

एव का नाम :- श्री प्रमथ सिंह बाला वकई व  
पुरा देवा तह. एव निर्मा कार्य  
Shedule XLV Form No. 134.

नाम :- एकोहिमागं

DIVISION  
SUB-DIVISION

M.B.No.: 1449/2021-22

Measurement Book

(होता हुआ)

# 1st Year Maintenance

1st on Ahebi

1.

Name of work -

Situation of work -

Agency by which work is executed -

Date of measurement -

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. |                  |
| Name of work - Constn of road from Thore Pansy road via Pakri to Purah Tola under MHWSY |                               |    |    |    |                  |
| Agency - Mrs Smita Kumari                                                               |                               |    |    |    |                  |
| Ward no-01, P.O- Narayanapur                                                            |                               |    |    |    |                  |
| P.S- Bagaha West Champaran                                                              |                               |    |    |    |                  |
| Agreement No- 02, 10021-22                                                              |                               |    |    |    |                  |
| Agreement value- 10592.848=10                                                           |                               |    |    |    |                  |
| Date of start - 23/03/2021                                                              |                               |    |    |    |                  |
| Date of completion - 23/03/2022                                                         |                               |    |    |    |                  |

## Record Entry

- ① Constn of benchmark - 1.150 km
- ② Constn of Ref. Pillar - 1.150 km
- ③ Prov and fixing MHWSY

informetry sign board - 2 Nos

(19) Clearing and grubbing

road land

2.  $10 \times 30 \times 1.50 \text{ (new)} = 900.00 \text{ ft}$

2.  $10 \times 30 \times 1.50 = 900.00 \text{ ft}$

2.  $10 \times 30 \times 1.50 = 900.00 \text{ ft}$

2.  $8 \times 30 \times 1.50 = 720.00 \text{ ft}$

2.  $1 \times 10 \times 1.50 = 30.00 \text{ ft}$

3450.00 ft

## Sch. XLV-Form No. 134

| Particulars                                             | Details of actual measurement |       |    |       | Contents of area               |
|---------------------------------------------------------|-------------------------------|-------|----|-------|--------------------------------|
|                                                         | No.                           | L.    | B. | D.    |                                |
| Const <sup>n</sup> of H.P. culvert                      |                               |       |    |       |                                |
| 1 No. $\rightarrow$ 1000 mm $\phi$ H.P.                 |                               |       |    |       |                                |
| ① E/w in excavation for foundation                      |                               |       |    |       |                                |
| H.W- 2                                                  | X                             | 5.30  | X  | 1.550 | X 1.65 = 27.520 M <sup>3</sup> |
| below pipe- 1                                           | X                             | 5.800 | X  | 1.530 | X 0.54 = 4.13 M <sup>3</sup>   |
|                                                         |                               |       |    |       | <u>31.65 M<sup>3</sup></u>     |
| ② Prov <sup>n</sup> sand filling in foundation trenches |                               |       |    |       |                                |
| H.W- 2                                                  | X                             | 5.300 | X  | 1.550 | X 0.100 = 1.64 M               |
| below pipe- 1                                           | X                             | 5.593 | X  | 1.530 | X 0.100 = 0.86 M <sup>3</sup>  |
|                                                         |                               |       |    |       | <u>2.50 M<sup>3</sup></u>      |
| ③ Prov <sup>n</sup> B/F/S in found <sup>n</sup>         |                               |       |    |       |                                |

|               |   |       |   |       |   |                            |
|---------------|---|-------|---|-------|---|----------------------------|
| H.W- 2        | X | 5.30  | X | 1.550 | = | 16.43 M <sup>3</sup>       |
| below pipe- 1 | X | 5.653 | X | 1.530 | = | 8.65 M <sup>3</sup>        |
|               |   |       |   |       |   | <u>25.08 M<sup>3</sup></u> |

|                                                     |       |       |        |       |                    |                               |
|-----------------------------------------------------|-------|-------|--------|-------|--------------------|-------------------------------|
| (4) Prov <sup>n</sup> Pee M15 in found <sup>n</sup> |       |       |        |       |                    |                               |
| H.W- 2                                              | X     | 5.150 | X      | 1.400 | X                  | 0.150 = 2.16 M <sup>3</sup>   |
| below pipe- 1                                       | X     | 5.766 | X      | 1.530 | X                  | 0.550 = 4.85 M <sup>3</sup>   |
| Less                                                | 0.188 | X     | 0.7857 | X     | 1.230 <sup>2</sup> | X 5.955 = 1.33 M <sup>3</sup> |
|                                                     |       |       |        |       |                    | <u>5.68 M<sup>3</sup></u>     |

30.13.21

कनीय अभियन्ता

ग्रामीण कार्य विभाग

कार्य प्रशासक- नरकटिया

कार्य प्रमण्डल नरकटिया



## Sch. XLV-Form No. 134

| Particulars                                     | Details of actual measurement |                 |                  |                | Contents of area          |
|-------------------------------------------------|-------------------------------|-----------------|------------------|----------------|---------------------------|
|                                                 | No.                           | L.              | B.               | D.             |                           |
| <u>Record Entry</u>                             |                               |                 |                  |                |                           |
| ① Brick Masonry work in<br>cm (1:4) in headwall |                               |                 |                  |                |                           |
| H.W.                                            | 2                             | $\times 5.000$  | $\times 0.825$   | $\times 2.465$ | $2.634M^2$                |
| Parapet                                         | 2                             | $\times 5.000$  | $\times 0.400$   | $\times 0.600$ | $2.40M^2$                 |
| Lees                                            | 2                             | $\times 0.7857$ | $\times 1.230^2$ | $\times 0.612$ | $1.46M^2$                 |
|                                                 |                               |                 |                  |                | <u>21.28M<sup>2</sup></u> |
| ② Prov and laying 1000mm dia<br>Ree pipe 4B3    |                               |                 |                  |                |                           |
|                                                 | 2                             | $\times 2.50$   | $=$              |                | $7.50M$                   |
| (3) Plastering with cm (1:4)                    |                               |                 |                  |                |                           |
| Outside                                         | 2                             | $\times 5.000$  | $\times 1.830$   | $=$            | $18.30M^2$                |
| Inside                                          | 2                             | $\times 5.000$  | $\times 0.600$   | $=$            | $6.000M^2$                |

|              |   |   |        |   |                    |                     |                     |
|--------------|---|---|--------|---|--------------------|---------------------|---------------------|
| Top          | 2 | X | 5.000  | X | 0.400              | =                   | 4.000M <sup>2</sup> |
| Ends         | 4 | X | 0.612  | X | 1.230              | =                   | 3.01M <sup>2</sup>  |
| Ends Parapet | 4 | X | 0.400  | X | 0.600              | =                   | 0.96M <sup>2</sup>  |
| Lees         | 2 | X | 0.7857 | X | 1.230 <sup>2</sup> | =                   | 2.38M <sup>2</sup>  |
|              |   |   |        |   |                    | 29.89M <sup>2</sup> |                     |

|                                           |   |   |       |   |       |                      |
|-------------------------------------------|---|---|-------|---|-------|----------------------|
| ④ Prov <sup>n</sup> 1.5 mm cement pumping |   |   |       |   |       |                      |
| Top -                                     | 2 | x | 5.00  | x | 0.400 | = 4.00M <sup>2</sup> |
| Ends -                                    | 4 | x | 0.400 | x | 0.600 | = 0.96M <sup>2</sup> |
| Inside -                                  | 2 | x | 5.00  | x | 0.600 | = 6.00M <sup>2</sup> |
|                                           |   |   |       |   |       | 10.96M <sup>2</sup>  |

3.421

कनौय अनियन्ता

ग्रामीण कार्य विभाग

कार्य प्रशाखा सरकटियागञ्ज

कार्य प्रमण्डल सरकटियागञ्ज

## Sch. XLV-Form No. 134

| Particulars                  | Details of actual measurement |                |               |               | Contents of area |
|------------------------------|-------------------------------|----------------|---------------|---------------|------------------|
|                              | No.                           | L.             | B.            | D.            |                  |
| <u>Record Entry</u>          |                               |                |               |               |                  |
| <u>E/w calculation sheet</u> |                               |                |               |               |                  |
| <u>CH</u>                    | <u>Area</u>                   | <u>M. Area</u> | <u>length</u> | <u>Volume</u> |                  |
| 0                            | 0.850                         |                |               |               |                  |
| 50                           | 1.655                         | 1.252          | 50            | 62.600        |                  |
| 100                          | 1.216                         | 1.436          | 50            | 71.800        |                  |
| 150                          | 1.062                         | 1.139          | 50            | 56.950        |                  |
| 200                          | 1.102                         | 1.082          | 50            | 54.100        |                  |
| 250                          | 0.958                         | 1.030          | 50            | 51.500        |                  |
| 300                          | 0.795                         | 0.876          | 50            | 43.800        |                  |
| 350                          | 0.884                         | 0.839          | 50            | 41.950        |                  |
| 400                          | 1.023                         | 0.953          | 50            | 47.650        |                  |
| 450                          | 1.124                         | 1.076          | 50            | 53.800        |                  |
| 500                          | 1.265                         | 1.195          | 50            | 59.750        |                  |
| 550                          | 1.272                         | 1.268          | 50            | 63.400        |                  |
| 600                          | 1.156                         | 1.214          | 50            | 60.700        |                  |
| 650                          | 1.238                         | 1.197          | 50            | 59.850        |                  |
| 700                          | 1.281                         | 1.259          | 50            | 62.950        |                  |
| 800                          | 1.212                         | 1.205          | 50            | 60.250        |                  |
| 850                          | 1.256                         | 1.234          | 50            | 61.700        |                  |
| 900                          | 1.211                         | 1.234          | 50            | 61.700        |                  |
| 950                          | 1.267                         | 1.239          | 50            | 61.950        |                  |
| 1000                         | 1.295                         | 1.281          | 50            | 64.050        |                  |
| 1050                         | 1.017                         | 1.156          | 50            | 57.800        |                  |
| 1100                         | 1.155                         | 1.103          | 50            | 55.150        |                  |
| 1150                         | 1.085                         | 1.120          | 50            | 56.000        |                  |
|                              |                               |                |               | 1331.350 H3   |                  |

Continuation



## Sch. XLV-Form No. 134

| Particulars                                                                                                                                                                                    | Details of actual measurement |    |    |    | Contents of area       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------------|
|                                                                                                                                                                                                | No.                           | L. | B. | D. |                        |
| ① Const <sup>n</sup> of embakment<br>lead up to 1000 M                                                                                                                                         |                               |    |    |    |                        |
| Qty - 30% of $1331.35 M^3$                                                                                                                                                                     |                               |    |    |    | 399.405 M <sup>3</sup> |
| ② Const <sup>n</sup> of embakment<br>lead up to 100 M                                                                                                                                          |                               |    |    |    |                        |
| Qty - 70% of $1331.35 M^3$                                                                                                                                                                     |                               |    |    |    | 931.945 M <sup>3</sup> |
| <br>8.4.21<br>कनीय अभियन्ता<br>ग्रामीण कार्य विभाग<br>कार्य प्रशाखा नरकटियागंज<br>कार्य प्रमण्डल नरकटियागंज |                               |    |    |    |                        |

Record Entry① Const<sup>n</sup> of Subgrade and  
earthen shoulder

$$5 \times 30 \times 7.50 \times 0.30 = 337.50 M^3$$

$$5 \times 30 \times 7.50 \times 0.30 = 337.50 M^3$$

$$5 \times 30 \times 7.50 \times 0.30 = 337.50 M^3$$

$$6 \times 30 \times 7.45 \times 0.30 = 402.30 M^3$$

$$1 \times 3.0 \times 7.50 \times 0.30 = 6.75 M^3$$

$$1421.55 M^3$$



10.4.21

कनीय अभियन्ता

ग्रामीण कार्य विभाग

कार्य प्रशाखा- नरकटियागंज

कार्य प्रमण्डल नरकटियागंज

| Particulars                | Details of actual measurement |     |                         |                                   | Contents of area     |
|----------------------------|-------------------------------|-----|-------------------------|-----------------------------------|----------------------|
|                            | No.                           | L.  | B.                      | D.                                |                      |
| <u>Record Entry</u>        |                               |     |                         |                                   |                      |
| ① Prov: irregular sub base |                               |     |                         |                                   |                      |
| grading I.                 |                               |     |                         |                                   |                      |
| RT Portion                 | 5                             | 30  | 4.05                    | $\times 0.200 =$                  | 121.50M <sup>2</sup> |
|                            | 5                             | 30  | 4.05                    | $\times 0.200 =$                  | 121.50M <sup>2</sup> |
|                            | 1                             | 20  | 4.05                    | $+ \frac{5.76}{2} \times 0.200 =$ | 19.62M <sup>2</sup>  |
|                            | 1                             | 22  | $\frac{5.76}{2} + 4.05$ | $\times 0.200 =$                  | 21.58M <sup>2</sup>  |
|                            | 5                             | 30  | 4.05                    | $\times 0.200 =$                  | 121.50M <sup>2</sup> |
|                            | 4                             | 30  | 4.05                    | $\times 0.200 =$                  | 97.20M <sup>2</sup>  |
|                            | 1                             | 21  | 4.05                    | $\times 0.200 =$                  | 17.01M <sup>2</sup>  |
| Pre Portion                | 5                             | 30  | 3.75                    | $\times 0.100 =$                  | 56.25M <sup>2</sup>  |
|                            | 5                             | 30  | 3.75                    | $\times 0.100 =$                  | 56.25M <sup>2</sup>  |
|                            | 7                             | 30  | 3.75                    | $\times 0.100 =$                  | 78.75M <sup>2</sup>  |
|                            | 1                             | 7.0 | 3.75                    | $\times 0.100 =$                  | 2.62M <sup>2</sup>   |

|              |                                                               |           |
|--------------|---------------------------------------------------------------|-----------|
| Extra return | $4 \times \frac{1}{2} \times 6 \times 0.50 \times 0.200 =$    | $1.20M^2$ |
|              | $2 \times 6 \times 0.50 \times 0.200 =$                       | $1.20M^2$ |
|              | $4 \times \frac{1}{2} \times 7 \times 0.60 \times 0.200 =$    | $1.68M^2$ |
|              | $2 \times 7 \times 0.60 \times 0.200 =$                       | $1.68M^2$ |
|              | $4 \times \frac{1}{2} \times 8 \times 0.55 \times 0.200 =$    | $1.76M^2$ |
|              | $2 \times 8 \times 0.55 \times 0.200 =$                       | $1.76M^2$ |
|              | $4 \times \frac{1}{2} \times 6.50 \times 0.45 \times 0.100 =$ | $0.58M^2$ |
|              | $2 \times 6.50 \times 0.45 \times 0.100 =$                    | $0.58M^2$ |
|              | $4 \times \frac{1}{2} \times 7 \times 0.52 \times 0.100 =$    | $0.73M^2$ |
|              | $2 \times 7 \times 0.52 \times 0.100 =$                       | $0.73M^2$ |
|              | $4 \times \frac{1}{2} \times 8 \times 0.40 \times 0.100 =$    | $0.64M^2$ |
|              | $2 \times 8 \times 0.40 \times 0.100 =$                       | $0.64M^2$ |
|              | $1 \times \frac{1}{2} \times 5 \times 0.43 \times 0.100 =$    | $0.43M^2$ |
|              | $2 \times 5 \times 0.43 \times 0.100 =$                       | $0.43M^2$ |

Continuation

727.81M<sup>2</sup>

*[Signature]*

17.4.21  
कनॉय अभियंता  
ग्रामीण कार्य विभाग  
राजस्थान

# Abstract of cost

7

Sch. XLV-Form No. 134

| Particulars                                                         | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                     | No.                           | L. | B. | D. |                  |
| ① Const <sup>n</sup> of benchmark                                   |                               |    |    |    |                  |
| Q-VMBP 1① = 1.150 Km                                                |                               |    |    |    |                  |
| e h - 6124.10/Km h - 7043 = ∞                                       |                               |    |    |    |                  |
| ② Const <sup>n</sup> of Ref pillar                                  |                               |    |    |    |                  |
| Q-VMBP 1② = 1.150 Km                                                |                               |    |    |    |                  |
| e h - 3406.7/Km h - 3917 = ∞                                        |                               |    |    |    |                  |
| ③ Clearing and grubbing road land                                   |                               |    |    |    |                  |
| Q-VMBP 1④ = 0.345 hect                                              |                               |    |    |    |                  |
| e h - 52970.34/hect h - 18275 = ∞                                   |                               |    |    |    |                  |
| ④ Const <sup>n</sup> of embankment load upto 1000 M                 |                               |    |    |    |                  |
| Q-VMBP 5①② = 399.405 M <sup>3</sup>                                 |                               |    |    |    |                  |
| e h - 190 = 07/M <sup>3</sup> h - 75915 = ∞                         |                               |    |    |    |                  |
| ⑤ Const <sup>n</sup> of subgrade and earthen shoulder               |                               |    |    |    |                  |
| Q-VMBP 5① = 142.155 M <sup>3</sup>                                  |                               |    |    |    |                  |
| e h - 191 = 76/M <sup>3</sup> h - 272596 = ∞                        |                               |    |    |    |                  |
| ⑥ Const <sup>n</sup> of embankment load upto 100 M                  |                               |    |    |    |                  |
| Q-VMBP 5② = 931.945 M <sup>3</sup>                                  |                               |    |    |    |                  |
| e h - 153 = 78/M <sup>3</sup> h - 143314 = ∞                        |                               |    |    |    |                  |
| (7/9) Const <sup>n</sup> of granular sub base                       |                               |    |    |    |                  |
| Q-VMBP 6① = 727.81 M <sup>3</sup>                                   |                               |    |    |    |                  |
| e h - 3586.57/M <sup>3</sup> h - 2610341 = ∞                        |                               |    |    |    |                  |
| (8/23) Prov <sup>n</sup> and fixing H.M.S.Y. informatory sign board |                               |    |    |    |                  |

Continuation

3131401 = ∞



## Sch. XLV-Form No. 134

| Particulars                                                           | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                       | No.                           | L. | B. | D. |                  |
| Q-VIMBP1(3) = 2.14M                                                   |                               |    |    |    |                  |
| e h. 13072.17/cucl h. 26144=0                                         |                               |    |    |    |                  |
| (9/31) F/w in excavation for found <sup>n</sup>                       |                               |    |    |    |                  |
| Q-VIMBP2(1) = 31.65M <sup>3</sup>                                     |                               |    |    |    |                  |
| e h. 279=09/M <sup>3</sup> h. 8833=0                                  |                               |    |    |    |                  |
| (10/32) Prov <sup>n</sup> sand filling in found <sup>n</sup> trenches |                               |    |    |    |                  |
| Q-VIMBP2(2) = 2.50M <sup>3</sup>                                      |                               |    |    |    |                  |
| e h. 442=50/M <sup>3</sup> h. 1106=0                                  |                               |    |    |    |                  |
| (11/33) Prov <sup>n</sup> B/F/S in found <sup>n</sup>                 |                               |    |    |    |                  |
| Q-VIMBP2(3) = 25.08M <sup>3</sup>                                     |                               |    |    |    |                  |
| e h. 294=05/M <sup>3</sup> h. 7375=0                                  |                               |    |    |    |                  |
| (12/34) Prov <sup>n</sup> B/F/Flat soling in found <sup>n</sup>       |                               |    |    |    |                  |
| Q-VIMBP2                                                              |                               |    |    |    |                  |
| (12/34) Prov <sup>n</sup> Pre MIS in found <sup>n</sup>               |                               |    |    |    |                  |
| Q-VIMBP2(4) = 5.68M <sup>3</sup>                                      |                               |    |    |    |                  |
| e h. 6581.16/M <sup>3</sup> h. 37381=0                                |                               |    |    |    |                  |
| (13/35) Brick Masonry work in cm(1:4) in head wall                    |                               |    |    |    |                  |
| Q-VIMBP3(1) = 21.28M <sup>3</sup>                                     |                               |    |    |    |                  |
| e h. 5839.45/M <sup>3</sup> h. 124263=0                               |                               |    |    |    |                  |
| (14/36) Prov <sup>n</sup> and laying 1000mm dia Rec Pipe              |                               |    |    |    |                  |
| Q-VIMBP3(2) = 7.50M                                                   |                               |    |    |    |                  |
| e h. 3863=37/M h. 28975=0                                             |                               |    |    |    |                  |
| (15/37) Plastering with cm(1:4) on brick work                         |                               |    |    |    |                  |

Continuation

3365,478=0

## Sch. XLV-Form No. 134

| Particulars                                     | Details of actual measurement |    |    |    | Contents of area |
|-------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                 | No.                           | L. | B. | D. |                  |
| Q-VIHP 3(3) = 29.89H <sup>2</sup>               |                               |    |    |    |                  |
| e R 199 = 09/H <sup>2</sup> - R - 5951 = ∞      |                               |    |    |    |                  |
| (16/38) Prov <sup>n</sup> 1.5 mm Cement Pumping |                               |    |    |    |                  |
| Q-VIHP 3(4) = 10.96H <sup>2</sup>               |                               |    |    |    |                  |
| e R 59.03/H <sup>2</sup> - R - 647 = ∞          |                               |    |    |    |                  |
| R 3372.076 = ∞                                  |                               |    |    |    |                  |
| Add 12% INST (+) R 4,04,649 = ∞                 |                               |    |    |    |                  |
| Add 1% Labour cost (+) 3372.1 = ∞               |                               |    |    |    |                  |
| Add 5% storage fee 2252.90H <sup>2</sup> - 958  |                               |    |    |    |                  |
| R 3864650 = ∞                                   |                               |    |    |    |                  |
| Less 0.02% below → R - 773 = ∞                  |                               |    |    |    |                  |
| R - 3863877 = ∞                                 |                               |    |    |    |                  |
| 17.4.21                                         |                               |    |    |    |                  |
| कर्म/अभिज्ञान                                   |                               |    |    |    |                  |

ग्रामीण कार्य विभाग

कार्य प्रशाखा- नरकटियागज

कार्य प्रमण्डल- नरकटियागज