

MB No-927

Schedule XLV-Form No. 134

Boretoni 11/14 106 to Clerk Hyslop
DIVISION

SUB-DIVISION

Block-Verfahren

Measurement Book

H. S. Mehra

1st on A/C 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.	
Work:- Const. of Road from					
Barateai NH-106 to					
Chakfajala under MR					
3054					
Agency:- H.S. Mehta Infra Pvt. Ltd.					
Chitrawan Road Chhatta					
Bazar Purnea.					
Aggr. No. - 09MOD/2021-22					
Date of Start - 12.04.2021					
Date of Completion - 11.09.2022					

① Clearing and grubbing

road land by manual

meas - - - - -

2 x 30 x 30.50 x 1.50	1850.00 m ²
2 x 30 x 30.50 x 1.50	1850.00 m ²
2 x 30 x 30.50 x 1.50	1850.00 m ²
2 x 30 x 30.50 x 1.50	1850.00 m ²
2 x 10 x 30.50 x 1.50	650.50 m ²
2 x 5 x 30.50 x 1.50	350.50 m ²
2 x 4 x 25.50 x 1.50	200.00 m ²
	8300.00 m ²

Continuation 0.83 Hect

Pawar
10/09/2021
JK

46
25/02/22
ABZ

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② Construction of G.S.B by providing well graded material for gr. P. - - - - -					
(1) 0.50 TO 1.50 km					
5x	4.88x	1.15x	0.175-	4.025 m ³	
3x	2.40x	0.95x	0.175-	1.197 m ³	
1x	0.80x	0.50x	0.175-	0.070 m ³	
3x	2.40x	1.00x	0.175-	0.126 m ³	
7x	4.80x	0.90x	0.175-	5.292 m ³	
2x	1.60x	1.10x	0.175-	0.616 m ³	
8x	6.40x	0.90x	0.175-	8.064 m ³	
3x	2.40x	0.85x	0.175-	1.071 m ³	
1x	3.40x	1.10x	0.175-	0.6545 m ³	
9x	4.80x	1.15x	0.175-	8.694 m ³	
(2) 1.50 km TO 2.00 km					
1x	0.80x	1.10x	0.175-	0.154 m ³	
4x	3.20x	1.20x	0.175-	2.688 m ³	
5x	4.00x	0.80x	0.175-	2.800 m ³	
2x	1.60x	0.90x	0.175-	0.504 m ³	
9x	7.20x	1.15x	0.175-	13.841 m ³	
3x	2.40x	0.90x	0.175-	1.134 m ³	
7x	5.60x	0.80x	0.175-	5.488 m ³	
Continuation					55.6185 m ³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					55.6185 m ³
	4	3.20	1.05	0.175	2.352 m ³
	5	4.00	0.90	0.175	3.150 m ³
	2	1.60	0.70	0.175	0.392 m ³
(3) 2.50 km to 3.00 km					
	6	4.80	1.00	0.175	5.040 m ³
	5	3.60	0.90	0.175	2.3625 m ³
	4	4.00	1.00	0.175	2.800 m ³
	3	2.40	0.80	0.175	1.008 m ³
	8	5.60	1.15	0.175	8.050 m ³
	4	3.20	0.90	0.175	2.016 m ³
	7	3.60	1.10	0.175	4.851 m ³
	3	2.40	0.80	0.175	1.008 m ³
(4) 3.00 km to 4.00 km					
	2	2.70	1.00	0.175	0.945 m ³
	5	4.00	1.50	0.175	5.250 m ³
	9	5.60	1.90	0.175	16.758 m ³
	3	2.40	1.60	0.175	2.016 m ³
	5	3.90	1.30	0.175	4.4362 m ³
	3	4.10	1.50	0.175	3.2287 m ³
	3	6.70	1.70	0.175	5.9797 m ³
	6	3.20	1.20	0.175	4.032 m ³
	4	8.20	1.50	0.175	8.61 m ³
	2	3.20	1.20	0.175	1.344 m ³
					141.2476 m ³

Continuation

1992
10/22
21/16

25/02/22

③ Providing, Laying, Spreading and compacting stone aggregate of WBM-2

① 0.50 km TO 1.00 km

$$5 \times 5.70 \times 1.60 \times 0.078 = 3.62 \text{ m}$$
$$3 \times 3.60 \times 1.40 \times 0.075 = 1.071 \text{ m}^3$$
$$1 \times 1.10 \times 0.70 \times 0.675 = 0.05775 \text{ m}^3$$
$$3 \times 3.40 \times 1.60 \times 0.075 = 1.071 \text{ m}^3$$
$$7 \times 6.90 \times 1.30 \times 0.075 = 4.70925 \text{ m}^3$$
$$2 \times 2.30 \times 1.60 \times 0.075 = 0.552 \text{ m}^3$$
$$8 \times 9.20 \times 1.30 \times 0.075 = 7.176 \text{ m}^3$$

Continuation
3 x 3.40 x 1.20 x 0.075 = 0.918 m³

$$1 \times 4.90 \times 1.60 \times 0.075 = 0.588 \text{ m}^3$$
$$9 \times 6.90 \times 1.60 \times 0.075 = 7.452 \text{ m}^3$$
$$27.015 \text{ m}^3$$

Sch. XLV-Form No. 134 Af 27.815 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 2.00 km TO 2.0 km					
1x	1.10x	1.60x	0.075	0.	132 m ³
4x	4.50x	1.70x	0.075	2.	295 m ³
5x	5.70x	1.10x	0.075	2.	35125 m ³
2x	2.30x	1.30x	0.075	0.	4485 m ³
9x	10.20x	1.60x	0.075	11.	016 m ³
3x	3.40x	1.30x	0.075	0.	9945 m ³
7x	8.00x	1.10x	0.075	4.	62 m ³
4x	4.50x	1.50x	0.075	2.	028 m ³
5x	5.70x	1.30x	0.075	2.	77875 m ³
2x	2.30x	1.00x	0.075	0.	345 m ³
(iii) 2.10 km TO 3.10 km					
6x	6.80x	1.40x	0.075	4.	284 m ³
5x	4.20x	1.30x	0.075	2.	0075 m ³
4x	5.60x	1.40x	0.075	2.	352 m ³
3x	3.40x	1.10x	0.075	0.	8415 m ³
8x	7.10x	1.60x	0.075	6.	816 m ³
4x	4.50x	1.30x	0.075	1.	755 m ³
7x	5.10x	1.60x	0.075	4.	284 m ³
3x	3.40x	1.10x	0.075	0.	8415 m ³
(iv) 3.10 km TO 4.00 km					
9x	7.60x	1.00x	0.075	5.	130 m ³
8x	5.90x	1.50x	0.075	5.	310 m ³
9x	7.70x	1.90x	0.075	9.	87525 m ³
Continuation					
6x	5.00x	1.60x	0.075	3.	60 m ³
5x	5.40x	1.30x	0.075	2.	6325 m ³
3x	5.70x	1.50x	0.075	1.	92375 m ³
					105.71525 m ³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				105.	71525 m ³
3 x 9.20 x 1.70 x 0.075					3.519 m ³
6 x 4.40 x 1.20 x 0.075					2.376 m ³
4 x 11.30 x 1.50 x 0.075					5.085 m ³
2 x 4.40 x 1.20 x 0.075					0.792 m ³
(V) 4.00 km TO 4.150 km					
6 x 6.40 x 1.15 x 0.075					3.312 m ³
9 x 3.80 x 0.60 x 0.075					1.539 m ³
				122.	33828 m ³
Total 09/02/22 JK 46 25/02/22 AB					

④ Providing, Laying, spreading
and Compaction Stone
aggregate WBM-3 - -
- - - - - Sur!

(1) 0.00 km TO 1.00 km

5 x 7.40 x 2.10 x 0.075 = 5.8275 m³

3 x 5.60 x 1.20 x 0.075 = 1.512 m³

1 x 1.40 x 0.90 x 0.075 = 0.0945 m³

3 x 6.60 x 1.60 x 0.075 = 2.160 m³

7 x 10.00 x 1.80 x 0.075 = 9.45 m³

2 x 3.00 x 2.10 x 0.075 = 0.945 m³

8 x 12.00 x 1.70 x 0.075 = 12.24 m³

Continuation

32.229 m³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					32.229 m ³
3x 4.40x 1.60x 0.075					1.584 m ³
1x 6.40x 2.10x 0.075					1.008 m ³
9x 9.00x 2.10x 0.075					12.7575 m ³
(ii) 1.00 km TO 2.00 km					6.2205 m³
1x 1.40x 2.10x 0.075					0.2205 m ³
4x 5.90x 2.20x 0.075					3.894 m ³
5x 7.50x 1.40x 0.075					3.9375 m ³
2x 14.00x 0.90x 0.075					1.89 m ³
9x 13.40x 2.10x 0.075					18.9945 m ³
3x 4.50x 1.70x 0.075					1.72125 m ³
7x 10.50x 2.40 1.40x 0.075					7.7175 m ³
4x 5.90x 2.00x 0.075					3.540 m ³
5x 7.50x 1.70x 0.075					4.78125 m ³
2x 3.00x 1.30x 0.075					0.585 m ³
(iii) 2.00 km TO 3.00 km					
6x 6.80x 1.90x 0.075					5.814 m ³
5x 4.20x 1.70x 0.075					2.6775 m ³
4x 5.60x 1.90x 0.075					3.192 m ³
3x 3.40x 1.50x 0.075					1.1475 m ³
8x 7.10x 2.10x 0.075					8.945 m ³
4x 6.00x 1.70x 0.075					3.060 m ³
7x 5.10x 2.10x 0.075					5.62275 m ³
6x 3.40x 1.50x 0.075					2.295 m ³
					127.92375 m ³

Continuation

Continuation

Continuation

⑧ Providing and laying
Semi-Dense bituminous
concrete - - - - - 412

$$10 \times 30.51 \times 3.75 = 1125.0 \text{ m}^2$$
$$10 \times 30.88 \times 3.75 = 1125. \text{ W m}^2$$
$$5 \times 30.10 \times 3.75 = 562.50 \text{ m}^2$$
$$5 \times 30.50 \times 9.75 = 542.50 \text{ m}^2$$
$$5 \times 30, 0 \times 3.75 = 562.50 \text{ m}^2$$
$$5 \times 30.58 \times 3.75 = 562.50 \text{ m}^2$$
$$15 \times 30.00 \times 3.75 = 1687.50 \text{ m}^2$$
$$10 \times 30.10 \times 3.75 = 1125 \text{ Wm}^2$$

10 x 30.50 x 3.75 = 1125. w m²

Continuation

8437.50 m²

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					8037.50 m ²
20 x 30.00 x 3.75					2250.00 m ²
10 x 30.00 x 3.75					1125.00 m ²
5 x 30.00 x 3.75					562.50 m ²
5 x 30.00 x 3.75					562.50 m ²
10 x 30.00 x 3.75					1125.00 m ²
10 x 30.00 x 3.75					1125.00 m ²
2 x 30.00 x 3.75					225.00 m ²
1 x 5.00 x 3.75					18.75 m ²
					15431.25 m ²
					15431.25 @ 0.025 = 385.78 m ³

~~19/03/22~~
~~24/03/22~~
~~AB~~

14/3
 24/03/22
 AB

⑨ Providing and erecting
 a "W" metal beam
 Crash barrier - - -
 - - - - - 12

8 x 20.00 = 160.00 m²

⑩ Direction and place
 Identification sign - -

Continuation

4 x 1.20 x 0.80 = 3.84 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑪ Providing and fixing of retro-reflectised Cautionary, mandatory and Informatory signs ----- left					
(i) 600mm $\triangle$ —					32.50 Nos
(ii) 600mm $\bigcirc$ —					4.50 Nos
(iii) 600mm X 450mm $\square$ —					4.50 Nos
(iv) 900mm Side Octagon —					1.50 Nos
⑫ Providing and fixing M.S.R. Informatory sign board ----- left					
					4.00 Nos
19/03/22 28/16 46 28/03/22 AB					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
WORK: Const. of Road from					
Baratani NH-106					
to Chakfatale					
under MR (3054)					
Agency: H.S. Mehta Infra					
Pvt. Ltd. Pune					
Appr. No- 09 NBS/2021-22					
Date of Est - 12.04.2021					
Date of Comp - 11.04.2022					
ABSTRACT OF COST					
① Clearing and grubbing					
road land by manual					
means - - - - - 12					
V.M.B.P. of Qty 0.83 Hect					
@ Rs 51133 = 76/Hect - Rs 42441.502					
② Const. of G.C.B. by					
providing well graded					
material for gr-12					
- - - - - 12					
V.M.B.P. of Qty 152.5666 m ³					
@ Rs 2178 = 89/m ³ - Rs 332425.87					
Continuation 374866 = 85					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	BR				Rs 374866 = 02
③ Providing, Laying & spreading and Compacting stone aggregate WBM-2 --					
-- -- -- 612					
Vm BP-6 Qty 122.33825 m ³					
@ Rs 3997 = 171/m ³ — Rs 481666 = 48					
④ Providing laying spreading and Compacting stone aggregate WBM-3 --					
-- -- -- 612					
Vm BP-8 Qty 180.64 m ³					
@ Rs 3642 = 54/m ³ — Rs 652569 = 22					
⑤ Providing and applying Primer Coat with Bitumen emulsion (SS-1) -- -- 612					
Vm BP-9 Qty 2408.59 m ²					
@ Rs 44 = 85/m ² — Rs 108025 = 26					
⑥ Providing laying and rolling of mix seal Surface -- -- 612					
Vm BP-11 Qty 2408 = 59 m ²					
@ Rs 207 = 48/m ² — Rs 499734 = 25					

Continuation 2116861 = 23

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					2116261 = 23
⑦ Providing and applying Tack Coat with Bitumen emulsion (Rs-1) - - - - - - - Cell 2					
VTMBP-10 Qty 14839.80 m ²					
@ Rs 1528/m ² - - - - -					Rs 2272057 = 56
⑧ Providing and laying Semi dense bituminous Concrete - - - - - Cell 1					
VTMBP-12 Qty 385.78 m ²					
@ Rs 10597.56/m ² - - - - -					Rs 4088326 = 69
⑨ Providing and erecting A, "W" metal beam Crash barrier - - - - - - - - Cell 1					
VTMBP-12 Qty 160.20 m					
@ Rs 2479.18/m - - - - -					Rs 396668 = 80
⑩ Retro-reflectivised Plate & Traffic Signs - - - - - Cell 2					
VTMBP-12 Qty 3.84 m ²					
@ Rs 12278.05/m ² - - - - -					Rs 47147 = 71

Continuation 6921061 = 99

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					6921861=99
(11) Providing and fixing of recto-reflectorised Alace board - - - 4.12					
MTM 1312 - 13					
(i) 600mm Δ = 32.00 NTS					
@ Rs 3599 = 37/each - Rs 115179 = 84					
(ii) 600mm $\square$ = 4.00 NTS					
@ Rs 3695 = 91/each - Rs 14783 = 64					
(iii) 600x450mm $\square$ = 4.00 NTS					
@ Rs 3566 = 79/each - Rs 14267 = 16					
(iv) 900mm Octagone = 1.00 NTS					
@ Rs 7559 = 59/each - Rs 7559 = 59					
(12) Providing and fixing MR (3054) Project Signs board - - - 4.11					
MTM 1312 - 13 8.12 4.00 NTS					
@ Rs 9367 = 37/each - Rs 37469 = 45					
					711032 = 64
Add GST @ 12% - - - Rs 853238 = 60					
Add L. Cells @ 1% - - - Rs 71103 = 24					
					8034663 = 48
Less bellow @ 0.2% - - - Rs 16872 = 79					
					8017790 = 69
Bay Continuation					8017791 = 50

Per
09/09/22
4K

YK
09/09/22
A.E.

Thurman
09/09/22

C&P
14.09.22

Attachment No 10606169, Dt- 5/8/22

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Material Statement					
S/ata & chips					Roy
6757				568.613 m ³	82292
57 L/screaming				89.433 m ³	12.665
468 Binding				9.787 m ³	1468
7 L/sand				77.809 m ³	5836
329					102261
Emulsion (ss-1) 2.007 MT					
n (RS-1) - 4905 m ³					
T/E Granted by EE RW & up to 31 May 2022					
181 22 28/1/22 ✓					
up to 31 May 2022					

Memo of payment
Rs. 8017791 = 00

1. SD - 5%				400890 = 00
2. S. tax 2%				160356
3. L. cess 1%				80178
4. CGST 1%				80178
5. SGST 1%				80178
6. SF				45,329
7. Roy	102261	5836		102261 = 00
8. BYCFMS	7164846	6906842		7068421
9. Total				8017791 = 00

Passed for Rs. 8017791 = 00
Eighty Lakh Seventeen
thousand Seven hundred

ninety one only

Continuation

14/09/22

Atk E.C
14/9/22

14.09.22