MR-3054 (New)

M.B.No- 673
24-25

Schedule XLV-Form No. 134

Road No-14-kama sthan se yadu vans Nagar

_____ DIVISION

_____ SUB-DIVISION

Amit kumar

Measurement Book

673

प्रमाणित किया जाता है कि इस
मापी पुस्त में मशीन द्वारा अंकित
कुल -100 (एक सौ) पन्ने हैं जिसे
सहायक अभियंता, ग्रामीण कार्य
विभाग, कार्य प्र० अवर प्रमंडल,
परबत्ता को निर्गत किया जाता है।

Sd/- 08/08/24
Executive Engineer
R.W.D. Works Divn.
Gogri
Sd/- 8/8/24

Sch. XLV - Form No. 134

प्रमंडल गोगरी DIVISION

अवर प्रमंडल, परबत्ता SUB-DIVISION

Measurement Book

673 No.

Name of officer ______________________

____

Date of first entry ______________________

Date of last entry ______________________

1st and final Bill.

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)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work :- Road no					
14 Kumar Sthan se Yaduvansi					
Nagar					
Aggency :- Amit Kumar, Add.					
At+PO - Chak Prayag P.S-					
Parbatta District - Khagaria					
Bihar					
Agg no :- 02/MBD/2024-25					
Date of commencement					
02-08-2024					
Date of completion :-					
01-05-2025					
Rate approved - 0.10% below					
Date of Entry -					
Record measurement					
(1) Clearing and grubbing					
road land including uprooting					
wild vegetation grass, bushes					
Shrubs sapling and trees					
of girth - - cm Coast. 300					

Continuatic:.

Sch. XIV-Form No. 124

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
2 × 10 × [illegible]					[illegible]
2 × 10 × [illegible]					[illegible]
2 × 10 × [illegible]					[illegible]
2 × 6 × [illegible]					300m²
2 × 1 × [illegible]					[illegible]
	[illegible]			= [illegible]	
(2) [illegible]					
[illegible]					
[illegible]					
5 × [illegible] × 2 [illegible] × [illegible]					
					= 7.50 m³
5 × [illegible] × [illegible] = 2.62 m³					
2 × [illegible] × 1.25 × [illegible] = 0.37 m³					
					3.37 m³
(3) [illegible]					
[illegible]					
[illegible]					
3 × [illegible] × 2 [illegible] × [illegible] = [illegible] m³					
[illegible] = [illegible] m³					
2 × [illegible] × 1.25 × 0.[illegible] = 0.137 m³					
[illegible] = [illegible] m³					
2 × [illegible] × 1.20 × [illegible]					
					= [illegible] m³

Continuation [illegible] m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F 11.474m³	
10×1.55m×1.12m×0.075m					
				=1.302m³	
				12.776 m³	
(4) Construction of Dry lean concrete Sub base over a prepared sub grade with coarse and fine aggregate ... cons. - Job					
20×1.10m×0.90m×0.075m					
				=1.485m³	
10×2.20m×1.50m×0.075m					
				=2.475m³	
12×2.10m×1.80m×0.075m					
				=3.402m³	
15×1.80m×1.50m×0.075m					
				=3.0375m³	
7×2m×1.50m×0.075m					
				=1.575m³	
16×2.50m×1.90m×0.075m					
				=5.700m³	
20×2m×1.50m×0.075m					
				=4.500m³	
				22.174m³	
					C/O

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			94+ 82.174 m³		
13 × 2.100m × 1.700m × 0.075m					
					= 3.481 m³
9 × 2.20m × 0.90m × 0.075m					
					= 1.336 m³
15 × 1.80m × 1.75m × 0.075m					
					= 3.544 m³
16 × 1.75m × 1.70m × 0.075m					
					= 3.57 m³
6 × 2.50m × 1.80m × 0.075m					
					= 2.025 m³
15 × 1.75m × 1.65m × 0.075m					
					= 3.248 m³
10 × 1.65m × 1.55m × 0.075m					
					= 1.918 m³
8 × 2m × 1m × 0.075m = 1.20 m³					
14 × 1.60m × 1.45m × 0.075m					
					= 2.436 m³
		ce —	44.93 m³		
(5) Constr. of un reinforced Plain cement concrete Pavement thickness as per design — as comp job.					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1×5m×	$\frac{6.80+3.75}{2}$ m		×	0.125m	= 3.297m³
1×10m×	$\frac{3.75+3.20}{2}$ m		×	0.125m	= 4.344m³
1×15m×	$\frac{3.20+3.10}{2}$ m		×	0.125m	= 5.906m³
1×15m×	$\frac{3.10+3.20}{2}$ m		×	0.125m	= 5.906m³
1×15m×	$\frac{3.20+3.10}{2}$ m		×	0.125m	= 5.906m³
1×15m×	3.10m		×	0.125m	= 5.812m³
1×15m×	3.10m		×	0.125m	= 5.812m³
1×15m×	3.10m		×	0.125m	= 5.812m³
1×15m×	$\frac{3.10+3.20}{2}$ m		×	0.125m	= 5.906m³
1×15m×	3.20m		×	0.125m	= 6m³
1×15m×	$\frac{3.20+3.10}{2}$ m		×	0.125m	= 5.906m³
3×30m×	3.10m		×	0.125m	= 34.875m³
1×10m×	$\frac{3.10+3.20}{2}$ m		×	0.125m	= 3.938m³
				Continuation	99.42m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1×30m×3.20m×0.125m					= 12 m³
1×10m×$\frac{3.20+6.30}{2}$ m×0.125m					= 5.938 m³
1×15m×$\frac{6.30+5.10+3.20}{3}$ m×0.125m					= 9.125 m³
1×10m×3.20m×0.125m					= 4 m³
1×15m×$\frac{3.20+3.10+6}{3}$ m×0.125m					= 7.688 m³
1×10m×$\frac{6.15+4.30}{2}$ m×0.125m					= 6.375 m³
1×10m×$\frac{4.30+3.20}{2}$ m×0.125m					= 4.688 m³
1×20m×3.20m×0.125m					= 8 m³
1×15m×$\frac{3.20+3.10}{2}$ m×0.125m					= 5.906 m³
1×15m×$\frac{3.10+3.20}{2}$ m×0.125m					= 5.906 m³
2×25m×3.20m×0.125m					= 20 m³
1×15m×$\frac{3.20+3.75}{2}$ m×0.125m					= 6.516 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1×15m×	3	15+13.20		13.05	
			3	×0.125m	
			=	6.219m³	
1×10m×	3.00+	3.75		m×0.125	
			2	=1.219m³	
1×25m×	3.75+	5+4		m×0.125	
		2		=13.281m³	
1×15m×	4+	3.75+	3.10	m×0.125	
			3	=6.781m³	
1×20m×	3.10m×			0.125m	
				=7.75m³	
1×10m×	3.10+	3.20		m×0.125	
			2	=3.938m³	
1×10m×	3.20+	3.10		m×0.125	
			2	=3.938m³	
1×10m×	3.10+	3.20		m×0.125	
		2		=3.938m³	
2×30m×	3.20m×			0.125	m
				=24m³	
1×14m×	3.20+	3.10+	3.20	m	
			3	×0.125m=	5.542m³ 3.958m³
1×30m×	3.20m×			0.125m	
				=12m³	
2×30m×	3.20m×			0.125m=	24m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
1×10 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] m³
1×10 m ×	3.20 +	3.10 / 2	m ×	0.125	= [illegible] m³
1×20 m ×	3.60 +	3.? / 2	m ×	0.125 m	= 9.[illegible]
× 15 m ×	3.15 +	5 + 1 / 3	m ×	0.125 m	= 9.844 m³
1×150 m ×	4 + 3	1.5 + / 2	3.20	m × 0.125	= 6.5344 m³
3 × 30 m ×	3.20 m ×	0.125 m			= 36 m³
1×15 m ×	3.20 +	3.25 / 2	3.40 m	× 0.125 m	= 6.156 m³
Link					
1×15 m ×	6 + 4 +	3.20 / 2	m × 0.125 m		= 8.25 m³
1×15 m ×	3.20 ×	0.12	m =		6 m³
1×15 m ×	3.20 + 3.10 / 2		m × 0.125 m		= 5.906 m³
1×15 m ×	3.10 + 3.20 / 2		m × 0.125 m		= 5.906 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 × 10 m ×		$\frac{3.20+3.30}{2}$		m × 0.12 m	
					= 3.938 m³
1 × 10 m ×		3.30 m	×	0.12 m	
					= 4.125 m³
1 × 10 m ×		$\frac{3.30+3.20}{2}$		m × 0.12 m	
					= 4.062 m³
1 × 10 m ×		3.20 m	×	0.12 m	
					= 4 m³
1 × 25 m ×		3.20 m	×	0.12 m	
=					= 10 m³
1 × 10 m ×		$\frac{3.20+3.30}{2}$		m × 0.12 m	
					= 4.062 m³
Less					
1 × 15 m ×		$\frac{5.50+4.20+3.50}{3}$		m × 0.12 m	
					= 8.25 m³
1 × 15 m ×		$\frac{3.50+3.30+3.20}{3}$		m × 0.12 m	
					= 6.25 m³
1 × 30 m ×		3.20 m	×	0.12 5 m	
					= 12 m³
1 × 10 m ×		$\frac{3.20+3.10}{2}$		m × 0.12 5 m	
					= 3.938 m³
1 × 30 m ×		3.10 m	×	0.12 5 m	
					= 11.625 m³
1 × 10 m ×		$\frac{3.10+3.20}{2}$		m × 0.12 5 m	
					= 3.938 m³

Continuation

Sch. XLV Form No. 134

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

1 x 30m x 3.[illegible] x 0.1[illegible]m = [illegible]

1 x 7m x 3.[illegible] x 0.1[illegible] = [illegible]

= 1.6[illegible]m

1 x 20m x 3.20+3.[illegible] x 0.1[illegible] = [illegible]

1 x 15m x 3.30m x 0.1[illegible]m = 6.188m

x 15m x (3.20+5)/2 m x 0.12m = 7.38m

525.391m

Sd/- 9/01/25 JE

Sd/- 09/01/25 AE

(6) Km Stone.

Reinforced cement concrete

M15 grade km stone

(i) km stone - 3 no

(ii) 200 m stone - 4 no

(7) Retro-Reflectorised

traffic sign providing

and erecting direction

and place identification

— - cell [illegible] . [illegible]

a. 2 x 1.20m x 0.80m

= 1.92m²

(8) P/L and fixing of

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
[illegible]					
(9) Boundary Pillar					
Reinforced cement concrete M15 grade boundary pillar 10cm [illegible]					
(10) [illegible]					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
g/as – – cu Cont. – 301					
2x10x30m x 0.10m =					60m²
2x10x30m x 0.10m =					60m²
2x10x30m x 0.10m =					60m²
2x4x30m x 0.10m =					24m²
2x3x30m x 0.10m =					18m²
					222m²
(11) P/v and fixing of typical [illegible] sign board with Logo as per MORD – – cu comp. – 301					
Qty – 4 no.					
(12) P/v and laying stone/ Boulder pitching on slope laid over prepared filter media – – cu comp. – 301					
1x30m x 4m x 0.30m =					36m³
(13) P/v and laying filter media (material) underneath pitching in slope complete – – – cu comp. 301					
1x30m x 4m x 0.075m					
					= 9m³

Continuation

Sch. XLV-Form No. 134

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

(14) Providing and laying boulder apron for bed protection – as complete per

30 × 1.50m × 0.60m

= 27 m³

(15) Plastering with cement mortar on brick work.

Side face

4 × 6m × 0.60m = 14.40m²

Top

2 × 6m × 0.40m = 4.80m²

Front –

4 × 0.40m × 0.60m = 0.96m²

= 20.16m²

Abstract of cost

(1) Clearing and grubbing road land (By manual) including uprooting rank vegetation – all complete.

As per item in the SSR 2.no

(22) Item no (1) = 0.22 Hect

@ 76926.08/Hect — 16924

(2) Dismantling of existing structure line culvert bridges etc – all complete

As per item in the SSR no (2)

Item no (2) = 13.50m³ @ 735.23/m³ — 23426

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(1) Construction of [illegible] Subgrade and Crusher Shoulder [illegible] approach road [illegible] Complete [illegible]					
2 × 5 × 30m × 0.60m × 0.15m					= 27 m³
1 × 3 × 30m × 0.60m × 0.45m					= 24.30 m³
2 × 5 × 30m × 0.60m × 0.25m					= 45.00 m³
1 × 1 × 30.0m × 0.60m × 0.60m					10.80 m³
2 × 5 × 30m × 0.30m × 0.30m					= 20.25 m³
2 × 4 × 30m × 0.60m × 0.30m					= 43.20 m³
2 × 10 × 10m × 0.60m × 0.15m					= 18 m³
2 × 5 × 10m × 0.30m × 0.15m					= 4.50 m³
c/f →					199.80 m³
(2) Painting two coats on Parapet [illegible]					
Same as P. No (13)					= 20.16 m²

Continuation

DK 9/02/25 JE

[illegible] 3?/02/25 AE

Abstract of cost

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
(1) Clearing and grubbing road land (by manual means) including removing wild vegetation — as per spec. 201					
Cost vide in this M.B. P. no (2) item no (1)					
= 0.22 Hect					
@ 76926.88/Hect →					16924=
(2) Dismantling of ... [illegible] culvert, bridge etc. as per spec. 202					
Of vide in this M.B. P. no (2) item no (2) =					
13.50 m3					
@ 1735.27/m3 →					23426=
(3) Const. of sub grade and earthen shoulder — as per spec. 305					
Of vide in this M.B. P. no (4) item no (1)					
199.80 m3 @ 264.72/m3 →					52891=
(4) Const. of granular sub base W.B.M.-3					

Continuation 93241=

Sch. XLV-Form No. 134

93 932412

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Compacting [illegible] sub base by [illegible] well graded material and [illegible]					
Qty vide in this M.B					
P.no (3) item no (3)					
12.776 m³					
@ 5499.12/m³ —					70257 =
(5) Const. of dry lean concrete sub base over a prepared sub grade — [illegible]					
Qty vide in this M.B					
P.no (4) item no (4)					
= 44.93 m³					
@ 5049.28/m³ —					226864 =
(6) Const. of un reinforced plain cement concrete pavement thickness as per design — [illegible]					
Qty vide in this M.B					
P.no (10) item no (6)					
= 525.391 m³					
@ 8553.13/m³ —					4493722 =

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) R.C.C (?) 1... pipes 1000 size and 200 mm size					
Ord vide in this M.B					
P. no (10) item no (6)					
i) = 1000 size - 3 no					
@ 28754.21/each →					8626 2
ii) 200 mm size - 4 no					
@ 804.02 /each →					3216 2
(8) Drum and plate identification sign					
with size more than 0.9m					
— — eel comb. SOB					
Od vide in this M.B					
P. no (11) item no (8)					
~~(1) 600 mm Δ^d = 6 no~~					
.92m² @ 15041.54/m² →					28880=
(9) P/V and fixing of retro reflectorising cautionary, mandatory and informatory sign as per IRC 67 -- eel comb. SOB					
Od vide in this M.B					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Ite no (8) (ii)					
600 mm Δ - 6 no					
@ 4598.83/each - 27593 =					
(ii) 600 mm O circular					
a - 4 no					
@ 6034.32/each - 24137 =					
(iii) 600 mm x 450 mm					
- 2 no					
@ 5887.38/each - 11775 =					
(iv) Thermoplastic Paint					
- 3 m					
@ 829.4/each - 2488 =					
(v) Road Studs - 10					
@ 294.67/each - 2947 =					
(10) Boundary pillar					
R.C.C M- 20 grade boundary pillar/located					
here - at same as					
as vide in this M.B					
P. no (11) Ite no (9) =					
20 no					
@ 787.92/each - 15758 =					
(11) P/v and laying					
of hot applied thermo					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
- Plastic compound 3.5 mm					
thick moulding inside					
chamfering [illegible]					
[illegible] - cell contract - 2023					
Ref vide in this M.B					
P.no (12) item no (10)					
= 222 m²					
@ 948.66/m²					210603 =
(12) P/F and fixing of					
typical masonry [illegible]					
[illegible] boards					
- cell contract 2023					
Ref vide in this M.B					
P.no (12) item no (11)					
= 4 no					
@ 11556.22/each					46225 =
(13) P/L and laying stone					
/ boulder pitching					
on slopes laid over					
prepared filter media					
- cell contract 2023					
Ref vide in this M.B					
P.no (12) item no (12)					
= 3.6 m3					
@ 44[illegible]2.[illegible]0/m³					160599 =

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) P/L and laying filter material continuous padding in slope — — as deptt 23 as vide in this M.B P.NO (12) Item NO (12) = 9 m³ @ 4317.32/m³					38856 =
(15) P/L and laying bo ulder apron for bed protection with stone boulder — — as as 30b as vide in this M.B P.NO (12) Item no (15) = 27 m³ @ 4472.20/m³					120749 =
(16) Plastering with cement mortar on brick work in Parapet — — as Cpwp 91 as vide in this M.B P.NO (13) Item no (15) = 20.16 m² @ 211.85/m²					4271 =
(17) Painting two coat including primer coat					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
[illegible] filling the surface					
[illegible]					
[illegible]					
P. no (14) [illegible] no (2)					
= 20.16 m²					
@ 139.16/m²				— 2805 =	
total				5594012 =	
Add 18% GST only (+)				1062862 =	
1% L. cess					
				6656874 =	
Add S. Fee (+)				~~88392~~	
				~~6798266~~	
				6728594 =	
below 0.10% (−)				6729 =	
as [illegible]				~~6748511~~	
				6721865 =	
[signature] 9/02/25 J E		[signature] 09/02/25 AE			
Work has been completed as per specification					
[signature] 9/02/25 J E					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
E/co +		199.80 m³			
W.M.M		12.7 = 6 m²			
D.L.C		41.93 m²			
P.C.C		525.321 m²			
E/co		704			
~~199.80 m³~~					
~~199~~ 35.25 m³/h 10%					704 =
Coarse Sand		236.426 m³			
@ 57.80/m³					13661 =
20 mm aggregate					
		283.711			
@ 1207.76/m³					34265 =
10 mm aggregate					
189.141 m³ @ 595.16/m³					11257 =
Stone ~~dust~~		40.437 m³			
@ 901.46/m³					3645 =
Sand		20.218 m³			
@ 57.80/m³					1168
Stone aggregate		15.459 m³			
@ 1100.04/m³					1701 =
Stone Screenings					
3.066 m³					132 =
@ 42.54/m³					
Stone boulder		60 36×120			
43.20 m³ @ 686.03/m³		Continuation			29636 ×10%
					= 29.64 =

Beh. XLV Form No. 134

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

Continuation