

PMHSY Path to Sakarpur (ham hani  
Diyana) under PMHSY (W.B)

**Schedule XLV-Form No. 134**

कार्यपालक अभियन्ता

ग्रामीण कार्य विभाग

कार्य प्रमंडल, गोपालगंज-2

**DIVISION**

Block - Baikunthpur **SUB-DIVISION**

Agency - M/S Tiwari Construction

**MEASUREMENT BOOK**

प्रमाणित किया जाता है कि इस  
मापीयुक्त में मशीन द्वारा 2.5 डिग्री  
100 (रुब्रॉ) पेज है जिसे श्री चन्देखा  
किह, सहायक अभियंता, बैकुण्ठपुर  
के नाम से निर्माण किया जाता है

  
31/7/21  
कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कोय प्रमंडल, गोपालगंज-2  
31/7/21

Sch. XLV - Form No. 134

कार्यपालक अभियन्ता

ग्रामीण कार्य विभाग

DIVISION

कोय प्रमंडल, गोपालगंज-2

SUB-DIVISION

Block - Baikunthpur

## Measurement Book

No. 920

Name of officer श्री चन्देखा किह

सहायक अभियंता, बैकुण्ठपुर

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

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



## Sch. XLV-Form No. 134

| Particulars               | Details of actual measurement |    |    |    | Contents of area |
|---------------------------|-------------------------------|----|----|----|------------------|
|                           | No.                           | L. | B. | D. |                  |
| 3rd on A/c Soil           |                               |    |    |    |                  |
| Name of Road:-            | Pmgl path to                  |    |    |    |                  |
| Salcabus (Gomhari Dargah) |                               |    |    |    |                  |
| Agency:-                  | T/Ts Tiwari Construction      |    |    |    |                  |
| Agreement:-               | 01 SBD/HUCST/A.D./2021-22     |    |    |    |                  |
| Date of start:-           |                               |    |    |    |                  |
| Date of completion:-      |                               |    |    |    |                  |
|                           |                               |    |    |    |                  |
|                           |                               |    |    |    |                  |
|                           |                               |    |    |    |                  |

| Measurement                                                                                                                        |       |           |          |        |     |
|------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|----------|--------|-----|
| 2nd Construction of embankment with approved material obtained from borrow pits with a lift upto 1.50 m transporting - - - - - 8/8 |       |           |          |        |     |
| Change                                                                                                                             | Area  | Mean Area | Distance | Volume |     |
| 0                                                                                                                                  | 2.03  |           |          |        |     |
| 50                                                                                                                                 | 1.285 | 1.643     | 50       | 82.1   | 125 |
| 100                                                                                                                                | 1.365 | 1.319     | 50       | 65.1   | 500 |
| 150                                                                                                                                | 1.480 | 1.423     | 50       | 71.1   | 125 |
| 200                                                                                                                                | 1.562 | 1.521     | 50       | 76.1   | 050 |
| 250                                                                                                                                | 1.895 | 1.729     | 50       | 86.1   | 425 |
| 300                                                                                                                                | 1.826 | 1.861     | 50       | 93.1   | 025 |
| 350                                                                                                                                | 2.034 | 1.930     | 50       | 96.1   | 500 |

Continuation

| Particulars               | Details of actual measurement |         |                  |    | Contents of area |
|---------------------------|-------------------------------|---------|------------------|----|------------------|
|                           | No.                           | L.      | B.               | D. |                  |
| <u>Material Statement</u> |                               |         |                  |    |                  |
| SH/ -                     |                               | 7835.56 | m <sup>3</sup>   |    |                  |
| Metal -                   |                               | 283.50  | m <sup>3</sup>   |    |                  |
| Moorah -                  |                               | 90.225  | m <sup>3</sup>   |    |                  |
| Stone chips -             |                               | 438.54  | m <sup>3</sup>   |    |                  |
| K. Sand -                 |                               | 221.73  | m <sup>3</sup>   |    |                  |
| Brick -                   |                               | 40938   | NM <sub>2</sub>  |    |                  |
| Cement -                  |                               | 3942    | Bag <sub>2</sub> |    |                  |
| @ 1/25                    |                               |         |                  |    |                  |

|                                                    |  |  |  |     |                |
|----------------------------------------------------|--|--|--|-----|----------------|
| <u>Abstract of Cost</u>                            |  |  |  |     |                |
| <u>Part 1. clearing and grubbing</u>               |  |  |  |     |                |
| Road land -                                        |  |  |  | etc |                |
| wide page w-9.                                     |  |  |  |     |                |
| 1.69 Hect @ Rs 53879.80/Hect                       |  |  |  |     | 91057.00       |
| <u>Part 2. Discontinuing of Cement</u>             |  |  |  |     |                |
| Concrete Pavement -                                |  |  |  | etc |                |
| wide page w-9.                                     |  |  |  |     |                |
| 216.90 m <sup>2</sup> @ Rs 1588.86/m <sup>2</sup>  |  |  |  | 5K  | 344619.00      |
| <u>Part 3. Construction of Subgrade</u>            |  |  |  |     |                |
| 2 earth shoulder -                                 |  |  |  | etc |                |
| wide page w-9.                                     |  |  |  |     |                |
| 13933.36 m <sup>2</sup> @ Rs 168.82/m <sup>2</sup> |  |  |  |     | 2352230.00     |
|                                                    |  |  |  |     | 2352230.00     |
|                                                    |  |  |  |     | Rs. 2787906.00 |

Continuation



| Particulars                                  | Details of actual measurement |    |     |    | Contents of area |
|----------------------------------------------|-------------------------------|----|-----|----|------------------|
|                                              | No.                           | L. | B.  | D. |                  |
| Thick Excavation for roadway                 |                               |    |     |    |                  |
| in soil/ cutting - - -                       |                               |    | 017 |    |                  |
| wide base w-14                               |                               |    |     |    |                  |
| 8.33 $\times$ 12 75.61 / $\times$ 12 = 12    |                               |    |     |    | 630.000          |
| Sub Construction of                          |                               |    |     |    |                  |
| Granular Subbase - - -                       |                               |    |     |    |                  |
| 3536.955 $\times$ 12 wide base w-10          |                               |    |     |    |                  |
| 180.000 $\times$ 12 wide base w-7            |                               |    |     |    |                  |
| 3716.955 $\times$ 12 3501.29 / 12 = 1304.137 |                               |    |     |    |                  |
| Sub Providing laying                         |                               |    |     |    |                  |
| spreading and compacting                     |                               |    |     |    |                  |
| Stone aggregates - - -                       |                               |    |     |    |                  |
| 157.501 $\times$ 12 wide base w-18.          |                               |    |     |    |                  |
| 1351.954 $\times$ 12 wide base w-10          |                               |    |     |    |                  |
| 1509.455 $\times$ 12 4300.23 / 12 = 699.004  |                               |    |     |    |                  |
| Sub Providing and finishing                  |                               |    |     |    |                  |
| of typical cross section                     |                               |    |     |    |                  |
| wide base w-10                               |                               |    |     |    |                  |
| 2.00 $\times$ 12 13050.59 / each = 26101.00  |                               |    |     |    |                  |
| Sub Construction of Panel                    |                               |    |     |    |                  |
| Concrete slab - - -                          |                               |    |     |    |                  |
| wide base w-18.                              |                               |    |     |    |                  |
| 492.750 $\times$ 12 7750.11 / 12 = 3818.867  |                               |    |     |    |                  |
| Sub Earthwork in construction                |                               |    |     |    |                  |
| wide base w-18.                              |                               |    |     |    |                  |
| 93.972 $\times$ 12 283.93 / 12 = 28.681      |                               |    |     |    |                  |
| Continuation                                 |                               |    |     |    | 261,65,326.00    |

| Particulars                                           | Details of actual measurement |    |    |    | Contents of area |
|-------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                       | No.                           | L. | B. | D. |                  |
| Item 10 Provisioning 115 per                          |                               |    |    |    |                  |
| (112.5' x 5') as per drawing ---                      |                               |    |    |    |                  |
| wide page w 19                                        |                               |    |    |    |                  |
| 11.37                                                 |                               |    |    |    |                  |
| 12.3244 <sup>2</sup> @ 12 95.19/4 <sup>2</sup> day    |                               |    |    |    | 3358.24          |
| Item 11 Bridge masonry work                           |                               |    |    |    |                  |
| con concrete --- E 18                                 |                               |    |    |    |                  |
| wide page w 19                                        |                               |    |    |    |                  |
| 90.288                                                |                               |    |    |    |                  |
| 90.9724 <sup>2</sup> @ 12 5756.26/4 <sup>2</sup> day  |                               |    |    |    | 515721.24        |
| Item 12 Provisioning and Laying                       |                               |    |    |    |                  |
| RCC Pipe NP2 ---                                      |                               |    |    |    |                  |
| wide page w 19                                        |                               |    |    |    |                  |
| 45.00 NP2 @ 12 2211.98/4 <sup>2</sup> day             |                               |    |    |    | 99512.80         |
| Item 13 Plastering with coat                          |                               |    |    |    |                  |
| mortar (1:4) --- E 18                                 |                               |    |    |    |                  |
| wide page w 20                                        |                               |    |    |    |                  |
| 235.1824 <sup>2</sup> @ 12 190.02/4 <sup>2</sup> day  |                               |    |    |    | 44889.00         |
| Item 14 Building Provisioning                         |                               |    |    |    |                  |
| 1.50 m Clear of Foundation ---                        |                               |    |    |    |                  |
| wide page w 20                                        |                               |    |    |    |                  |
| 48.964 <sup>2</sup> @ 12 60.97/4 <sup>2</sup> day     |                               |    |    |    | 2985.20          |
| Item 15 Construction of                               |                               |    |    |    |                  |
| embankment --- E 18                                   |                               |    |    |    |                  |
| wide page w 17                                        |                               |    |    |    |                  |
| 7835.6564 <sup>2</sup> @ 12 160.16/4 <sup>2</sup> day |                               |    |    |    | 125480.24        |
| 7835.66                                               |                               |    |    |    | 28094609.54      |
| Continuation                                          |                               |    |    |    | 28090393.24      |



