

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Plastering with cm					
34 (1.4) do-do					
vide item no					
9 P. No 4 - 123.63m					
⇒ vide item no 16					
Page No 6 - 76.944					
⇒ vide item no					
22 P. No 8 - 42.15m					
				257.724	
but 257.03					
@ Rs 150.76/m ² — Rs 36036.00					
(11) Providing and laying					
33 1.5m cement					
putting do-do					
vide item no 10					
P. No 5 - 19.22m ²					
@ Rs 46.01/m ² — Rs 884.0					
					Rs 23542.80
Less 10% Asp. Ag (Rs) 2354.28					
					Rs 111885.00
(12) Construction of G.S.B					
by well graded material					
do-do & vide item					
no 23 Page no					
8 - 603.07m ³					
@ Rs 1914.73/m ³ — Rs 1154716.0					
					Rs 2390144.00

Continuation

Sch. XLV - Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) Brick masonry work					
31 in ch (114) do-do					
vide item no 6					
page no -				52.264	
⇒ vide item no 12					
page no 5 -				20.826	
⇒ vide item no 15					
page no 6 -				6.90	
⇒ vide item no 19					
page no 7 -				11.26	
⇒ vide item no 21					
page no 7 -				3.84	
				95.094	
@ Rs 5690.13 / m ³ - Rs 541074.					
(8) Providing & Laying					
32 R.C.C Pipe HP3					
do-do by vide					
item no 14 p.no					
but item 6 -				15 m	
@ Rs 1182.26/m - Rs 8867.0					
(9) Providing and Laying					
33 R.C.C HP3 Pipe					
1000mm dia do-do					
vide item no 7 p.no					
4 -				15.04	
⇒ vide item no 30 p.no 7				7.5 m	
				22.54	
@ Rs 3495.67/m - Rs 78653.0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4)	Construction of				
8	Subgrade & earthwork				
	Shoulder old do				
	Qty vide item				
	No 2 P. No 2				
				16.74.22	
	CRS 223.01/m ³ - R				2722.90
(5)	E/W Excavation				
29	in Foundation				
	old do vide				
	item No 4 P. No 3				
				59.60m ³	
	⇒ vide item No 11				
	P. No 5			31.31	
	⇒ vide item No 7 P. No 7 - 16.56				
	Unit 105.056			107.47m ³	
	CRS 285.17/m ³ - R				29959.1
(6)	Providing P.C.C. in				
30	in Foundation old do vide				
	item No 5 P. No				
	3			5.92m ³	
	⇒ vide item No 12				
	Page No 5 - 5.691				
	⇒ vide item No 18				
	Page No 7 - 2.31				
	Unit 11.232			13.921	
	CRS 4521.98/m ³ - R				53052.1

Continuation

1st on site

19/11/2019

9

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1	ABSTRACT OF				COST
Name of work: Construction					
of road from Tiskurwa					
Road to Hashanpur					
Harigan Tola. Under					
M. H. S. Y.					
Agency: K. A. P. A. D. C. M. A. S. U. A. S. K. O. T. K. I. G. O. Y. A.					
Ag. No. 11 S. B. S. / 2019-2020					
①	clearing & grubbing				
3	road Land cleared				
by vide item No 1					

P. No. 1. — 0.5634 hectare

@ Rs 49324.68/ha — Rs 27905.0

② Construction of

5 Embankment

with approved

material obtained

Borrow pits lead

upto 100m by

vide item No 3(ii)

P. No. 3. — 177.95

@ Rs 175.11/ha — Rs 31161.0

③ Construction of embankment

7 road lead by vide

item No 3(ii) P. No. 3

Continuation 45. 43

@ Rs 157.62/ha — Rs 54447.0

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
(22) Plastering with cm					
34 (1.4) on brick work					
do do - - -					
$1 \times 3.3 \times 3.70$					$= 12.21 m^2$
$1 \times 3.14 \times 3.70$					$= 11.47$
$1 \times 3.3 \times 0.60$					$= 1.98$
$1 \times 3.1 \times 0.60$					$= 1.86$
Top $1 \times 3.3 \times 0.50$					$= 1.65$
$1 \times 3.1 \times 0.50$					$= 1.55$
Box $4 \times 1.25 + 0.50 \times 2$					$= 7.582$
					9.03
$4 \times 0.5 \times 1.20$					$= 2.40$
					$42.15 m^2$

11.5 18.5.700 55					
(23)					
9 ch 0041150					
Profile correction					
$15m \times 3.05 \times 0.1 \times 0.08$					$= 3.66 m^3$
$1 \times 100m \times 3.75 \times 0.1$					$= 37.50$
$1 \times 60m \times 4.05 \times 0.20$					$= 486.0 m^3$
$1 \times 90m \times 4.05 \times 0.2$					$= 72.90$
Extra for curve					
$\frac{1 \times 20.5 \times 0.85 \times 0.20}{2}$					$= 1.74$
$\frac{1 \times 17.7m \times 0.75 \times 0.20}{2}$					$= 1.27 m^3$
					$603.07 m^3$
Acc					
14/6/2020					

Continuation

Adm entry: - 16.1.20
7

Sch XLV - Form No. 134

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
1000mm dia H.P.C. Arch					2.33m
(17) H/W Ex. Carriage in					
29 Foundation do do					
2 X 3.20 X 1.40 X 1.50					12.864
1 X 4.85 X 1.50 X 0.30					2.110
					10.564
(18) Providing R.C. Lys					
29 Foundation do do					
2 X 3.20 X 1.40 X 0.250					2.31
Sub					
(19) Brick masonry in					
31 (119) do do					
1 X 2.3 X 1.25 + 0.50					2.58 = 2.44
1 X 3.10 X 1.25 + 0.50					2.58 = 5.79
less for pipe					12.73
2 X 0.785 X 0.622 X (1.73)					(-1.47)
(20) Providing and Laying					11.26
35 R.C.C NP ³ Pipe 1000mm dia					
do do					
3 X 2.5 m					7.5m
less pipe					
2 X 0.785 X (1.73) ² X 0.622					(-2.147)
(21) Brick work m th (119)					
31 in parapet do do					
1 X 3.30 X 0.5 X 1.20					
1 X 3.3 X 0.50 X 1.20					1.98
1 X 3.10 X 0.5 X 1.20					1.86
					3.84

24.5.20
Continuation
JS

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) Providing and Laying					
33 R.C.C Pipe 100 ³					
600mm dia do do					
2 X 2.5m X 3 = 15m					
(15) Brick masonry work					
31 in cm (1.4) in					
Parapet do do					
2 X 2 X 3.60 X 0.40					
X 1.2 = 6.90m ²					
(16) Plastering with					
34 Cement mortar					
(12) 01 50 brick work					
do do					
4 X 3.60 X 3.38 = 48.67					
4 X 3.60 X 0.600 = 8.64					
Top 4 X 3.60 X 0.40 = 5.76					
End - 8 X 0.7 X 2.15 = 12.70					
8 X 0.90 X 1.20 = 3.84					
					79.11
Less Pipe					
2 X 2 X 0.785 X (0.830) ² (-) 2.166					
					76.944
(17) Aug					m ²
15.02.2020					
JE					

Continuation

Sch. XLV - Form No. 134

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
(10) Providing 1.5 m					
Cement concrete 1:2:4					
2.45 x 1.15 x 0.15					0.53
2.45 x 0.5 x 0.15					0.22
2.45 x 1.15 x 0.15 = 0.42					
					0.75
Lab of Entry: - 1.02.00					
6" concrete H.P.L					
1.8 m x 1.0 m					
E/W EX CAVED IN					
(11) Foundation 0.60 m					
2 x 2 x 3.9 x 1.15 x 1.52					2.690
2 x 5.35 x 1.13 x 0.365					4.41
					31.31 m ²

(12) Providing 1.5 m					
Leveling course 1.50					
2 x 2 x 2.90 x 1.13 x 0.150					2.691
2 x 5.31 x 1.13 x 0.250					3.00
					5.691
Less for pipe					
2 x 0.785 x (0.830) ² x					
5.3 =					

Lab of Entry: - 15.02.00

(13) Brick masonry work					
1 m (1.4) m head					
Wall 0.60 m					
2 x 2 x 3.60 x (1.00 + 0.40)					
					21.974

Less for pipe Continuation

$$2 \times 2 \times 0.785 \times (0.830)^2 \times 0.53 = (-) 1.148$$

20.826

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Qals of masonry 2 ft. 01.7020			
(6) Brick masonry work					
31 in (4) (1:4) in head					
Wall do-do					
		$2 \times 2 \times 6.15 \times 1.25 + \frac{0.50}{2} \times 2.58 = 55.53$			
Less for Pipe		$0.785 \times (1.23)^2 \times$			
		$0.62 \times 4 = (-) 3.266$			
					52.264
					$\frac{1}{2}$
(7) Providing and Laying					
33 R.C.M.P. Pipe do-do					
		$2 \times 3 \times \frac{2.5}{1.5} = 15.00$			
		Ass			
(8) Brick masonry work					
31 in (4) (1:4) do-do					
Parapet		$2 \times 2 \times 6.15 \times 0.5 \times 0.95 = 11.68$			
					$\frac{1}{2}$
(9) Plastering with C.M.					
34 (1:4) on brick work					
do-do					
Outer side		$4 \times 6.15 \times 3.70 = 91.02$			
Inner side		$4 \times 6.15 \times 0.600 = 14.76$			
TOP-		$4 \times 6.15 \times 0.50 = 12.30$			
End		$8 \times 0.825 \times 2.5 = 16.50$			
Parapet End		$8 \times 0.500 \times 0.95 = 3.80$			
					138.38
Less Pipe		$4 \times 0.785 \times (1.23)^2 \times (-) 4.75$			

Continuation

133.63

Asp
24.01.2020
JE

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ch	L	C Area	In Area	—	Volume
650	—	3.01	—	—	—
700	50	3.51	3.29	—	1611.50
750	50	3.12	2.315	—	163.75
800	50	3.00	3.06	—	152.0
900	50	2.86	2.93	—	46.50
927	37	2.76	2.81	—	103.97
					2198.22
1.53 Cub m depth				(-)	1674.32
					523.94
$\frac{1}{6}$ for 1000mm dia					
		523.39	X 0.34		177.95
$\frac{1}{6}$ for 1000mm dia					
Adj	12.01.2020	523.39	X 0.66		= 345.43
SE	Date of Entry	12.01.2020			
	1000mm dia H.P.C Culvert				
CH—	320m	2 ch	110m		
(4)	E/W Excavation in				
29	Foundation do do				
	2 X 2 X 6.45 X 1.40 X 1.50				= 54.19
	2 X 4.85 X 1.53 X 0.365				= 5.41
					59.60
(5)	Providing P.C.C M15				
20	as leveling course in				
	Foundation do do.				
	2 X 2 X 6.45 X 1.40 X 0.150				= 5.41
	2 X 4.93 X 1.53 X 0.250				= 3.77
less for pipe	Continuation				9.18
	2 X 0.785 X (1.23) ² X 5.5				X 0.250 = (-) 3.26
Adj	10/01/2020				5.92
JE					42

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② Construction of Subgrade and earthen shoulders with approved material do do -					
For R.T. Section					
		1 x 695.0m	9.8 + 4.75	x 0.30	
					= 1516.83
L.C. Section		1 x 140.0m	5.7 + 4.81	x 0.30	
					= 137.5
					1674.32
					m ³

③	Earth work calculation				
6.12					
6.12					
Change	Length	Cross Area	Mean Area	—	Volume

0.0	0.0	0.29	—	—	0.0
50.0	50.0	0.29	0.39	—	19.50
100.0	50.0	0.40	0.395	—	17.75
150.0	50.0	1.21	0.605	—	40.25
200.0	50.0	2.20	1.705	—	83.25
250.0	50.0	2.31	2.255	—	112.75
300.0	50.0	2.55	2.42	—	121.5
350.0	50.0	3.00	2.775	—	138.75
400.0	50.0	3.21	3.105	—	155.25
450.0	50.0	3.01	3.11	—	155.50
500.0	50.0	3.20	3.105	—	155.25
550.0	50.0	3.19	3.195	—	159.75
600.0	50.0	2.95	3.07	—	153.50
650.0	50.0	3.07	3.01	—	150.50

Continuation

1465.5

1st on A/c

M.M.G.S.Y

B.T.

C.C.

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.)

The measurements relating to each work.					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Name of work:- Construction of					
road from Tiskerwa Road					
to Hasampur Harigan Tola					
Under M.M.G.S.Y					
Agency:- Kafi Armi					
Danchaiti Akhara, Maksudpur					
Kothi Near Baiti Factory					
Gurga.					
Ag No 115B2/2019-2020					
Agreement Value:- 542803520					

5 years maintenance					73003200
TOTAL →					Rs 615806700
Date of work order:-					13.12.2019
Date of (w) completion:-					12.12.2020
Date of Entry:-					12.01.2020
① clearing & Grubbing					
3 road Land old old					
1 x 400m x 6.5m					= 2600.0m ²
1 x 200m x 6.3m					= 1260.0m ²
1 x 187.0 x 6.0					= 1122.0m ²
1 x 150.0 x 4.35					= 652.50m ²
					5634.5m ²
					ie 0.56345-he

Continuation

(a) Subject to such subsidiary (R/W, D of W) Division down by the local Government/Inhabited

- (d) Date of measurements and should and with the Paid initials of the officer marking the measurement. See also paragraph 24. A suitable abstract should than

distance from or work relating to each sanctioned sub-head.

- (i) paragraph of the Public Work Department Code. No entry may be erased, or a mistake is made it should be correct (and dated) by the responsible officer in the manner prescribed in paragraph 335 of the Public Works Department Code. When any measurements are cancelled, the cancellation must be supported by the dated initials of the officer ordering the cancellation or by reference to the orders initiated by the officer who made the measurements in order that the reason for cancellation be clear; the cancelled work must be marked with the word "cancel" and a line drawn with an index which should be kept up to

Sch. XLV—Form No. 134

E. E. Rood (Co) Tehm DIVISION
A. E. Rood (Co) K&K SUB-DIVISION

Measurement Book

No.

Name of Officer E. E. Rood
A. E. Rood

Date of first entry 10/1/1914

Date of last entry 10/1/1914

MMGSY
Tiskoswa Road to Hasanpur Harijantola

2624

Schedule XLV-Form No. 134

EE Recd (co) Div Tehenale DIVISION

A.E Recd (co) ~~Mukhambark~~ SUB-DIVISION
KAKO

2624

MEASUREMENT BOOK