

MMGSY-ST

Schedule XLV-Form No. 134

Name of work:- Const. of Road from
pipri than to Nichean Basti

RWD Works Division, DIVISION
Kishanganj-2 MB No-1066

Thakurganj SUB-DIVISION

Name of Agency- Kanhajia Lal maito

MEASUREMENT BOOK

प्रमाणित किया जाता है कि इस माप पुस्त में
(एक सौ) मुद्रित दोहरे पृष्ठ है। जो. २५/१२/२०१२ आशुतोष कुमार
सहायक अभियंता, ग्रा.का.वि. कार्य अवर प्रमण्डल...
के नाम से निर्गत किया जाता है।

कार्यपालक अभियंता
ग्रा.का.वि. कार्य प्र
किसानगंज-२
२५/१२

Re-issue to Shri Gyanesh Tripathi
J.E. Thakurganj
२५/१२
A.E.

Sch. XLV—Form No. 134

RWD, W.D. Div. Kishanganj DIVISION
Thakurganj SUB-DIVISION

Measurement Book

No. 1066.

Name of Officer Sri Ashutosh Kumar
Assistant Engineer.

Date of first entry _____

Date of last entry _____

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				
(i)	Name of work: - Const. of					
	Road from Piprathan to					
	Nichan Basti under					
	Thakurganj Block by					
	MMGSY (S/SST)					
(ii)	Name of Agency: -					
	Sri Kanhaiya Dal Mahato					
	Thana colony, Thakurganj					
(iii)	Agreement No - 10/MMGSY/ST					
	/SDD/2020-21					
(iv)	Date of start - 22-04-20					
(v)	Date of completion - 21-01-2021					
	— X —					
	Record Entry					
(1)	Providing & fixing of					
	Working benchmark/ref.					
	pillars all comp.					
	(i) Working Bench					
	mark pillars - 0.900km					
	(ii) Ref. pillars - 0.900km					
(2)	clearing and grubbing					
	road land including					
	uprooting wild vegetation,					
	grass, bushes, shrubs - do -					
	- do - all comp.					

Continuation

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
(i) Name of work:—					Const. of
					Road from Pipalthan to
					Nichan Basti under
					Thakurganj Block by
					MMGSY (Se/ST)
(ii) Name of Agency:—					
					Sri Kanhaiya Dal Mahato
					Thana colony, Thakurganj
(iii) Agreement No.—					10/MMGSY/ST
					/SDD/2020-21
(iv) Date of start—					22-04-20
(v) Date of completion—					21-01-2021
					X
					Record Entry
(1) Providing & fixing of					Working benchmark/ref.
					pillars all comp.
(i) Working bench					
					mark pillars — 0.900km
(ii) Ref. pillars —					0.900km
(2) clearing and grubbing					
					road land including
					uprooting wild vegetation,
					grass, bushes, shrubs — do —
					— do — all comp.

Continuation

(4) Const. of embankment
with material obtained
from borrow pits with
a lift up to 150 m &
led up to 1000 m &
100 m in per cent all up.

S.No	CH	Fill Area	Mean Area	Dist.	Volume
1	0	0.125	-	-	-
2	50	1.235	0.680	47	31.960
3	100	0.366	0.801	50	40.030
4	150	0.255	0.311	50	15.530
5	200	0.125	0.190	50	9.500
6	250	0.855	0.490	50	24.500

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SNo	CH	Fill Area	Mean Area	Dist	Fill volume
7	300	0.655	0.755	50	37.750
8	350	0.144	0.400	50	19.980
9	400	0.365	0.255	50	12.730
10	450	0.725	0.545	50	27.250
11	500	0.612	0.669	50	33.430
12	550	0.635	0.624	50	31.180
13	600	0.758	0.697	50	34.830
14	650	0.655	0.707	50	35.330
15	700	0.122	0.389	50	19.430
16	750	0.385	0.254	50	12.680
17	800	0.865	0.625	50	31.250
18	850	0.525	0.695	50	34.750
19	900	0.375	0.462	50	23.020

475.19

M³(i) Lead up to 1000M - 35.19 M³(ii) Lead up to 100M - 440.0 M³

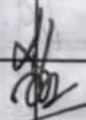
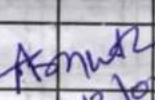
02/05/20
JE

ASR
02/06/20
AR

Continuation

Continuation

Continuation

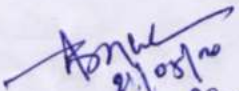
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record Entry</u>					
(1)	Const. of granular subbase by providing well graded material, spreading in uniform layers all up.				
<u>Rigid portion</u>					
	$2 \times 8 \times 30.0 \times 0.400 \times 0.100 = 19.20$				
	$2 \times 1 \times 10.0 \times 0.400 \times 0.100 = 0.80$				
				20.0	
				M ³	
 12/05/20 JE  13/05/20 m					

<u>Record Entry</u>					
(1)	Providing, laying, spreading and Compacting stone aggregates of specific sizes to WBM for all up.				
(i)	<u>In flexible portion</u>				
	$4 \times 30.0 \times \frac{3.90 + 3.75}{2} \times 0.075 = 34.425$				
	$4 \times 30.0 \times \frac{3.95 + 3.75}{2} \times 0.075 = 34.65$				
	$2 \times 30.0 \times \frac{3.85 + 3.85}{2} \times 0.075 = 17.325$				
	$6 \times 30.0 \times \frac{3.90 + 3.75}{2} \times 0.075 = 51.6375$				
	$4 \times 30.0 \times \frac{3.95 + 3.75}{2} \times 0.075 = 34.65$				
	$1 \times 30.0 \times \frac{3.75 + 3.75}{2} \times 0.075 = 8.4375$				
	$1 \times 20.0 \times \frac{3.75 + 3.75}{2} \times 0.075 = 5.625$				
					186.75
					M ³

Continuation

Limit - 186.47 M³

20/05/20
JE


21/05/20
m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>Record Entry</u>				
(1)	Providing, laying, spreading and compacting stone aggregates of specific sizes to WBM for all comp.				
	<u>In Rigid portion</u>				
	2x8x	30.0	0.400	0.075	= 14.40
	2x1x	10.0	0.400	0.075	= 0.60
					<u>15.0 M³</u>
				Limit —	14.34 M ³
	25/05/20			26/05/20	
	JE				

<u>Record Entry</u>					
Const of 1000 mm dia HP culvert					
(1)	E/w in excavation for foundation of the structure all comp.				
	HW—	2x6.450	1.40	1.50	= 27.090
	Below pipe	1x4.850	1.530	0.365	= 2.708
					<u>29.800</u>
					M ³
(2)	Providing PCC M15 as levelling course in open foundation all comp.				
		2x6.450	1.400	0.150	= 2.709
		1x4.931	1.530	0.250	= 1.886
					<u>4.595 M³</u>
	Less for pipe—				
		0.250	0.7857	1.236	5.496 = 1.633
	Continuation				
					<u>(-)</u>
					2.960
					M ³

Continuation

1st on A/c bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>ABSTRACT OF COST</u>				
(1)	Providing & fixing of working bench mark pillars 01 Nos				
	Per km & 04 Nos of ref. pillars reqd for 1 km				
	all comp.				
	(i) Working bench mark pillars —				
	vide TMB Page No — (1)				
	item No — (1) (i)				
	0.900 KM @ Rs. 3853 = 06				
	Per km — Rs. 3468 = 00				
	(ii) Reference pillars —				
	vide TMB Page No — (1)				
	item No — (1) (ii)				
	0.900 KM @ Rs. 1766 = 38				
	Per KM — Rs. 1590 = 00				
(2)	clearing and Grubbing road land all comp.				
	vide TMB Page No — 1/2				
	item No - 2				
	0.200 Ha				
	@ Rs. 49,496 = 70				
	Per Ha — Rs. 9899 = 00				
(3)	Excavation for road				
	Way in soil using manual means all comp.				

Continuation

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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF-lb. 3,92,782=00
(6)	Const. of Granular				
	Subbase by providing				
	well graded material				
	all comp.				
	For flexible portion				
	vide TMB Page No- (5)				
	item No- (1)				
	536.75 M ³				
	@lb. 1870=91/M ³				
					lb. 10,04,211=00
(7)	Const of Granular				
	Subbase by providing				
	well graded material				
	all comp.				
	For Rigid portion				
	vide TMB Page No- (6)				
	item No- (1)				
	20.0 M ³ @lb. 1870=91				
	Per M ³ — lb. 37,418=				
(8)	Providing, laying, spreading				
	and Compacting stone				
	aggregates of specific				
	sizes to WBM Jr III				
	all comp. (In flexible portion)				
	vide TMB Page No- (6)				
	item No- (1)				
	186.47 M ³ @lb. 4555=97				

Continuation

Per M³ lb. 8,49,552=

C.O-lb. 22,83,963=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF Rs. 22,83,963=00
(9)	Providing, laying, spreading and compacting stone aggregates of specific sizes to WBM for III all comp.				
	(In rigid portion)				
	vide TMB Page No-(7)				
	item No-(1)				
	14.34 M ³				
	@ Rs. 4555=97				
	Per M ³ Rs. 65,333=00				

	vide TMB Page No-(7)				
	item No-(1)				
(10)	29.800 M ³ @ Rs. 260=59				
	Per M ³ Rs. 7766=00				
(11)	Providing PCC M15 (1:2:5:5) Concrete for plain concrete in open form all comp.				
	vide TMB Page No-(7)				
	item No-(2)				
	2.960 M ³ @ Rs. 5553=96				
(12)	Per M ³ Rs. 16,440=00				
	C & S Rs. 23,73,502=00				

Continuation

Continuation