

L073-702 to Gudra

# Schedule XLV-Form No. 134

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DIVISION

<sup>१९</sup>  
सिमलिया

\_\_\_\_\_  
SUB-DIVISION

हा. अ. ए. सं. - 1839

**Measurement Book**

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 measurement relating to each work)

| Particulars                        | Details of actual measurement |       |                                                    |    | Contents of area      |
|------------------------------------|-------------------------------|-------|----------------------------------------------------|----|-----------------------|
|                                    | No.                           | L.    | B.                                                 | D. |                       |
| Name of work. L.R.                 |                               |       |                                                    |    |                       |
| Name of road: L.R. 73-702 to Gudra |                               |       |                                                    |    |                       |
| Agency: Departmental               |                               |       |                                                    |    |                       |
| Block: Maghauria                   |                               |       |                                                    |    |                       |
| District: West Champaran           |                               |       |                                                    |    |                       |
| Division: Road Works Division,     |                               |       |                                                    |    |                       |
| Bettiah                            |                               |       |                                                    |    |                       |
| Authority: Executive Engineer,     |                               |       |                                                    |    |                       |
| Works Division, Bettiah            |                               |       |                                                    |    |                       |
| Items: Earth work and work cut     |                               |       |                                                    |    |                       |
| Revised measurement                |                               |       |                                                    |    |                       |
| Brick cut                          |                               |       |                                                    |    |                       |
|                                    | 1                             | 24.00 | $\times \left( \frac{6.0 + 4.5}{2} \right)$        |    |                       |
|                                    |                               |       | $\times \left( \frac{1.0 + 1.2 + 1.5}{3} \right)$  |    | 157.50 m <sup>3</sup> |
|                                    | 1                             | 12.00 | $\times \left( \frac{6.0 + 4.5}{2} \right) \times$ |    |                       |
|                                    |                               |       | $\left( \frac{1.20 + 1.50}{2} \right)$             |    | 84.24 m <sup>3</sup>  |
|                                    | 1                             | 12.00 | $\times \left( \frac{6.0 + 4.5}{2} \right) \times$ |    |                       |
|                                    |                               |       | $\left( \frac{1.20 + 1.50}{2} \right)$             |    | 84.24 .               |
|                                    | 1                             | 15.00 | $\times \left( \frac{5.0 + 4.5}{2} \right) \times$ |    |                       |
|                                    |                               |       | $\left( \frac{0.8 + 1.00}{2} \right)$              |    | 70.875 m <sup>3</sup> |
|                                    | 1                             | 15.00 | $\times \left( \frac{5.0 + 4.5}{2} \right)$        |    |                       |
|                                    |                               |       | $\times \left( \frac{0.8 + 1.00}{2} \right)$       |    | 78.875 .              |
|                                    |                               |       | Total                                              |    | 467.720               |

AP  
S.E.

Continuation

| Particulars              | Details of actual measurement |      |                                             |    | Contents of area      |
|--------------------------|-------------------------------|------|---------------------------------------------|----|-----------------------|
|                          | No.                           | L.   | B.                                          | D. |                       |
| <u>Revol measurement</u> |                               |      |                                             |    |                       |
| 1. <u>Brick bat</u>      |                               |      |                                             |    |                       |
|                          | 1                             | 20.0 | $\times \left( \frac{6.0+4.3}{2} \right)$   |    |                       |
|                          |                               |      | $\times \left( \frac{0.45+0.30}{2} \right)$ |    | 79.375 m <sup>2</sup> |
|                          | 1                             | 22.0 | $\times \left( \frac{6.0+4.0}{2} \right)$   |    |                       |
|                          |                               |      | $\times \left( \frac{0.4+0.32}{2} \right)$  |    | 39.600 "              |
|                          | 1                             | 15.0 | $\times \left( \frac{6.2+4.4}{2} \right)$   |    |                       |
|                          |                               |      | $\times \left( \frac{0.35+0.20}{2} \right)$ |    | 23.800 "              |
|                          | 1                             | 12.0 | $\times \left( \frac{5.0+4.0}{2} \right)$   |    |                       |
|                          |                               |      | $\times \left( \frac{0.6+0.3}{2} \right)$   |    | 24.300 "              |
|                          | 1                             | 12.0 | $\times \left( \frac{5.0+4.0}{2} \right)$   |    |                       |

|          |   |      |                            |  |                        |
|----------|---|------|----------------------------|--|------------------------|
|          |   |      | $\times \frac{0.6+0.3}{2}$ |  | 24.300                 |
|          |   |      | Total                      |  | 151.475 m <sup>2</sup> |
| H.P pipe | 6 | 25.0 |                            |  | 15.000 m <sup>2</sup>  |

~~An~~ 02/10/80 ~~AC~~ 2/10/80 AC

Revol Measurement

1. Earth work

|               |   |      |                             |  |                        |
|---------------|---|------|-----------------------------|--|------------------------|
|               | 1 | 22.0 | $\frac{7.5+6.5}{2}$         |  |                        |
|               |   |      | $\times \frac{1.50+1.2}{2}$ |  | 207.900 m <sup>2</sup> |
|               | 1 | 26.0 | $\frac{1.90+1.50}{2}$       |  |                        |
|               |   |      | $\times \frac{1.5+1.1}{2}$  |  | 54.080 m <sup>2</sup>  |
|               | 1 | 15.0 | $\frac{2.1+1.4}{2}$         |  |                        |
|               |   |      | $\times \frac{2.2+1.9}{2}$  |  | 53.812 "               |
| Less H.P area |   |      |                             |  | (117.811)              |
|               |   |      | Total                       |  | 297.984                |

An  
5/10/80  
JE

~~Continuation~~  
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AC

| Particulars              | Details of actual measurement |       |                                                     |    | Contents of area        |
|--------------------------|-------------------------------|-------|-----------------------------------------------------|----|-------------------------|
|                          | No.                           | L.    | B.                                                  | D. |                         |
| <u>Recon measurement</u> |                               |       |                                                     |    |                         |
| <u>Bench Bar</u>         |                               |       |                                                     |    |                         |
|                          | 1X                            | 15.00 | $\times \left( \frac{5.50 + 4.5}{2} \right) \times$ |    |                         |
|                          |                               |       | $\left( \frac{1.4 + 1.6 + 1.8}{3} \right)$          |    | = 120.00 m <sup>2</sup> |
|                          | 1X                            | 18.00 | $\times \left( \frac{5.50 + 4.50}{2} \right)$       |    |                         |
|                          |                               |       | $\times \left( \frac{1.2 + 1.5 + 1.2}{3} \right)$   |    | = 114.60 "              |
|                          | 1X                            | 20.00 | $\times \left( \frac{6.0 + 4.5}{2} \right) \times$  |    |                         |
|                          |                               |       | $\left( \frac{1.2 + 0.9}{2} \right)$                |    | = 110.25 "              |
|                          |                               |       |                                                     |    | <u>Total = 344.810</u>  |
| <u>By</u>                |                               |       |                                                     |    |                         |
| 8/10/20                  |                               |       |                                                     |    |                         |
| JE                       |                               |       |                                                     |    |                         |
|                          |                               |       |                                                     |    |                         |
|                          |                               |       |                                                     |    |                         |

Recon measurement

Bench Bar

$$1X \ 12.00 \times \left( \frac{5.8 + 4.4}{2} \right) \times$$

$$\left( \frac{0.45 + 0.35}{2} \right) = 24.450 \text{ m}^2$$

$$1X \ 22.00 \times \left( \frac{6.2 + 4.5}{2} \right)$$

$$\times \left( \frac{0.35 + 0.25}{2} \right) = 35.310 "$$

$$1X \ 18.00 \times \left( \frac{6.0 + 4.9}{2} \right) \times$$

$$\left( \frac{0.4 + 0.3}{2} \right) = 32.130 "$$

$$1X \ 15.00 \times \left( \frac{5.6 + 4.0}{2} \right) \times$$

$$\left( \frac{0.45 + 0.30}{2} \right) = 28.800 "$$

$$1X \ 10.00 \times \left( \frac{5.5 + 4.1}{2} \right) \times$$

$$\left( \frac{0.5 + 0.4}{2} \right) = 22.50 "$$

$$\text{Total} = 143.220 \text{ m}^2$$

By  
11/10/20  
JE

By  
10/11/20  
AE  
Continuation

| Particulars                | Details of actual measurement |        |                              |    | Contents of area              |
|----------------------------|-------------------------------|--------|------------------------------|----|-------------------------------|
|                            | No.                           | L.     | B.                           | D. |                               |
| <u>Revised measurement</u> |                               |        |                              |    |                               |
| 2 Earth work               |                               |        |                              |    |                               |
|                            | 1x                            | 15.00x | $(\frac{7.5+2.0}{2})$        |    |                               |
|                            |                               |        | $\times (\frac{1.5+1.2}{2})$ |    | = 146.813 m <sup>2</sup>      |
|                            | 1x                            | 16.00x | $(\frac{2.5+1.8}{2})$        |    |                               |
|                            |                               |        | $\times (\frac{1.4+1.2}{2})$ |    | = 98.880 "                    |
|                            | 1x                            | 25.00x | $(\frac{2.5+1.4}{2})$        |    |                               |
|                            |                               |        | $\times (\frac{1.8+1.5}{2})$ |    | = 80.438 "                    |
| 1 cm H.P. area             |                               |        |                              |    | (=) 17.81 "                   |
|                            |                               |        |                              |    | Total = 258.32 m <sup>2</sup> |

  
 15/10/20  
 J.E

  
 15/10/20  
 A.G

Amgla  
 15-10-20