APPROACH ROAD FROM KALAHAWARA VILLAGE FOR BRIDGE ACROSS BRIDGE SUDHANI RIVER ON CH TO FDR

Schedule XLV-Form No. 134

BARJOI DIVISION

Barampur SUB-DIVISION

MEASUREMENT BOOK

M.B. No. 1698

Certify that this M.B. contains 100 (one hundred) machine printed pages issued to A.E.R.W.D. (W) Sub-division, Balrampur.

Executive Engineer
Rural Works Department
Works Division, Barsoi
4/9/2020

Sch. XLV - Form No. 134

BARSOI DIVISION

Balrampur SUB-DIVISION

Measurement Book

No. 1698

EDR - PART - 'A'

1

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 :- EDR (part A) / Temporary Restored					
Name of Road :- Approach Road from Kalmajori village for bridge Across bridge Sudhani 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.I. Hammer					
E.I.					
1		$\frac{5.10+4.90+5.2}{3}$ + 7.47)/2 × (1.3 + 1.25 + 1.20 + 1.25 + 1.20)/5			= 83.05 m²
1	5.0 m	(1.10 + 1.0 + 2.18)/2 × $\frac{1.15+1.10}{2}$			= 9.08 "
1	3.0 m	(4.0 + 3.90 + 6.40)/2 × $\frac{1.20+1.25}{2}$			19.02 "
1	2.0 m	(3.50 + 3.60 + 6.30)/2 × $\frac{1.50+1.25}{2}$			= 13.54 "
		Continuation			

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 × 4.0 m ×		$\left(\frac{4.0+4.10}{2}\right.$	$+6.4$	$\left.8\right)/2$	
	×	$\frac{0.9+1.50+1.25}{3}$		=	25.62
1 × 2.0 m ×		$\left(\frac{4.30+4.40}{2}\right.$	$+7.3$	$\left.5\right)/2$	
	×	$\frac{1.5+1.8+1.20}{3}$		=	17.55
1 × 15.0 m ×		$\left(\frac{1.0+0.90}{2}\right.$	$+2.42$	$)/2$	
	×	$\frac{1.0+1.5+1.90}{3}$		=	37.07 "
1 × 3.70 m ×		$\left(\frac{1.5+1.40}{2}\right.$	$+2.45$	$)/2$	
	×	$\frac{0.80+1.20}{2}$		=	7.22 "
1 × 2.9 m ×		$\left(\frac{3.80+3.90}{2}\right.$	$+6.25$	$)/2$	
	×	$\frac{0.90+1.50}{2}$		=	12.12 "
1 × 2.30 m ×		$\left(\frac{4.10+3.90}{2}\right.$	$+6.0$	$)/2$	
	×	$\frac{1.20+0.80}{2}$		=	11.50 "
1 × 6.10 m ×		$\left(\frac{1.0+1.20}{2}\right.$	$+2.60$	$)/2$	
	×	$\frac{1.50+1.60+1.40}{3}$		=	16.93 "
1 × 3.50 m ×		$\left(\frac{3.80+3.50}{2}\right.$	$+6.35$	$)/2$	
	×	$\frac{0.8+0.60}{2}$		=	12.25 "
1 × 31.50 m ×		$\left(\frac{1.20+1.30+3.02}{2}\right.$		$)/2$	
	×	$\frac{1.90+1.6+1.80}{3}$		=	118.81 "
1 × 5.0 m ×		$\left(\frac{1.20+1.30}{2}\right.$	$+2.48$	$)/2$	
	×	$\frac{1.20+1.50+1.0}{3}$		=	11.50 "
1 × 5.0 m ×		$\left(\frac{3.50+3.40}{2}\right.$	$+5.38$	$)/2$	
	×	$\frac{0.90+1.20+0.80}{3}$		=	21.34 "
1 × 7.90 m ×		$\left(\frac{2.10+2.30}{2}\right.$	$+4.03$	$)/2$	
	×	$\frac{1.8+2.1+1.60}{3}$		=	45.12 "
1 × 19.10 m ×		$\left(\frac{1.0+1.10+1.20}{3}\right.$		$\left.3.37\right)/2$	
	×	$\frac{2.30+2.6+1.90}{3}$		=	9.676 "

Continuation

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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 +	2.88)/2	
	X 0.90 +	1.60 + 1.20	=		22.35 m²
		3			
1 X 5.0m X	(1.0 +	1.10 +	2.40)/2		
		X 1.20 + 1.50	=		11.64 "
		2			
1 X 3.60m X	(4.30 +	4.40 +	6.05)/2		
		X 0.80 + 0.90	=		15.91 "
		2			
1 X 6.20 m X	(1.0 +	1.10 +	2.45)/2		
	X	1.50 + 1.30	=		15.19
		2			
1 X 7.0 m X	(1.80 +	1.70 +	1.60 +	3.50)/2	
	X	1.80 + 2.10 +	1.50	=	32.76 "
		3			
1 X 7.0 m X	((1.0 +	1.10 +	2.05)/2		
	X 0.90 +	1.50 + 2.60	=		10.85 "
		3			
1 X 19.60 m X	(1.9 +	1.9 +	2.0 +	3.93)/2	
	X	1.6 + 2.60 +	1.80	=	114.86 "
		3			
1 X 4.0 m X	(3.80 +	3.90 +	5.55)/2		
		X 0.80 + 0.90	=		15.98 "
		2			
1 X 28.0m X	(1.10 +	1.20 +	1.0 +	2.35)/2	
	X	1.15 + 1.6 +	1.0	=	60.38 "
		3			
1 X 4.0m X	(3.1 +	3.50 +	4.90)/2		
	X	0.80 + 0.90 +	0.70	=	13.12 "
		3			
1 X 2.0m X	(3.0 +	3.20 +	4.50)/2		
	X	0.80 + 0.60	=		5.32 "
		2			
1 X 17.0m X	(1.10 +	1.0 +	0.90 +	2.43)/2	
	X	1.20 + 1.8 +	1.30	=	41.79 "
		3			
1 X 2.0m X	(3.40 +	3.50 +	4.55)/2		
		X 0.5 + 0.60	=		4.40 "
		2			

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 X 3.0 m X	(3.10	$\frac{+3.60}{2}$	+4.35)/2		
	X	$\frac{0.7+0.5}{2}$		=	7.11 m³
1 X 26.0 m X	(1.4	$\frac{+1.45+1.60}{3}$	+2.85)/2		
	X	$\frac{1.20+1.4+1.50}{3}$		=	76.93 "
1 X 2.0 m X	(3.80	$\frac{+3.90}{2}$	+4.85)/2		
		X $\frac{0.40+0.60}{2}$		=	4.35 "
1 X 3.0 m X	(2.10	$\frac{+2.50}{2}$	+2.90)/2		
		X $\frac{0.7+0.5}{2}$		=	4.68 "
				Q+Y=	1016.10 m³

6/4/21
JE