|------------|----------|------|-------------|
| 11/6/24 | 18:51:8  | 91          | 0.1          | 260         | 10.1       | 2600     | 3358 | G           |
| 11/6/24 | 18:51:43 | 91          | 0.1          | 330         | 20.2       | 3300     | 3952 | G           |
| 11/6/24 | 18:52:0  | 91          | 0.1          | 310         | 20.2       | 3100     | 3654 | G           |
| 11/6/24 | 18:52:0  | 91          | 0.1          | 260         | 20.2       | 2600     | 3222 | G           |
| 11/6/24 | 18:52:19 | 91          | 0.1          | 290         | 20.2       | 2900     | 3834 | G           |
| 11/6/24 | 18:52:19 | 91          | 0.1          | 220         | 10.1       | 2200     | 2970 | G           |
| 11/6/24 | 18:53:0  | 91          | 0.1          | 280         | 20.2       | 2800     | 3721 | G           |
| 11/6/24 | 18:53:0  | 91          | 0.1          | 250         | 20.2       | 2500     | 3585 | G           |
| 11/6/24 | 18:53:30 | 91          | 0.1          | 300         | 20.2       | 3000     | 3540 | G           |
| 11/6/24 | 18:53:30 | 91          | 0.1          | 330         | 20.2       | 3300     | 3881 | G           |
| 11/6/24 | 18:53:30 | 91          | 0.1          | 280         | 20.2       | 2800     | 3313 | G           |
| 11/6/24 | 18:54:4  | 91          | 0.1          | 330         | 10.1       | 3300     | 3881 | G           |
| 11/6/24 | 18:54:4  | 91          | 0.1          | 330         | 20.2       | 3300     | 3881 | G           |
| 11/6/24 | 18:55:15 | 91          | 0.1          | 250         | 20.2       | 2500     | 3516 | G           |
| 11/6/24 | 18:55:15 | 91          | 0.1          | 300         | 20.2       | 3000     | 3908 | G           |
| 11/6/24 | 18:56:0  | 91          | 0.1          | 290         | 20.2       | 2900     | 3721 | G           |
| 11/6/24 | 18:56:0  | 91          | 0.1          | 280         | 20.2       | 2800     | 3585 | G           |
| 11/6/24 | 19:1:0   | 91          | 0.1          | 250         | 20.2       | 2500     | 3244 | G           |
|         |          |             |              |             |            |          |      | 3598.11     |

| Latitude | ongitude | Event               |
|----------|----------|---------------------|
| 26.30245 | 86.1848  | Normal              |
| 26.30179 | 86.1854  | Speed Bre: Y = 3952 |
| 26.30141 | 86.18638 | Normal              |
| 26.301   | 86.18721 | Normal              |
| 26.3004  | 86.18803 | Normal              |
| 26.30011 | 86.18879 | Normal              |
| 26.30018 | 86.18978 | Normal              |
| 26.30001 | 86.19076 | Speed Breaker       |
| 26.3     | 86.19178 | Normal              |
| 26.30003 | 86.19274 | Normal              |
| 26.30001 | 86.19377 | Normal              |
| 26.30014 | 86.19475 | Normal              |
| 26.30048 | 86.19564 | Normal              |
| 26.30054 | 86.19665 | Normal              |
| 26.30108 | 86.19737 | Speed Breaker       |
| 26.3017  | 86.19813 | Normal              |
| 26.30176 | 86.19907 | Normal              |
| 26.30113 | 86.19946 | Normal              |

$$Y = 0 * X^2 + 1.136 * X + 132.5$$

$$X = 2200$$

$$Y = 3952$$

(R) RURAL ROAD

Good Average Poor

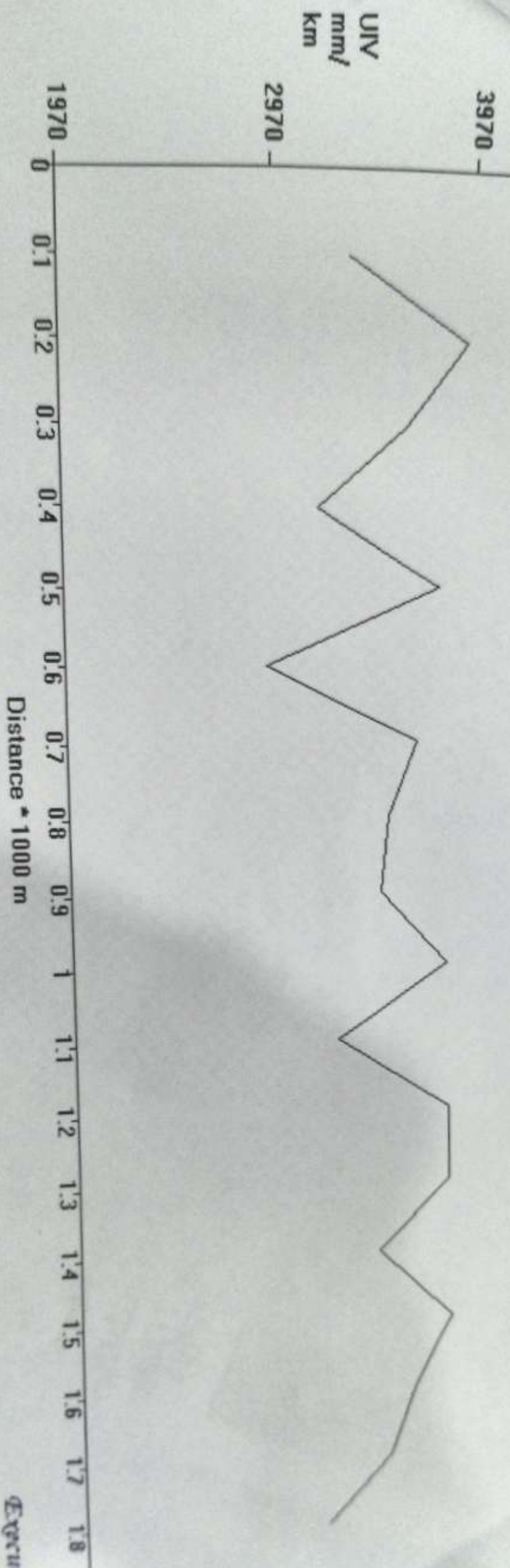
<4000 4001-5000 >5001

21/10/24

Executive Engineer  
R.W.D. Works Division  
Madhavani

21/10/24

File : C:\Users\HP\Desktop\BUMP INDICATOR\SURAJ YADAV\25062036.Xls, Section No. :91, Egn :  $Y = 0 \cdot X^2 +$   
 Name of Customer : Sri Binod Yadav, Name of Work/ Road : T02 to Biraul road, Lab Job number :91



*[Signature]*  
 Executive Engineer  
 R.W.D. Works Division  
 Madhubani  
 21/06/24



OFFICE OF THE EXECUTIVE ENGINEER, REGIONAL LABORATORY, DARBHANGA (BIHAR)

Name of the Scheme Const. & maint. of road & L.D. work 702 to  
Baraul road  
 Package No. SM/MD/23-24  
 Sample collected by Vide. Lt. No. - 38 dt. 10.4.24  
 Date of sample collection 28.5.24

Name of the works Division Rd. Madhubani  
 Name of the work circle Madhubani  
 Name of Agency 5th Div. Bihar  
 Date of test 29.5.24

| Sl No | Sample No                                                              | 1       | 2 | 3 |
|-------|------------------------------------------------------------------------|---------|---|---|
| 1     | Wt. of mix taken before extraction (A) gm                              | 500.340 |   |   |
| 2     | Wt. of filter paper before extraction (B) gm                           | 5.620   |   |   |
| 3     | Wt. of mix after extraction (C) gm                                     | 472.080 |   |   |
| 4     | Wt. of filter paper after extraction (D) gm                            | 6.560   |   |   |
| 5     | Wt. of filler collected from extract after allowing for setting (E) gm | 2.130   |   |   |
| 6     | Wt. of filler collected in filter paper (D-B)=F gm                     | 0.940   |   |   |
| 7     | Wt. of aggregate + filter paper (C+E+F)=G gm                           | 475.150 |   |   |
| 8     | Percentage of Bitumen (in the mix) [(A-G)x100/A]                       | 5.03%   |   |   |

29/05/24  
 Laboratory Assistant  
 R.W.D, Regional Laboratory  
 Darbhanga (Bihar)

29/05/24  
 Assistant Engineer  
 R.W.D, Regional Laboratory  
 Darbhanga (Bihar)

29/05/24  
 Executive Engineer  
 R.W.D, Regional Laboratory  
 Darbhanga (Bihar)

OFFICE OF THE EXECUTIVE ENGINEER, REGIONAL LABORATORY, R.W.D, DARBHANGA (BIHAR)  
BITUMEN PERCENTAGE TEST

Name of the Scheme Gravel & macadam of road & L.D. work. TOS  
to Darbhanga, Naxalbari road  
 Package No. 04MSD/23-24  
 Sample collected by date 18.10.24 No. 38 dt. 18.10.24  
 Date of sample collection 28.5.24

Name of the works Division RD Naxalbari  
 Name of the work circle Naxalbari  
 Name of Agency 5th District Naxalbari  
 Date of test 28.5.24

| Sl No | Sample No                                                              | 1       | 2 | 3 |
|-------|------------------------------------------------------------------------|---------|---|---|
| 1     | Wt. of mix taken before extraction (A) gm                              | 500.340 |   |   |
| 2     | Wt. of filter paper before extraction (B) gm                           | 5.580   |   |   |
| 3     | Wt. of mix after extraction (C) gm                                     | 472.040 |   |   |
| 4     | Wt. of filter paper after extraction (D) gm                            | 6.460   |   |   |
| 5     | Wt. of filler collected from extract after allowing for setting (E) gm | 2.070   |   |   |
| 6     | Wt. of filler collected in filter paper (D-B)=F gm                     | 0.880   |   |   |
| 7     | Wt. of aggregate + filter paper (C+E+F)=G gm                           | 474.990 |   |   |
| 8     | Percentage of Bitumen (in the mix) [(A-G)x100/A]                       | 5.06%   |   |   |

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29/05/24  
 Executive Engineer  
 R.W.D, Regional Laboratory  
 Darbhanga (Bihar)

OFFICE OF THE EXECUTIVE ENGINEER, REGIONAL LABORATORY, R.W.D, DARBHANGA (BIHAR)  
BITUMEN PERCENTAGE TEST

Name of the Scheme Gravel & macadam of road A.C.D. work  
Lot 2 to 7 km. distan road  
Package No. 84 M&D/ 23-24  
Sample collected by vide 44 No-38 dt-10-4-24  
Date of sample collection 29.5.24

Name of the works Division Field Madhubani  
Name of the work circle Madhubani  
Name of Agency 3m Binod Yadav  
Date of test 29.5.24

| Sl No | Sample No                                                              | 1       | 2 | 3 |
|-------|------------------------------------------------------------------------|---------|---|---|
| 1     | Wt. of mix taken before extraction (A) gm                              | 500.390 |   |   |
| 2     | Wt. of filter paper before extraction (B) gm                           | 5.470   |   |   |
| 3     | Wt. of mix after extraction (C) gm                                     | 471.980 |   |   |
| 4     | Wt. of filter paper after extraction (D) gm                            | 6.390   |   |   |
| 5     | Wt. of filler collected from extract after allowing for setting (E) gm | 2.160   |   |   |
| 6     | Wt. of filler collected in filter paper (D-B)=F gm                     | 0.920   |   |   |
| 7     | Wt. of aggregate + filter paper (C+E+F)=G gm                           | 475.660 |   |   |
| 8     | Percentage of Bitumen (in the mix) [(A-G)x100/A]                       | 5.06%   |   |   |

29/05/2024  
Laboratory Assistant  
R.W.D, Regional Laboratory  
Darbhanga (Bihar)

29/05/24  
Assistant Engineer  
R.W.D, Regional Laboratory  
Darbhanga (Bihar)

29/05  
Executive Engineer  
R.W.D, Regional Labor  
Darbhanga (Bih



# 1st on AIC Bill

Name to work—  
 Situation of work—  
 Agency by which work is executed—  
 Date of measurement—  
 No. and date of agreement—  
 (Those 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. |                  |
| Name of work:- M/R-N/2023     |                               |   |    |    |                  |
| -2024/Madhubani/O.I.,         |                               |   |    |    |                  |
| Output & performance          |                               |   |    |    |                  |
| Banco Maintn of road          |                               |   |    |    |                  |
| & CD work Lot 2 to than       |                               |   |    |    |                  |
| fala road.                    |                               |   |    |    |                  |
| Agency:- Sri Binod Yadav,     |                               |   |    |    |                  |
| WU - Dabhan, PO - Bithuan,    |                               |   |    |    |                  |
| PS - Panday, Dist - Madhubani |                               |   |    |    |                  |
| 847211                        |                               |   |    |    |                  |

Agreement no:— 04/MRD/2023-24  
 Date of Commence:— 27.07.2023  
 Date of Completion:— 26.04.2024  
 Rate:— 10% Below of BOB

## Record Measurement

1. Clearing and Grubbing  
 road (and) do-do —  
 —all complete Job.

$$2 \times 10 \text{ Nos} \times 30.00 \times 1.125 = 675.00 \text{ m}^2$$

$$2 \times 10 \text{ Nos} \times 30.00 \times 1.125 = 675.00 \text{ m}^2$$

$$2 \times 5 \text{ Nos} \times 30.00 \times 1.125 = 337.50 \text{ m}^2$$

$$2 \times 5 \text{ Nos} \times 30.00 \times 1.125 = 337.50 \text{ m}^2$$

$$\text{C.D.} = 2025.00 \text{ m}^2$$

Continuation

| Particulars                     | Details of actual measurement |   |   |   | Contents of area |
|---------------------------------|-------------------------------|---|---|---|------------------|
|                                 | No                            | L | B | D |                  |
| T. Qty: 214.88 m <sup>2</sup>   |                               |   |   |   |                  |
| @ R 219.54/m <sup>2</sup> R     |                               |   |   |   | 471342           |
| 24/169 Brick masonry work       |                               |   |   |   |                  |
| in cement mortar (1:1:3)        |                               |   |   |   |                  |
| do do - all complete            |                               |   |   |   |                  |
| Job                             |                               |   |   |   |                  |
| Qty. wide road (11/12)          |                               |   |   |   |                  |
| Qty: 2.50 + 3.36 + 2.98 +       |                               |   |   |   |                  |
| + 2.78 + = 11.62 m <sup>3</sup> |                               |   |   |   |                  |
| @ R 6289.64/m <sup>3</sup> R    |                               |   |   |   | 728532           |
| 25/166 pro. and laying of R.C.  |                               |   |   |   |                  |
| pipe surrounding                |                               |   |   |   |                  |
| across the road.                |                               |   |   |   |                  |
| do do - all complete            |                               |   |   |   |                  |
| Job                             |                               |   |   |   |                  |
| Qty wide road (16)              |                               |   |   |   |                  |
| Qty: 60.0 R                     |                               |   |   |   |                  |
| @ R 1033.63/R.M R               |                               |   |   |   | 620172           |
| R 130875472                     |                               |   |   |   |                  |
| Adj G.S.T @ 18% R               |                               |   |   |   | 23557582         |
| Adj L.C.P.S @ 1% R              |                               |   |   |   | 1308752          |
| Adj S.Fee @ 10% R               |                               |   |   |   | 1445502          |
| R 157182302                     |                               |   |   |   |                  |
| Less 10% Below R                |                               |   |   |   | 15718232         |
| R 141468572                     |                               |   |   |   |                  |

Continuation

25/04/2024

25.04.2024  
JE