

Rampatti to Shikpur Bujing Budhiza Bar Michon
MM454-Gen.

Schedule XLV Form No. 134.

**Executive Engineer
R.W.D.(W) Division**

Darbhanga-2

DIVISION

Singhwar

SUB-DIVISION

01 / S.B.D / 2021-2022 (MM454-Gen).

Measurement Book

1229

Amish Kumar Tiwari.

उम्मीद है कि इस मापीयुक्त में
मशीन ... न कल-100 (एक सौ) पृष्ठ है
जो श्री कुमार पदम
सहाय अश्वि के नाम से गांव काठवार, अवर प्रमंडल
12/3/51 के लिए निर्गत किया जाता है।

05/5/22
Executive Engineer
R.W.D.(W) Division
Darbhanga-2
05/5/2022

Re-issue to JE Singhwar.

Sch. XLV - Form No. 134

Executive Engineer
R.W.D.(W) Division DIVISION
Darbhanga-2

Singhwar SUB-DIVISION

Measurement Book

No. 1229

Name of Officer _____

Date of first entry _____

Date of last entry _____

1st on A/C Bill

1

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)

[illegible]

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(SAC) Construction of embankment with mt. of fine brown pipe - 2 in all jobs.					
change in area (sq. ft.)					
	0	1.556			
50	1.915		1.726	50	86.80 m ³
100	1.743		1.829	50	91.45 m ³
150	1.484		1.614	50	80.70 m ³
200	0.076		0.780	50	39.00 m ³
250	0.135		0.106	50	5.30 m ³
300	0.186		0.161	50	8.05 m ³
350	0.192		0.164	50	8.20 m ³
400	0.130		0.136	50	6.80 m ³
450	0.151		0.141	50	7.05 m ³
500	0.168		0.160	50	8.40 m ³
550	0.147		0.158	50	7.90 m ³
600	0.158		0.153	50	7.65 m ³
650	0.174		0.166	50	8.30 m ³
700	0.223		0.200	50	10.40 m ³
750	0.217		0.221	50	11.05 m ³
800	0.183		0.200	50	10.40 m ³
850	0.164		0.174	50	8.70 m ³
900	0.255		0.210	50	10.50 m ³
950	0.155		0.205	50	10.25 m ³
1000	0.119		0.137	50	6.85 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1050	0.107		0.113	50	5.65 m ²
1100	0.170		0.139	50	6.95 m ²
1150	0.108		0.139	50	6.95 m ²
1200	1.431		0.770	50	38.50 m ²
1250	1.758		1.595	50	79.75 m ²
1300	2.051		1.905	50	95.25 m ²
1350	1.759		1.905	50	95.25 m ²
1400	0.468		1.114	50	55.70 m ²
1450	1.742		1.105	50	55.25 m ²
1500	0.694		1.218	50	60.90 m ²
1550	1.878		1.286	50	64.30 m ²
1600	1.356		1.617	50	80.85 m ²
1650	1.257		1.570	50	78.60 m ²
1700	1.711		1.749	50	87.45 m ²
1750	1.339		1.525	50	76.25 m ²
1790	1.641		1.490	40	59.60 m ²
				8142	1379.75 m ²
8142 for 1000 m ²					= 41392 m ³
8142 for 100 m ²					= 965.82 m ³
20/08/2022					
SE					
Nikhil					
20/8/22					

Continuation

Record Measurement

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Excavation of road work in bmf with hydraulic excavator in bmf — — in all jobs.					
Besides of DCS of B/Sand:-					
L 5 30 0.725 0.100					21.75 m ³
L 5 30 0.725 0.100					21.75 m ³
L 1 20 0.725 0.100					2.90 m ³
t = 370 mm					
Besides of DCS of Right Pavement					46.40 m ³
L 5 30 0.575 0.100					17.25 m ³
L 5 30 0.575 0.100					17.25 m ³
L 5 30 0.575 0.100					17.25 m ³

L 5 30 0.575 0.100					17.25 m ³
L 5 30 0.575 0.100					17.25 m ³
L 5 30 0.575 0.100					17.25 m ³
L 5 30 0.575 0.100					17.25 m ³
L 5 30 0.575 0.100					17.25 m ³
L = 120.00 mtr.					81.75 138.00 m ³

Besides of existing PCC damaged from.

2 30 0.375 0.175					3.93 m ³
2 30 0.375 0.175					3.93 m ³
2 20 0.375 0.175					2.62 m ³
L = 80.00 mtr.					81.75 10.48 m ³
					Net Qty = 194.88 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑧ Comp. of Granular base by providing well graded mt. to full job.					
950 in PCC Portion:-					
2	5	30	0.725	0.200	43.50 m ³
2	5	30	0.725	0.200	43.50 m ³
2	1	20	0.725	0.200	5.80 m ³
L =	3200			Qty =	92.80 m ³
					Ⓐ
1	5	30	2.60	0.100	39.00 m ³
1	5	30	2.60	0.100	39.00 m ³
1	1	20	2.60	0.100	5.20 m ³
L =	3200			Qty =	83.20 m ³
Add for Profile Corners:-					
3	2	2.60	0.100		1.56 m ³
3	2.5	2.60	0.100		1.95 m ³
4	3.5	2.60	0.100		3.64 m ³
					Qty = 7.15 m ³
					Ⓑ
950 in PCC Portion:-					
2	5	30	0.575	0.100	17.25 m ³
2	5	30	0.575	0.100	17.25 m ³
2	5	30	0.575	0.100	17.25 m ³
2	10	30	0.575	0.100	34.50 m ³
2	5	30	0.575	0.100	17.25 m ³
2	5	30	0.575	0.100	17.25 m ³
2	5	30	0.575	0.100	17.25 m ³
L =	1200			Qty =	138.00 m ³
					Ⓒ

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Gravel in earthen channel per 100 m ²					
2	1	30	0.375	0.100	2.25 m ³
2	1	30	0.375	0.100	2.25 m ³
2	1	20	0.375	0.100	1.50 m ³
L = 80 m				Qty =	6.0 m ³
					L (E)
Gravel in earthen channel -					
	5	10	2.60	0.100	13.00 m ³
	5	8	2.60	0.100	10.40 m ³
	2	15	2.60	0.100	7.80 m ³
	2	15	2.60	0.100	7.80 m ³
				Qty =	39.00 m ³
					L (E)

Total Gravel Qty = A + B + C + D + E					
= 12.80 m ³ + 33.20 m ³ + 7.15 m ³ + 13.5 m ³ + 6.39 m ³					
= 366.15 m ³					

⑨ Spreading, laying, & spreading & compaction of WBM Gravel in 2 m² area.

	5	30	3.75	0.075	42.18 m ³
	5	30	3.75	0.075	42.18 m ³
	1	20	3.75	0.075	5.62 m ³
L = 320.00				Qty =	89.98 m ³
				L (A)	
2	1	30	0.375	0.075	1.68 m ³
2	1	30	0.375	0.075	1.68 m ³
2	1	20	0.375	0.075	1.12 m ³
L = 80 m ² area				Qty =	4.48 m ³
				L (B)	

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	5	30	3.75	0.075	42.18 m ³
	5	30	3.75	0.075	42.18 m ³
	5	30	3.75	0.075	42.18 m ³
	5	30	3.75	0.075	42.18 m ³
Nikhil	5	30	3.75	0.075	42.18 m ³
	5	30	3.75	0.075	42.18 m ³
	5	30	3.75	0.075	42.18 m ³
	5	30	3.75	0.075	42.18 m ³
	5	30	3.75	0.075	42.18 m ³
	L=20			3 1/2	337.44 m ³
					Ⓢ
Net of 980					
= 89.98 m ³ + 44.8 m ³ + 337.44 m ³					

16/11/2022
TE

Nikhil
16/11/22
AG

Record Measurement

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Construction of cement concrete lined with 100 mm grade of concrete -					
for all JSS.					
Nikil	5	30	3.75	0.160	90.00 m ³
	5	30	3.75	0.160	90.00 m ³
	5	30	3.75	0.160	90.00 m ³
	5	30	3.75	0.160	90.00 m ³
	5	30	3.75	0.160	90.00 m ³
	5	30	3.75	0.160	90.00 m ³
	5	30	3.75	0.160	90.00 m ³
	5	30	3.75	0.160	90.00 m ³
	5	30	3.75	0.160	90.00 m ³
	5	30	3.75	0.160	90.00 m ³
	2	30	3.75	0.160	90.00 m ³
	1	20	3.75	0.160	12.00 m ³

L = 1280.00 m

Qty: 768.00 m³

for sample concrete

3 4.0 3.75 0.160 7.20 m³

3 2.8 3.75 0.160 5.04 m³

Net Qty 2 773.04 m³

14/12/2022

Continuation

1st on file Bill
 Abstract 11 of 102.

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: Construction with main of work from Kumpatti to Sankhpur by road					
Budhramm Ali Chame M. Singh was before.					

Name of Agency: - Sri Anish Kumar Tiwari.
 Vill + Po - Kumpura, Singhm Darbhanga.

Agreement no: 01 S.B.D/2022-23
 MM 457-7ea.

Rate of Agreement: - 12.88% before.

Date of start: - 06.04.2022

Date of com: - 05.04.2023

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Construction of ref. pillars and marking bench mark — 2 small jobs.					
Qty 02 nos side (m/p-2)					
@ Rs. 3859.09					7918.00
② Construction of ref. pillars & benches — 2 small jobs					
Qty 06 nos side (m/p-2)					
@ Rs. 1822.24					10933.00
③ Clearing & Grubbing of Road Land — 2 small jobs					
Qty 0.525 Hect. side					
(m/p-2 @)					
Rs. 53879.84					28287.00
④ Fixing & fixing of masonry infrastructure sign board — 2 small jobs					
Qty 02 nos side					
(m/p-2 @)					
Rs. 9539.43					19079.00
					66217.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Construction of embankment with met. def. from borrow pits for 1000 mtr long & 25 mtr wide Qty 113.92 m³ wide TM & P-4 @ Rs. 190.42 —————					78819.00
(6) Construction of embankment with met. def. from borrow pits for 100 mtr long & 25 mtr wide Qty 965.82 m³ wide TM & P-4 @ Rs. 154.40 —————					149123.00
(4) Excavation for road work in softening hydraulic excavator 25 mtr long & 25 mtr wide Qty 194.88 m³ wide TM & P-6 @ Rs. 75.61 / m³ —————					14735.00
(8) Construction of Granular sub base by spreading well graded sand & gravel					308894.00

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308894.0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
840 366.15 m ³ side					
ms/p-8 @					
Rs. 2766.47					1012943.00
⑨ Finishing by dry spreading & compacting of material					
net. 2.2 m job.					
840 431.90 m ³ side					
ms/p-9 @					
Rs. 3458.50					1493726.00
⑩ Construction of Cement concrete					
finement with PCC material					
2.2 m job.					
840 773.04 m ³ side					
ms/p-10 @					
Rs. 6874.37					5314163.00
Total = 8129726.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Total	=				8129726.0
Add 5% @ 12%	=				975567.0
Add LC @ 1%	=				81297.0
Add SF @ 10%	=				102734.0
Total	=				92,89,324.0
Less 12.88% below = (-)					11,96,465.0
Net Tiff	=				80,92,859.0
16/12/2022 TE Nikhil 28/01/2023 AE					
04102/23					

