

MR-N/19-20/Lakhigraji/06 (Surajgarha.)

MR. New Maint. Policy - 2018

Schedule XLV-Form No. 134

To 2 to Ghoghhi Korad

M/s Satyendra Kr. & Co. Const. Pvt. Division

Date of Start. 5-08-2020

Date of Comp. 25-05-2021 SUB-DIVISION

Agg No - 19/MBD/2020-21

MEASUREMENT BOOK

M.B.No. 644

C/c - 130

17/27/2021

Start - 40.55

31/05/2021 14.53259

End - 11.74310

4050 M

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 - M/R 4/19-20 Lakhisar

of Block in Surajgarh

in Lakhisar Der

Top to Ghaghi Korasi

By - M/S Satyendra

& CO Chandigarh / Litd

Estimator & Contractor for Total

work of Exhibition Road

of No. 19 M/R 4/20-24

2nd 5/5/2020

Comp. 25.5.2024

(120x6.6)

Record ends

(1) chip and Gravel Road Comp

By manual Mang

$$2 \times 135 \times 30 \text{ m} \times 50 \text{ m} = 4050 \text{ m}^3$$

$$= 41 \text{ Hec}$$

2. Comp of surface of road

$$2 \times 65 \times 20 \text{ m} \times 5 \times 30 \text{ m} = 390 \text{ m}^3$$

$$2 \times 137 \times 20 \times 0.75 \times 30 \text{ m} = 1233$$

$$1623 \text{ m}^3$$

Continuation

Continuation

certification: 10/7/13

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					46.708
		6	1.60	1.5	1.44
		8	1.90	1.5	2.28
		5	1.50	1.5	1.134
		7	1.90	1.5	2.40
		6	2.20	1.5	1.98

30/04/21
J.E

55.614

20.4.21

For laying of stone capacity
W.M. & Oak stone

5m x 1.80 x 0.75 = .68

4m x 1.30 x 0.75 = .394

3m x 1.40 x 0.75 = .324

2m x 1.20 x 0.75 = .514

7m x 1.10 x 0.75 = .534

5m x 1.90 x 0.75 = .344

6m x 1.10 x 0.75 = .904

5m x 1.20 x 0.75 = .454

4m x 1.30 x 0.75 = .39

5m x 1.90 x 0.75 = .714

3m x 1.90 x 0.75 = .434

2m x 1.60 x 0.75 = .244

4m x 2.20 x 0.75 = .664

3m x 1.40 x 0.75 = .324

4m x 1.80 x 0.75 = .544

6m x 2.10 x 0.75 = .954

2m x 2.30 x 0.75 = .854

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		5m x 2.10 x 0.75			.794
		8m x 2m x 0.75			.454
		6m x 1.60 x 0.75			.724
		4m x 1.8m x 0.75			.544
		3m x 1.90 x 0.75			.434
		4m x 2.80 x 0.75			.694
		3m x 2.10 x 0.75			.474
		7 x 2.10 x 0.75			1.37
		6m x 2.50 x 0.75			1.13
		7m x 2.40 x 0.75			1.269
		6m x 1.50 x 0.75			.68
		7m x 1.50 x 0.75			.794
		8 x 1.60 x 0.75			.96
		9m x 1.80 x 0.75			1.22
		10m x 1.90 x 0.75			1.434
		6m x 1.50 x 0.75			.684
		7 x 1.50 x 0.75			.794
		8 x 1.60 x 0.75			.964
		9 x 1.80 x 0.75			1.224
		10 x 1.90 x 0.75			1.434
		7 x 1.80 x 0.75			.95
		9 x 1.50 x 0.75			1.014
		6 x 1.70 x 0.75			.774
		8 x 2 x 0.75			1.20
		5 x 1.60 x 0.75			.604
		7 x 2m x 0.75			1.05
		6 x 2.30 x 0.75			1.04

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		74	1.70	0.73	1.094
		6m	1.80	0.75	1.010
		4m	1.90	0.73	1.574
		6m	2.20	0.75	1.904
		7m	2.10	0.75	1.104
		6m	1.70	0.75	1.774
		13m	1.90	0.75	1.854
		11m	1.80	0.73	1.494
		10m	2.10	0.73	1.584
		13m	1.90	0.73	1.854
		11m	1.80	0.75	1.494
		10m	2.05	0.73	1.844
		13m	2.10	0.75	2.554
		11m	1.80	0.75	1.494
		9m	1.20	0.73	1.014
		10m	1.40	0.75	1.054
		6m	1.70	0.73	1.774
		8m	1.60	0.73	1.964
		16m	1.90	0.73	1.434
		7m	1.50	0.73	1.794
		9m	1.70	0.73	1.154
		8m	1.80	0.73	1.754
					6.404
25/04/2021 S.E.					
25-4-21					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
25.5 p/v last 8 ft on Cylindrical					
1.6 m x 1.90 x 0.75					1.714
4 m x 1.40 x 0.75					1.428
3 m x 1.50 x 0.75					1.344
6 m x 1.30 x 0.75					1.596
7 x 1.10 x 0.75					1.58
5 m x 1.20 x 0.75					1.350
6 m x 1.020 x 0.75					1.54
5 m x 1.20 x 0.75					1.494
4 m x 1.40 x 0.75					1.428
5 x 2 m x 0.75					1.750
3 m x 2 m x 0.75					1.454
2 x 1.70 x 0.75					1.264
4 x 2.30 x 0.75					1.694
3 x 1.50 x 0.75					1.344
4 x 1.90 x 0.75					1.57
6 x 2.20 x 0.75					1.994
2 x 2.40 x 0.75					1.364
5 x 2.20 x 0.75					1.834
3 x 2.10 x 0.75					1.474
6 x 1.70 x 0.75					1.774
4 x 1.90 x 0.75					1.574
3 x 2 m x 0.75					1.454
4 x 2.40 x 0.75					1.724
3 x 2.20 x 0.75					1.50

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		74	2.70	$\times 0.75$	1.429
		64	2.40	$\times 0.75$	1.17
		74	2.50	$\times 0.75$	1.314
		64	1.60	$\times 0.75$	.729
		74	1.60	$\times 0.75$	.849
		84	1.70	$\times 0.75$	1.029
		94	1.90	$\times 0.75$	1.284
		104	2.00	$\times 0.75$	1.501
		64	1.60	$\times 0.75$	.729
		74	1.60	$\times 0.75$	.849
		84	1.70	$\times 0.75$	1.029
		94	1.90	$\times 0.75$	1.284
		104	2.00	$\times 0.75$	1.501
		74	1.90	$\times 0.75$	1.14
		94	1.60	$\times 0.75$	1.08
		64	1.80	$\times 0.75$	.81
		84	2.10	$\times 0.75$	1.260
		54	1.70	$\times 0.75$	.643
		74	2.10	$\times 0.75$	1.164
		64	2.40	$\times 0.75$	1.08
		74	1.80	$\times 0.75$	.954
		64	1.90	$\times 0.75$	.86
		44	2.00	$\times 0.75$	.60
		64	2.10	$\times 0.75$	.954
		74	2.20	$\times 0.75$	1.16
		64	1.80	$\times 0.75$	.81
		134	2.00	$\times 0.75$	1.95

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		11	1.90	0.075	1.57
		8	1.70	0.075	1.02
		9	2.30	0.075	1.55
		10	2.20	0.075	1.65
		13	2.00	0.075	1.95
		11	1.90	0.075	1.57
		16	2.15	0.075	1.64
		17	2.20	0.075	2.15
		11	1.90	0.075	1.57
		9	1.80	0.075	1.88
		10	1.50	0.075	1.13
		6	1.00	0.075	1.81
		8	1.70	0.075	1.02
		10	2.00	0.075	1.50
		7	1.60	0.075	1.84
		9	1.80	0.075	1.22
		8	1.40	0.075	1.84
		12	1.70	0.075	1.53
		13	2.00	0.075	1.95
		11	1.90	0.075	1.57
		14	2.00	0.075	2.10
		12	2.10	0.075	1.89
		13	2.20	0.075	2.15
		14	2.40	0.075	2.52
		12	1.90	0.075	1.71
		15	1.80	0.075	2.03
		13	1.70	0.075	1.66

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$12 \times 2.10 \times 0.75 = 1.89$
					$15 \times 2.40 \times 0.75 = 2.70$
					$16 \times 2.20 \times 0.75 = 2.64$
					$14 \times 2.30 \times 0.75 = 2.42$
					$13 \times 2.20 \times 0.75 = 2.15$
					$14 \times 2.40 \times 0.75 = 2.52$
					$12 \times 1.90 \times 0.75 = 1.71$
					$15 \times 1.80 \times 0.75 = 2.03$
					$13 \times 1.70 \times 0.75 = 1.66$
<u>Pk</u> 20/04/2021 J.E					<u>103.67</u>
20.4.21					u

PAI Poin CA 541 1382

21/5/21 $103.67 \text{ m}^3 \times 10.75 = 1382.26 \text{ m}^3$

Tack on $1382.20 + 2 \times 26 \times 3.75 = 195$

patch hole on NW 1/4

on surface of 4th and

existing C/P power

$= 1382.20 \text{ m}^3$

$2 \times 26 \text{ m} \times 3.75 = 195 \text{ m}^3$

Pk
21/05/2021
J.E 1577.20 m^3

3/5/21

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
P/V Tack of RSI area					
P/V Scaffolding work					
P/V Tack of RSI area					
P/V Scaffolding work					
P/V Tack of RSI area					
P/V Scaffolding work					
P/V Tack of RSI area					
P/V Scaffolding work					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
PW Sprinkle Right Curb					
$\frac{P_k}{08/05/2021}$ 3'E					$50 \times 20m \times 3.75 \times 0.25 = 93.75$ 1
7.5.21					
PW Top of RYA					
					$5 \times 10m \times 3.75 = 187.50$
$\frac{P_k}{08/05/2021}$ 3'E					$25 \times 8 \times 10m \times .75 = 151.88m$ 339.38m
8.5.21					
PW Sprinkle Right Curb					
					$5 \times 10m \times 3.75 \times 0.25 = 4.69m$
					$25 \times 8 \times 10 \times .75 \times 0.25 = 30.72m$
$\frac{P_k}{08/05/2021}$ 3'E					8.48m
8.5.21					
2 nd PW Road Marking					
					$2 \times 202 \times 20m \times .10 = 808m$ $2 \times 10m \times .104 = 2m$ 810m
$\frac{P_k}{14/05/2021}$ 3'E					
10.5.21					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
205	P/W	P/W	Maku Bud		
			2 N 13		
205	P/P/P	1 cm sh			
		4 x 11			
205	P/P/P	200m Bud			
		17 N 13			
205	P/P/P	200m Bud			
		2 x 1.20m x 20: 1-92			
205	P/W	Rect each pw			
		Total 89m			
	i)	600m - 89m = 17K1			
	ii)	600m each = 8K1			
	iii)	600 x 450m each = 3K0			
	iv)	900m Octagon - 2K1			
Bundy pw	9m pw				
		40 K15			
205	Plant of tree at Ltm Mhu 1/2				
		2750M			
		100			
		28M5			

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Blk Ccs (1.3) Pm					
2x6m x 40x60 = 2.88					
					2.88x24 = 5.76
Plots Cc (1.14)					
1x6m x 60 = 1.44					
2x6m x 40 = 4.80					
4x40x60 = 9.6					
					20.16x2 = 40.32
3- Paddy front row					
4x6m x 60 = 9.6					
2x4m x 60 = 4.8					
					4x40x60 = 9.6
					58.56x2 = 117.12
					117.12
Plot 5					157.720
					12/5/24
					Sub
					20.5.21
					J.E
					Sr 102
					20/06/21
					AE

15

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/Ws- M/R 19/20 Lakhsan					
of Block in Surjgarh					
in Lakhsan Dist					
To 2 to Ghoghi Korasi					
A/S 1/15 Satyandhakum					
and co Corbela (P) Ltd					
Engr and Contractor (G) Tara					
to W-6 Exhibits Raw Pch					
Agm - 19 May 2020-21					
Date 5/5/20					
Cup 25.5-21 Agm Ag					
. 25/5/20					

1) Chip and Grubbing					
TMS P1 = 14/120					
C 49464.05/11 = 20200					
2. Costing engine					
and sh-sa					
P1 = 162340					
C 18111/15 = 29392					
3. Costing engine					
Cup on am					
P4 = 55.61 M					
C 1515.18/15 = 83703					
4. Poles and WAM					
P6 = 6140 M					
C 2739.96/15 = 168234					
C 2739.96/15					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					586159
5. PH lay 7 sq. cup 10000					
ash sh					
P10 = 108.67 m					242450
C 2338.78%					
6. PH Pri 8 551					
ash					
P10 = 1382.20 m					
C 41.60%					57506
7. PH 112 580 m					
1125 ad 580 m					
PCC					

$P_{10} = 1577,20 \text{ m} = 316481$
 $\text{Q } 200,60 \text{ m}$
 8. PN Tank on car.
 Stop.
 $P_{11} = 3750 \text{ m}$
 $P_{11} = 3750 \text{ m}$
 $P_{11} = 3750 \text{ m}$
 $P_{11} = 3750$
 $P_{12} = 339,38 \text{ m}$
 $15339,38 \text{ m}$
 $P_{10} = 1577,20$
 $16916,58 \text{ m} = 240892$
 $\text{L } 14,24 \text{ m}$

11234820

$50 \times 50 =$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14) P/P/F 600 mm					5825510
Circular Area					
8 No C 37.87					30063
15. P/P/F 600 x 450 mm					
Circular Area					
3 No C 3622.92					10869
16. P/P/F 900 mm					
90 mm					
2 No C 7796.14					15592
17. P/P/F Round					
P/W					
40 No C 509.84					20393
21. P/P/F Mant					

	1200				
	2 No C 8844.76				17690
22. P/W C 113					
90					
814 - 5.764					33246
C 5731.95					
23. P/W C 114					
814 - 40.32					6300
C 158.246					
24. Pumping two 0020					
500					
814	117.12				11091
C 94.706					

5970 834

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					5970834-
M lands					59708-
12% GST =					716500-
					6747042
20%					(-)/13494-
					<u>R/- 6733548=-</u>
C&D / 					# ch/ 20.5.21 J.E
Puro. For Mr 20/06/21 A.F					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$EW = 1623m$					
$GSB = 55.614 \times 1768 = 42.70m^3$					
$Licw 50 \times 512 = 28.42m$					
$MSH - 6140 \times 124 = 74.29m$					
$\text{sur} \begin{matrix} 63m \\ 127 \end{matrix} = 16.57$					
$\text{from} = 1.08 = 90.86m$					
$MSH - 103.67 \times 124 = 4.91m^3$					
$53.22 \times 24 = 125.44m$					
$\text{sur} = 24.88$					
$MSH = 150.32m$					
$MSH = 155.72m$					
$\text{sur} = 1.027 = 44.04m$					

$$3DBL - 383.48 \times 0.676 = 258.54$$

$$Bw(1.3) 5.76 \quad Bw 2880$$

$$SW \times 25 = 1.44$$

$$Plw(1.4) 40.32m \times 103 = 4120$$

$$Bw(1.5) 1557.20 \times 1.9$$

$$GSB = 42.70m$$

$$MSH = 90.86m$$

$$\text{from} = 1.08$$

$$MSH = 150.32m$$

1st A/c raised

Amount as per

21 Rs- 27,03,939.00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S.O @ 8% -	21	68	15	07	
J.T. @ 2% -		54	07	90	
L.O @ 1% -		27	03	90	
cGST @ 1% -		27	03	90	4791050
sGST @ 1% -		27	03	90	
Royalty -		87	03	50	
S.F. -		40	55	90	
Net Pay -		22	24	8340	
Total -		27	03	9390	

Passed for Rs- 27,03,939.00 (Rupees)

Twenty Seven Lakh three thousand and
nine hundred and thirty nine) only.

01/09/21

Executive Engineer
Rural Works Department
Work Division, Lakhisarai

Rakshita
14/9/21

2nd and final bill

22

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
NIW:- MR 19/20 Lakshisara					
of Block Surajgarha under					
Lakshisara Dist					
To 2 to Goghi Koran					
Agcy:- M/s Satish Kumar					
and Co. Construction (P) limited					
Engineer and Contractor G7					
Lam Tower Exhibition Road					
Pahar					
Agcy:- 19 MRD / 2020-21					
Date 5/5/21					
Cut - 25.5.21					

Actual cut 20.5.21

1.

1. Clay and gravel
road cut

PMSPIS = 4164.05

E 49464.05/ha = Rs 20200

2. Construction of subgrade
and side shoulder

PIS = 1623 MB

E 181.11/20 = 298942

3. Ashi + 8% WBM

PIS = 55.61 MB

E 1505.18/ha = 83703

4. R/V M25 concrete

168234

PM = 61.40 MB = 273996

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					P.P. 5661592
5. PLV Lay 750mm Asphalt					
173m 10m					
P16 = 103.67 m					2424.50
C 2338.78/m					943461.20
6. PLV Porim class					
Asphalt					
P16 = 1382.20 m					57500.2
C 411.60/m ²					
7. PLV MTL surface					
173m 10m and P.C. every					
P16 = 1577.20 m					316481.2
C 200.66/m					
8. PLV Tack class Asphalt					
spaced					
P16 = 16916.58 m					
C 14.24/m ²					240892
9. PLV and Lay semi					
class Bitum Concrete					
Asphalt					
P17 = 383.48 m					3721681
C 9705.02/m ²					20
20. PLV Road Mark					
9m					
P17 = 810 m					577959.2
C 713.53/m					
10. P.I.P.T. 12m Dr					8065
P17 = 44 C 206.35/m					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				$\frac{1}{2} \times 57.31198 =$	
				$\frac{1}{2} \times 57.31187 =$	
11. PIPIT 200mm square					
PID = 217 No $\frac{580.52}{14} =$					9869.2
12. PIPIT Direct Pipe					
BWD					
PID = 1.92 m					24113.2
				$\frac{12539.25}{14} =$	
13. PIV PIR surface					
Surf BWD					
PID = 600mm square					
17 No $\frac{35490.46}{14} =$					60341.2
14. PIPIT 400mm					
circle BWD					
PID = 84 No $\frac{3757.07}{14} =$					30063.2
15. PIPIT 600 x 450 oval					
BWD					
PID = 34 No $\frac{3622.92}{14} =$					10869.2
16. PIPIT 900mm octagon					
PID = 24 No $\frac{7796.14}{14} =$					15592.2
17. PIPIT Party PIV					
PID = 40 No $\frac{509.84}{14} =$					20393.2
21. PIPIT square BWD					
PID = 24 No $\frac{8844.76}{14} =$					17690.2
22. PIV BWD (1.3)					
BWD					
PID = 5.76 No $\frac{5771.95}{14} =$					33246.2

$\frac{1}{2} \times 57.31198 =$

[illegible]

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					5953363
					5773363
23. flection cap (1' 4) on spire					5953374 = 0
P18: 40.32 m					6380-
E 158.24/m					
24. Paint for area new surface					
P18: 117.12 m					
E 99.70/m					110912
5970845 = 0					5790834
14. 59708 = 0					5970834 = 0
12. 716501 = 0					+ 459708 =
1% taken					716500 =
12. 457					
6747054 = 0					6747042 = 0
13494 = 0					1349420
6733560 = 0					6733548 = 0
paid (-)					62703939 = 0
4029621 = 0					4029609 = 0
OK 04/10/2021 J-E					
4.10.21					5.10.21 05/10/2021 AE
CPP					
15.11.2021					

2nd Final Bill

26

Rs-4029621=

4029621=

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S.D.@8% -	322370	=	0		
I.T.@2% -	80592	=	0		
L.C.@1% -	40296	=	0		
CGST@1% -	40296	=	0		727154=
SGST@1% -	40296	=	0		
Royalty -	142860	=	0		
S.F. -	60444	=	0		
Net pay -	3302467	=	0		
Total =	4029621	=	0		

Period for Rs. 4029621= (Rupees forty
Lakh twenty nine thousand six hundred
Twenty one) only.

15.11.2021

Executive Engineer
Rural Works Department
Work Division, Lakhisarai

15.11.2021