

MR. Nand Maini. Policy-2018

Schedule XLV-Form No. 134

MR.N/19.20 Lakhnarai/11 (Chaman)

To2 Balahpur More to To6 Khatukpur More.

Sri Subash Kumar .

DIVISION

Start - 18.8.2021 (Agg No - 07/SBD/2021-22)

End - 17.05.2022 SUB-DIVISION

M.B.No - 697

MEASUREMENT BOOK

1st on sk 2 final

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: - Maintenance/Repair of road from Taz Batahpura moir to Taz (Khatupara moir)					
Agency: - S. S. Subash Kumar					
Agreement No. - 07 MBP/2024-22					
Date of Commencement - 18.08.21					
Date of Completion - 17.05.22					

Record entry

1. cleaning and grubbing of road land.

2 x 33 x 30.00 x 1.00 =	1980.00 m ²
2 x 17 x 10.00 x 1.00 =	20.00 m ²
2 x 33 x 30.00 x 1.00 =	1980.00 m ²
2 x 17 x 10.00 x 1.00 =	20.00 m ²
2 x 33 x 30.00 x 1.00 =	1980.00 m ²
2 x 17 x 10.00 x 1.00 =	20.00 m ²
2 x 33 x 30.00 x 1.00 =	1980.00 m ²
2 x 17 x 10.00 x 1.00 =	20.00 m ²
2 x 33 x 30.00 x 1.00 =	1980.00 m ²
2 x 17 x 10.00 x 1.00 =	20.00 m ²
2 x 10 x 30.00 x 1.00 =	600.00 m ²
10600.00 m ²	

Continuation 1.20 m^2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	128.4	20.900	20.100		0.72 m ³
	129.4	20.70	20.100		0.63 m ³
	127.4	20.60	20.100		0.42 m ³
	128.4	20.80	20.100		0.69 m ³
	127.4	20.900	20.100		0.63 m ³
	126.4	20.100	20.100		0.60 m ³
	127.4	21.60	20.100		1.68 m ³
	125.4	21.60	20.100		1.20 m ³
	124.4	21.30	20.100		0.78 m ³
	126.4	21.900	20.100		1.71 m ³
	125.4	21.10	20.100		0.825 m ³
	126.4	21.50	20.100		1.33 m ³
	128.4	21.80	20.100		2.16 m ³
	124.4	22.00	20.100		1.20 m ³
	127.4	21.80	20.100		1.29 m ³
	125.4	21.70	20.100		1.275 m ³
	128.4	21.30	20.100		1.56 m ³
	126.4	21.50	20.100		1.35 m ³
	125.4	21.60	20.100		0.87 m ³
	126.4	22.00	20.100		1.80 m ³
	125.4	21.80	20.100		1.35 m ³
	129.4	22.50	20.100		2.98 m ³
	128.4	22.70	20.100		2.40 m ³
	129.4	22.10	20.100		2.835 m ³
	128.4	21.20	20.100		1.44 m ³
	129.4	21.20	20.100		1.62 m ³
	1210.4	21.90	20.100		1.95 m ³
Continuation					40.055

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
	1x10.4	x1.50	x0.150	=	2.25 m ³
	1x11.4	x1.60	x0.150	=	2.64 m ³
	1x7.40	x1.20	x0.150	=	1.26 m ³
	1x8.40	x1.20	x0.150	=	1.44 "
	1x9.44	x1.30	x0.150	=	1.755 "
	1x10.40	x1.50	x0.150	=	2.25 "
	1x11.40	x1.60	x0.150	=	2.64 "
	1x8.4	x1.50	x0.150	=	1.80 "
	1x10.40	x1.20	x0.150	=	1.80 "
	1x7.4	x1.40	x0.150	=	1.47 "
	1x9.44	x1.20	x0.150	=	2.295 "
	1x6.4	x1.30	x0.150	=	1.17 "
	1x8.4	x1.70	x0.150	=	2.04 "
	1x7.4	x2.00	x0.150	=	2.10 "
	1x11.4	x1.80	x0.150	=	2.97 "
	1x10.40	x2.10	x0.150	=	2.10 "
	1x13.4	x1.80	x0.120	=	2.808 "
	1x12.40	x1.50	x0.130	=	2.34 "
	1x14.4	x1.40	x0.100	=	1.96 "
	1x6.4	x0.60	x0.120	=	1.152 "
	1x7.4	x1.20	x0.120	=	1.008 "
	1x11.4	x1.30	x0.130	=	1.839 "
	1x9.40	x1.20	x0.150	=	1.62 "
	1x11.40	x1.50	x0.140	=	2.31 "
	1x10.4	x1.40	x0.130	=	1.82 "
	1x8.4	x1.3	x0.15	=	1.56 "

Continuation

90.472 m³Limit 89.620 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Brickwork laying and Comping</u>					
<u>658 m wall</u>					
1x 7.20 x 1.70 x 0.075 =					0.89 m ³
1x 6.10 x 1.20 x 0.075 =					0.54 m ³
1x 5.20 x 1.30 x 0.075 =					0.49 m ³
1x 8.10 x 1.10 x 0.075 =					0.66 m ³
1x 9.20 x 0.70 x 0.075 =					0.61 m ³
1x 7.10 x 0.80 x 0.075 =					0.42 m ³
1x 8.10 x 1.10 x 0.075 =					0.60 m ³
1x 7.10 x 1.10 x 0.075 =					0.58 "
1x 6.10 x 1.20 x 0.075 =					0.54 "
1x 7.10 x 1.80 x 0.075 =					0.95 "
1x 5.20 x 1.80 x 0.075 =					0.68 "

1x 4.20 x 1.50 x 0.075 =	0.45 "
1x 6.10 x 2.10 x 0.075 =	0.95 "
1x 5.20 x 1.30 x 0.075 =	0.49 "
1x 6.10 x 1.70 x 0.075 =	0.77 "
1x 8.10 x 2.10 x 0.075 =	1.20 "
1x 4.20 x 2.70 x 0.075 =	0.66 "
1x 7.20 x 2.10 x 0.075 =	1.05 "
1x 5.20 x 1.90 x 0.075 =	0.71 "
1x 8.10 x 1.50 x 0.075 =	0.91 "
1x 6.10 x 1.70 x 0.075 =	0.77 "
1x 5.20 x 1.80 x 0.075 =	0.68 "
1x 6.10 x 2.20 x 0.075 =	0.93 "
1x 5.20 x 2.10 x 0.075 =	0.75 "
1x 9.20 x 2.50 x 0.075 =	1.69 "

Continuation

19.03 m³

BA 19.03m²

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
1x 8.2m x 2.40 x 0.075 =					1.44 m ²
1x 9.2m x 2.30 x 0.075 =					1.55 "
1x 8.2m x 1.40 x 0.075 =					0.84 "
1x 9.2m x 1.40 x 0.075 =					0.915 "
1x 10.2m x 1.50 x 0.075 =					1.13 "
1x 10.2m x 1.70 x 0.075 =					1.28 "
1x 11.2m x 1.80 x 0.075 =					1.49 "
1x 7.2m x 1.40 x 0.075 =					0.74 "
1x 8.2m x 1.40 x 0.075 =					0.84 "
1x 9.2m x 1.50 x 0.075 =					1.01 "
1x 10.2m x 1.70 x 0.075 =					1.28 "
1x 11.2m x 1.80 x 0.075 =					1.49 "
1x 8.2m x 1.70 x 0.075 =					1.02 "
1x 10.2m x 1.40 x 0.075 =					1.05 "
1x 7.2m x 1.60 x 0.075 =					0.84 "
1x 9.2m x 1.90 x 0.075 =					1.28 "
1x 6.2m x 1.50 x 0.075 =					0.68 "
1x 8.2m x 1.90 x 0.075 =					1.14 "
1x 7.2m x 2.20 x 0.075 =					1.16 "
1x 11.2m x 2.00 x 0.075 =					1.65 "
1x 10.2m x 2.20 x 0.075 =					1.72 "
1x 13.2m x 2.00 x 0.075 =					1.95 "
1x 12.2m x 1.70 x 0.075 =					1.53 "
1x 14.2m x 1.60 x 0.075 =					1.68 "
1x 6.2m x 1.80 x 0.075 =					0.81 "
1x 7.2m x 1.40 x 0.075 =					0.74 "
1x 11.2m x 1.50 x 0.075 =					1.24 "
1x 9.2m x 1.40 x 0.075 =					0.95 "

Continuation

52.52 m²

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
17	11.00	2.10	0.075		1.40 m ³
17	10.00	2.10	0.075		1.20 "
17	12.00	2.10	0.075		1.89 "
17	11.00	2.20	0.075		1.82 "
17	9.00	2.30	0.075		1.55 "
17	11.00	2.40	0.075		1.98 "
17	12.00	2.50	0.075		2.25 "
17	11.00	2.10	0.075		1.73 "
17	18.00	2.30	0.075		3.11 "
17	16.00	2.20	0.075		2.64 "
17	13.00	2.00	0.075		1.95 "
17	14.00	2.60	0.075		2.73 "
17	15.00	2.50	0.075		2.81 "
17	12.00	2.20	0.075		2.03 "
17	10.00	2.20	0.075		1.61 "
17	9.00	2.40	0.075		1.65 "
17	12.00	2.50	0.075		2.25 "
17	10.00	2.20	0.075		1.65 "
17	15.00	2.50	0.075		2.81 m ³
					91.56 m ³
Grand total 88.75 m ³					
5 Primed's layer and					
Compacting 455m (or less)					
17	7.00	1.80	0.075		0.945 m ³
17	6.00	1.30	0.075		0.585 m ³
Continuation					
					1.530 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
1x 8m x 1.40				70.075 =	0.525 m ³
1x 8m x 1.20				70.075 =	0.720 "
1x 9m x 1m				70.075 =	0.675 "
1x 7m x 0.90				70.075 =	0.473 "
1x 8m x 1.10				70.075 =	0.660 "
1x 7m x 1.20				70.075 =	0.630 "
1x 6m x 1.30				70.075 =	0.585 "
1x 7m x 1.90				70.075 =	0.996 "
1x 5m x 1.90				70.075 =	0.713 "
1x 4m x 1.60				70.075 =	0.480 "
1x 6m x 2.30				70.075 =	0.99 "
1x 5m x 1.40				70.075 =	0.525 "
1x 6m x 1.80				70.075 =	
1x 8m x 2.70				70.075 =	1.26 m ³
1x 4m x 2.30				70.075 =	0.69 "
1x 7m x 2.10				70.075 =	1.103 "
1x 5m x 2m				70.075 =	0.750 "
1x 8m x 1.60				70.075 =	0.960 "
1x 6m x 1.80				70.075 =	0.810 "
1x 5m x 1.90				70.075 =	0.713 "
1x 6m x 2.30				70.075 =	1.035 "
1x 5m x 2.10				70.075 =	0.788 "
1x 9m x 2.60				70.075 =	1.755 "
1x 8m x 2.50				70.075 =	1.500 "
1x 9m x 2.40				70.075 =	1.62 "
1x 8m x 1.50				70.075 =	0.900 "
1x 9m x 1.50				70.075 =	1.012 "

Continuation

25.088
23.963

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
17 10.00	1.60	0.075			1.20 m ³
17 10.00	1.80	0.075			1.350 m ³
17 11.00	1.90	0.075			1.568 "
17 7.00	1.50	0.075			0.788 "
17 8.00	1.50	0.075			0.90 "
17 9.00	1.60	0.075			1.08 "
17 10.00	1.80	0.075			1.350 "
17 11.00	1.90	0.075			1.568 "
17 8.00	1.80	0.075			1.08 "
17 10.00	1.50	0.075			1.125 "
17 7.00	1.70	0.075			0.893 "
17 9.00	2.00	0.075			1.350 "
17 6.00	1.60	0.075			0.72 "
17 8.00	2.00	0.075			1.20 "
17 7.00	2.30	0.075			1.210 "
17 11.00	2.10	0.075			1.733 "
17 10.00	2.40	0.075			1.800 "
17 13.00	2.10	0.075			2.048 "
17 12.00	1.80	0.075			1.620 "
17 14.00	1.70	0.075			1.785 "
17 6.00	1.90	0.075			0.855 "
17 7.00	1.50	0.075			0.788 "
17 11.00	1.60	0.075			1.320 "
17 9.00	1.50	0.075			1.013 "
17 11.00	1.80	0.075			1.485 "
17 10.00	1.70	0.075			1.275 "

Continuation

57.067

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x12.00x2.20x0.075					1.980 M
1x11.00x2.30x0.075					1.898 "
1x9.00x2.40x0.075					1.620 "
1x11.00x2.50x0.075					2.063 "
1x12.00x2.60x0.075					2.34 "
1x11.00x2.20x0.075					1.815 "
1x18.00x2.40x0.075					3.24 "
1x16.00x2.30x0.075					2.76 "
1x13.00x2.10x0.075					2.048 "
1x14.00x2.20x0.075					2.835 "
1x7.50x2.60x0.075					2.925 "
1x12.00x2.40x0.075					2.16 "
1x10.00x2.30x0.075					1.725 "
1x9.00x2.35x0.075					1.721 "
1x12.00x2.60x0.075					2.34 "
1x10.00x2.30x0.075					1.725 "
1x12.00x1.30x0.075					1.17 "
1x13.00x1.60x0.075					1.56 "
1x11.00x1.50x0.075					1.238 "
1x14.00x1.60x0.075					1.680 "
1x12.00x1.70x0.075					1.530 "
1x13.00x1.80x0.075					1.735 "
1x14.00x2.00x0.075					2.700 "
1x12.00x1.50x0.075					1.350 "
1x15.00x2.20x0.075					2.475 "
1x13.00x2.00x0.075					1.95 "
1x12.00x2.15x0.075					1.935 "
1x15.00x2.00x0.075					2.250 "

Continuation

113.255

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17 13.00 x 1.80 x 0.075					1.755 m ³
17 12.00 x 2.22 x 0.075					1.998 m ³
17 15.00 x 2.00 x 0.075					2.25 m ³
17 16.00 x 1.95 x 0.075					2.34 m ³
17 14.00 x 2.30 x 0.075					2.415 m ³
17 16 x 2.30 x 0.075					2.76 m ³
17 18 x 2.40 x 0.075					3.24
17 14.00 x 2.2 x 0.075					2.835
17 13.00 x 2.10 x 0.075					2.048
17 16.00 x 1.95 x 0.075					2.415
17 6.00 x 2.70 x 0.075					1.035 m ³
					138.346
					Limit 137.02 m ³

Principal Plane Cont

as per 15

$$\text{Area} = \text{Area} \sqrt{4800 \times 6000}$$

$$\text{cc. } 137.02 / 0.075$$

$$= 1826.93 \text{ m}^2$$

$$\text{Limit } 513.80 \text{ m}^2$$

22.10.24

7. Patch work over WBM

Surface work mss

$$\text{cc. } 513.8 \text{ m}^2$$

$$\text{Extra work } 5 \times 20.00 \times 1.00 = 100.00 \text{ m}^2$$

$$3 \times 16 \times 1.25 = 60.00 \text{ m}^2$$

$$673.80 \text{ m}^2$$

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$= 673.80 \text{ m}^2$
					5513.80 m^2
					Limit 663.81 m^2
					663.80 m^2
8. <u>Pramid and applying</u> <u>Tack Coat</u>					663.8 m^2
					$\times \frac{1.5}{1}$
					$\text{BF } 663.81$
					$1 \times 33 \times 30 \times 0.75 = 3712.50 \text{ m}^2$
					$1 \times 1 \times 10 \times 0.75 = 37.50 \text{ m}^2$
					$1 \times 33 \times 30 \times 0.75 = 3712.50 \text{ m}^2$
					$1 \times 1 \times 10 \times 0.75 = 37.50 \text{ m}^2$
					$1 \times 26 \times 30 \times 0.75 = 2925 \text{ m}^2$
extruding					$14 \times 18 \times 0.95 = 239.40 \text{ m}^2$
					$10 \times 22 \times 0.92 = 202.40 \text{ m}^2$
					$16 \times 16 \times 1.00 = 256.00$
					$15 \times 20 \times 1.05 = 315.00$
					12101.60 m^2
9. <u>Pramid term Dense</u> <u>Bottom Concrete</u>					
					Area of = Area of
					Tack Coat
					Qty = Area of Tack Coat $\times 0.025$
					$= 12101.60 \times 0.025$
					$= 302.54 \text{ m}^2$
10. <u>Pramid Construction</u>					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
7. ungrain from cc					
8. v. over					
		$5 \times 30.47 \times 3.05 + 0.17 = 45.75$			
9. board		$1 \times 10 \times 10 + 0.5 \times 0.12 = 0.50$			
					46.25
Limit		46.24 m ²			
11. Board S/F/R km 8m					
Board					
		4 N/S			
12 S/F/R 200 m Stone Board					
		12 N/S			
13. S/F/R Place Board					
Board					
		$2 \times 1.2 \times 0.8 = 1.92$ m ²			
14. S/F/R 600 mm epidural					
Trapular Board					
		12 N/S			
15. S/F/R Band poly					
		28 N/S			
16 S/F/R 600 mm epidural					

Continuation

- Board — 06 N/S
 (ii) 600 mm x 450 mm — 03 N/S
 (iii) 900 mm octagonal — 02 N/S

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16. Planting of Trees					
		16 Nos			
17. Road marking with hot applied thermos Compound					
BT Potholes					
	27	92	30.40	70.1	552.40 m ²
	27	14	20.40	70.1	4.20 m ²
					556.60 m ²
CC Potholes					
	27	5	30.40	70.1	30.00 m ²
18. SIF/12 information board with logo & maintenance board of open drain policy					
		03 Nos			
19. Repair of parapet wall					
	672	6.00	0.40	6.00	43.20 m ²
Continuation					
	672	6.00	0.40	6.00	17.28 m ²

Sch. XLV—Form No. 134

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

20 Pondip ch m m (1.5)

$$6 \times 6 \times 4 \times 0.6 = 86.40 \text{ m}^2$$

$$6 \times 6 \times 2 \times 0.4 = 28.80 \text{ m}^2$$

$$\text{Top } 6 \times 4 \times 0.6 \times 0.4 = 5.76 \text{ m}^2$$

$$120.96 \text{ m}^2$$

21. Fairly two coats of

new surface

$$6 \times 6 \times 4 \times 0.6 \times 2$$

Area is as

item no. (20)

$$120.96 \text{ m}^2$$

$$120.96 \text{ m}^2$$

10.65.22
JE

Continuation

ABSTRACT OF COST

17

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
1. Pavedip chains and grubbing of area land					
VT-MRP (2)					
1.06 Hect (Cy 49464.05/m ²) H 52032.00					
2. Construction of Subgrade					
2. Construction of Subgrade					
VT-MRP (3)					
2382.00 m ² (Cy 181.11/m ²) H 471404.00					
3. Construction of granular					
sub-base (600 ft)					
VT-MRP (4)					
89.62 m ² (Cy 1536.98/m ²) H 137794.00					
4. Pavedip laying spread					
and Compaction 6000 ft					
VT-MRP (5)					
88.75 m ² (Cy 2770.80/m ²) H 245909.00					
5. Pavedip laying spread					
and Compaction 48300 ft					
VT-MRP (11)					
137.02 m ² (Cy 2401.26/m ²) H 329013.00					
					H 1196502.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
6. <u>Priming and applying</u>					
6. <u>Prime Coat</u>					
<u>VTMP (11)</u>					
<u>663.80 m² @ Rs 41.71/m² =</u>					<u>21431.00</u>
<u>513.80</u>					
7. <u>Priming and applying</u>					
7. <u>Tack Coat VTMP (12)</u>					
<u>12101.60 m² @ Rs 14.27/m² =</u>					<u>172689.00</u>
8. <u>Priming and applying</u>					
8. <u>laying and compaction</u>					
<u>total work done Rs 172689.00</u>					<u>8</u>
<u>VTMP (12)</u>					
<u>663.80 m² @ Rs 198.15/m² =</u>					<u>131532.00</u>
9. <u>Priming and laying sand</u>					
9. <u>on per SPD</u>					
<u>VTMP (12)</u>					
<u>302.54 m² @ Rs 9376.15/m² =</u>					<u>2897168.00</u>
10. <u>Construction of untraced</u>					
10. <u>forward of pavement</u>					
<u>VTMP (13)</u>					
<u>46.24 m² @ Rs 6080.50/m² =</u>					<u>280980.00</u>
11. <u>S/P/R ordinary km</u>					
12. <u>Continuation</u>					<u>Rs 47,00,502.00</u>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10m Stone Poth					
VTMP (13)					
04 QRS 2003.87 Each					RS 8015.2
12 SIP/R 200m Stone Poth					
13 VTMP (13)					
12 NS QRS 578.60/each					RS 6943.2
13 SIP/R Drinking R					
14 place Board					
VTMP (13)					
1.92 m ² QRS 1278548 Each					RS 23588.2
14 SIP/R 600 mm square					
15 Rectangular Tarpaulin					
1 Board					
VTMP (13)					
12.20 NS 3546.09 Each					RS 54553.2
15 SIP/R 600 mm Circular					
16 Board					
VTMP (13)					
06 NS QRS 3679.81 Each					RS 22079.2
16 SIP/R 600 mm x 4500 mm					
17 Rectangular Board					
VTMP (13)					
03 NS QRS 3549.90 Each					RS 10648.2

Continuation

RS 48,26,128.2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17 S/P 12 900 mm sola					
18 front board					
VTMP (13)					
02 ND Cms 7582.12 Each 18					15169.2
19 S/P 12 Boundary pillar					
19 VTMP (13)					
28 NW Cms 503.84 Each 18					14108.2
19 plank of 70x					
24 VTMP (14)					
16 NW Cms 798.20 x 307.4					3831.2
20 Road marking					
22 with hot applied					
thermo plastic compound					
VTMP (14)					
556.00 m ² CM 882.99/m ²					487410.2
21 Road marking with					
23 hot applied thermo					
plastic compound etc.					
VTMP (14)					
30.00 m ² CM 968.17 Each 18					29045.2
22 S/P 12 Typical infor					
24 main board					
Continuation					53,756.86

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
VTMP (14)					
03 N3 CAS 9346.28					28039.00
23 Pradip 100 A/B in (1.3)					
25					
anchafrch					
VTMP (14)					
17.28 m ² CAS 6189.84					1,06,960.00
24 Pradip 4 m in (1.9)					
26					
VTMP (15)					
120.96 m ² CAS 15347/1072					18564.00
25 Pradip two cars					
27					
VTMP (15)					
120.96 CAS 9563/m ²					11567.00
					RS 5540816.00
Add 11. labor cas					+ RS 55408.00
Add 12% GST					+ RS 6,64898.00
					RS 62,61,122.00
less 0.00% Betw					0.00
					RS 62,61,122.00
16.11.22					
19.11.22					
21.11.22					

Continuation