

Schedule XLV-Form No. 134

H/W:- To2 To Pannhad.

DIVISION

Jale

Jale

SUB-DIVISION

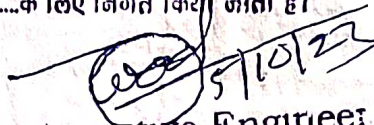
Ass.No- 16/MBD/2023-2024 MR3059

MEASUREMENT BOOK

-1301

M/S - S.K. Construction

प्रमाणित किया जाता है कि इस मापीयुक्त में
मशीन से टंकित कुल-100 (एक सौ) पृष्ठ हैं
जो श्री गिरिधर साहू
सहा० अभि० के नाम से या० का०वि०, डावर प्रमंडल,
पोरा के लिए निर्गत किया जाता है।


Executive Engineer
R. W. D. (W) Division
Darbhanga-2
05/10/23

Sch. XLV-Form No. 134

DIVISION

SUB-DIVISION

Measurement Book

No. 1301

Name of officer _____

Date of first entry _____

Date of last entry _____

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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W:-	Const. of Road from T02 to				
	Dawn had (MR-3054 New)				
Agency:-	M/s S.K. Construction & Comp.				
Agreement no-	16 / MBD / 2023-2024 (MR-3054)				
Dt. of start-	05-10-2023				
Dt. of completion-	04-07-2024				
	measurement.				
1.	clearing & Graveling				

	road land all comp.				
2	10	30.0	1.0	=	600m ²
2	20	30.0	1.0	=	1200m ²
2	23	30.0	1.0	=	1380m ²
					3180m ²
				=>	0.318 Hg.
2.	Scarifying the existing				
	bituminous road surface				
	with all comp.				
	width 4m DP no-4-6				
	9700m (4) 102.04m ³				
	102.04 x 0.075 = 1360.55m ²				

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
2.	Const. of granular sub-				
	base with all conf.				
	per requirement.				
1st km -	1	10.0	2.10	0.10	2.10 M ³
	1	12.0	2.60	0.10	3.12
	1	5.0	1.90	0.10	0.95
	1	8.0	2.40	0.10	1.92
	1	6.0	1.30	0.10	0.78
	1	12.0	2.50	0.10	3.00
	1	10.0	1.40	0.10	1.40
	1	6.0	1.30	0.10	0.78
	1	8.0	2.00	0.10	1.60
	1	10	2.50	0.10	2.50

	1	12.0	1.50	0.10	1.80
	1	9.0	2.50	0.10	2.25
	1	10.0	2.00	0.10	2.00
	1	8.0	2.50	0.10	2.00
Nikla	1	7.0	1.80	0.10	1.26
	1	6.0	1.60	0.10	0.96
	1	8.0	3.75	0.10	3.00
	1	7.0	1.20	0.10	0.84
	1	8.0	2.00	0.10	1.60
	1	10.0	2.50	0.10	2.50
	1	8.0	3.10	0.10	2.48
	1	12.0	2.50	0.10	3.00
	1	9.0	2.50	0.10	2.25
2nd km	1	10.0	2.10	0.10	2.10

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	1	8.00	1.60	0.10	1.28
	1	12.00	2.00	0.10	2.40
	1	10.00	2.40	0.10	2.40
	1	8.00	1.9	0.10	1.52
	1	6.00	1.80	0.10	1.08
	1	10.00	2.10	0.10	2.10
	1	8.00	3.10	0.10	2.48
	1	10.00	2.60	0.10	2.60
	1	12.00	3.10	0.10	3.72
	1	8.00	2.50	0.10	2.00
	1	10.00	2.00	0.10	2.00
	1	6.00	1.30	0.10	0.78
	1	10.00	1.10	0.10	1.10
	1	8.00	1.80	0.10	1.44
	1	5.00	1.60	0.10	0.80
	1	7.00	1.30	0.10	0.910
	1	4.00	1.20	0.10	0.48
	1	8.00	2.00	0.10	1.60
	1	5.00	1.30	0.10	0.650
	1	7.00	1.10	0.10	0.770
	1	3.00	1.25	0.10	0.375
	1	4.00	1.10	0.10	0.44
					91.115 M ²
					Gravel Qty - 90.30 M ³

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
4.	Pro. laying spreading and comp. of WBM 85.3 with all comp. DoT measurement.				
1st km.	1	10.0	2.10	0.075	1.575 m ³
	1	12.0	2.60	0.075	2.34
	1	5.0	1.90	0.075	0.713
	1	8.0	2.40	0.075	1.44
	1	6.0	1.30	0.075	0.585
	1	12.0	2.50	0.075	2.25
	1	10.0	1.40	0.075	1.05
	1	6.0	1.30	0.075	0.585
	1	8.0	2.0	0.075	1.20
	1	10.0	2.50	0.075	1.875
	1	12.0	1.50	0.075	1.135
	1	9.0	2.50	0.075	1.688
	1	10.0	2.0	0.075	1.50
	1	8.0	2.50	0.075	1.50
	1	9.0	1.80	0.075	0.95
Nikhil	1	6.0	2.50	0.075	1.13
	1	8.0	3.75	0.075	2.25
	1	7.0	2.50	0.075	1.313
	1	8.0	2.0	0.075	1.20
	1	10.0	2.50	0.075	1.875
	1	8.0	3.10	0.075	1.86

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	1	12.00	3.75	0.075	3.375
	1	9.00	3.75	0.075	2.531
	1	10.00	3.75	0.075	2.813
	1	8.00	3.75	0.075	2.25
	1	12.00	2.50	0.075	2.25
2nd KM	1	10.00	2.10	0.075	1.575
	1	8.00	1.60	0.075	0.96
	1	12.00	2.00	0.075	1.80
	1	10.00	2.40	0.075	1.80
	1	8.00	1.90	0.075	1.142
	1	6.00	1.80	0.075	0.872
	1	10.00	2.10	0.075	1.58
	1	8.00	3.10	0.075	1.86
	1	10.00	2.60	0.075	1.95
	1	12.00	3.10	0.075	2.79
	1	8.00	2.50	0.075	1.50
	1	10.00	2.00	0.075	1.50
	1	6.00	1.30	0.075	0.59
	1	10.00	1.10	0.075	0.83
	1	8.00	1.80	0.075	1.08
	1	5.00	1.60	0.075	0.60
	1	7.00	1.30	0.075	0.683
	1	4.00	1.20	0.075	0.360
	1	8.00	2.00	0.075	1.20
	1	5.00	1.30	0.075	0.488
	1	7.00	3.50	0.075	1.838

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	1	10.00	3.50	0.075	2.625
	1	6.00	3.75	0.075	1.69
	1	10.00	3.50	0.075	2.63
	1	12.00	3.75	0.075	3.38
	1	12.00	3.75	0.075	3.38
	1	3.00	1.25	0.075	0.28
	1	4.00	1.10	0.075	0.33
			1.30		102.65 m ³
			Limit of		102.04 m ³
4.		Cont. of subgrade & earth			
		Shoulder with all cont.			
	2	55	30.0	1.05	$\frac{0.30 \times 0.35}{2} = 1126.125 m^3$
			3.10	Limit of	1113.25 m ³

5.		Primer coat			12.58
		Pro. and Applying Primer			20.50
		Coat with bitumen emulsion			20.00
		(SSI) with all cont.			20.00
		Area vide TMS p no - 4-6			20.00
		9th (4) 102.65 m ³			20.00
		$102.65 / 0.075 =$			1368.66 m ²
		Limit of			
6.		Pro. laying and rolling			10.00
		of m. s. s. zone in the			20.00
		with all cont.			20.00
1st km	1	10.00	2.10	=	21.00
	1	20.00	2.6	=	52.00
	1	15.00	1.90	=	28.50

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	1	12.00	2.40	=	28.80
	1	18.00	1.30	=	23.40
	1	12.00	1.10	=	23.40
	1	16.00	1.40	=	22.40
	1	13.00	1.30	=	16.90
	1	18.00	2.00	=	36.00
	1	24.00	1.00	=	24.00
	1	15.00	1.50	=	22.50
	1	15.00	2.00	=	37.50
	1	12.00	2.00	=	24.00
	1	20.00	1.10	=	22.00
	1	19.00	1.80	=	34.20
	1	12.00	1.60	=	19.20
	1	18.00	1.20	=	21.60
	1	20.00	2.00	=	40.00
	1	21.00	1.30	=	27.30
	1	9.00	1.10	=	9.90
	1	8.00	1.40	=	11.20
	1	12.00	1.30	=	15.60
	1	9.00	1.10	=	9.90
	1	11.00	2.00	=	22.00
	1	24.00	1.00	=	24.00
	1	15.00	1.50	=	22.50
	1	26.00	2.50	=	65.00
	1	19.00	2.00	=	38.00
	1	17.00	1.80	=	30.60
	1	13.00	1.60	=	20.80

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	1	8.00	1.30	=	10.40
	1	19.00	1.20	=	22.80
	1	13.00	2.00	=	26.00
	1	18.00	1.30	=	23.40
2nd km	1	14.00	1.10	=	15.40
	1	16.00	1.80	=	28.80
	1	22.00	1.60	=	35.20
	1	18.00	1.30	=	23.40
	1	22.00	1.20	=	26.40
	1	15.00	2.00	=	30.00
	1	25.00	1.30	=	32.50
	1	24.00	1.10	=	26.40
	1	29.00	1.40	=	40.60

	1	15.00	1.30	=	19.50
	1	21.00	1.20	=	25.20
	1	25.00	2.00	=	50.00
	1	15.00	1.30	=	19.50
	1	10.00	1.10	=	11.00
	1	30.00	1.80	=	54.00
	1	19.00	1.60	=	30.40
	1	21.00	1.30	=	27.30
	1	22.00	1.20	=	26.40
	1	16.00	2.00	=	32.00
	1	18.00	1.30	=	23.40
	1	14.00	1.10	=	15.40
	1	21.00	1.40	=	29.40
	1	20.00	1.80	=	36.00

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	1	12.00	1.20	=	14.40
	1	15.00	1.10	=	16.50
	1	16.00	1.30	=	20.80
	1	14.00	1.40	=	19.60
	1	13.00	1.80	=	23.40
	2	21.00	1.60	=	67.20
	1	4.00	1.60	=	6.40
		30.00			1694.90m ²
	Step wide TMB p. no (4-6)				
	2/10m (4) 102.65m ²				
	=> 102.65 / 0.075 =				1368.67m ²
					3063.57m ²

7.	Pro. and applying tack coat with bitumen				
	Emulsion all comp.				
	wide TMB p. no. 6 9/10 5				1368.66m ²
	wide TMB p. no. 9-11 9/10 (8)				6097.74m ²
	wide TMB p. no. 6-9 9/10 (6)				1694.90m ²
					9341.30m ²
					9242.95m ²
8.	Pro. and laying Semi-dens bituminous concrete				
	with oil comp.				
CH.0-1590M	1	30.00	7.50 + 4.10 x 3.75	=	153.499m ²
	1	30.00	3.75 + 3.80 / 2	=	113.25
	1	30.00	3.80 + 3.90 / 2	=	115.50

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	1	30.00	3.90	3.90/2	115.00
	1	30.00	3.90	3.75/2	114.75
	1	30.00	3.75	3.75/2	112.50
	1	30.00	3.75	3.80/2	113.25
	1	30.00	3.80	3.80/2	114.00
	1	30.00	3.80	3.85/2	114.75
	1	30.00	3.85	3.80/2	114.75
	1	30.00	3.80	3.75/2	113.25
	1	30.00	3.75	3.75/2	112.50
	1	30.00	3.75	3.80/2	113.25
	1	30.00	3.80	3.75/2	113.25
	1	30.00	3.75	3.75/2	112.50
	1	30.00	3.75	3.80/2	113.25
	1	30.00	3.80	3.80/2	114.00
	1	30.00	3.80	3.75/2	113.25
	1	30.00	3.75	3.75/2	112.50
	1	30.00	3.65	3.65/2	111.00
	1	30.00	3.65	3.75/2	111.00
	1	30.00	3.75	3.80/2	113.25
	1	30.00	3.80	3.80/2	114.00
	1	30.00	3.80	3.90/2	115.50
	1	30.00	3.90	3.75/2	114.75
	1	30.00	3.75	3.75/2	112.50
	1	30.00	3.75	3.80/2	113.25
	1	30.00	3.80	3.75/2	113.25
	1	30.00	3.75	3.75/2	112.50
	1	30.00	3.75	3.80/2	113.25

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	1	30.00	3.80 + 3.75/2		113.25
	1	30.00	3.75 + 3.90/2		114.75
	1	30.00	3.90 + 3.75/2		114.75
	1	30.00	3.75 + 3.70/2		111.75
	1	30.00	3.70 + 3.75/2		111.75
	1	30.00	3.75 + 3.80/2		113.25
	1	30.00	3.80 + 3.85/2		114.75
	1	30.00	3.85 + 3.75/2		114.75
	1	30.00	3.75 + 3.80/2		113.25
	1	30.00	3.80 + 3.75/2		113.25
	1	30.00	3.75 + 3.75/2		112.50
	1	30.00	3.75 + 3.90/2		114.75
	1	30.00	3.90 + 3.80/2		115.50
	1	30.00	3.80 + 3.85/2		114.75
	1	30.00	3.85 + 3.75/2		113.25
	1	30.00	3.75 + 3.70/2		111.75
	1	30.00	3.70 + 3.75/2		111.75
	1	30.00	3.75 + 3.75/2		112.50
	1	30.00	3.75 + 3.80/2		113.25
	1	30.00	3.80 + 3.75/2		113.25
	1	30.00	3.75 + 3.80/2		113.75
	1	30.00	3.80 + 3.75/2		113.75
	3	30.00	3.75 + 3.75/2		337.50
					6277.74 m ²
					6277.74 × 0.025 = 156.94 m ³
					Limit 156.237 m ³

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
9.	Pro. and laying of hot applied thermoplastic Compound 2.5mm thick all work				
2	53	30.0	0.10	=	318.0 M ²
10.	Pro. & fixing of typical M/C/Sy Informetry sign Board with all work 1 x 3.0 No — 3 nos.				
11.	kilometre stone all work (i) 1 km stone — 2 nos. (ii) 200 m stone — 6 nos.				
12.	Pro. & fixing retro-reflective sign board (i) 600mm Equilateral Triangle — 14 nos. (ii) 600mm Circular — 12 nos. (iii) 600mm x 450mm rectangular — 10 nos.				
13.	Boundary Pillars all work — 20 nos.				
14.	Planting of trees by the road — 89 nos.				
15.	Brick masonry in C/M (1:4) in parapet. 5 x 2 B.W 0.60 0.60 = 14.40 M ²				
16.	Plastering with C/M (1:4) etc. Side 5 4.0 6.0 0.60 = 72.0 M ² Top 5 2.0 6.0 0.40 = 24.0 M ² Front face 5 4.0 0.40 0.60 = 4.80 M ² 100.80 M ²				
17.	Painting two coats all work. Area vide TMB P. 40.129 to 16 — 100.80 M ²				

Continuation

Nikhil
22/11/23

Arman
21/11/23
JE.

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	ABSTRACT OF COST				
1	clearing & Graveling road				
	land with all comp.				
0.318 Hq.	vide TMB p. no. - (1) 9/10/01				
	as 72.697.86/Hq. — 2				23118.00
2	Scrifying the Existing				
3	bituminous road surface				
	with all comp.				
1360.55 m ²	vide TMB p. no. - (1) 9/10/01				
	as 20.47/m ² — 5				27850.20
3	Const. of granular sub-				
4	base by pot with all comp.				
	vide TMB p. no. - 2-3				
	9/10/01 (3) 90.30 m ³				
	as 40.66.24/m ³ — 8				367181.00
9	Pro. laying spreading				
5	and compacting P.B.Mgr. 3				
	in pot all comp.				
	vide TMB p. no. - 4-6				
	9/10/01 (4) 102.04 m ³				
	as 5548.58/m ³ — 8				566177.00
					/
					Rs-984326.20

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$\frac{5}{6}$	Pro. and applying Primer				
	coat with bitumen				
	Emulsion (S.S.) all comp.				
	vide rms p.no - (6)				
	9km (5) 1368.46m ²				
	as 59.64/m ²				81627=00
$\frac{6}{8}$	Pro. laying and rolling				
	of mix seal surface				
	20 mm thick all comp.				
	vide rms p.no - (6-9)				
	9km (6) 3068.59m ²				
	as 293.67/m ²				897254=00
$\frac{7}{7}$	rack coat with bitumen				
	Emulsion all comp.				
	vide rms p.no - (9)				
	9km (7) 9242.95				
	as 20.53/m ²				189158=00
					189158=00
$\frac{8}{9}$	Pro. and laying semi				
	dens bituminous concrete				
	with all comp.				
	vide rms p.no - (9-11)				
	9km (8) 156.22m ³				
	as 15717.85/m ³				2378425=00
					2455710=00
					Rs. 4608715=00

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
9. 19	Pro. and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass bead all comp.				
	vide M.B. p.no. - (12)				
	9.000 (9)	318.002			
	@ 712	21/m ²			226483.00
10. 2	Pro. and fixing of typographical informatory sign board enamel with logo & maint. Board all comp.				
	vide M.B. p.no. - (12)				
	9.000 (10)	3108.			
	@ 14897	89/m ²			344694.00
	Add 18% GST			(+)	
	Add 1% L.C.S.S			(+)	
	Add S.F.C.			(+)	
11. 2	Const. of subgrade and Earthen shoulder with all comp.				
113.75 m ³	vide M.B. p.no. 6 p.no. 4				
	@ 261	221/m ³			290933.00
					↑
					RS 5168225 = W

Continuation

S170825 = W

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$\frac{12}{10}$	RCC MIS in killosetra				
	stone with all comp.				
	2 nos. vide TMB P.no-12 9/11 (i)				
	QS 3285.03/No				6570.00
$\frac{13}{11}$	RCC MIS in 200M stone				
	with all comp.				
	6 nos. vide TMB P.no. 12 9/11 (ii)				
	QS 880-49/No				52832.00
$\frac{14}{14}$	Pro. and fixing of retro-				
	reflectorised 600mm board				
	with all comp.				
	14 nos. vide TMB P.no. 12 9/11 (i)				
	QS 5794.24/No				81119.00
$\frac{15}{15}$	Pro. & fixing of retro-reflective				
	600mm circular				
	12 nos. vide TMB P.no. 12 9/11 (ii)				
	QS 7362-05/No				88344.00
$\frac{16}{16}$	Pro. & fixing of retroreflective				
	600mm x 450mm rect.				
	10 Nos. vide TMB P.no-12 9/11 (iii)				
	QS 7201-56/No				72015.00
$\frac{17}{17}$	RCC MIS in boundary				
	pillars with all comp.				
	20 Nos. vide TMB P.no. 12 9/11				
	QS 749-28/No				14985.00
					543654.00
					5439141.00

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
18. <u>18</u>	Planting of trees by the road side with all work.				
82 Nos.	vide TMB p.no-129/14				
	@ 1224/40/No				100400=0
19. <u>20</u>	Boiler masonry work in c.m (1:4) in parapet wall with all work.				
14.40 m ³	vide TMB p.no-129/15				
	@ 6287-83/m ³				90545=w
20. <u>21</u>	Plastering with c.m (1:4) on boiler work with all work.				
100.80 m ²	vide TMB p.no-129/16				
	@ 235.68/m ²				23756=w
21. <u>22</u>	Painting two coats on New Surfaces all work.				
100.80 m ²	vide TMB p.no-129/17				
	@ 135.18/m ²				13626=w
					1
					Rx-5667865=w
	Add GST-18%				1020194=w
					679784=w
	Add 1% L.Cess				56679=w
	Add S.Fee				53517=w
					Rx-6797804=w
					6797802=w
Less 10% Below					Rx-6118024=w
					22/11/23
					GE

Continuation

Nikhil
22/11/23
AE

