

APPROACH ROAD FROM KALAHAWARA VILLAGE
FOR BRIDGE ACROSS BRIDGE SUDHANI RIVER
ON

Schedule XLV-Form No. 134

CH TO FDR

BARSOI DIVISION

Balrampur SUB-DIVISION

MEASUREMENT BOOK

M.B.No. 1698

Certify that this M.B. (containing
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Sub-division, Barampuri.

J. K. S. W.
Executive Engineer
Rural Works Department
Works Division, Barsoi

Jun 4/9/2020

Sch. XLV - Form No. 134

BARSOI DIVISION
Barampuri SUB-DIVISION

Measurement Book

No. 1698

Name of officer _____

Date of first entry _____

Date of last entry _____

FDA - PART - 'A'

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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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work:-					FDA Part A/
					Temporary Restored
Name of Road:-					Approach
					Road from Kalna Dori
					Village for bridge Across
					bridge Sudhara River on
Agency:-					Departmental Work
Length:-					0.700 km
Block:-					Balrampur

Record Measurement

Date of entry:-

- ① providing brick bats
 including spreading,
 laying compacting
 with C.P. Hammer
 — E.I.D.

$$\begin{aligned}
 & 1 \times 10.80 \text{ m} \times \left(\frac{5.10 + 4.90 + 5.0}{3} \right) \\
 & \quad \quad \quad \times \frac{7.47}{2} \times \frac{(1.3 + 1.25 + 1.20 + 1.25 + 1.20)}{5} = 83.05 \text{ m}^2 \\
 & 1 \times 5.0 \text{ m} \times \left(\frac{1.10 + 1.0 + 1.18}{2} \right) \times \frac{1.15 + 1.10}{2} = 9.08 \text{ m}^2 \\
 & 1 \times 3.0 \text{ m} \times \left(\frac{4.0 + 3.90}{2} + 6.40 \right) \times \frac{1.20 + 1.25}{2} = 19.02 \text{ m}^2 \\
 & 1 \times 2.0 \text{ m} \times \left(\frac{3.50 + 3.60}{2} + 6.30 \right) \times \frac{1.50 + 1.25}{2} = 13.54 \text{ m}^2
 \end{aligned}$$

Continuation
 $\frac{1.50 + 1.25}{2}$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 4.0 m	✓	$\frac{4.0 + 4.10}{2}$	$+ 6.48$	$/ 2$	
		$\times \frac{0.9 + 1.50 + 1.25}{3}$			25.62
1 x 2.0 m	✓	$\frac{4.30 + 4.40}{2}$	$+ 7.35$	$/ 2$	
		$\times \frac{1.5 + 1.8 + 1.25}{3}$			17.55
1 x 15.0 m	✓	$\frac{1.0 + 6.90}{2}$	$+ 2.42$	$/ 2$	
		$\times \frac{1.0 + 1.5 + 1.90}{3}$			37.07
1 x 3.70 m	✓	$\frac{1.5 + 1.40}{2}$	$+ 2.45$	$/ 2$	
		$\times \frac{0.80 + 1.20}{2}$			7.22
1 x 2.9 m	✓	$\frac{3.80 + 3.90}{2}$	$+ 6.25$	$/ 2$	
		$\times \frac{0.90 + 1.50}{2}$			12.12
1 x 2.30 m	✓	$\frac{4.10 + 3.90}{2}$	$+ 6.00$	$/ 2$	

	✓	$\frac{1.20 + 0.80}{2}$			11.50
1 x 6.10 m	✓	$\frac{1.0 + 1.20}{2}$	$+ 2.60$	$/ 2$	
		$\times \frac{1.50 + 1.60 + 1.40}{3}$			16.93
1 x 3.50 m	✓	$\frac{3.80 + 3.50}{2}$	$+ 6.35$	$/ 2$	
		$\times \frac{0.8 + 0.60}{2}$			12.25
1 x 31.50 m	✓	$\frac{1.20 + 1.30}{2}$	$+ 3.02$	$/ 2$	
		$\times \frac{1.90 + 1.6 + 1.80}{3}$			118.81
1 x 5.0 m	✓	$\frac{1.20 + 1.30}{2}$	$+ 2.48$	$/ 2$	
		$\times \frac{1.20 + 1.50 + 1.0}{3}$			11.50
1 x 5.0 m	✓	$\frac{3.50 + 3.40}{2}$	$+ 5.38$	$/ 2$	
		$\times \frac{0.90 + 1.20 + 0.80}{3}$			21.34
1 x 7.90 m	✓	$\frac{2.10 + 2.30}{2}$	$+ 4.93$	$/ 2$	
		$\times \frac{1.8 + 2.1 + 1.60}{3}$			45.12
1 x 19.10 m	✓	$\frac{1.0 + 1.10 + 1.20}{3}$	$+ 3.37$	$/ 2$	

Continuation

$$\times \frac{2.30 + 2.6 + 1.90}{3} = 96.76$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 8.0m x	(1.70 + 1.60 + 1.65 + 2.89)/2				
	x 0.90 + 1.60 + 1.20 =				22.35 m ²
1 x 5.0m x	(1.0 + 1.10 + 2.40)/2				
	x 1.20 + 1.50 =				11.64 "
1 x 3.60m x	(4.30 + 4.40 + 6.05)/2				
	x 0.80 + 0.90 =				15.91 "
1 x 6.20m x	(1.0 + 1.10 + 2.45)/2				
	x 1.50 + 1.30 =				15.19
1 x 7.0m x	(1.80 + 1.70 + 1.60 + 3.50)/2				
	x 1.80 + 2.10 + 1.50 =				32.76 "
1 x 7.0m x	(1.0 + 1.10 + 2.05)/2				
	x 0.90 + 1.50 + 0.60 =				10.85 "
1 x 19.60m x	(1.9 + 1.9 + 2.0 + 3.93)/2				
	x 1.6 + 2.60 + 1.80 =				114.86 "
1 x 4.0m x	(3.80 + 3.90 + 5.55)/2				
	x 0.80 + 0.90 =				15.98 "
1 x 28.0m x	(1.40 + 1.20 + 1.0 + 2.35)/2				
	x 1.15 + 1.6 + 1.0 =				60.38 "
1 x 4.0m x	(3.1 + 3.50 + 4.90)/2				
	x 0.80 + 0.90 + 0.70 =				13.12 "
1 x 2.0m x	(3.0 + 3.20 + 4.50)/2				
	x 0.80 + 0.60 =				5.32 "
1 x 17.0m x	(1.10 + 1.0 + 0.90 + 2.43)/2				
	x 1.20 + 1.8 + 1.30 =				41.79 "
1 x 2.0m x	(3.40 + 3.50 + 4.55)/2				
	x 0.5 + 0.60 =				4.40 "

Continuation

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:-	FOR	PA	RT	'n'	
Temporary Restored					
Name of Road:-	Approach	Road			
From Kalnawara village					
For Bridge across bridge					
Sudhami River on.					
Agency:-	Departmental	work			
Length:-	0.700	Km			
Block:-	Bulrampur				
① Plu brick bat including					
Spreading laying					
compacting with C.F					
Hammer all comp job.					
1016.10m ³ B.V.T.M.B.P - (A)					
@ Rs. 1717.370/m ³					Rs - 1745020.00
					Rs - 1745020.00
Add 12% GST (+)					Rs - 209402.00
Add 1% L. cells (+)					Rs - 174502.00
Add 10% S. fee (+)					Rs - 129600.00
					Rs - 210492.00
<i>(Signature)</i>					
<i>(Signature)</i>					
AE					
SAHS					
20/01/21					
20/01/21					
SE					

Continuation