

3054/MR

Maint. & Repair of Road from Barua  
Balua Path to Nabinpur Balua under  
Fathua Block  
Schedule XLV-Form No. 134

~~Patna~~

E. E. R. W. J. W. S. K. S.

DIVISION  
Patna

Fathua

SUB-DIVISION

Measurement Book

7626

These four lines should be repeated at the commencement of the measurements relating to each work).

| Particulars | Details of actual work |
|-------------|------------------------|
|-------------|------------------------|

|                                              |             |
|----------------------------------------------|-------------|
| Date of commencement -                       | 05/08/2023  |
| Date of completion -                         | 04/05/2024  |
| Date of measurement -                        | 18/03/2024. |
| <u>Work done</u>                             |             |
| Item ① clearing & grubbing<br>road land etc. |             |
| $2 \times 10 \times 30.00 \times 1.50 =$     | 900.00      |
| $2 \times 10 \times 30.00 \times 1.50 =$     | 900.00      |
| $2 \times 5 \times 30.00 \times 1.50 =$      | 450.00      |
|                                              | 2250.00     |
| $\therefore Hect = 2250.00 / 10,000 =$       | 0.225       |

PTD



| Particulars                                                                     | Details of actual measurement |    |    |   | Contents<br>of area |
|---------------------------------------------------------------------------------|-------------------------------|----|----|---|---------------------|
|                                                                                 | No.                           | L. | B. | D |                     |
| M <sup>m</sup> @ Consolidation of Subgrade below the Slope - edge - side - etc. |                               |    |    |   |                     |
| Q + 10 x 30 m x 0.605 + 0.370 =                                                 |                               |    |    |   | 112.58 m³           |
| Q x 8 x 30 m x 0.605 + 0.370 =                                                  |                               |    |    |   | 92.50 "             |
| Q + 1 x 10 m x 0.605 + 0.370 =                                                  |                               |    |    |   | 3.75 "              |
| Q x 10 x 30 m x 1.00 + 0.370 =                                                  |                               |    |    |   | 180.00 "            |
| Q x Q x 30 m x 1.00 x 0.370 =                                                   |                               |    |    |   | 36.00 "             |
| Total                                                                           |                               |    |    |   | 354.75 m³           |
| Item ③ Consolidation & GSD by Bar No II graded material duct                    |                               |    |    |   |                     |
| 1 x 2.00 x 1.90 x 0.150 =                                                       |                               |    |    |   | 0.57 "              |
| 1 x 2.00 x 1.70 x 0.150 =                                                       |                               |    |    |   | 0.51 "              |
| 1 x 4.00 x 1.30 x 0.150 =                                                       |                               |    |    |   | 0.78 "              |
| 1 x 1.00 x 1.90 x 0.150 =                                                       |                               |    |    |   | 0.99 "              |
| 1 x 3.00 x 1.30 x 0.150 =                                                       |                               |    |    |   | 0.59 "              |
| 1 x 4.00 x 1.80 x 0.150 =                                                       |                               |    |    |   | 1.08 "              |
| 1 x 2.00 x 1.90 x 0.150 =                                                       |                               |    |    |   | 0.57 "              |
| 1 x 2.00 x 1.40 x 0.150 =                                                       |                               |    |    |   | 0.42 "              |
| 1 x 3.00 x 1.60 x 0.150 =                                                       |                               |    |    |   | 0.72 "              |
| 1 x 2.00 x 1.70 x 0.150 =                                                       |                               |    |    |   | 0.51 "              |
| 1 x 3.00 x 1.80 x 0.150 =                                                       |                               |    |    |   | 0.81 "              |
| 1 x 2.00 x 1.60 x 0.150 =                                                       |                               |    |    |   | 0.48 "              |
| 1 x 4.00 x 1.20 x 0.150 =                                                       |                               |    |    |   | 0.72 "              |
| 1 x 3.00 x 1.60 x 0.150 =                                                       |                               |    |    |   | 0.72 "              |
| 1 x 5.00 x 1.80 x 0.150 =                                                       |                               |    |    |   | 1.35 "              |
| 1 x 2.00 x 1.70 x 0.150 =                                                       |                               |    |    |   | 0.51 "              |

Sch. XLV-Form No. 134

| Particulars              | Details of actual measurement |      |      |       | Contents of area    |
|--------------------------|-------------------------------|------|------|-------|---------------------|
|                          | No.                           | L.   | B.   | D.    |                     |
| Item (3) Contd (6.2.4.1) |                               |      |      |       |                     |
|                          | 1                             | 3.00 | 1.70 | 0.150 | 0.77 m <sup>3</sup> |
|                          | 1                             | 2.00 | 1.00 | 0.150 | 0.30 "              |
|                          | 1                             | 2.00 | 1.30 | 0.150 | 0.39 "              |
|                          | 1                             | 4.00 | 1.00 | 0.150 | 0.60 "              |
|                          | 1                             | 5.00 | 1.10 | 0.150 | 0.83 "              |
|                          | 1                             | 3.00 | 1.20 | 0.150 | 0.59 "              |
|                          | 1                             | 7.00 | 1.40 | 0.150 | 1.47 "              |
|                          | 1                             | 1.00 | 1.20 | 0.150 | 0.18 "              |
|                          | 1                             | 2.00 | 1.50 | 0.150 | 0.45 "              |
|                          | 1                             | 5.00 | 1.20 | 0.150 | 0.93 "              |
|                          | 1                             | 7.00 | 1.50 | 0.150 | 1.58 "              |

19.46 m<sup>3</sup>

|                                  |   |      |      |       |                     |
|----------------------------------|---|------|------|-------|---------------------|
| Item (4) Prov. laying, spreading |   |      |      |       |                     |
| & constructing stone aggregate   |   |      |      |       |                     |
| - gates & specific River to      |   |      |      |       |                     |
| Wagon 40.111 - do. etc           |   |      |      |       |                     |
|                                  | 1 | 3.00 | 1.40 | 0.075 | 0.41 m <sup>3</sup> |
|                                  | 1 | 2.00 | 2.10 | 0.075 | 0.32 "              |
|                                  | 1 | 2.00 | 1.90 | 0.075 | 0.29 "              |
|                                  | 1 | 4.00 | 1.50 | 0.075 | 0.45 "              |
|                                  | 1 | 1.00 | 2.10 | 0.075 | 0.16 "              |
|                                  | 1 | 3.00 | 1.50 | 0.075 | 0.34 "              |
|                                  | 1 | 4.00 | 2.00 | 0.075 | 0.60 "              |

Continuation

PTD



| Particulars | Details of actual measurement |       |      | Contents<br>of area |
|-------------|-------------------------------|-------|------|---------------------|
|             | No.                           | L.    | B.   |                     |
| 1           | 1                             | 11.13 | 0.75 | 0.32                |
| 1           | 2                             | 12.16 | 0.75 | 0.34                |
| 1           | 3                             | 13.16 | 0.75 | 0.41                |
| 1           | 4                             | 14.16 | 0.75 | 0.49                |
| 1           | 5                             | 15.16 | 0.75 | 0.45                |
| 1           | 6                             | 16.16 | 0.75 | 0.27                |
| 1           | 7                             | 17.16 | 0.75 | 0.42                |
| 1           | 8                             | 18.16 | 0.75 | 0.41                |
| 1           | 9                             | 19.16 | 0.75 | 0.75                |
| 1           | 10                            | 20.16 | 0.75 | 0.29                |
| 1           | 11                            | 21.16 | 0.75 | 0.43                |
| 1           | 12                            | 22.16 | 0.75 | 0.18                |
| 1           | 13                            | 23.16 | 0.75 | 0.23                |
| 1           | 14                            | 24.16 | 0.75 | 0.36                |
| 1           | 15                            | 25.16 | 0.75 | 0.49                |
| 1           | 16                            | 26.16 | 0.75 | 0.34                |
| 1           | 17                            | 27.16 | 0.75 | 0.84                |
| 1           | 18                            | 28.16 | 0.75 | 0.11                |
| 1           | 19                            | 29.16 | 0.75 | 0.26                |
| 1           | 20                            | 30.16 | 0.75 | 0.56                |
| 1           | 21                            | 31.16 | 0.75 | 0.89                |
| 1           | 22                            | 32.16 | 0.75 | 1.05                |
| 1           | 23                            | 33.16 | 0.75 | 0.83                |
| 1           | 24                            | 34.16 | 0.75 | 1.35                |
| 1           | 25                            | 35.16 | 0.75 | 1.76                |
| 1           | 26                            | 36.16 | 0.75 | 0.78                |
| 1           | 27                            | 37.16 | 0.75 | 1.35                |
| 1           | 28                            | 38.16 | 0.75 | 0.63                |
| 1           | 29                            | 39.16 | 0.75 | 1.01                |

Continuation

PTD

| Particulars | Details of actual measurement |    |    |    | Contents of area |
|-------------|-------------------------------|----|----|----|------------------|
|             | No.                           | L. | B. | D. |                  |

21m (12) (12m x 1.75m)

|                            |                      |
|----------------------------|----------------------|
| 1 x 12.00 x 1.75 x 0.075 = | 1.35 m <sup>3</sup>  |
| 1 x 6.00 x 1.50 x 0.075 =  | 0.68 "               |
| 1 x 8.00 x 1.75 x 0.075 =  | 1.02 "               |
| 1 x 8.00 x 1.75 x 0.075 =  | 0.72 "               |
| 1 x 9.00 x 1.75 x 0.075 =  | 0.68 "               |
| 1 x 10.00 x 1.75 x 0.075 = | 0.90 "               |
| 1 x 8.00 x 0.80 x 0.075 =  | 0.48 "               |
| 1 x 10.00 x 1.50 x 0.075 = | 1.13 "               |
|                            | 26.75 m <sup>3</sup> |

21m (5) 1st row: 2000mm for men

|       |                                  |                       |
|-------|----------------------------------|-----------------------|
|       | Cost with 6th man row -          |                       |
|       | - 8000 (15.11) - etc - etc       |                       |
|       | Qty with 11m (4) 10.075          |                       |
|       | = 26.75 m <sup>3</sup> / 0.075 = | 356.67 m <sup>2</sup> |
| 60/39 | 2 x 2.00 x 0.80 =                | 3.20 "                |
|       | 1 x 1.80 x 0.90 =                | 1.62 "                |
|       | 1 x 2.20 x 1.05 =                | 2.31 "                |
|       |                                  | 363.80 m <sup>2</sup> |

21m (6) 1st row: 2000mm for men

|                         |                       |
|-------------------------|-----------------------|
| Cost with 6th man row - |                       |
| 15.11 - etc - etc - etc |                       |
| Qty with 11m (5) =      | 363.80 m <sup>2</sup> |

Continuation



Continuation

Scanned with CamScanner

## Sch. XLV-Form No. 134

| Particulars                                                    | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                | No.                           | L. | B. | D. |                  |
| Item (10) Construction of Dry lean<br>Cement concrete Grabbase |                               |    |    |    |                  |
| -- do -- do -- do -- do                                        |                               |    |    |    |                  |
| $1 \times 30.00 \times 3.75 \times 0.100 =$                    |                               |    |    |    | $11.25 m^3$      |
| $1 \times 7.00 \times 3.75 \times 0.100 =$                     |                               |    |    |    | $2.63 "$         |
|                                                                |                               |    |    |    | $13.88 m^3$      |
|                                                                |                               |    |    |    |                  |
|                                                                |                               |    |    |    |                  |
|                                                                |                               |    |    |    |                  |
| Item (11) Construction of Panel<br>Concrete, R.C.C. work       |                               |    |    |    |                  |
| -- do -- do -- do -- do                                        |                               |    |    |    |                  |
| do -- do -- do -- do                                           |                               |    |    |    |                  |
| $3 \times 30.00 \times 3.75 \times 0.125 =$                    |                               |    |    |    | $42.19 m^3$      |
| $1 \times 30.00 \times 3.75 \times 0.125 =$                    |                               |    |    |    | $15.94 "$        |
| $1 \times 30.00 \times 4.75 \times 0.125 =$                    |                               |    |    |    | $15.94 "$        |
| $6 \times 30.00 \times 3.75 \times 0.125 =$                    |                               |    |    |    | $84.38 "$        |
| $1 \times 40.00 \times 3.75 \times 0.125 =$                    |                               |    |    |    | $18.50 "$        |
|                                                                |                               |    |    |    | $176.95 m^3$     |
|                                                                |                               |    |    |    | $176.91 m^3$     |
|                                                                |                               |    |    |    |                  |
|                                                                |                               |    |    |    |                  |
| Item (12) Prov. & fixing of typical<br>manhole in masonry      |                               |    |    |    |                  |
| High board with 'logs'                                         |                               |    |    |    |                  |
| -- do -- do -- do -- do                                        |                               |    |    |    |                  |
|                                                                |                               |    |    |    | $Qty = 3.00 m^3$ |

Continuation

P.T.O.



Continuation

| Particulars                                                                                                                                                                                    | Details of actual measurement |    |    |    | Contents of area      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|-----------------------|
|                                                                                                                                                                                                | No.                           | L. | B. | D. |                       |
| <u>Material Statement</u>                                                                                                                                                                      |                               |    |    |    |                       |
| (i) Earth                                                                                                                                                                                      |                               |    |    |    | 4.75 m <sup>3</sup>   |
| (ii) Agg 5mm to 9.5mm                                                                                                                                                                          |                               |    |    |    | 12.45 m <sup>3</sup>  |
| (iii) Agg 9.5mm to 22.4mm                                                                                                                                                                      |                               |    |    |    | 5.86 m <sup>3</sup>   |
| (iv) Agg 22.4mm to 47.5mm                                                                                                                                                                      |                               |    |    |    | 32.37 m <sup>3</sup>  |
| (v) Screening material                                                                                                                                                                         |                               |    |    |    | 6.42 m <sup>3</sup>   |
| (vi) Agg 13.2mm                                                                                                                                                                                |                               |    |    |    | 9.82 m <sup>3</sup>   |
| (vii) Agg 4.5-4.75mm                                                                                                                                                                           |                               |    |    |    | 28.68 m <sup>3</sup>  |
| (viii) Agg 4.75 below                                                                                                                                                                          |                               |    |    |    | 20.63 m <sup>3</sup>  |
| (ix) Coarse sand                                                                                                                                                                               |                               |    |    |    | 107.29 m <sup>3</sup> |
| (x) Brick                                                                                                                                                                                      |                               |    |    |    | 4800 nos.             |
| (xi) Agg - 20mm                                                                                                                                                                                |                               |    |    |    | 95.53 m <sup>3</sup>  |
| (xii) Agg - 10mm                                                                                                                                                                               |                               |    |    |    | 63.69 m <sup>3</sup>  |
| (xiii) Crushed Stone Coarse agg                                                                                                                                                                |                               |    |    |    | 12.49 m <sup>3</sup>  |
| (xiv) Earthwork (SS)                                                                                                                                                                           |                               |    |    |    | 0.309 m <sup>3</sup>  |
| (xv) Earthwork (Rt)                                                                                                                                                                            |                               |    |    |    | 0.479 m <sup>3</sup>  |
| (xvi) Bitumen (5-90)                                                                                                                                                                           |                               |    |    |    | 0.69 m <sup>3</sup>   |
| (xvii) Bitumen (5-65)                                                                                                                                                                          |                               |    |    |    | 3.959 m <sup>3</sup>  |
| <div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p><u>18/09/24</u></p> <p>J.E.</p> </div> <div> <p>Himanshu</p> <p>18.03.24</p> <p>A</p> </div> </div> |                               |    |    |    |                       |

**Continuation**

P.T.O.



Continuation

P.T.O.



Scanned with CamScanner

12 Plant  
24-13/24