

MMGSY-NDB Chandanichowk PMGSY path to Badpei
tola

Measurement Book

Schedule XLV-Form No. 134

552

ग्रामीण कार्य विभाग

DIVISION

कार्य प्रमंडल बेल्संड

ग्रामीण कार्य विभाग

SUB-DIVISION

कार्य अवर प्रमंडल खुर्शी

MBNo-552

प्रमाणित किया जाता है कि इस
मापिपुस्त में कुल 100 एक सौ)
एक मशीन द्वारा नकल है।
इसे श्री प्रविण कुमार सहायक
ग्रामीण आजीविका विभाग
कार्य भवन प्रमंडल सुप्री
के नाम से निर्गत किया जाता
है।

Rahman
16.08.2023

कार्यपालक अधिकारी
ग्रामीण कार्य विभाग
कार्य प्रमंडल सुप्री
16/8/23

Sch, XLV-Form No. 134

ग्रामीण कार्य विभाग DIVISION

कार्य प्रमंडल सुप्री SUB-DIVISION

ग्रामीण कार्य विभाग

कार्य भवन प्रमंडल सुप्री

Measurement Book

No. 552

Name of Officer _____

Date of first entry _____

Date of last entry _____

1

(These four lines should be repeated at the commencement of the measurements relating to each work).

[illegible]

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2.) clearing and survey road from the main upstream - at - 60					
24 2295.0 x 1.6 = 4590.0					
= 0.4590 Ha					
3.) Excavation 17.8 m					
cutting 17.8 m x 6.3 m					
and 17.8 m x 6.3 m					
beget and PCC					

24 15 x 30.6 x 0.375 x 0.175 = 59.06					
24 09 x 30.6 x 0.375 x 0.175 = 35.44					
24 1 x 15.3 x 0.375 x 0.175 = 1.97					
<u>For BT</u>					
24 10 x 30.6 x 0.84 x 0.100 = 49.50					
24 15 x 30.6 x 0.84 x 0.100 = 74.25					
24 6 x 30.6 x 0.84 x 0.100 = 19.80					
24 16 x 30.6 x 0.84 x 0.100 = 79.20					
24 7 x 30.6 x 0.84 x 0.100 = 34.65					
					353.87 m

04/11/18
 04/11/18
 04/11/18

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4. Const of Embankment with approach material of opposite from road way - d. of 60 ft of depth and Exposition 800/1 =					
					$= 312.87 \times 607.$
					$= 212.32 \text{ m}^3$

5. Const of Gravel subbase by partly well graded material --- 1/2 --- d. of					
$2415 \times 30.4 \times 0.3 \pi \times 0.10 = 33 \pi$					
$2409 \times 30.4 \times 0.3 \pi \times 0.1 = 20.25$					
$241 \times 15.6 \times 0.3 \pi \times 0.1 = 1.125$					
					55.125 m^3
for curve and crossing (+/- 0.110)					
					55.24 m^3

Total
 61101
 111
 61212
 111
 61323

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6) <u>Provisionally laying</u> <u>and Compensate</u> <u>WPM 10</u> — — — <u>cut</u>					
24 15 x 30 = 40.375 x 0.675 = 25.31					
24 09 x 30 = 40.375 x 0.675 = 15.187					
24 14 15 = 40.375 x 0.675 = 0.843					
					41.347
for cross measurement =					0.082
(0.27)					41.429
<u>Part of area</u> <u>10/10/10</u> <u>10/10/10</u> <u>10/10/10</u>					

7) <u>Cont of Unmasonry</u> <u>expansion joint (order)</u> <u>year</u> — — — <u>cut</u>					
10.6 x (4.20 + 3.75) = 54.75					
30.6 x (3.75 + 3.50 + 4.10) = 113.50					
30.6 x (4.10 + 3.75) = 117.75					
30.6 x 3.75 = 112.50					
30.6 x (4.20 + 5.4 + 4.20) = 138.6					
30.6 x (4.20 + 3.75) = 119.25					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30.00 x (3.75 + 5.30 + 6.30 + 4.30)			4		= 147.375
30.00 x (4.30 + 3.70 + 3.90 + 3.70)			4		= 113.25
30.00 x (3.70 + 3.75)			2		= 111.75
30.00 x (3.75 + 3.25 + 3.60)			3		= 106.00
30.00 x (3.60 + 3.80 + 3.30)			3		= 107.00
30.00 x (3.30 + 4.00)			2		= 109.50
30.00 x (4.00 + 3.30)			2		= 109.50
30.00 x 3.30					= 99.00
30.00 x (3.30 + 3.75 + 5.30 + 4.30)			4		= 124.87
30.00 x (4.30 + 4.20 + 3.75)			3		= 122.50
30.00 x (3.75 + 3.50 + 3.75)			3		= 110.00
30.00 x (3.75 + 3.80)			2		= 113.25
30.00 x (2.80 + 3.60 + 3.90)			3		= 113.00
Area =					2142.745 m ²

2142.745

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
36.6	2	3.90	3.75		114.71
36.6	3	3.75	5.20	3.60	125.50
30.6		3.60			108.6
36.6	4	3.60	6.0	3.90	127.50
36.6	4	2.50	4.50	4.10	124.50
5.00	2	4.50	5.00		23.75
					2766.745

$\text{Total} = 2766.745 \times$
 0.160

$= 442.68$

$\text{Area} = 441.88 \approx 3$

Paul
 24/11/14
 24/11/14
 24/11/14

8.7) Providing with 1000 and
 typical 1000 beam
 masonry --- etc --- etc

Project 1000 beam = 2142
 Center beam = 114

3142

Earth work quantity
(L.O.S)

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CA	Area	Mean Area	Dist		Volume
50.0	2.171	-	-	-	-
50.0	1.487	1.814	50		90.70
100.0	2.431	1.944	50		93.20
150.0	3.625	2.750	50		137.475
200.0	2.405	2.737	50		126.825
250.0	2.115	2.257	50		112.925
300.0	1.317	1.725	50		86.25
350.0	1.890	1.614	50		80.625
400.0	2.570	2.240	50		112.00
450.0	1.339	1.565	50		98.25
500.0	2.166	1.733	50		87.625
550.0	2.019	2.053	50		104.625
600.0	2.186	2.102	50		105.125
650.0	2.374	2.260	50		113.00
700.0	2.013	2.174	50		108.675
750.0	2.184	2.669	50		103.425
800	3.857	2.988	50		149.375
850	2.431	3.141	50		157.90
900	2.117	2.274	50		113.70
950	2.401	2.019	50		102.950
1000	1.374	1.688	50		84.525
1050	1.344	1.354	50		67.950
1100	1.908	1.625	50		81.30
1150	3.372	2.625	50		131.25
1200	3.508	3.425	50		171.25
1250	3.672	3.590	50		179.50

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				257.40	³
14 x 30.6 x 4.050 x 0.10					= 170.10
At 6.6 x (14.75 + 3.4) x 0.1 =					5.325
5 x 30.6 x 4.050 x 0.10					= 60.75
6 x 30.6 x 4.050 x 0.10					= 72.90
10 x 30.6 x 4.050 x 0.1 =					121.50
1 x 30.6 x (1.50 + 7.0 + 3.30)					
				3	x 0.1 = 13.80
10 x 20.6 x 4.050 x 0.12					121.50
3 x 30.6 x 4.050 x 0.1 =					36.45
2 x 30.6 x 4.050 x 0.1 =					24.30

1 x 24.6 x 4.050 x 0.10 =	9.75
5 x 10.6 x 1.040 x 0.1 =	5.0
1 x 15.6 x 2.540 x 0.1 =	3.75
10 x 10.6 x 1.50 x 0.1 =	15.6
15 x 5.6 x 2.0 x 0.1 =	15.6
20 x 4.0 x 1.50 x 0.1 =	12.0
4 x 15.6 x 2.0 x 0.1 =	12.0
10 x 20.6 x 1.5 x 0.1 =	30.6
12.50 x 1.8 x 0.1 =	2.25
30.6 x 1.50 x 0.1 =	4.50
2 x 30.6 x 2.50 x 0.1 =	7.50
17.6 x 1.50 x 0.1 =	2.55
	1003.295
	³

22/12/21
07/10/21
12/12/21

Drain
07/10/21
m²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Handley heavy stone					
Aggregate of stone					
BM II					
$430 \times 3.75 \times 0.075$					118.125
$400 \times (12.50 + 3.00) \times 0.075$					3.487
$430 \times 3.75 \times 0.075$					126.56
$430 \times 3.75 \times 0.075$					135.6
$430 \times (3.50 + 7.0 + 3.30) \times 0.075$					10.95
$430 \times 3.75 \times 0.075$					126.56

$$\begin{array}{r} 1424.4000 \\ + 540.575 \\ \hline 1964.975 \end{array}$$

Continuation

ABSTRACT OF COST

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12

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

1 > Provision for laying of water brick road and re-chapilla - do to City side TMBP - ①

① Berch Chapilla = 31.40

@ 4035.83 — Rs 14807.60

②

2 > Re-chapilla = 9 No.
@ 2300.52 — Rs 20705.60

3 > Clearing and grading of road and land - do - EP
City side TMBP - ③

Item ① Qty = 0.4590 Hc

@ 72718.00 — Rs 33378.60

4 > Excavation in soil for placement in 8 wall
do — do

City side TMBP - ②

Item ② Qty = 353.87 m³

@ 103.85 — Rs 36749.60

5 > Const of brick masonry
upper material - do

City side TMBP - ③

Item ④ Qty = 212.32 m³

@ 62.33 — Rs 13231.60

Rs 118870.60

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
b) Const of Embankment with upper material at road — do — do					
Qty vide TMBP - (9)					
least up to 150mm					
Qty = 3754.75 m ³					
@ 209.50/m ³					
= 786620.0					
c) Const of Embankment with upper material at road — do — do					
Qty vide TMBP - (9)					
least 1000.00mm					
Qty = 150.23 m ³					
@ 260.32/m ³					
= 28092.0					
d) Const of granular sub base (GSB) by providing well graded — do — do					
Qty vide TMBP - (10)					
Qty = 1503.295 m ³					
@ 3594.20/m ³					
= 3606043.0					
= 4537625.0					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9/10 > road clay / carry spread and comp area at WBM II — do — — — do					
Qty in the TMBP - (11)					
Qty = 439.83 m ³					
@ 5452.44 / m ³					
— Rp 2397058.00					
10/14 > const at road level sub base by (451) by providing by 24 mm — do — — — do					
Qty in the TMBP - (3)					

Qty = 55.24 m³
 @ 3594.20 / m³
 — Rp 198544.00

11/15 > road clay and / carry
spread and comp area
at WBM II — do — do
Qty in the TMBP - (9)
 Qty = 41.422 m³
 @ 5452.44 / m³
 — Rp 225851.00

Rp 7359078.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12) const of Unrented 16) plan, cement concrete paved thickness do do					
Qty of concrete (B)					
Qty = 441.88 m ³					
@ 8234.79/m ³					
					143859729.0

13) quantity of 100 14) Road do do					
Qty of concrete (B)					
Qty = 3 m ³					
@ 11507.00					
					1134521.00

11253326.00

Add 457181 (+) 2025599.00

Add LC 17 (+) 112533.00

RA 13391458.00

Add SF 10% (+) 201159.00

on concrete RA 13592617.00

below 0.211 (-) 28547.00

cupos ASB RA 13564673.00

Qty RA 13564673.00

Part of
15/02/15
JK
Ravi
15/02/15
AC

Continuation

15/02/15

