

Block - प्रारम्भ

Schedule XLV-Form No. 134
Safimangarh English
Const of road from Maina Nagar Road to Kumbhar
Santhali tola.

DIVISION

SUB-DIVISION

Vishal Anand

MEASUREMENT BOOK

1069

24/10/24

प्रमाणित किया जाता है कि इस मापीयुक्त में
मशीन द्वारा कुल 100 फुट अंकित है जिसे
वंदना कुमारी सहित ग्रामपंच के
नाम से निर्गत किया जाता है -

Executive Engineer
Rural Works Department
Works Division Manihar
24/10/24

Sch. XLV—Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No.

1069
24/10/24

Name of Officer _____

Date of first entry _____

Date of last entry _____

Name for 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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name: Repair of road from					
507 MM Goy Diganch Manihari					
to Kurnhar Santhali					
WH. - MR 3054					
Block - prant					
Agree No. - 28 SBD/24-25					
PKR No. - MR-N/23-24/Manihari/07					
Agency - Vishal Anand					
Korathbari, Madhubani					
Dist. - Muzaffarpur					
Asst. Est. Rs 25,69,387.20					
Date of work start - 24.10.24					
Schedule date of Completion - 30.8.25					
Authority - E.B. RWD, Manihari					
Special Measure					
① Clearing & grubbing of					
① Land, including uprooting					
wild vegetation					
2x (67x100x1.00) = 1200.00mc					
2x (1x50.00x1.00) = 100.00mc					
					1300.00mc
					~ 0.130 Hect

[Signature]
 Continuation 24

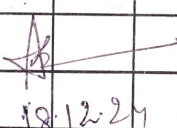
Continuation

19.11.24

Cap

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				$0.375 =$	$48.61 m^2$
$2 m \times 6 m \times 0.902$					10.80
$4 m \times 2.50 m \times 1.20 =$					13.00
$1 m \times 7.30 m \times 0.902$					6.57
$4 m \times 1.50 m \times 0.65 =$					3.90
$1 \times 9.40 m \times 1.00 =$					9.40
$2 m \times 3.50 m \times 1.00 =$					7.00
$6 m \times 0.90 m \times 0.75 =$					4.05
$4 m \times 1.25 m \times 0.95 =$					$4.75 m^2$
					$108.08 m^2$
Avg $\frac{0.170 + 0.130 + 0.150}{3} \times$					0.152
$2 \times 0.150 m$					1
					$= 16.21 m^2$
Area					
$27.11.24$					
<u>Record Entry</u>					
① p/n, laying, spreading					
② & Compaction stone etc					
of sp. size mm G.S.					
Area Comp	Same as				
	und ①/③ =				$108.08 m^2$
Net. ffb					
$1 \times 4.00 m \times 1.30 =$					$5.20 m^2$
$4 m \times 2.50 m \times 1.20 =$					$6.00 m^2$
Continuation					$119.28 m^2$
					(14.5)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Bff =	119.28 m ²
1 x 8.40 x 0.75				2	6.30
4 x 3.50 x 2.00					28.00 m ²
1 x 6.00 x 2.40				2	14.40 m ²
2 x 3.40 x 2.40				2	14.40
1 x 5.00 x 1.10					5.50 m ²
					187.88 m ²
1 x 2.00 x 0.75					X 0.075
				2	14.09 m ²
					
<u>Reand Entry</u>					
①/⑤ plr, laym, spaced & Compaction Str are of way Grid the 56.5 m Area Comp Survey for ①/① —					
187.88 m ²					
Mont of job					
1 x 6.75 x 1.80				2	12.15 m ²
4 x 3.00 x 1.50				2	18.00
2 x 6.50 x 0.85				2	11.05 m ²
					229.08 m ²

Continuation

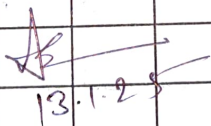


Continuation

Reed Entb

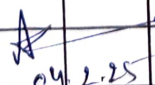
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Comb of dry lean					
② Cement Concrete					
Sub base on prepared					
Subgrade					
Ch 565-650					
Mud at base					
4 m x 0.8 m x 1.20	2				3.84 m ²
1 x 3.50 x 0.70	2				2.45 m ²
6 m x 1.20 x 0.90	2				6.48
2 m x 2.50 x 1.00	2				5.00
8 m x 0.85 x 0.70	2				4.76
3 m x 2.00 x 0.65	2				3.90 m ²
					26.43 m ²

X 0.075 m

= 1.98 m²


13.125

Reed Entb

①	Area of the frame				
②	Coat with Bitumen emulsion (SS-1)				
	Area same as side				
③/⑤	pn 05				462.00 m ²
	 04.225				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② Plva app. Jack					
Coat with bitumen					
Emulsion R.S.L.					
Ch.					
0-6m	1	06.00	6.00		36.00 m ²
6-10	1	04.00	3.75		352.50
10-30	2	10.00	3.75		750.00
30-33.2	1	32.00	3.75		120.00
33.2-34.5	1	13.00	4.20		54.60 m ²
34.5-40	1	55.00	3.75		206.25
40-50	1	10.00	3.75		37.50
50-51.0	1	10.00	3.75		37.50 m ²
					1931.85 m ²
					Less 1931.62 m ²
③/⑧ Plva Lay 1/2 Semi					
dense bitumina					
Concrete 25 mm th.					
Same as ind 1/2 (5/6)					
1931.85 m ²					0.025 m = 48.29 m ²
④/⑨ Cont of Subgrade					
Shale					
2 x (1 x 10 x 0.60 x 0.15)					18.00
2 x (1 x 40 x 0.55 x 0.15)					6.60
					24.60 m ³
Continuation					
					15-2-28

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Construction of					
(10) Panel Concrete,					
← thickness as per design,					
mm 30 - do					
Ch 510-553 - 1 x 43.00 x 3.75 =					161.25 m ²
553-563 - 1 x 10.00 x 4.20 (avg) =					42.00 m ²
563-578 - 1 x 15.00 x 3.75 m =					56.25
578-588 - 1 x 10.00 x 3.75 m =					37.50
588-610 - 1 x 22.00 x 3.75 m =					82.50
610-616 - 1 x 06.00 x 4.00 (avg) =					24.00
616-650 - 1 x 34.00 x 3.75 m =					127.50 m ²
					531.00 m ²
				X 0.125 m	

2/11	R.C.M.s grade	
	K.M. Stone	
	01 nos —————	01 nos
3/12	2.com Stone	
	04 nos —————	04 nos

Q.1/15) PR is Layer not applied through out

$2 \times (5 \times 10 \times 0.1 \text{ cm})$	$= 100 \text{ cm}^3$
$2 \times (1 \times 10 \times 0.1 \text{ cm})$	$= 20 \text{ cm}^3$
	<u>120 cm</u>

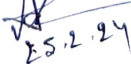
Continuation

21.2.28

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5/20 pedestrian crosses					
					$2 \times 6.00 \times 0.50 = 6.00 \text{ m}^2$
6/21 p/v road works on C.C. paths					
					$2 \times (1 \times 100.00 \times 0.10) = 20.00 \text{ m}^2$
					$2 \times (1 \times 40.00 \times 0.10) = 8.00 \text{ m}^2$
					28.00 m^2
7/12 p/v & erecting drainage pipe identified					
					$2 \times 1.20 \times 0.80 = 1.92 \text{ m}^2$
8/18 plants of trees					
					26 nos. ——— 26 nos.
9/25 B/Masonry work in C.M. (1:3) in parapet					
					$0.25 \times (2 \times 7.30 \times 0.40 \times 0.60) = 0.87 \text{ m}^2$
10/24 plastering w/c on cm (1:1:4)					
					$2 \times 7.30 \text{ m} \times 1.60 \text{ m} = 23.36 \text{ m}^2$
					$4 \text{ nos} \times 0.40 \times 0.60 = 0.96 \text{ m}^2$
					24.32 m^2
11/23 painting on parapet wall with brown enamel paint (10%)					
					24.32 m^2 ——— 24.32 m^2

Continuation



25.2.24

Continuation

Abstract of Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Clearing & grubbing					
① Road Land					
Qty vide p.n. ①					
0.13 Hect @ 76926.08/Hect = 10,000 sq					
②/② Compaction of dikes					
& earthen shoulder					
Qty vide Tms					
p.n. ② 297.50 m ³					
p.n. ③ 24.60 m ³					
322.10 m ³					
@ 264.72/m ³ = 85266 sq					
③/③ Compaction of G.O.B					
with G.O.B					

Qty. vide Tms p.n. ③					
16.21 m ³ @ 2525.23/m ³ = 40934 sq					
④/④ pfr. laying of dikes					
& embankment stone					
gravel with G.O.B					
G.O.B					
Qty vide p.n. ④					
14.09 m ³ @ 5440.56/m ³ = 76657 sq					
⑤/⑤ pfr. laying of dikes					
& Compaction stone m					
with loose G.O.B					
Qty. vide p.n. ⑤					
34.87 m ³ @ 5210.97/m ³ = 181707 sq					
394564 sq					

Continuation

4/3

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. = 17	1123320
(11) (11) Rice Mts grade					
K.M. Stone					
Qty vide pr. (08)					
01 no. @ 3018.06				each =	301820
(12) (12) 200 M Stone					
04 nos @ 829.33				each =	331620
(13) (13) P.V.C. erecting during					
A place identification					
Qty vide pr. (09)					
1192 m ² @ 15071.34				each =	2893720
(14) (14) P.V.C. framing of					
retro-reflectors					
Quantity, mandatory					
A minimum 6mm					
600 mm equilateral					
Qty vide pr. (10)					
08 nos @ 4493.62				each =	3594920
(15) (15) 600 mm Circles					
04 nos @ 4335.93				each =	1734420
(16) (16) 600 mm square					
04 nos @ 4191.40				each =	1676620
(17) (17) 900 mm Side octagon					
02 nos @ 8660.76				each =	1732220
					18338820

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				18	3388520
(18/18) Planting of trees by road side					
Qty. vol p. no. (08)					
26 none	1305.10	each			3393320
(19/19) pfr & leaves of hot affixed from					
Cully					
At canal B.T. portion					
102.00 m ²	886.50	m ²			9042320
(20/20) pedestrian crossing					
06.00 m ²	886.50	m ²			531920
(21/21) At End of C.C. portion					
28.00 m ²	1005.95	m ²			2816720
(22/22) pfr & leaves of typical M.M.Guy infra					
board					
Qty. vol p. no. (02)					
04 none	11690.00	m ²	each		4676020
(23/23) painting on parapet wall					
Qty. vol p. no. (03)					
0.87 m ²	24.32	m ²	139.14		338420
(24/24) plastering with cm (1.4)					
24.32 m ²	229.30	m ²			557720

Continuation

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Continuation