

HL RCC Bridge Thora River  
at Baikunthpur village  
Schedule XLV-Form No. 134  
(Nabard)

Buxar DIVISION

Tarhi SUB-DIVISION

# MEASUREMENT BOOK

होल कृषि वि

1616

# 3rd on A/c Bill

28

Sch. XLV-Form No. 134

| Particulars                                                                                                                           | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                                       | No.                           | L. | B. | D. |                  |
| Name of work: Construction of road five year maintenance of H.L.R.C.C Bridge over Thana River at Baidhuth Pur village in Tarhi Block. |                               |    |    |    |                  |
| Agency: Sri Hemant Kumar Singh village, Shiva Purne Post Thana Buxar Buxar.                                                           |                               |    |    |    |                  |
| Approximate No. of S.R.S. of 2021, 2022                                                                                               |                               |    |    |    |                  |
| Date of start: 20.11.2021                                                                                                             |                               |    |    |    |                  |
| Date of comp: 19.11.2022                                                                                                              |                               |    |    |    |                  |

|                                                                 |  |  |  |  |                     |
|-----------------------------------------------------------------|--|--|--|--|---------------------|
| ① Plain Reinforced Cement concrete M-30 in sub structure -      |  |  |  |  |                     |
| Pier -                                                          |  |  |  |  |                     |
| A <sub>1</sub> - $3 \times 0.93 \times 0.55 \times 0.25 = 0.36$ |  |  |  |  |                     |
| P <sub>1</sub> - $3 \times 0.93 \times 1.25 \times 0.25 = 0.87$ |  |  |  |  |                     |
| P <sub>2</sub> - $3 \times 0.93 \times 1.25 \times 0.25 = 0.87$ |  |  |  |  |                     |
| A <sub>2</sub> - $3 \times 0.93 \times 0.55 \times 0.25 = 0.36$ |  |  |  |  |                     |
| Total -                                                         |  |  |  |  | 2.46 m <sup>3</sup> |
| ② Providing Weep Holes in Abutment cap with same dia. as pipe - |  |  |  |  |                     |
| Horizontal distance -                                           |  |  |  |  | 5 Nos               |
| Continuation                                                    |  |  |  |  |                     |
| Total                                                           |  |  |  |  | 5 Nos               |

# ABSTRACT of COST

Sch. XLV-Form No. 134

| Particulars                                          | Details of actual measurement |    |    |    | Contents of area |
|------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                      | No.                           | L. | B. | D. |                  |
| ① Earthwork in excavation of foundation of structure |                               |    |    |    |                  |
| ②                                                    |                               |    |    |    |                  |
| ③                                                    |                               |    |    |    |                  |
| ④                                                    |                               |    |    |    |                  |
| ⑤                                                    |                               |    |    |    |                  |
| ⑥                                                    |                               |    |    |    |                  |
| ⑦                                                    |                               |    |    |    |                  |
| ⑧                                                    |                               |    |    |    |                  |
| ⑨                                                    |                               |    |    |    |                  |
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| ⑫                                                    |                               |    |    |    |                  |
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Continuation

| Particulars                                                                                                                                                   | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                                                               | No.                           | L. | B. | D. |                  |
| (9) 100 ridge steel channel<br>10 mm thick for<br>culvert - do -<br>Qty 100 (24)<br>NW 100 8.517<br>67209.91/4 = 572429                                       |                               |    |    |    |                  |
| (10) Supply of H.P. and<br>placing concrete<br>for 50 bar, do -<br>Qty 100 (24)<br>NW 100 114.804                                                             |                               |    |    |    |                  |
| (11) Plain reinforced concrete<br>Rec. m. 30 in sub<br>slabs - do -<br>Qty 100 (24)<br>NW 100 234.615<br>7686.57/4 = 1803385                                  |                               |    |    |    |                  |
| (12) Plain reinforced concrete<br>Rec. m. 30 in sub<br>slabs - do -<br>Qty 100 (24) + (28)<br>NW 100 113 + 11<br>116.01 + 2.46 = 118.47<br>7819.57/4 = 926384 |                               |    |    |    |                  |
| Continuation                                                                                                                                                  |                               |    |    |    |                  |
| Total                                                                                                                                                         |                               |    |    |    | 26166910.20      |

| Particulars                                                        | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                    | No.                           | L. | B. | D. |                  |
| (18) Providing weed Mats in Abutment cap with 100 mm dia. - do -   |                               |    |    |    |                  |
| As per T.M. 19 (29)                                                |                               |    |    |    |                  |
| Qty 120.80/m <sup>2</sup>                                          |                               |    |    |    | 215022           |
| (19) Providing Hysol bar in all types of R.C. work all completed - |                               |    |    |    |                  |
| As per T.M. 19 (33)                                                |                               |    |    |    |                  |
| Qty 23.108                                                         |                               |    |    |    | 17948            |

|                                                                  |                                                |            |
|------------------------------------------------------------------|------------------------------------------------|------------|
| 92                                                               | = 31.05/m <sup>2</sup> op - 57623.91/2179082 = |            |
| (20) Supplying all necessary precast 30' insulation slabs - do - |                                                |            |
| As per T.M. 32 (33)                                              |                                                |            |
| Qty 102.287 m <sup>3</sup>                                       |                                                |            |
| ① - 8360.57/m <sup>3</sup> = 85517720                            |                                                |            |
| Total 31420714 =                                                 |                                                |            |
| Add 12.1 G.S.T -                                                 |                                                | 3770486 =  |
| Add 1% balance -                                                 |                                                | 3142072 =  |
| Total 35505407 =                                                 |                                                |            |
| Less 22.61% R.B. -                                               |                                                | 8027772 =  |
| Less 22.61% R.B. -                                               |                                                | 27477635 = |
| Continuation                                                     |                                                | 24816571 = |
| Sum of Mats -                                                    |                                                | 26610640 = |
| 29/06/22                                                         |                                                |            |
| AE                                                               |                                                |            |
|                                                                  |                                                | 6.6.22     |