

Certified that this measurement has  
been conducted and found correct  
for the purpose of the bill of  
materials (W) Sub Kotwa for  
road.

Executive Engineer

R.W.D (W) Division

Sd/- M. M. Mahajan

12.10.21

Schedule XIV Form No.-134

DIVISION

R.W.D (W)

SUB-DIVISION

Kotwa

MBR-6669

## MEASUREMENT BOOK

Name of officer \_\_\_\_\_

Date of first entry \_\_\_\_\_

Date of last entry \_\_\_\_\_



# 3rd on A/c (Recast Bill)

17

Sch. XLV-Form No. 134

| Particulars                                                      | Details of actual measurement |    |    |    | Contents of area |
|------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                  | No.                           | L. | B. | D. |                  |
| N/W-Cont. of road from Tildar Majra Chowk to Gaid (under survey) |                               |    |    |    |                  |
| Agency:- Santosh Prasad Yadav                                    |                               |    |    |    |                  |
| Agreement No- 03 MBD of 8.08.14-75                               |                               |    |    |    |                  |
| Agreement Value- Rs 14,84,149.86=00                              |                               |    |    |    |                  |
| Cont. Cost- Rs 38039.556=00                                      |                               |    |    |    |                  |
| Maint. Cost- Rs 4332370=00                                       |                               |    |    |    |                  |
| Date of Work order- 05/08/2024                                   |                               |    |    |    |                  |
| Date of Completion- 04/08/25                                     |                               |    |    |    |                  |
| Measurement                                                      |                               |    |    |    |                  |
| NIL                                                              |                               |    |    |    |                  |
| <div>At 13/03/25<br/>3.5</div> <div>Chowk 13/03/25<br/>4.5</div> |                               |    |    |    |                  |
| Abstract of Cost.                                                |                               |    |    |    |                  |
| (1) P/E of Bench mark - etc.                                     |                               |    |    |    |                  |
| TMB P-38(1) - 4.75 km                                            |                               |    |    |    |                  |
| @ Rs 14980.64/km = Rs 71158=00                                   |                               |    |    |    |                  |
| (2) clearing and grubbing road land                              |                               |    |    |    |                  |
| By TMB P-38(2) - 1.90 ha.                                        |                               |    |    |    |                  |
| @ Rs 76926.08/ha. Rs 146160=00                                   |                               |    |    |    |                  |
| (3) Smoothing existing bituminous surface                        |                               |    |    |    |                  |
| By TMB P-38(3) - 3926.25 m <sup>2</sup>                          |                               |    |    |    |                  |
| @ Rs 15.418/m <sup>2</sup> Rs 60535=00                           |                               |    |    |    |                  |

Continuation

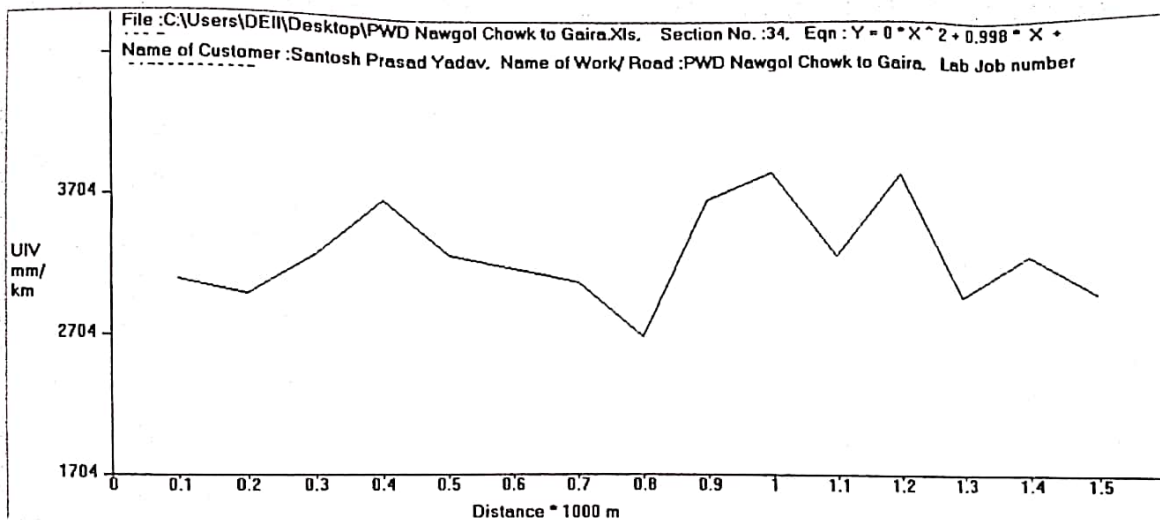




Analysis

Name of Customer : Santosh Prasad Yadav  
Name of Work/ Road : PWD Nawgol Chowk to Gaira  
Lab Job number : 3170820280005  
Date : 05-03-2025  
Section No. : 34

Test Date : 05-03-2025 Road Name : PWD Nawgol Chowk to Gaira  
Machine No : 376 Road Type : (R) RURAL ROAD  
Start S No : 0.00 KM Side :  
Start E No : 4.750 KM  
Weather :  
UIV Range : 1704 To 5000 Interval 1000 mm/km  
Start Location : Dist Range : 0 To 1.6 0.1 = 1000 m  
End Location : Equation :  $Y = 0 \cdot X^2 + 0.998 \cdot X + 109.5$



A  
13/03/25  
J.E

Chom  
13/03/25  
A.E

Gmt  
13/3/25

**Road Name-PWD Nawgol Chowk to Galra, Contractor-Santosh Prasad Yadav**  
**Project ID-3170820280005**

| Date   | Time     | Section No. | Length in km | Bumps in mm | Speed Rate | OR mm/km | UIV    | IRI,TEGORY ROAD | Latitude | Longitude | Event                             |
|--------|----------|-------------|--------------|-------------|------------|----------|--------|-----------------|----------|-----------|-----------------------------------|
| 5/3/25 | 9:53:37  | 34          | 0.1          | 300         | 10.1       | 3000     | 3103 G | 26.80808        | 84.82778 | Normal    | $Y = 0 * X^2 + 0.998 * X + 109.5$ |
| 5/3/25 | 9:54:11  | 34          | 0.1          | 290         | 20.2       | 2900     | 3003 G | 26.80811        | 84.82874 | Normal    | X = 3300                          |
| 5/3/25 | 9:54:46  | 34          | 0.1          | 320         | 20.2       | 3200     | 3303 G | 26.80827        | 84.82973 | Curve     | Y = 3402                          |
| 5/3/25 | 9:55:21  | 34          | 0.1          | 360         | 10.1       | 3600     | 3702 G | 26.80848        | 84.83064 | Normal    |                                   |
| 5/3/25 | 9:56:0   | 34          | 0.1          | 320         | 20.2       | 3200     | 3303 G | 26.80866        | 84.832   | Normal    |                                   |
| 5/3/25 | 9:57:0   | 34          | 0.1          | 310         | 20.2       | 3100     | 3203 G | 26.80882        | 84.83259 | Normal    | (R) RURAL ROAD                    |
| 5/3/25 | 9:57:7   | 34          | 0.1          | 300         | 10.1       | 3000     | 3103 G | 26.80879        | 84.83357 | Normal    | Good Average Poor                 |
| 5/3/25 | 9:57:43  | 34          | 0.1          | 260         | 10.1       | 2600     | 2704 G | 26.80842        | 84.83434 | Curve     | <4000 4001-5000 >5001             |
| 5/3/25 | 9:57:43  | 34          | 0.1          | 360         | 20.2       | 3600     | 3702 G | 26.80758        | 84.83443 | Normal    |                                   |
| 5/3/25 | 9:58:0   | 34          | 0.1          | 380         | 20.2       | 3800     | 3901 G | 26.8067         | 84.83424 | Culvert   |                                   |
| 5/3/25 | 9:58:18  | 34          | 0.1          | 320         | 20.2       | 3200     | 3303 G | 26.80585        | 84.83394 | Normal    |                                   |
| 5/3/25 | 9:58:53  | 34          | 0.1          | 380         | 10.1       | 3800     | 3901 G | 26.80507        | 84.83342 | Normal    |                                   |
| 5/3/25 | 9:59:0   | 34          | 0.1          | 290         | 10.1       | 2900     | 3003 G | 26.80428        | 84.83298 | Normal    |                                   |
| 5/3/25 | 9:59:28  | 34          | 0.1          | 320         | 10.1       | 3200     | 3303 G | 26.80347        | 84.83259 | Normal    |                                   |
| 5/3/25 | 10:0:4   | 34          | 0.1          | 290         | 10.1       | 2900     | 3003 G | 26.80327        | 84.83168 | Normal    |                                   |
| 5/3/25 | 11:10:48 | 35          | 0.1          | 330         | 10.1       | 3300     | 3402 G | 26.72581        | 84.77027 | Normal    |                                   |
| 5/3/25 | 11:11:0  | 35          | 0.1          | 330         | 20.2       | 3300     | 3402 G | 26.72497        | 84.76992 | Normal    |                                   |
| 5/3/25 | 11:11:24 | 35          | 0.1          | 350         | 20.2       | 3500     | 3602 G | 26.72407        | 84.76981 | Normal    |                                   |
| 5/3/25 | 11:12:0  | 35          | 0.1          | 360         | 10.1       | 3600     | 3702 G | 26.72322        | 84.76975 | Normal    |                                   |
| 5/3/25 | 11:12:0  | 35          | 0.1          | 360         | 10.1       | 3600     | 3702 G | 26.72235        | 84.76943 | Normal    |                                   |
| 5/3/25 | 11:12:0  | 35          | 0.1          | 360         | 10.1       | 3600     | 3702 G | 26.72235        | 84.76943 | Normal    |                                   |
| 5/3/25 | 11:12:34 | 35          | 0.1          | 370         | 10.1       | 3700     | 3802 G | 26.72157        | 84.76901 | Normal    |                                   |
| 5/3/25 | 11:13:0  | 35          | 0.1          | 370         | 20.2       | 3700     | 3802 G | 26.72079        | 84.76852 | Normal    |                                   |
| 5/3/25 | 11:13:45 | 35          | 0.1          | 340         | 20.2       | 3400     | 3502 G | 26.72005        | 84.768   | Normal    |                                   |
| 5/3/25 | 11:19:0  | 36          | 0.1          | 290         | 20.2       | 2900     | 3003 G | 26.723          | 84.77056 | Normal    |                                   |
| 5/3/25 | 11:19:0  | 36          | 0.1          | 290         | 20.2       | 2900     | 3003 G | 26.723          | 84.77056 | Normal    |                                   |
| 5/3/25 | 11:19:25 | 36          | 0.1          | 320         | 10.1       | 3200     | 3303 G | 26.72263        | 84.7713  | Normal    |                                   |
| 5/3/25 | 11:19:25 | 36          | 0.1          | 330         | 10.1       | 3300     | 3402 G | 26.72255        | 84.77232 | Normal    |                                   |
| 5/3/25 | 11:19:25 | 36          | 0.1          | 330         | 10.1       | 3300     | 3402 G | 26.72255        | 84.77232 | Normal    |                                   |
| 5/3/25 | 11:33:27 | 39          | 0.1          | 370         | 10.1       | 3700     | 3802 G | 26.7301         | 84.79327 | Normal    |                                   |
| 5/3/25 | 11:34:2  | 39          | 0.1          | 290         | 10.1       | 2900     | 3003 G | 26.73097        | 84.79343 | Normal    |                                   |

*A*  
13/03/25  
J.E.

*Chm*  
13/03/25  
P.E.

*Qmt*  
13/3/25

|             |          |    |     |     |      |          |        |          |          |        |
|-------------|----------|----|-----|-----|------|----------|--------|----------|----------|--------|
| 5/3/25      | 11:34:37 | 39 | 0.1 | 380 | 10.1 | 3800     | 3901 G | 26.73162 | 84.79274 | Curve  |
| 5/3/25      | 11:35:0  | 39 | 0.1 | 340 | 10.1 | 3400     | 3502 G | 26.73237 | 84.79323 | Normal |
| 5/3/25      | 11:35:12 | 39 | 0.1 | 380 | 10.1 | 3800     | 3901 G | 26.73323 | 84.79359 | Normal |
| 5/3/25      | 11:35:48 | 39 | 0.1 | 350 | 10.1 | 3500     | 3602 G | 26.734   | 84.79409 | Normal |
| 5/3/25      | 11:36:0  | 39 | 0.1 | 310 | 10.1 | 3100     | 3203 G | 26.7345  | 84.79493 | Curve  |
| 5/3/25      | 11:36:23 | 39 | 0.1 | 350 | 20.2 | 3500     | 3602 G | 26.73526 | 84.79539 | Normal |
| 5/3/25      | 11:36:23 | 39 | 0.1 | 300 | 20.2 | 3000     | 3103 G | 26.73604 | 84.79572 | Normal |
| 5/3/25      | 11:37:0  | 39 | 0.1 | 290 | 20.2 | 2900     | 3003 G | 26.73692 | 84.79608 | Normal |
| 5/3/25      | 11:37:0  | 39 | 0.1 | 320 | 10.1 | 3200     | 3303 G | 26.73775 | 84.79643 | Normal |
| 5/3/25      | 11:37:33 | 39 | 0.1 | 380 | 10.1 | 3800     | 3901 G | 26.73858 | 84.7967  | Normal |
| 5/3/25      | 11:42:16 | 39 | 0.1 | 320 | 10.1 | 3200     | 3303 G | 26.7394  | 84.7971  | Normal |
| 5/3/25      | 11:43:26 | 39 | 0.1 | 270 | 10.1 | 2700     | 2804 G | 26.74016 | 84.79761 | Normal |
| 5/3/25      | 11:44:1  | 39 | 0.1 | 300 | 10.1 | 3000     | 3103 G | 26.74093 | 84.79808 | Normal |
| 5/3/25      | 11:44:1  | 39 | 0.1 | 350 | 20.2 | 3500     | 3602 G | 26.74172 | 84.79854 | Normal |
| 5/3/25      | 11:44:37 | 39 | 0.1 | 330 | 20.2 | 3300     | 3402 G | 26.7425  | 84.79901 | Normal |
| 5/3/25      | 11:44:37 | 39 | 0.1 | 310 | 20.2 | 3100     | 3203 G | 26.74334 | 84.79928 | Normal |
| 5/3/25      | 11:45:12 | 39 | 0.1 | 370 | 10.1 | 3700     | 3802 G | 26.74417 | 84.79948 | Normal |
| Total IRI   |          |    |     |     |      | 163316   |        |          |          |        |
| Average IRI |          |    |     |     |      | 3402.417 |        |          |          |        |

A  
13/03/25  
JE

*[Signature]*  
13/03/25  
AE

*[Signature]*  
13/3/25  
Executive Engineer  
Rural works Department  
Works Division, Motihari