

Scheme - Soanchar - to Rajghat Kangaru Road.

Length: - 0.290 Km

MMSY WDB

Bucks

## Schedule XLV Form No. 134.

Work: - Rajghat Nizaman India Rd Ltd.

Agm: - 05/SRD/2024-22

DIVISION

SUB-DIVISION

21410 31415 - 34144

## Measurement Book

M.B No: -

1243



Sch. XLV-Form No. 134

| Sch. XLV-Form No. 134                       |                               |       |      | Contents of area |
|---------------------------------------------|-------------------------------|-------|------|------------------|
| Particulars                                 | Details of actual measurement |       |      |                  |
|                                             | No.                           | L.    | B.   | D.               |
| (2/5) Construction of sub grade & shoulders |                               |       |      |                  |
| Sub grade                                   |                               |       |      |                  |
|                                             | 3A                            | 30.00 | 1.50 | $40.50 M^3$      |
|                                             | 3A                            | 30.00 | 2.00 | $54.00 M^3$      |
|                                             |                               |       |      | $= 94.50 M^3$    |
| (1/3) Half MM Gray Bricks                   |                               |       |      |                  |
| Super Board                                 |                               |       |      |                  |
| Logo Board                                  |                               |       |      | 1                |
| Informant                                   |                               |       |      | 1                |
| Manr. Board                                 |                               |       |      | 1                |
|                                             |                               |       |      | $= 3 M^3$        |

Record Entry

|     |                                                  |  |  |
|-----|--------------------------------------------------|--|--|
| 1/7 | Cont of G.S.B. Gr I                              |  |  |
|     | with well grained                                |  |  |
|     | crackup & Porphyroclasts                         |  |  |
|     | 1x 26.0W x 1.50 (M) x 0.10 = 3.90 M <sup>3</sup> |  |  |
|     | { 1x 30.0W x 1.30 x 0.10 = 3.90 "                |  |  |
|     | { 1x 30.0W x 0.75 x 0.10 = 2.25 "                |  |  |
|     | 1x 30.0W x 1.50 (M) x 0.10 = 4.50 "              |  |  |
|     | 1x 22.0W x 1.50 x 0.10 = 3.30 "                  |  |  |
|     | 1x 5.50 x 5.0W x 0.10 = 2.75 "                   |  |  |
|     | 1x 6.0W x 3.15 x 0.10 = 1.89 "                   |  |  |

Continuation

$$= 224977$$

Sch. XLV-Form No. 134

B.C. = 22.49 M<sup>2</sup>

| Particulars | Details of actual measurement |       |           |      | Contents of area     |
|-------------|-------------------------------|-------|-----------|------|----------------------|
|             | No.                           | L.    | B.        | D.   |                      |
|             | 2                             | 30.00 | 4.00 (Am) | 0.10 | 24.00                |
|             | 1                             | 28.00 | 3.90 (Am) | 0.10 | 10.92                |
|             | 1                             | 30.00 | 0.85 (Am) | 0.10 | 2.55                 |
|             | 1                             | 8.00  | 1.95 (Am) | 0.10 | 1.56                 |
|             | Total =                       |       |           |      | 61.52 M <sup>2</sup> |

10/5/22  
J.E.

10/5/22  
J.E.

Record (Sri Lanka)

(1/8) P.V. & Log in W.B.M. G.P.  
du 1.000  
From KOR to Sanaduk

|   |       |             |       |                     |
|---|-------|-------------|-------|---------------------|
| 1 | 6.00  | 6.20 + 3.90 | 0.075 | 2.27 M <sup>2</sup> |
| 1 | 7.00  | 4.90 + 4.50 | 0.075 | 2.47 "              |
| 1 | 13.00 | 4.50        | 0.075 | 4.39                |
| 1 | 30.00 | 4.50 (Am)   | 0.075 | 10.13               |
| 1 | 12.00 | 3.75 + 3.90 | 0.075 | 3.44                |
| 1 | 5.00  | 5.00 (Am)   | 0.075 | 1.88                |
| 1 | 15.00 | 3.75 + 5.00 | 0.075 | 4.92 "              |
| 1 | 15.00 | 5.00 + 3.90 | 0.075 | 5.01 "              |
| 1 | 5.00  | 3.50 + 3.90 | 0.075 | 1.39 "              |
| 1 | 5.50  | 9.80 + 9.60 | 0.075 | 4.00                |

Continuation

Sch. XLV-Form No. 134

B.C. = 29.94 M<sup>3</sup>

| Particulars            | Details of actual measurement |    |               | Contents of area               |
|------------------------|-------------------------------|----|---------------|--------------------------------|
|                        | No.                           | L. | B.            |                                |
| 1x 6.00 x 6.40 + 8.20  |                               |    | $\frac{2}{2}$ | $0.075 \times 3.29 = 3.29 M^3$ |
| 1x 7.00 x 3.50 + 3.75  |                               |    | $\frac{2}{2}$ | $0.075 \times 1.90 = 1.90 M^3$ |
| 1x 30.00 x 3.75        |                               |    | $\frac{2}{2}$ | $0.075 \times 8.78 = 8.78 M^3$ |
| 1x 8.50 x 4.25 (A-)    |                               |    | $\frac{2}{2}$ | $0.075 \times 2.71 = 2.71 M^3$ |
| 1x 13.00 x 3.50 + 3.75 |                               |    | $\frac{2}{2}$ | $0.075 \times 3.53 = 3.53 M^3$ |
| 1x 22.00 x 3.75        |                               |    | $\frac{2}{2}$ | $0.075 \times 6.19 = 6.19 M^3$ |
| 1x 11.00 x 4.25 + 4.35 |                               |    | $\frac{2}{2}$ | $0.075 \times 3.55 = 3.55 M^3$ |
| 1x 28.00 x 4.35 + 4.75 |                               |    | $\frac{2}{2}$ | $0.075 \times 8.53 = 8.53 M^3$ |
| 1x 7.00 x 3.60 + 3.15  |                               |    | $\frac{2}{2}$ | $0.075 \times 1.77 = 1.77 M^3$ |
| 1x 5.00 x 5.40         |                               |    | $\frac{2}{2}$ | $0.075 \times 2.03 = 2.03 M^3$ |
| 1x 2.50 x 3.90         |                               |    | $\frac{2}{2}$ | $0.075 \times 0.73 = 0.73 M^3$ |
| 1x 2.50 x 5.60         |                               |    | $\frac{2}{2}$ | $0.075 \times 1.05 = 1.05 M^3$ |
| Total. 81              |                               |    |               | $= 83.60 M^3$                  |

22/5/22  
J.E.

22/5/22  
R.G.

Record. Measurement

(19) Cement Concrete Area - M-30:-  
do - - - - Cubes

From KDR to Squadrok

|                        |  |  |               |                          |
|------------------------|--|--|---------------|--------------------------|
| 1x 6.00 x 6.20 + 3.90  |  |  | $\frac{2}{2}$ | $0.160 \times 4.85 M^3$  |
| 1x 7.00 x 4.90 + 4.50  |  |  | $\frac{2}{2}$ | $0.160 \times 5.26 M^3$  |
| 1x 13.00 x 4.50        |  |  | $\frac{2}{2}$ | $0.160 \times 9.36 M^3$  |
| 1x 30.00 x 4.50 (A-)   |  |  | $\frac{2}{2}$ | $0.160 \times 21.60 M^3$ |
| 1x 12.00 x 3.75 + 3.90 |  |  | $\frac{2}{2}$ | $0.160 \times 7.34 M^3$  |
| 1x 5.00 x 5.00         |  |  | $\frac{2}{2}$ | $0.160 \times 4.00 M^3$  |
| 1x 15.00 x 3.75 + 5.00 |  |  | $\frac{2}{2}$ | $0.160 \times 10.50 M^3$ |
| 1x 15.00 x 5.00 + 3.90 |  |  | $\frac{2}{2}$ | $0.160 \times 10.68 M^3$ |

Continuation

= 73.59 M<sup>3</sup>

## Sch. XLV-Form No. 134

| Particulars                              | Details of actual measurement |   |   |   | Contents of area      |
|------------------------------------------|-------------------------------|---|---|---|-----------------------|
|                                          | No.                           | L | B | D |                       |
| <del>1x 5.50 x 3.50 + 3.90</del>         |                               |   |   |   |                       |
| 1x 5.50 x $\frac{3.50+3.90}{2}$ x 0.160  |                               |   |   |   | 2.96 m <sup>3</sup>   |
| 1x 5.50 x $\frac{9.80+9.60}{2}$ x 0.160  |                               |   |   |   | 8.54 "                |
| 1x 6.00 x $\frac{6.40+8.20}{2}$ x 0.160  |                               |   |   |   | 7.01                  |
| 1x 7.00 x $\frac{3.50+3.75}{2}$ x 0.160  |                               |   |   |   | 4.06                  |
| 1x 30.00 x $\frac{3.75+2.90}{2}$ x 0.160 |                               |   |   |   | 18.00                 |
| 1x 8.50 x 4.25 (A) x 0.160               |                               |   |   |   | 5.78                  |
| 1x 13.00 x $\frac{3.50+3.75}{2}$ x 0.160 |                               |   |   |   | 7.54                  |
| 1x 22.00 x 3.75 x 0.160                  |                               |   |   |   | 13.20                 |
| 1x 11.00 x $\frac{4.25+4.35}{2}$ x 0.160 |                               |   |   |   | 7.57                  |
| 1x 25.00 x $\frac{4.35+4.75}{2}$ x 0.160 |                               |   |   |   | 18.20                 |
| 1x 7.00 x $\frac{3.60+3.15}{2}$ x 0.160  |                               |   |   |   | 3.78                  |
| 1x 5.00 x 5.40 x 0.160                   |                               |   |   |   | 4.32                  |
| 1x 2.50 x 3.90 x 0.160                   |                               |   |   |   | 1.56                  |
| 1x 2.50 x 5.60 (A) x 0.160               |                               |   |   |   | 2.24                  |
| Total B <sub>1</sub> =                   |                               |   |   |   | 178.35 m <sup>3</sup> |
| (P/10) Layer of Bricks Layer             |                               |   |   |   |                       |
| d = 10 cm 50                             |                               |   |   |   |                       |
| 1x 3x 30.00 x 0.25                       |                               |   |   |   | 22.50 m <sup>2</sup>  |
| 5x 10.00 x 0.25                          |                               |   |   |   | 2.50 "                |
| 1x 16.00 x 0.25                          |                               |   |   |   | 4.00                  |
| 1x 4x 30.00 x 0.25                       |                               |   |   |   | 30.00                 |
| 1x 8.00 x 0.25                           |                               |   |   |   | 2.00                  |
| 1x 2x 30.00 x 0.25                       |                               |   |   |   | 15.00                 |
| 1x 5x 15.00 x 0.25                       |                               |   |   |   | 18.75                 |
| B <sub>2</sub> =                         |                               |   |   |   | 94.75 m <sup>2</sup>  |
| (P/8) Cont of sub-grade thickness -      |                               |   |   |   |                       |
| d = 10 cm 50                             |                               |   |   |   |                       |

$$1x 4x 25.00 x 0.60 x 0.325 = 20.10 m^3$$

Continuation

$$1x 5x 25.00 x 0.50 x 0.325 = 20.93$$

$$1x 8.00 x 0.50 x 0.325 = 1.34$$

$$= 42.37 m^3$$

2/10/22  
Jc

2/11/22  
B

## Sch. XLV-Form No. 134

| Particulars                          | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------|-------------------------------|----|----|----|------------------|
|                                      | No.                           | L. | B. | D. |                  |
| Ist Ak Bill                          |                               |    |    |    |                  |
| N/Work:- Construction with 5 years   |                               |    |    |    |                  |
| Maintenance of road                  |                               |    |    |    |                  |
| Sonachak to Rajghat Komari           |                               |    |    |    |                  |
| Road under NDB BRICKS                |                               |    |    |    |                  |
| in Pimpun Block -                    |                               |    |    |    |                  |
| Pachape - MMSY-NDB-BRRP-220, Masauli |                               |    |    |    |                  |
| N/Agency: Baijnath Nirman Indhe      |                               |    |    |    |                  |
| Agordo - 05/30/2021-22               |                               |    |    |    |                  |
| Start date - 9/6/2021                |                               |    |    |    |                  |
| Int. date of Comp - 8/6/2022         |                               |    |    |    |                  |
|                                      |                               |    |    |    |                  |
|                                      |                               |    |    |    |                  |

|                                    |  |  |  |  |  |
|------------------------------------|--|--|--|--|--|
| (11) P/V Rect M-15 RM-Stone        |  |  |  |  |  |
| Total - 2 Nos                      |  |  |  |  |  |
| (12) P/V 200 mm. Recess            |  |  |  |  |  |
| Stone                              |  |  |  |  |  |
| Total - 1 No                       |  |  |  |  |  |
| Rectangular reflector Traffic Sign |  |  |  |  |  |
| (14) P/V & Traip 600 mm            |  |  |  |  |  |
| Equilateral Sign                   |  |  |  |  |  |
| Total - 4 Nos                      |  |  |  |  |  |
| (15) P/V & Traip 600 mm            |  |  |  |  |  |
| Octagonal Sign                     |  |  |  |  |  |
| Total - 2 Nos                      |  |  |  |  |  |
| (16) P/V & Traip 600 x 450 mm      |  |  |  |  |  |
| Rectangular Sign                   |  |  |  |  |  |
| Total - 2 Nos                      |  |  |  |  |  |

Continuation

## Sch. XLV-Form No. 134

| Particulars                   | Details of actual measurement |    |    |                               | Contents of area       |
|-------------------------------|-------------------------------|----|----|-------------------------------|------------------------|
|                               | No.                           | L. | B. | D.                            |                        |
| (6/17) P/V & Fanning Rec 1-15 |                               |    |    |                               |                        |
| Boundry fella — 1.            |                               |    |    |                               |                        |
|                               |                               |    |    | 1.4 m x 0.10 = 0.14           |                        |
| (7/18) Root Marking work      |                               |    |    |                               |                        |
| Not applied. thorn            |                               |    |    |                               |                        |
| Plastic Cap 1. — 1.           |                               |    |    |                               |                        |
|                               | 2 x 8 x 30.00                 |    |    | x 0.10 = 18.00 m <sup>2</sup> |                        |
|                               | 2 x 1 x 13.00                 |    |    | x 0.10 = 2.60 "               |                        |
|                               | 2 x 1 x 6.65                  |    |    | x 0.10 = 1.33 "               |                        |
|                               | 1 x 2 x 3.00                  |    |    | x 0.10 = 0.60 "               |                        |
|                               |                               |    |    |                               | = 52.53 m <sup>2</sup> |

|                                                        |                  |                  |               |                    |  |
|--------------------------------------------------------|------------------|------------------|---------------|--------------------|--|
| <del>(7) Construction of Embankment</del>              |                  |                  |               |                    |  |
| <del>with 50.00 emb 1000</del>                         |                  |                  |               |                    |  |
| <del>CH. 4/5 Mean C/S Length 0.45 (1/16 m)</del>       |                  |                  |               |                    |  |
| <del>00</del>                                          | <del>3.348</del> |                  |               |                    |  |
| <del>50</del>                                          | <del>3.273</del> | <del>3.311</del> | <del>50</del> | <del>165.525</del> |  |
| <del>100</del>                                         | <del>3.575</del> | <del>3.424</del> | <del>50</del> | <del>171.200</del> |  |
| <del>150</del>                                         | <del>3.587</del> | <del>3.723</del> | <del>50</del> | <del>186.125</del> |  |
| <del>200</del>                                         | <del>3.369</del> | <del>3.620</del> | <del>50</del> | <del>180.975</del> |  |
| <del>253</del>                                         | <del>1.004</del> | <del>2.187</del> | <del>50</del> | <del>113.885</del> |  |
| <del>Total 815 (with emb) = 819.71 m<sup>3</sup></del> |                  |                  |               |                    |  |

| (8) Construction of Embankment with |    |          |           |       |        |
|-------------------------------------|----|----------|-----------|-------|--------|
| measured off for Barport            |    |          |           |       |        |
| Sta.                                | CH | Area C/S | Mean Area | Dist  | Volume |
| 00                                  |    | 7.503    | —         | —     | —      |
| 50                                  |    | 7.474    | 7.489     | 50.00 | 374.43 |
| 100                                 |    | 4.415    | 5.945     | 50.00 | 297.23 |
| 150                                 |    | 6.755    | 5.585     | 50.00 | 279.25 |
| 200                                 |    | 6.976    | 6.866     | 50.00 | 343.28 |
| Continuation                        |    |          |           |       |        |
| 253                                 |    | 6.64     | 6.808     | 53.00 | 360.82 |

Total 815 (with emb) = 1655.00 m<sup>3</sup> (C)

| Particulars                                                         | Details of actual measurement |    |    |    | Contents of area       |
|---------------------------------------------------------------------|-------------------------------|----|----|----|------------------------|
|                                                                     | No.                           | L. | B. | D. |                        |
| <b>(b) Deduction of Cms</b>                                         |                               |    |    |    |                        |
| (i) Sub grad + Shoulder (94.50 + 42.37) = 136.87m <sup>3</sup>      |                               |    |    |    |                        |
| (ii) Qty of G.S.B. - - - = 61.52 "                                  |                               |    |    |    |                        |
| (iii) Qty of W.B.M. G.S.B. - - - = 83.60m <sup>3</sup>              |                               |    |    |    |                        |
| (iv) Qty of C.C. Pavement - - - = 178.35m <sup>3</sup>              |                               |    |    |    |                        |
|                                                                     |                               |    |    |    | = 460.34m <sup>3</sup> |
| Net Embankment Qty (A-B) = 1655.00 - 460.34 = 1194.66m <sup>3</sup> |                               |    |    |    |                        |
| <b>(A) 30% Qty with lead 1000m</b>                                  |                               |    |    |    |                        |
| = 1194.66 × 30/100 = 358.40m <sup>3</sup>                           |                               |    |    |    |                        |
| <b>(B) 70% Qty with lead up to 100m</b>                             |                               |    |    |    |                        |
| = 1194.66 × 70/100 = 836.26m <sup>3</sup>                           |                               |    |    |    |                        |
|                                                                     |                               |    |    |    |                        |
|                                                                     |                               |    |    |    |                        |
|                                                                     |                               |    |    |    |                        |

| ABSTRACT OF COST.                                         |  |  |  |  |  |
|-----------------------------------------------------------|--|--|--|--|--|
| <b>(1) Self cost of labor &amp; workshop and material</b> |  |  |  |  |  |
| = 0.253 KM (Qty P-1, & 1)                                 |  |  |  |  |  |
| ② 11077 = 39/KM → 2803 = 0                                |  |  |  |  |  |
| <b>(2) Clearing &amp; grubbing of road</b>                |  |  |  |  |  |
| Land - - -                                                |  |  |  |  |  |
| = 0.1021 KM (P-1, & 2)                                    |  |  |  |  |  |
| ③ 52998 = 20/KM → 5406 = 2                                |  |  |  |  |  |
| <b>(3) Construction of SubH</b>                           |  |  |  |  |  |
| with lead up to 1000m                                     |  |  |  |  |  |
| = 358.40m <sup>3</sup> (Qty Above Workshop Material (A))  |  |  |  |  |  |
| Amount - 357.68m <sup>3</sup>                             |  |  |  |  |  |
| ④ 222 = 60/m <sup>3</sup> Continuation                    |  |  |  |  |  |
| → 779620 = 2                                              |  |  |  |  |  |
| 87829 = 0                                                 |  |  |  |  |  |

| Particulars                                                    | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                | No.                           | L. | B. | D. |                  |
| (1/5) Construction of Embankment<br>with lead up to 100 M      |                               |    |    |    |                  |
| $= 836.26 \text{ M}^3$ (P-8, Mod B)                            |                               |    |    |    |                  |
| Limit to $834.59 \text{ M}^3$                                  |                               |    |    |    |                  |
| @ $184.15/\text{M}^3$ — $\bar{x}$ 153,690                      |                               |    |    |    |                  |
| (5/6) Comp of sub-grade & earth shoulder — do                  |                               |    |    |    |                  |
| $= 94.50 \text{ M}^3$ (P-2, H-3/6)                             |                               |    |    |    |                  |
| $= 42.37 \text{ M}^3$ (P-5, H-3/6)                             |                               |    |    |    |                  |
| $= 136.87 \text{ M}^3$ @ $222.60/\text{M}^3$ — $\bar{x}$ 30467 |                               |    |    |    |                  |
| (6/7) Comp of G.S.B. Gr. I — do                                |                               |    |    |    |                  |
| Cap. 00 — — — 00                                               |                               |    |    |    |                  |
| $= 61.52 \text{ M}^3$ (P-3, H-1/4)                             |                               |    |    |    |                  |
| Limit to $60.92 \text{ M}^3$                                   |                               |    |    |    |                  |
| @ $2693.58/\text{M}^3$ — $\bar{x}$ 1,64,092                    |                               |    |    |    |                  |
| (7/8) P/L & Lay of M.B.M. Gr. 3                                |                               |    |    |    |                  |
| do — do — — 00                                                 |                               |    |    |    |                  |
| $= 83.60 \text{ M}^3$ (P-4, H-1/8)                             |                               |    |    |    |                  |
| Limit to $83.19 \text{ M}^3$                                   |                               |    |    |    |                  |
| @ $3554.31/\text{M}^3$ — $\bar{x}$ 295,683                     |                               |    |    |    |                  |
| (8/9) Comp of C.C. Pavement — 17.30                            |                               |    |    |    |                  |
| do — do — — 00                                                 |                               |    |    |    |                  |
| $= 178.35 \text{ M}^3$ (P-5, H-1/4)                            |                               |    |    |    |                  |
| Limit to $= 177.48 \text{ M}^3$                                |                               |    |    |    |                  |
| @ $6301.11/\text{M}^3$ — $\bar{x}$ 11,18,321                   |                               |    |    |    |                  |
| (9/10) Lay of Branch Sol. of P — do                            |                               |    |    |    |                  |
| Cap. 00                                                        |                               |    |    |    |                  |
| $= 94.75 \text{ M}^3$ (P-5, H-2/10)                            |                               |    |    |    |                  |
| @ $485.02/\text{M}^3$ — $\bar{x}$ 45956                        |                               |    |    |    |                  |

Continuation

Sch. XLV-Form No. 134 B.P. 1896038-1

| Particulars                                     | Details of actual measurement |    |    |    | Contents of area |
|-------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                 | No.                           | L. | B. | D. |                  |
| (10/11) P/V & P.A. Ordinary Key<br>P.A.P. ————  |                               |    |    |    |                  |
| = 1 No (P-6, 2H 1/11)                           |                               |    |    |    |                  |
| ① 2197 = 94 each ————                           |                               |    |    |    | 2198 = 00        |
| (11/12) P/V & P.A. 200 mm. stone<br>A ————      |                               |    |    |    |                  |
| = 1 No (P-6, 2H 2/12)                           |                               |    |    |    |                  |
| ① 693 = 99 each ————                            |                               |    |    |    | 614 = 00         |
| (12/13) P.A. 140 mm. BRICK<br>Sep. Board ————   |                               |    |    |    |                  |
| = 3 Nos (P-2, 2H 4/13)                          |                               |    |    |    |                  |
| ① 9416 = 57 each ————                           |                               |    |    |    | 28250 = 00       |
| (13/14) 600 mm. Equilateral Triangle<br>do ———— |                               |    |    |    |                  |
| = 4 Nos (P-6, 2H 3/14)                          |                               |    |    |    |                  |
| ① 3456 = 95 each ————                           |                               |    |    |    | 13828 = 00       |
| (14/15) 600 mm. Circular Top/B<br>Sep. ————     |                               |    |    |    |                  |
| = 2 Nos (P-6, 2H 4/15)                          |                               |    |    |    |                  |
| ① 4631 = 23 each ————                           |                               |    |    |    | 9262 = 00        |
| (15/16) 600 x 450 mm. Rectangular<br>Sep. ————  |                               |    |    |    |                  |
| = 2 Nos (P-6, 2H 5/16)                          |                               |    |    |    |                  |
| ① 4511 = 03 each ————                           |                               |    |    |    | 9022 = 00        |
| (16/17) Rect M-15 Boundary<br>P.A. ————         |                               |    |    |    |                  |
| = 4 Nos (P-7, 2H 6/17)                          |                               |    |    |    |                  |
| ① 515 = 87 each ————                            |                               |    |    |    | 2063 = 00        |

Continuation

1961275 = 00

196127524

Continuation
$$\frac{129}{1819122}$$