Agency - Ramesh Kr. Singh

Tanpur/tel is Bihari Bigha

Mj. Mehsar

BIHAR P.W.D.

E.E. R.W.D. Works Aurangabad DIVISION

Assistant Engineer R.W.D. SUB-DIVISION

Work Sub-Division - Nabinagar

MEASUREMENT BOOK.

2540

Certified that this M.B. contain 1W
(one hundred) Pages by Printers Machine
and Issued to Sri Dinesh M. Singh
A.E. R.W3. WD4 Sub-D.V. Nabinagar.

Schedule XLV - Form No. 134.

E.E. R.W.D. A-bad. DIVISION.

A.E Nabinagar. SUB-DIVISION.

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MEASUREMENT BOOK.

2540

212297

Name of officer   Sri Dimesh Pd. Singh. A.E

R.W.D. WD4 Sub- Division- Nabinagar.

Date of first entry _____

Date of last entry _____

बिहार गवर्नमेंट प्रेस, गया ।

Sch. XLV-Form No. 134

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

2nd lease 35/1

N/W – Pandwa Maharajganj Road
to Bihari birtha

Agency – Sri Ramesh Kr. Singh
Sirthi g

Agreement No. L 50 SAD 2020-21
Agreement value – ₹ 5949, 2020
Date of Start – 8.6.2020
Date of completion – 7.6.2021

Measurement

① Construction of sub grade &
earther shoulder

$16.55\,m \times \dfrac{3.70 + 4.40}{2} \times 0.30\,m = 20.11\,m^3$

$18.50\,m \times \dfrac{3.60 + 3.25}{2} \times 0.30\,m = 18.73\,''$

$18.50\,m \times \dfrac{3.40 + 3.75}{2} \times 0.30\,m = 18.73\,''$

$3.10\,m \times 4.70\,m \times 0.30\,m = 4.32\,''$

$3.10\,m \times 0.50\,m \times 0.30\,m = 0.47\,''$

$6.75\,m \times 3.50\,m \times 0.30\,m = 7.09\,''$

$6.75\,m \times 3.40\,m \times 0.30\,m = 6.89\,''$

$6.75\,m \times 3.40\,m \times 0.30\,m = 7.09\,''$

$7.30\,m \times 1.55\,m \times 0.30\,m = 3.39\,''$

$4.50\,m \times 2.45\,m \times 0.30\,m = 3.31\,''$

$22.80\,m \times 3.75\,m \times 0.30\,m = 25.65\,''$

$5.80\,m \times 2.90\,m \times 0.30\,m = 5.05\,''$

$29.30\,m \times \dfrac{3.10 + 3.70 + 3.75 + 3.50}{4} \times 0.30\,m = 30.87\,''$

Near culvert 3 $\;3.60\,m \times 3.60\,m \times 0.30\,m = 3.89\,''$

near house of Kiran Singh

$29.00\,m \times \dfrac{3.00 + 2.40 + 3.30}{2} \times 0.30\,m = 24.36\,''$

Continuation

$180.00\,m^3$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					B/F	130.00 m³

near house of M & to sink

15.00 m × 3.25 m × 0.30 m = 16.88 "

8.50 m × 3.25 m × 0.30 m = 9.36 "

Rear house of second floor sink

9.00 m × 0.25 + 0.65 / 2 × 0.30 m = 1.22 "

2.50 m × 0.25 m × 0.30 m = 0.19 "

0.50 m × 5.00 m × 0.30 m = 1.35 "

3.00 m × 0.15 m × 0.30 m = 0.14 "

209.34 m³

② Granular sub base WBM

well graded material

16.55 m × 3.70 + 4.40 / 2 × 0.10 m = 6.70 m³

18.50 m × 3.60 + 3.75 / 2 × 0.10 m = 6.61 "

18.50 m × 3.60 + 3.25 / 2 × 0.10 m = 6.61 "

3.10 m × 4.70 m × 0.10 m = 1.46 "

3.10 m × 0.50 m × 0.10 m = 0.16 "

6.75 m × 3.50 m × 0.10 m = 2.36 "

6.75 m × 3.50 m × 0.10 m = 2.36 "

6.75 m × 3.40 m × 0.10 m = 2.30 "

7.30 m × 1.55 m × 0.10 m = 1.13 "

4.50 m × 2.45 m × 0.10 m = 1.10 "

22.80 m × 3.75 m × 0.10 m = 8.55 "

5.80 m × 2.90 m × 0.10 m = 1.68 "

29.30 m × 3.10 + 3.70 + 3 × 3.50 / 4 × 0.10 m = 10.29 / 2.73 "

3.60 m × 3.60 m × 0.10 m = 1.30 "

29.00 m × 3.40 + 2.10 + 3.30 / 3 × 0.10 m = 8.12 "

15.00 m × 3.75 m × 0.10 m = 5.69 "

8.50 m × 3.25 m × 0.10 m = 3.19 "

Continuation

69.55 m³

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				BM²	~~69.55~~ m³
9.00m× 0.25+0.65/2 × 0.10m = 0.41 "					
2.50m× 0.25m× 0.10m = 0.06 "					
0.90m× 5.00m× 0.10m = 0.45 "					
3.00m× 0.15m× 0.10m = 0.05 "					
					70.52 m³

③ Water Bound maccadam

with 5 lens screening on line of WBM-3

16.55× (3.70+4.40)/2 × 0.075m = 5.03 m³

18.50m× (3.40+3.75)/2 × 0.075m = 4.96 "

18.50m× (3.40+3.75)/2 × 0.075m = 4.96 "

3.10m× 4.70m× 0.075m = 1.09 "

3.10m× 0.50m× 0.075m = 0.12 "

6.75m× 3.50m× 0.075m = 1.77 "

6.75m× 3.50m× 0.075m = 1.77 "

6.75m× 3.40m× 0.075m = 1.72 "

7.30m× 1.55m× 0.075m = 0.85 "

4.50m× 2.45m× 0.075m = 0.83 "

22.50m× 3.75m× 0.075m = 6.41 "

5.80m× 2.90m× 0.075m = 1.26 "

29.30m× (3.10+3.70+3.25+3.50)/4 × 0.075m = 7.71 "

3.60m× 3.60m× 0.075m = 0.97 "

29.00m× (3.00+2.10+3.30)/3 × 0.075m = 6.09 "

15.00m× 3.75m× 0.075m = 4.22 "

8.50m× 3.75m× 0.075m = 2.39 "

9.00m× (0.25+0.65)/2 × 0.075m = 0.30 "

2.50m× 0.75m× 0.075m = 0.05 "

0.90m× 5.00m× 0.075m = 0.34 "

3.00m× 0.15m× 0.075m = 0.03 "

~~52.87~~ m³

Continuation   36.83 m³

Sch. XLV-Form No. 134

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

④ Construction of an reinforced plain cement concrete:

16.55 m × $\frac{3.70+4.40}{2}$ × 0.16 m = 10.72 m³

18.50 m × $\frac{3.40+3.25}{2}$ × 0.16 m = 10.58"

8.50 m × $\frac{3.40+3.25}{2}$ × 0.16 m = 10.58"

3.10 m × 4.70 m × 0.16 m = 2.33"

3.10 m × 0.50 m × 0.16 m = 0.25"

6.75 m × 3.50 m × 0.16 m = 3.78"

6.75 m × 3.50 m × 0.16 m = 3.78"

6.75 m × 3.40 m × 0.16 m = 3.67"

7.30 m × 1.53 m × 0.16 m = 1.81"

4.50 m × 2.45 m × 0.16 m = 1.76"

22.50 m × 3.75 m × 0.16 m = 13.68"

5.80 m × 2.90 m × 0.16 m = 2.69"

29.30 m × $\frac{3.10+3.70+3.75+3.50}{1}$ × 0.16 m = 16.47"

3.60 m × 3.60 m × 0.16 m = 2.07"

29.00 m × $\frac{3.00+2.10+3.30}{3}$ × 0.16 m = 12.99"

15.00 m × 3.75 m × 0.16 m = 9.00"

8.50 m × 3.75 m × 0.16 m = 5.10"

9.00 m × $\frac{0.25+0.65}{2}$ × 0.16 m = 0.65"

2.50 m × 0.25 m × 0.16 m = 0.10"

0.90 m × 5.00 m × 0.16 m = 0.72"

3.00 m × 0.15 m × 0.16 m = 0.07"

112.80 m³

25/12/20
SE

Sch. XLV-Form No. 134

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

Abstract of cost

(1/28) Earth excavation in
foundation trenches
45.46 m³ qty rate 96 @ ... (12)
@ 260=57/m³ → 11846=∞

(2/29) Providing soling lead laying
course in foundation
7.45 m³ qty rate 96 @ ... (12)
@ 5249=3/m³ → 39106=∞

(3/30) Plain/reinforced Cement
Concrete in superstructure
4.891 m³ qty rate 96 @ ... (12)
@ 61032/6/m³ → 29853/=∞

(4/31) Providing & laying RCC
... 13th b

5.00 m qty rate 96 @ ... (12)
@ 91057=27/m → 5288=∞

7.50 m qty rate 96 @ ... (12)
@ 3853=47/m → 28901=∞

(5/1) Self coat pillar Bondwall
rno qty rate 96 @ ... (12)
@ 4009=37/els → 4.009=∞

(6/2) Self coat reference pillar
3 no qty rate 96 @ ... (12)
@ 1825=87=els → 5478=∞

(7/3) Clearing grass jungle ...
0.462 Hec qty rate 96 @ ... (13)
@ 4949=70/Hec → 2286=∞

(8/4) Excavation for road work
26.83 m³ qty rate 96 @ ... (13)
@ ... continuation ... /m³ → 699=∞

@ 4,16,722=∞

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
			MAS	416722=0	

(9/8) Construction of sub grade & earthen shoulder

190.60m³ Qty ni L=96m (7) 82 (B)
209.30m³ Qty ni L=96m (7) f7e (D)
399.90m³

@ 17647/m³ → 70570=0

(10/9) Granular sub base with well graded material

173.35m³ Qty ni L=96m (10) 87 (B)

@ 2741.7/m³ → 475277=0

(11/10) Water bound macadam roof cost slab screen 2.8M-3

180.32 m³ Qty ni L=96m (7) 62 (B)
36.83m³ Qty ni L=96m (3) f2 (B)

217.15m³

@ 3959.79/m³ → 867338=0

(12/11) Construction of underslabed plain comp concrete pavement

212.84m³ Qty ni L=96m (15) f7e (B)
112.80m³ Qty ni L=96m (3) f7e (S)

325.64m³

@ 6600=69/m³ → 2149449=0

@ 39,79,356=0

Add 12% GST - @ 477523=0

@ 44,56,879=0

Add %2 Labour cess @ 44,569=0

@ 45,01,448=0

25/7/20
DE

Sch. XLV-Form No. 134 2.2

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				A.P. B.	45,01,448 = ω
Less 10%, be few as per agreement – B					4,50,145 = ω
				B.	4,05 40,51,303 =
Deduct Previous Payment 1st on S/e Bill vide TMBP				15 (-)	6,24,900 = ω
				B-	34,26,403 = ω
C S P			ful 12/01/21 A.E		
Lrksingh 12/1/21					