

M/R New Maintenance

Block → Azamgarh

Schedule XLV-Form No. 134

Repair of Road from MMGSY Singhal Farsadangi
to Khaguziya Banswari

DIVISION

Agreement No - 25/MBD/2024-25

Agreement Amount → 4,45,37,443/-

SUB-DIVISION

Vishal Anand.

MEASUREMENT BOOK

1052
09/10/24

प्रमाणित किया जाता है कि इस मापीयुक्त
में मशीन द्वारा कुल 100 पन्ने अंकित हैं जिसे
श्री अरविन्द कुमार दास सहित अंकित
आजमगार के नाम से निर्गत किया जाता
है -

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

०९/०८/२५

Sch. XLV-Form No. 134

DIVISION

SUB-DIVISION

Measurement Book

No. 1052
०९/०८/२५

Name of officer _____

Date of first entry _____

Date of last entry _____

famel 1st BATE 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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Repair of road					
from Prussy singhaul					
Fharadangi to Khjira Basa					
wari					
Agency:- Vishal Anand					
Agreement NO:- 25MBI/2024-25					
Date of commencement:- 09/10/2024					
Date of completion:- 08/10/2025					
Date of Actual completion:- 07/12/2024					

Record Measurement

① Clearing and grubbing
road land - E.I.

$$2 \times 8 \times 30 \text{ m} \times 1.00 \text{ m} = 480.00 \text{ m}^2$$

$$2 \times 10 \times 30 \text{ m} \times 1.00 \text{ m} = 600.00 "$$

$$2 \times 10 \times 30 \text{ m} \times 1.00 \text{ m} = 600.00 "$$

$$2 \times 7 \times 30 \text{ m} \times 1.00 \text{ m} = 420.00 "$$

$$2 \times 3 \times 30 \text{ m} \times 1.00 \text{ m} = 180.00 "$$

$$2 \times 1 \times 15 \text{ m} \times 1.00 \text{ m} = 30.00 "$$

$$\text{Total} = 2310.00 \text{ m}^2$$

$$= 0.23 \text{ Hect.}$$

② Plu Brick masonry

work in c.m. (1:3) - E.I.

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
5 x 6.10m x 1.10m x 0.175m =					5.87 m ³
4 x 4.20m x 1.00m x 0.175m =					2.94 "
4 x 2.90m x 0.90m x 0.175m =					1.83 "
1 x 8.00m x 0.80m x 0.175m =					1.12 "
3 x 3.50m x 1.00m x 0.175m =					1.84 "
1 x 4.60m x 1.10m x 0.175m =					0.89 "
5 x 6.80m x 0.70m x 0.175m =					4.19 "
					Qty = 32.60 m ³

⑥/5 Dr. laying, spreading
and Compacting
WBM Cr-II

2 x 3.00m x 1.10m x 0.075m =	0.50 m ³
3 x 3.40m x 0.70m x 0.075m =	0.54 "
1 x 7.30m x 1.10m x 0.075m =	0.60 "
5 x 1.80m x 0.90m x 0.075m =	0.61 "
2 x 4.50m x 1.40m x 0.075m =	0.95 "
3 x 3.70m x 0.70m x 0.075m =	0.58 "
6 x 3.00m x 1.20m x 0.075m =	1.62 "
2 x 4.80m x 0.90m x 0.075m =	0.65 "
2 x 3.40m x 0.80m x 0.075m =	0.41 "
5 x 6.20m x 1.20m x 0.075m =	2.79 "
4 x 4.30m x 1.10m x 0.075m =	1.42 "
4 x 3.00m x 0.90m x 0.075m =	0.81 "
1 x 8.20m x 0.80m x 0.075m =	0.49 "
3 x 3.60m x 1.10m x 0.075m =	0.89 "

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$1 \times 4.70m \times 1.20m \times 0.075m =$					$0.42 m^3$
$5 \times 6.90m \times 0.70m \times 0.075m =$					$1.81 "$
$6 \times 5.20m \times 1.20m \times 0.075m =$					$2.81 "$
$4 \times 8.30m \times 1.00m \times 0.075m =$					$2.49 "$
$2 \times 2.70m \times 1.40m \times 0.075m =$					$0.57 "$
$6 \times 4.00m \times 0.50m \times 0.075m =$					$0.90 "$
$4 \times 4.90m \times 1.10m \times 0.075m =$					$1.62 "$
$2 \times 5.40m \times 0.90m \times 0.075m =$					$0.73 "$
$4 \times 5.60m \times 0.40m \times 0.075m =$					$0.67 "$
$2 \times 2.90m \times 1.10m \times 0.075m =$					$0.48 "$
$3 \times 4.00m \times 1.60m \times 0.075m =$					$1.44 "$
$1 \times 2.80m \times 1.00m \times 0.075m =$					$0.21 "$

$$3 \times 6.90m \times 1.50m \times 0.075m = 2.33 "$$

$$\text{Qty} = 29.34 m^3$$

MAHAR
05/11/24
JE

As per
5/11/24
AL

Record Entry

①/5 Pls, laying, spreading
and Compacting WBM

Gr-III - E/I.

$2 \times 3.10m \times 1.20m \times 0.075m =$					$0.56 m^3$
$3 \times 3.50m \times 0.70m \times 0.075m =$					$0.55 "$
$1 \times 7.40m \times 1.20m \times 0.075m =$					$0.67 "$
$5 \times 1.80m \times 0.90m \times 0.075m =$					$0.61 "$
$2 \times 4.60m \times 1.50m \times 0.075m =$					$1.03 "$

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$3 \times 3.80m \times 0.70m \times 0.075m =$					$0.60 m^3$
$6 \times 3.10m \times 1.30m \times 0.075m =$					$1.81 "$
$2 \times 4.90m \times 0.90m \times 0.075m =$					$0.66 "$
$2 \times 3.50m \times 0.80m \times 0.075m =$					$0.42 "$
$5 \times 6.30m \times 1.30m \times 0.075m =$					$3.07 "$
$4 \times 4.40m \times 1.20m \times 0.075m =$					$1.58 "$
$4 \times 3.10m \times 0.90m \times 0.075m =$					$0.84 "$
$1 \times 8.40m \times 0.80m \times 0.075m =$					$0.50 "$
$3 \times 3.70m \times 1.20m \times 0.075m =$					$1.00 "$
$1 \times 4.80m \times 1.30m \times 0.075m =$					$0.47 "$
$5 \times 7.00m \times 0.70m \times 0.075m =$					$1.84 "$
$6 \times 5.30m \times 1.30m \times 0.075m =$					$3.100 "$
$4 \times 8.50m \times 1.10m \times 0.075m =$					$2.80 "$

$2 \times 2.80m \times 1.50m \times 0.075m =$	$0.63 "$
$6 \times 4.10m \times 0.50m \times 0.075m =$	$0.92 "$
$4 \times 5.00m \times 1.20m \times 0.075m =$	$1.80 "$
$2 \times 5.50m \times 0.90m \times 0.075m =$	$0.74 "$
$4 \times 5.70m \times 0.40m \times 0.075m =$	$0.68 "$
$2 \times 3.00m \times 1.20m \times 0.075m =$	$0.54 "$
$3 \times 4.10m \times 1.70m \times 0.075m =$	$1.57 "$
$1 \times 2.90m \times 1.10m \times 0.075m =$	$0.24 "$
$3 \times 7.00m \times 1.60m \times 0.075m =$	$2.52 "$
$3 \times 5.20m \times 0.90m \times 0.075m =$	$1.05 "$
$1 \times 4.50m \times 1.00m \times 0.075m =$	$0.34 "$
$5 \times 4.50m \times 1.00m \times 0.075m =$	$1.69 "$
$5 \times 3.00m \times 0.70m \times 0.075m =$	$0.79 "$

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$2 \times 4.00 \text{ m} \times 0.50 \text{ m} \times 0.075 \text{ m} =$					0.30 m^3
$6 \times 4.00 \text{ m} \times 0.80 \text{ m} \times 0.075 \text{ m} =$					1.66 "
$3 \times 2.50 \text{ m} \times 0.70 \text{ m} \times 0.075 \text{ m} =$					0.39 "
$3 \times 5.10 \text{ m} \times 1.00 \text{ m} \times 0.075 \text{ m} =$					1.14 "
$2 \times 4.30 \text{ m} \times 0.50 \text{ m} \times 0.075 \text{ m} =$					0.32 "
$4 \times 3.60 \text{ m} \times 1.40 \text{ m} \times 0.075 \text{ m} =$					1.51 "
$2 \times 5.40 \text{ m} \times 1.60 \text{ m} \times 0.075 \text{ m} =$					1.29 "
$7 \times 4.00 \text{ m} \times 0.90 \text{ m} \times 0.075 \text{ m} =$					1.89 "
$3 \times 6.80 \text{ m} \times 1.40 \text{ m} \times 0.075 \text{ m} =$					2.14 "
$2 \times 4.90 \text{ m} \times 0.70 \text{ m} \times 0.075 \text{ m} =$					0.51 "
					$\text{Qty} = 46.77 \text{ m}^3$
					$\frac{18448}{281024}$ OE

Record Entry

①/6 Plr is applying
primer coat with
emulsion (SS-1) — EM

Area vide item no - ①/5

$$A - \text{①} = 46.77 \text{ m}^2$$

$$46.77 \text{ m}^2 \div 0.075 \text{ m} = 623.60 \text{ m}^2$$

$$\text{Limit to} = 601.55 \text{ m}^2$$

②/7 Plr and applying Tack
Coat with emulsion (RS-1)

— EM. Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
1x15m x		$\frac{5.50+3.75}{2}$		=	69.38 m ²
9x30m x		3.75m		=	1012.50 "
1x30m x		$\frac{3.75+4.80+3.75}{3}$		=	123.00 "
3x30m x		3.75m		=	337.50 "
1x30m x		$\frac{3.75+4.60+3.75}{3}$		=	121.00 "
5x30m x		3.75m		=	562.50 "
3x30m x		3.75m		=	337.50 "
7x30m x		3.75m		=	787.50 "
1x22m x		$\frac{3.75+4.60+3.75}{3}$		=	88.73 "
8x30m x		3.75m		=	900.00 "
1x8m x		3.75m		=	30.00 m ²
				Q+Y=	4369.61 m ²

③	p/s & laying				
	semi dense bituminous				
	Concrete — 219				
1x15m x	$\frac{5.50+3.75}{2} \times 0.025m$			=	1.73 m ²
9x30m x	3.75m x 0.025m			=	25.31 m ²
1x30m x	$\frac{3.75+4.80+3.75}{3} \times 0.025m$			=	3.08 "
3x30m x	3.75m x 0.025m			=	8.44 "
1x30m x	$\frac{3.75+4.60+3.75}{3} \times 0.025m$			=	3.03 "
5x30m x	3.75m x 0.025m			=	14.06 "
3x30m x	3.75m x 0.025m			=	8.44 "
7x30m x	3.75m x 0.025m			=	19.69 "
1x22m x	$\frac{3.75+4.60+3.75}{3} \times 0.025m$			=	2.21 "
8x30m x	3.75m x 0.025m			=	22.50 "

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
1x 8m x 3.75m x 0.025m =					0.75 m ³
				QAY =	109.24 m ³
					544.25
					071121024
					JE

Record Entry

①/2 Construction of

subgrade & earthen

shoulder - 81.5

$$2 \times 8 \times 30 \times 0.750 \times 0.450 = 162.00 \text{ m}^3$$

$$2 \times 10 \times 30 \times 0.750 \times 0.450 = 202.50 \text{ m}^3$$

$$2 \times 7 \times 30 \times 0.750 \times 0.450 = 141.75 \text{ m}^3$$

$$2 \times 8 \times 30 \times 0.750 \times 0.450 = 162.00 \text{ m}^3$$

$$2 \times 5 \times 30 \times 0.750 \times 0.450 = 101.25 \text{ m}^3$$

$$2 \times 1 \times 15 \times 0.750 \times 0.450 = 10.13 \text{ m}^3$$

$$QAY = 779.63 \text{ m}^3$$

②/3 km stone post

$$1 \times 2.00 \text{ m}^3 = 2.00 \text{ m}^3$$

③/10 2.00 m stone post

$$1 \times 5.00 \text{ m}^3 = 5.00 \text{ m}^3$$

④/11 p/s erecting direction
and place identification

Sign board.

$$2 \times 1.20 \times 0.80 = 1.92 \text{ m}^2$$

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⑤ 12 600mm equilateral triangle board.					
					$1 \times 10.0 \text{ Nos} = 10.0 \text{ Nos}$
⑥ 13 600mm circular board.					
					$1 \times 6.0 \text{ Nos} = 6.0 \text{ Nos}$
⑦ 14 600mm x 450mm rectangular board.					
					$1 \times 4.0 \text{ Nos} = 4.0 \text{ Nos}$
⑧ 15 900mm side octagon board.					

					$1 \times 2.0 \text{ Nos} = 2.0 \text{ Nos}$
⑨ 16 planting of tree by the road side — E.T.					
					$1 \times 58.0 \text{ Nos} = 58.0 \text{ Nos}$
⑩ 17 p/o & laying of hot applied thermoplastic compound — E.T.					
					$2 \times 15 \times 30 \text{ m} \times 0.100 \text{ m} = 90.00 \text{ m}^2$
					$2 \times 15 \times 30 \text{ m} \times 0.100 \text{ m} = 90.00 \text{ m}^2$
					$2 \times 8 \times 30 \text{ m} \times 0.100 \text{ m} = 48.00 \text{ m}^2$
					$2 \times 1 \times 15 \text{ m} \times 0.100 \text{ m} = 3.00 \text{ m}^2$
					$Q \times Y = 231.00 \text{ m}^2$

Continuation

1st & Final Bill

Abstract of cost

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Sch. XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
① Clearing and grubbing road land—E.T.					
0.23 Hact. O.V.T. M.B.P. - ①					
@ 76926.08/Hact - Rs.					17692.00
② Construction of subgrade & shoulder—E.T.					
779.63 m ³ O.V.T. M.B.P. - ②					
@ 264.72/m ³ - Rs.					206384.00
③ Const. of USB with metal—E.T.					
32.60 m ³ O.V.T. M.B.P. - ③					
Unit to 32.57 m ³ @ 2623.00/m ³ - Rs.					85431.00
④ 1/4 p/s, laying, spreading & compacting WBM Cr-II—E.T.					
29.34 m ³ O.V.T. M.B.P. - ④					
Unit to 29.32 m ³ @ 5664.44/m ³ - Rs.					166081.00
⑤ 1/5 p/s, laying, spreading & compacting WBM Cr-III—E.T.					
46.77 m ³ O.V.T. M.B.P. - ⑤					
Unit to 45.12 m ³ @ 5407.86/m ³ - Rs.					244003.00
⑥ 1/6 p/s & applying primer coat with bitumen emulsion (SS-1) - C/I					

Continuation

719591.00

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
601.55 m ² O.V.T. MBP - ⑥					
@ 55.55 / m ² - Rs.					33416.00
⑦ Plr & applying tack					
coat with bitumen					
emulsion (RS-1) - 217					
4369.61 m ² O.V.T. MBP - ⑦					
@ 19.06 / m ² - Rs.					83285.00
⑧ Plr & laying semi					
dense bituminous					
concrete - E.I.T.					
109.24 m ³ O.V.T. MBP - ⑧					
@ 13489.45 / m ³ - Rs.					1473587.00

⑨ 1/3 km stone post.					
2.0 nos O.V.T. MBP - ⑨					
@ 3075.25 / each - Rs.					6150.00
⑩ 200m stone post					
5.0 nos O.V.T. MBP - ⑩					
@ 839.51 / each - Rs.					4198.00
⑪ Plr Retro-reflectorised					
sign board.					
1.92 m ² O.V.T. MBP - ⑪					
@ 15107.04 / m ² - Rs.					29006.00
⑫ Plr 600mm equilateral					
triangle board.					
10.0 nos O.V.T. MBP - ⑫					

Continuation

@ 4520.39 / each - Rs. 45203.00

2394436

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(13) 13 Pl. 60mm circular board.					
6.00 No. O.V.T. BP - (9)					
@ 4362.71/each - 15					26176.00
(14) 14 60mm x 450mm rectangular board.					
4.00 No. O.V.T. BP - (9)					
@ 4218.18/each - 15					16873.00
(15) 15 90mm side octagon board.					
2.00 No. O.V.T. BP - (9)					
@ 8687.54/each - 15					17375.00

(16) 16 Planting of tree by the road side - EIT.					
58.00 No. O.V.T. BP - (9)					
@ 1305.10/each - 15					75696.00
(17) 17 Pl. & laying hot applied thermoplastic compound - EIT.					
231.00 m ² O.V.T. BP - (9)					
@ 886.50/m ² - 15					204782.00
(18) 18 Pl. Pedestrian crossing - EIT.					
9.00 m ² O.V.T. BP - (9)					
@ 886.50/m ² - 15					7979.00

Continuation

2743317.00

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⑬ 1/3 pl & fixing of typical masonry infomation sign board.					
4.00 nos O.V.T.MBP- ①					
@ 11743.55/sqm sq.					46974.00
⑭ 20 Brick masonry work in C.M. (1:3) - E17					
2.214 m ² O.V.T.MBP- ②					
@ 6185.97/m ² - Rs.					13696.00
⑮ 24 plastering with C.M. (1:4) on blt - E12					
61.92 m ² O.V.T.MBP- ③					
@ 234.76/m ² - Rs.					14536.00
⑯ 22 painting on parapet wall - E17.					
61.92 m ² O.V.T.MBP- ④					
139.16 @ 234.16/m ² - Rs.					8617.00 8307.00 2827140.00 2826830.00
Add 18% GST ⑤					Rs. 508885.00 508829.00
Add 1% L.C.ESS ⑥					Rs. 28271.00 28268.00
					Rs. 3364296.00 3363927.00
Add 10% s.fee ⑦					Rs. 29800.00
					Rs. 3394096.00 3393727.00
less 16.99% below ⑧					576657.00 576594.00 542996.00
					Rs. 2817437.00 2850737.00
Limit as per A1101 -					2817133.00 2817133.00
					MAHAR 07/12/2024 JE

Continuation

Ajit Kumar

Sch. XLV-Form No. 134

Sch.XLV-Form No. 134					
Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Material Statement					
① ^{25728.00} Earth = 779.63 m ² @ 35.25/m ² -					27481.00
② 26.5 mm - 9.5 mm = 13.78 m ² @ 901.46/m ² -					12422.00
③ 9.5 mm - 2.36 mm = 9.77 m ² @ 429.37/m ² -					4200.00
④ 2.36 mm - 15.63 m ² @ 144.75/m ² -					2262.00
⑤ 6.3 mm - 4.5 mm = 35.50 m ² @ 992.33/m ² -					35227.00
⑥ 11.2 mm = 7.82 m ² @ 901.46/m ² -					7049.00
⑦ Binding material = 2.35 m ² @ 161.62/m ² -					379.00
⑧ 53 mm - 22.4 mm = 54.60 m ² @ 1100.04/m ² -					60062.00
⑨ 11.2 mm = 10.83 m ² @ 901.46/m ² -					9762.00
⑩ 9.5 - 4.75 mm = 91.0/m ² @ 595.16/m ² -					54165.00
⑪ 4.75 mm = 65.46 m ² @ 429.37/m ² -					28146.00
⑫ ^{174.} C.Sad = 2.32 m ² @ 502.80/m ² -					1166.00
⑬ ^{50.00} Brick = 1107 Nos @ 5.13/each -					5679.00
				Rs.	298000.00
				10% S. fee -	29800.00
⑭ (SS-1) = 0.511 M.T.					
⑮ (RS-1) = 1.202 M.T.					
⑯ Bitumen = 11.73 M.T.					
⑰ waste plastic = 0.89 M.T.					
				MAHES OFFICER JE	27/12/24
A1101 - 2817133.00 ✓					
Letter No. 160 dt 27/12/24					

Continuation

1st and Final Bill

memo of Payment

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Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
S.D. 5%				140	857.00
S.Tax - 1%				28	171.00
UTST - 2%				56	342.00
L. cess - 1%				28	171.00
S.F.				29	800.00
Royalty				25	952.00
Deduction				309	293.00
e.F.M.S				250	840.00
				2817	133.00

Passed for Rs 2817133.00 [Rupees]

Twenty eight Lac Seventeen Thousand one hundred thirty three only.

Executive Engineer
R.W.D. Works Division
Manihari, Katihar

63/11/25

- 1) Constructed Length :- 1.155 km
- 2) Actual Date of Completion :- 07/12/24
- 3) No. of Tree Planted :- 5800 Nos
- 4) Value of MB :- 2817439.00
- 5) Habitation connected = 2

MAAFS
07/12/24
JE

Continuation