

30541 BMR

MIR-N 199-201 Lukhisgaw-104

Schedule XLV Form No. 134.

TOI 27 from bridge west

	DIVISION	SUB-DIVISION
Point	1999918	
	983492	
	8983 VID	
	325.B.D	
	19-20	
	M.B-573	
	198-2020	

Measurement Book

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.	
1st on A/C Bill					
Name of work = Constn					
of road from To 1 to					
Gidha west.					
Agency - M/s Sander Kralo					
Agent 32580 - 2019-20					
Date of Est - 13.01.20					
Date of Est - 12.01.20					

Record Entry					
UG 580					
1 x 6.00 x 2.00 x 0.15 = 1.80 m ³					
1 x 5.00 x 2.25 x 0.15 = 1.68 "					
1 x 4.50 x 2.50 x 0.10 = 1.12 "					
1 x 5.00 x 1.70 x 0.10 = 0.85 "					
1 x 7.00 x 2.00 x 0.15 = 2.10 "					
1 x 8.00 x 2.00 x 0.15 = 2.40 "					
1 x 8.00 x 1.90 x 0.10 = 1.52 "					
1 x 7.00 x 2.00 x 0.10 = 1.40 "					
1 x 15.00 x 1.80 x 0.10 = 2.70 "					
1 x 11.00 x 1.90 x 0.10 = 2.09 "					
1 x 23.00 x 2.00 x 0.10 = 4.60 "					
1 x 10.00 x 1.90 x 0.10 = 1.90 "					
1 x 12.00 x 1.70 x 0.15 = 3.06 "					

Continuation

32.48 m³
27.22 m³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					27.22
					32.48
					2.09 m ³
	1	11.00	1.90	0.10	2.09
	1	15.00	1.60	0.10	2.40
	1	7.00	2.00	0.15	2.10
					40.97 m ³
					33.81 m ³

Record Entry

(1) WBM gr TE

	1	6.50	2.00	0.075	0.97 m
	1	5.00	2.50	0.075	0.94 "
	1	5.00	2.10	0.075	0.94 "
	1	12.00	2.00	0.075	1.80 "
	1	17.00	2.10	0.075	2.67 "
	1	8.00	2.50	0.075	1.50 "
	1	16.00	2.10	0.075	2.52 "
	1	18.00	2.00	0.075	2.70 "
	1	25.00	2.00	0.075	3.75 "
	1	24.00	2.10	0.075	3.78 "
	1	23.00	1.90	0.075	3.28 "
	1	17.00	1.70	0.075	2.17 "
	1	17.00	2.50	0.075	3.68 "
	1	8.00	2.00	0.075	1.20 "
	1	15.00	1.00	0.075	1.18 "
	1	10.00	2.00	0.075	1.50 "
	1	10.00	2.10	0.075	1.575 "
					35.40 m ³
					31.905 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record 2/ry					
① W 9 M Gr 7/12 :-					
	1	7.00	2.50	0.075	1.312 M
	1	5.50	2.50	0.075	1.031 "
	1	5.00	2.60	0.075	0.975 "
	1	12.50	2.10	0.075	1.968 "
	1	19.00	2.30	0.075	3.277 "
	1	9.00	2.50	0.075	1.687 "
	1	17.00	2.30	0.075	2.932 "
	1	27.00	2.40	0.075	4.860 "
	1	25.00	2.30	0.075	4.312 "
	1	24.00	2.00	0.075	3.600 "
	1	18.00	2.00	0.075	2.700 "
	1	18.00	2.60	0.075	5.460 "
	1	9.00	2.10	0.075	1.417 "
	1	20.00	1.90	0.075	2.850 "
	1	11.00	2.00	0.075	3.150 "
	1	16.00	2.10	0.075	2.520 "
					1.575
					44.051
					= 36.671

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
157 on 11/11/11					
Name of work - Const ⁿ of road from 101 to Gidha west					
Agency - Can. Mill					
Approved -					
By -					
By -					
By - Record only					
Clearing & grubbing road (by manual means) including					
work					
2 x 33 x 30.00 x 1.00 = 1980 m ²					
= 0.198 Hect					
Record only					
① Prime coat -					
Primer applying primer coat with bitumen emulsion					
(55-1)					
Qty of bitum BP					
44.051 / 0.075 = 587.30					
36.67					
488.93					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record Entry.</u>					
(1) Patch work over WBM using Marshall Surface Sty Primer					587.30 m ² 488-93 m ²
<u>Record Entry</u>					
(1) Tack coat - P.O.R applying tack coat with bitumen emulsion					
$30 \times 30.50 \times 3.75 = 3475 \text{ m}^2$ $\frac{3475}{12.5} = 278$ JE					

1st on A/L Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Const ⁿ of road from Tol to Gidla West.					
Agency - Aggrmt					
Dut Const - Dut Const					
(1) Provision of laying Sewer dense bituminous concrete - do - do - complete job.					

$$30 \times 30 \times 3.75 \times 0.025 = 3375 \text{ m}^3$$

$$30 \times 30 \times 3.75 \times 0.025 = 3375 \text{ m}^3$$

$$= 84.375$$

(2) Constⁿ of Subgrade m³

2 earthen shoulder

with approved

material - do - do

Comp job.

$$2 \times 20 \times 30.00 \times 1.10 \times 1.00 = 396 \text{ m}^3$$

S-102

27/10/21

AB

Pd

27/10/21

J-E

Abstract of Gsf.

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① G S B gr II					
8 V T M B P ₁					39889=w
33.81 m ³ B					
40.97 m ³ B					1179=82/m ³ 48337=0
② W B M gr II					
8 V T M B P ₂					69686=w
31.905 m ³ B					2184=17/m ³ 77320=0
③ W B M gr III					
8 V T M B P ₃					63468=w
36.671 m ³ B					1730=74/m ³ 76241=0
④ Clearing & Grading					
① 8 V T M B P ₄					
0.198 m ³ B					49464=0.5/Heet 9794=0
⑤ Prime Coat					
8 V T M B P ₄					
488.92 m ² B					20202=w
587.30 m ² B					41=32/m ² 24267=0
⑥ Pitch work near					
W B M M P Seal					
488.93 m ² B					94402=w
587.30 m ² B					193=08/m ² 113396=0
⑦ Tack Coat					
8 V T M B P ₅					47284=w
327.30 m ² B					14=01/m ² 32072=0

Continuation

9

[illegible]

Total work done -	1212259=00
01% Add L loss -	12123=00
Add 12% Lys. T -	145471=00
<u>Total -</u>	<u>1369853=00</u>
Less 10% L -	136985=00
<u>Total -</u>	<u>1232868=00</u>

1st on A/C 5.11

B.F - 12,32,868

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8'.	9.2	—	98629		
2'.	9.7a	—	24657		
1'.	1.104	—	12327		
1'.	1.4.57	—	12327		
1'.	5.4.57	—	12327		
Regulation	—		59019		
S/F	—		18493		
Payble Rs	—		995083		

Total - 12,32,868

Passed for Rs - Twelve Lakh
thirty two thousand eight
hundred sixty eight only.

10/5/21

10/3/21

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

ग्राम्य प्रमण्डल, लखीसराय

10-7-21

RECEIVED

विवाद ग्रामपंचायत

2x105m x1 = 1.21 Ha

35x30m
21554

2nd Mc Don

12

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W - Mance of land for To/IV					
19880 W-A line 12/11/11					
Appl. 13/11/11, Kame ad Co Contractors					
Pr lotu					
Appl. 329AD 19-20					
Dale 13-1-20					
Appl. 12-1-21					
Actual ap					
255 - Cost of ESBW					
13 x 1.90 x .10 = 2.4740					
7m x 1.60 x .15 = 1.680					
8 x 1.80 x .10 = 1.44					
9 x 1.90 x .10 = 1.71					
					7.304
PW Lay of 12/11/11					
13 x 2.10 x .075 = 2.105					
7m x 1.80 x .075 = .95					
8m x 2.2m x .075 = 1.20					
9m x 2.10 x .075 = 1.42					
					5.625
					4.3585

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Plw Laid p w b n					
WBMing ash n					
		13m	2.10m	0.75	2.05
		7m	1.10m	0.75	.95
		8m	2m	0.75m	1.20
		9m	2.10	0.75	1.42
		7m	1.50	0.75	.79
		5m	1.50	0.75	.56
		7m	1.60	0.75	.84
					7.81m ²
					Lt = 7.599m ²

Plw Pm cr	7.599	101.32		
	0.75	m		
M/m seal sub				
		101.32m		
Plw Laid cr B7 etc				
	5x30m	3.75	562.50m	
	2x26.75	0.75	39.38	
			601.88m	
2m Plw SD B n ash n				
	5x30m	3.75	0.75	14.06
	2x26.75	0.75	0.75	.98
				15.04

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Cash of subgrade					
$2 \times 15 \times 30 \times 1 \text{ m} \times 30 = 270 \text{ m}^3$					
25 PIP/F					
1) Km Post — 1 M					
11) 200 m Post — 4 M					
25 PIP/F Driveway					
$2 \times 1.20 \times 80 = 192 \text{ m}^2$					
PIP/F Deck of St					
600 m Egn = 11 M					
600 m Lw = 7 M					
600 m 450 m = 3 M					
900 m Deck = 2 M					
PIP/F Bay pit					
4 M					
25 Plak of form					
$\frac{1050}{25} = 42 \text{ M}$					
25 Road Mark					
$2 \times (3.5 \times 30) \times 10 = 210 \text{ m}^2$					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
PIPIF Marku Bonu					
			2x10		
		5.1m			
		151231.21			151231.21
		AE			5.6
Abstract of Cont					
1. clip ad rough road					
1m					
		PM = 21120			
		649464.05			210382
2. Cost of sub grade					
also stand					
		PD = 396113			
		PM = 2703			
		666113			
		176.42%			117529
3. Construct of 4504					
also					
		P7 = 33.8113			
		P12 = 7.30			
		41.1113			
		11779.84%			48502
4. PIV Lamp 100415					
		P7 = 31.905m			
		P12 = 5.62m			
		37525			
		35.42113			77472
		2184421			

Continuation

2538702

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				1464476-	
10. P/P/F Ku su					
				1 NE 2174.93/ = 275	
11) P/P/F 200m					
				4 NE 608.80/ = 2435	
12. P/P/F D2000 Plus					
				Row	
				P14 - 1.92 m	223795
				12393.43/	
13) P/P/F steel mfg					
				60	
				600m of	
				1 NE 3627.04/ = 39898	
14. P/P/F 600m					
				7 NE 3660.77/ = 26325	
15. 600x450 steel row					
				3 NE 3630.36/ = 10891	
16 P/P/F 50m octagonal					
				2 NE 7663.08/ = 15326	
18. P/P/F Bandypile					
				48 NE 522.11/ = 2506	
19. Plantain tree					
				42 NE 800.30/ = 33612	
20. P/P/Lamp Row					
				Row	
				280 NE 883.10/ = 185451	

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					1829385
21. PIPIT MRL4050					
					241095059/219013-
					1848398-
					1% Calc 184847-
					124987 = 221808-
					2088690-
					108 - 208869-
					187982/20
					Pond (-) 1232868-
					646753-10

5.10
 15103121
 AB
 C.P.
 15374
 S.E.

10/11/20
 2013-2014

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sub grade 6665					
QSTB	41.11		7.68	M ²	31.57
Local sand			5.12	M ²	21.04
					M ³
WBM II	35.47		1.24	M ²	42.91
	35.47		1.27		9.57
	35.47		1.08		2.88
					52.48
WBM II	44.27		1.12	M ²	53.56
	44.27		1.24		10.62
					64.18
Mix	590.25		1.027	M ³	15.93
					M ³
SDM	99.415		1.43	M ²	142.16
					M ³
✓ SSI = 590.25 × 1.85 = 501.71 kg					
Rat = 3976.88 M × 275 = 1093.64					
✓ 590 × 590.25 × 1.94 = 1121.47					
99.415 × 1204 = 11929.80					
					13051.27
					M ³
List Metal = 31.57 M ³ ✓					
Local sand = 21.04 M ³ ✓					
WBM II = 52.48 M ³ ✓					
BIM = 2.88 M ³ ✓					
WBM II = 64.18 M ³ ✓					
stone chips = 15.93 + 142.16 = 158.09 M ³ ✓					

B.F - 646953

20

20
17/11/11

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51756²

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
2' x 9.7m	—	1293	92	
1' x 6.108	—	64	10	
1' x 6.082	—	64	70	
1' x 9.103	—	64	70	
Wage 10	—	1743		
SIF	—	9704		
Possible Rs		551401		
		646953		

Passed for AS - Six Lakh
 Fourty Six thousand nine
 Hundred & Eighty only

23/3/2020

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

ग्रामाणि कार्ये
कार्यं प्रमण्डल, लखीसराय

23/2/21

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W. - Mound of road 1/4					
To 1/4 Giddar W + A. V. M.					
1/4 of 1/4					
Ag. No. 325AD 1920					
Date 13-1-20					
Detail of 1/4 15.3.24					
Date entry - 20-8-21					
Ag. No. 325AD 1920					
Mound N. of					
Abstract of 1/4					
1) 1/4 and 1/4					
P11 = 121.44					
C 494 (4.05) = 10387					

2) 1/4 of 1/4 and 1/4					
P15 = 666.44					
C 176.47/4 = 11752.9					
3) 1/4 of 1/4 and 1/4					
P15 = 41.11 (M)					
C 1179.82/4 = 48502					
4) 1/4 of 1/4 and 1/4					
P15 = 35.47 (M)					
C 2184.17/4 = 77472					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				253.890	
5. PLV Ladysmith					
ord spm					
P/L = 44.27 m					
$C 1730.74/3 = 76620$					
6. PLV from east side					
P/L = 44.32 m					
$590.25 m$					
7. PLV Mix soil					
QW 100 m					
P/L = 590.25 m					
$C 193.08/3 = 11365$					
8. PLV Tack - A 20/10					
spm					
P/L = 3976.87 m					
$C 14.01/3 = 55716$					
9. PLV SDAC on road					
21					
P/L = 99.415 m					
$C 9453.66/3 = 939836$					
10. P/L/F 100 m					
P/L = 1 m					
$2174.93/3 = 2175$					
11. P/L/F 200 m					
P/L = 4 m					
$668.80/3 = 2435$					
12) P/L/F 200 m					
P/L = 1.92 m					
$C 12393.93/3 = 23995$					

Continuation

1492821

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					149284 =
13. PIP/F dectrofu					
BWD					
600mm eq. in					
					P17 = 11ME 3627.05 = 39828
14. PIP/F 600mm eq.					
					P17 = 7ME 3660.77 = 26325
15. PIP 600 x 4500m					
					P17 = 3ME 3630.34 = 108912
16. PIP/P 900mm eq.					
net					P17 = 2ME 7663.08 = 15326
17. PIP Bandy pily					
					P17 = 48ME 522.11 = 25061
19. Bluntah # for 1-					
					42ME 800.34 = 33612
20. P/V (as p. 100)					
Mosup 2.5m/m					
					P17 = 210ME = 185451
					C 803.10/m
21. PIP/P MR 400m					
					P17 = 2ME 9586.59 = 19013
					1848398 =
1x 6m					18484 =
134951					+ 22180.8 =

Continuation 2188690 =

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			PJT		
			2088690=		
10P	(1)		208869-		
			1879821=0		
Par			-1879821=		
			Nick		
20-9-24			Sr 14		
			28/09/21		
			AE		
			C.P.D.		
			10/2 Nov		
			28/09/2021		

3rd Final and 2nd by U

Name

9. Try

4. (100)

C. v. S.

S. W. 4.

Ry. 43

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75/100

Passed

RS-

20/09/20

कार्यपालक अध्यक्षता
ग्रामोण कार्य विभाग
कार्य प्रमण्डल, लखीमपुर

Continuation