

प्रमाणित किया जाता है कि उक्त
कापी प्रमाणित है प्रमाणित 1000 -
(1000 प्रमाणित) का लक्ष्य है
उक्त कापी का नाम है
निम्न किया जाता है

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रबंधन इलाहाबाद
25-05-21

Sch. XLV—Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No. 2815

Name of Officer _____

Date of first entry _____

Date of last entry _____

Name to 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.	
Name of road — NH-103					
Lichhavi cold Storage					
to Subhai Pachhewi					
Ward no-5					
L = 4.7 km					
Schedule — MMGSY					
Date of completion					
Status — Under maintenance					
Agency — Arjun Kumar					
Date of measurement — 25.08.21					

Agency — Departmental
Record Entry

Item ① providing laying and
compacting in road
with brick bats — E11

$1 \times 21.70 \times \frac{(4.5 + 4.10)}{2} \times 0.375 = 34.99 \text{ m}^3$	
$1 \times 6.0 \times 1.9 \times 0.30 \text{ (avg)} = 3.42 \text{ m}^3$	
$2 \times 50 \times 0.60 \times 0.15 = 9.0 \text{ m}^3$	
$1 \times 43.90 \times \frac{(4.6 + 3.9)}{2} \times 0.375 = 69.96 \text{ m}^3$	
$1 \times 8.30 \times 2.6 \times 0.15 = 3.23 \text{ m}^3$	
$1 \times 68.9 \times \frac{(5.10 + 3.9)}{2} \times 0.375 = 116.26 \text{ m}^3$	
$1 \times 7 \times \frac{(2.4 + 1.9)}{2} \times 0.20 = 3.01 \text{ m}^3$	
$1 \times 37.50 \times \frac{(4.3 + 3.7)}{2} \times 0.30 = 45.0 \text{ m}^3$	
$1 \times 9.80 \times \frac{(2.6 + 3.5)}{2} \times 0.20 = 5.97 \text{ m}^3$	
$1 \times 14.0 \times \frac{(4.9 + 3.7)}{2} \times 0.30 = 16.17 \text{ m}^3$	

Continuation

307.01 m³

— c/o

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$1 \times 20 \times \frac{(3.8+4.0)}{2} \times 0.45 =$					35.10 m ³
$1 \times 15.4 \times 1.80 \times 0.20 =$					5.54 m ³
$1 \times 14.0 \times 0.90 \times 0.15 =$					1.89 m ³
$1 \times 14.4 \times 1.60 \times 0.30 =$					6.91 m ³
$2 \times 8 \times \frac{(1.4+1.9)}{2} \times 0.20 =$					5.28 m ³
$1 \times 15.50 \times 1.75 \times 0.30 =$					8.13 m ³
$1 \times 15.0 \times 3.70 \times 0.45 =$					24.97 m ³
$1 \times 60 \times 0.60 \times 0.15 =$					5.40 m ³
$1 \times 55 \times 0.60 \times 0.15 =$					4.95 m ³
$1 \times 20 \times 0.60 \times 0.075 =$					0.90 m ³
$1 \times 11.2 \times \frac{(2.10+1.7)}{2} \times 0.20 =$					4.25 m ³
Ch-225	1000 cum dia h/pipe				
Bed —	5.0 x 1.83 x 0.15 =				1.37 m ³

Side	4.50 x 1.83 x 1.30 =	10.70 m ³
less for pipe —	$5.0 \times \frac{22}{7} \times (0.66)^2 = (-)$	6.84 m ³
Top —	$13.50 \times 4.0 \times 0.45 =$	24.30 m ³
Ch-475 —	600 cum dia h/pipe	
Bed:	5.0 x 1.50 x 0.15 =	1.12 m ³
Side —	4.6 x 1.50 x 1.0 =	6.90 m ³
less for pipe —	$5 \times \frac{22}{7} \times (0.37)^2 = (-)$	2.15 m ³
Top —	$12.90 \times 4.0 \times 0.45 (av) =$	23.22 m ³
Ch-550 —	1000 cum dia h/pipe	
Bed	5.0 x 1.83 x 0.20 =	1.83 m ³
Side	4.60 x 2.0 x 1.30 =	11.96 m ³
less pipe —	$5 \times \frac{22}{7} \times (0.66)^2 = (-)$	6.84 m ³
	$1 \times 14.20 \times 4.0 \times 0.45 =$	25.56 m ³
	Total ab	= 501.46 m ³

Continuation

SK
25.08.21
S.ESanyam
25.8.21
A.E517.30 m³
501.46 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item ② providing cuttings and fixing bamboo poles - - - complete					
Ch 0-200	70 m	20 m	10 m		100 m
2150-300					120 m
			Total		220 m
Item ③ P/F fixing bamboo runners in position - - do - - - E/I					
Qty same as Item					
No-2 TMB, P-3					220 m
Item ④ providing and filling empty cement bags with local sand sticking with Satti and placing - - - E/I					
Ch 0-200 Bottom	2x30x0.90x0.30				16.2 m ³
Middle	2x30x0.60x0.60				21.60 m ³
Top	2x30x0.30x0.60				10.80 m ³
Bottom	1x30x0.60x0.30				5.40 m ³
Middle	1x30x0.60x0.60				10.80 m ³
Top	1x30x0.60x0.60				10.80 m ³
Bottom	1x10x0.60x0.60				3.60 m ³
Middle	1x10x0.60x0.30				1.80 m ³
Top	1x10x0.30x0.60				1.80 m ³
Sides of culvert 3 nos.					

Continuation

82.80 m³

— C/O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	6	0.60	1.60	= 11.52 m ³
	1	12.50	0.60	1.70	= 12.75 m ³
	1	20	0.60	1.50	= 18.0 m ³
	1	5	0.60	1.0	= 3.0 m ³
	1	9	0.60	1.40	= 7.56 m ³
	1	8.5	0.30	0.60	= 1.53 m ³
Near Railway line					
	1	6.50	1.20	0.90	= 7.02 m ³
	1	5.0	0.90	0.30	= 1.35 m ³
	Total A =				145.53 m ³
					(A)

Ch 2150-2300 Empty cement					
Sag with local sand					
Bottom	2	30	0.90	0.60	= 32.40 m ³
Middle	2	30	0.60	0.60	= 21.60 m ³
Top	2	30	0.60	0.30	= 10.80 m ³
Bottom	1	30	0.90	0.60	= 16.20 m ³
Middle	1	30	0.60	0.60	= 10.80 m ³
Top	1	30	0.30	0.60	= 5.40 m ³
Bottom	1	20	0.90	0.60	= 10.80 m ³
Middle	1	20	0.60	0.90	= 10.80 m ³
Top	1	20	0.60	0.30	= 3.60 m ³
	Total B =				122.40 m ³
					(B)

Total A+B = A+B = 145.53 + 122.40

Continuation

= 267.93 m³

— 40

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Bf	—		267.93 m ³
No. of bags =		267.93			7721 bags
		0.0347			
Item (5) Supply and fitting					
fixing R.C.C. NPs					
Home pipe - - - Eli					
(i) 600 mm dia home pipe					
		2 x 2.50	=	5.0 M	
(ii) 1000 mm dia pipe					
		2 x 2 x 2.50	=	10.0 M	
SK 25.08.21 J.E	Sanjay 25.8.21 A/E				

Name of road - NH 03 -					
Lrzhavi cold storage					
to Subhai ward No-5					
L = 4.7 km					
Scheme - Magsy					
Status: - Under maintenance					
Agency - Arjun Kumar / Departmental					
Date of measurement - 28.10.21					
Record Entry: -					
Item (1) providing laying					
and compacting					
with brick bats in					
road - - - Eli					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$1 \times 3 \times 30 \times \frac{(4.0+3.7)}{2} \times 0.30 (av) = 103.95 m^3$					
$1 \times 20 \times \frac{(3.4+3.0)}{2} \times 0.15 = 9.60 m^3$					
$1 \times 25 \times \frac{(2.7+2.2)}{2} \times 0.20 = 12.25 m^3$					
$1 \times 6 \times \frac{(0.9+0.6)}{2} \times 0.30 = 1.35 m^3$					
$1 \times 44 \times \frac{(2.80+3.3)}{2} \times 0.25 = 33.55 m^3$					
$1 \times 12 \times \frac{(2.30+3.0)}{2} \times 0.30 = 9.54 m^3$					
$1 \times 18 \times \frac{(1.9+2.6)}{2} \times 0.375 = 15.187 m^3$					
$1 \times 17.0 \times \frac{(2.0+2.10)}{2} \times 0.30 = 10.455 m^3$					
$1 \times 12.50 \times 2.10 \times 0.25 = 6.56 m^3$					
$1 \times 9.60 \times 2.0 \times 0.30 = 5.76 m^3$					
$1 \times 10 \times 2.15 \times 0.10 = 2.15 m^3$					
$1 \times 12.50 \times 0.9 \times 0.30 = 3.375 m^3$					

Total ab = 213.727 m³

SK
28.10.21
J.E

Sanyam

28.10.21

A.E.

9/11/21
20/11/21

Continuation

213.727 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost					
Name of work - flood Damage					
Restoration work in					
road from NH 103					
Lichhavi cold storage					
to Subhai pakhiani					
ward No-5					
(MGSY under maintainance)					
Agreement No - 2 SBD/2014-15					
Agency - Arjun kumar, Haripur					
Year - 2021-22					
Restored Length - 2.50 km					
Date of entry - 23.11.21					
Agency - Departmental					
Item ① J/L spreading &					
Compacting brick bats					
- - - Packing - complete					
501.46 m ³ qty vide TMB P-2					
213.727 m ³ qty vide TMB P-6					
715.187 m ³ @ RS 2064.56 / m ³					
					= RS 14,76,546.00
Item ② Providing and					
filling empty cement					
bag with local Sand					
Stitching the bag -					
- - - do - - - Eli					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide TMB, p-5					
7721 bags @ RS			39.37/bag		
				=RS	304130.00
Item ③ Providing cutting and fixing bamboo poles - - - complete					
Qty vide TMB, p-3					
220 m @ RS		53.51/m			
				=RS	11772.00
Item ④ Providing and fixing bamboo turnnets 62 to 75 mm - - - do					
- - - do - - - E/I					
Qty vide TMB, p-3					
220 m @ RS		16.46/m			
				=RS	3621.00
Item ⑤ Providing and laying R.C.C NP ₃ 600 mm dia pipe - - - do					
Qty vide TMB, p-5					
5.0 m @ RS		1462.62/m			
				=RS	7313.00
Item ⑥ Providing and laying R.C.C NP ₃ hume pipe 1000 mm dia - - -					
Qty vide TMB, p-5					
10 m @ RS		3956.05/m			
				=RS	39561.00

Continuation

Total Amt Rs 1842943.00

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Continuation