

Name of road: - At 2nd km of Kishipur-Madhuban
road to Madhubani LL = 0.387 km

Schedule XLV-Form No. 134

Agg-No - mmshy. Awash RD
BRP2-4SD-Mashani

19/SBD/23-24

Name of Contractor - Sanyeet Kumar

DIVISION

4810311310

24-10-2011

SUB-DIVISION

Measurement Book

-1364

प्रमाणित किया जाता है कि इस
मापी पुस्तिका में मशीन द्वारा प्रिन्टेड एक
(01) से सौ (100) पन्ने सम्मिलित हैं। जिसे
सहायक अभियंता कार्यालय आव. प्र. चनारना
के नाम से भिजित किया जाता है।

18/03/24
Executive Engineer
RWD Works Division
Masaurhi
18-3-24

Sch. XLV - Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No. 1364

Name of Officer _____

Date of first entry _____

Date of last entry _____

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Construction of embankment with deposited soil					
(item ② - item ③)					
2	15.65	3.13			
2	12.52	m ³			
(5) Constn of embankment upto station 500 m level					
Change	Avg	Mean	Length		Volume
(m)	(m)	(m)	(m)		(m ³)
0	0.12	-	-	-	-
25	0.12	0.12	25	-	3.00 m
50	0.20	0.16	25		4.00
75	0.40	0.30	25		7.50
100	0.10	0.25	25		6.25
125	0.20	0.15	25		4.50
150	2.30	3.75	25		93.75
175	0.40	2.70	25		67.50
200	0.50	0.45	25		11.25
225	0.60	0.55	25		13.75
250	0.15	0.375	25		9.37
275	1.70	0.925	25		23.13
300	3.50	2.60	25		65.00
325	2.50	3.00	25		75.00
350	2.40	2.45	25		61.25
375	0.40	0.40	25		35.00
397.5	0	0.20	12		2.40
					420.45 m

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(A) 100m road					
					$= 20 \times 1.0 \times 420.15 = 336.12 \text{ m}^3$
(B) 100m road					
					$20 \times 1.0 \times 420.15 = 84.02 \text{ m}^3$
(C) Sand filling in roadwork					
Contract subgrade					
Shoulder					
6 x 30.0 x 5.5 x 0.100					99.00m
1 x 11.0 x 5.5 x 0.100					6.05
(D) Concrete work in roadwork					
					105.05m
6	30.0	3.75	0.100		67.50m
1	11.0	3.75	0.100		4.13
					71.63m
(E) Sand filling in roadwork					
widening portion					
2 x 6 x 30.0 x 0.475 x 0.100					17.10m
2 x 1 x 16.0 x 0.475 x 0.100					1.52m
(F) Profile correction					
3	1.90	1.00	0.100		0.57
2	4.50	1.20	0.100		1.08
3	2.50	1.50	0.150		2.03
4	3.50	1.50	0.100		1.80
3	8.00	1.80	0.100		4.32
2	6.00	1.25	0.100		1.50
2	10.00	1.70	0.100		3.40
1	1.40	1.00	0.100		0.14
2	7.50	1.60	0.100		2.40
2	1.10	1.00	0.100		0.22
Sub total	2 x 6 x 30.0 x 0.475 x 0.100				17.10m
	2 x 1 x 16.0 x 0.475 x 0.100				1.52m
					36.08m

10/03/24
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Continuation

10/03/24
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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF WORK					
① Setting out work all comp.					
Qty vol. TMB p/1 item ①					
0.39 Hect @ 17746.00/m ² 6921.00					
② Excavation in soil					
Qty vol. TMB p/1 item ②					
15.65 m ³ @ 104.01/m ³ 1628.00					
③ Removal of unsuitable soil					
Qty vol. TMB p/1 item ③					
3.13 m ³ @ 104.01/m ³ 326.00					
④ Comp. of embankment with deposited soil					
Qty vol. TMB p/2 item ④					
12.52 m ³ @ 83.75/m ³ 1049.00					
⑤ Comp. of embankment upto 1000 m ² area					
Qty vol. TMB p/3 item ⑤					
336.13 m ³					
Limited to 334.78 m ³					
@ 217.22/m ³ 72721.00					
⑥ Comp. of emb. 1000 m ² area					
Qty vol. TMB p/3 item ⑥					
684.02 Limited to 88.70					
@ 267.88/m ³					
Continuation					
Σ 82645.00					
Σ 22422.00					
Σ 105067.00					

Particulars	Details of actual measurement				Contents of area $\frac{B}{F}$
	No.	L.	B.	D.	
					$\Sigma 82645.40$
(6) Filling Local surf					105067.2
Qty vol TMB P/3 item (6)					
					$= 10505.2$
" " " P/3 item (8)					$= 18.62$
					103.67
					$\Sigma 578.67/m^3$
					71564.2
(7) Contd of LOCAL					
Qty vol TMB P/3 item (7)					$= 71.63/m^3$
" " " P/4 item (8)					$= 36.08$
$71.63 + 36.08 = 107.71/m^3$					$107.71/m^3$
$\Sigma 107.71 \times 3 = 323.13$					300398.2
(8) P/W layers aprachy					
& compacted was 4003					
after 405.					
Qty vol TMB P/4 item (8)					
$110.11/m^3$					$\Sigma 4069.57/m^3$
					448150.2
					$\Sigma 902707.2$
					925123.2
					9251.2
					9027.2
Labour cost 1.1					166523.2
Gr. S.T. 18.1					162487.2
					1074221.2
Seigniorage Fee					1100963.2
item (59)					$334.78 \times 3525 \times 0.10 = 1180.2$
item (5)					$83.70 \times 3525 \times 0.10 = 295.2$
item (7)					$107.71 \times 757.56 \times 0.10 = 8160.2$
item (8)					$110.11 \times 1434.24 \times 0.10 = 15792.2$
					$\Sigma 1126330.2$

Continuation

[illegible]