

Road Name: Satalpur chhela to Jathua Jambhori ghut

Executive Engineer

R.W.D. (M) Division

Motihari

Measurement Book

Schedule XLV-Form No. 134

R. M. D. Works

DIVISION

Safauri

SUB-DIVISION

M. B. H. 6127.

Certified that this measurement
book contained on records (100)
machine printing paper only. Issued
to RWD Work Sub. Sepaul.

Yojiraj
Executive Engineer
R.W.D. (W) Division
Motihari
20.6.2021

Sch. XLV - Form No. 134

RWD Work DIVISION

Sepaul, SUB-DIVISION

Executive Engineer
R.W.D. (W) Division
Motihari

Measurement Book

No.

M.2. A 6127.

Name of Officer _____

Date of first entry _____

Date of last entry _____

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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.	
Road Name: Emergency repair of Road from Litalpur chhula to Jitwa Jemson ghat under FDR 2021-22					
① Providing and laying of dry graded Berck bats including light Compaction etc. All complete as per approval					

design specification & direction of E/I

Recogid entry				
CH	Measurement	Qty (m ³)		
300m	$13.0 \times 3.75 \times 0.40 =$	19.50 m ³		
350m	$22.0 \times 2.50 \times 0.40 =$	22.00 "		
500m	$2.0 \times 1.00 \times 0.15 =$	0.30 "		
550m	$2.0 \times \frac{4.00 \times 0.40 + 0.80}{2} =$	4.80 "		
700m	$48.0 \times \frac{3.50 \times 0.30 + 0.60}{2} =$	67.73 "		
800m	$4.60 \times \frac{4.57 \times 0.50 \times 0.45}{2} =$	8.28 "		
810m	$3.0 \times 2.00 \times 0.200 =$	1.20 "		
890m	$11.50 \times \frac{3.50 + 5.50}{2} \times 1.8 =$	77.63 "		
910m	$5.0 \times 4.10 \times 0.25 =$	5.13 "		

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BF	Qty	206.57 m ³
950m	14.0	3.50	x	0.200	= 9.80 m ³
1000m	27.0	3.64	$\frac{4.0 \times 0.70 + 0.90}{2}$		= 118.40 "
1100m	23.0	3.10	$\frac{5.0 \times 0.80 + 1.00}{2}$		= 82.80 "
1123m	20.0	4.0	$\frac{5.0 \times 0.70 + 0.70}{2}$		= 54.00 "
1170m	15.0	3.75	$\frac{5.25 \times 0.80 + 1.20}{2}$		= 67.50 "
1250m	13.0	3.00	x	0.200	= 7.80 "
1350m	8.50	4.30	x	0.200	= 7.31 "
1380m	53.0	3.80	$\frac{5.20 \times 0.50 + 0.10}{2}$		= 143.10 "
1450m	14.0	3.90	$\frac{6.10 \times 0.70 + 1.40}{2}$		= 84.00 "
2450m	55.0	4.30	$\frac{0.40 \times 0.60}{2}$		= 118.25 "
2550m	23.0	3.0	$\frac{5.0 \times 0.70 + 1.10}{2}$		= 82.80 "
2600m	20.0	3.80	$\frac{6.20 \times 0.80 + 1.20}{2}$		= 100.00 "
2900m	5.0	3.80	x	0.40	= 7.60 "
2930	8.0	3.50	$\frac{5.10 \times 1.20 + 1.80}{2}$		= 52.80 "
3500m	10.0	3.90	x	0.200	= 7.80 "
3700m	57.0	4.0	$\frac{6.0 \times 0.75 + 1.05}{2}$		= 256.50 "
4100m	20.0	3.50	x	0.150	= 10.50 "
4200m	10.0	3.10	$\frac{6.30 \times 1.40 + 1.60}{2}$		= 75.00 "
4210m	6.0	2.00	x	0.30	= 3.60 "
4300m	7.0	3.60	$\frac{4.0 \times 0.45}{2}$		= 11.97 "
4315m	15.0	3.70	x	0.900	= 11.10 "
4350m	5.0	3.50	x	0.45	= 7.88 "
4420m	11.0	2.0	$\frac{3.0 \times 1.20 + 0.80}{2}$		= 27.50 "
4500m	10.0	4.00	x	0.300	= 12.00 "
4510m	30.0	3.4	$\frac{4.0 \times 1.20 + 1.80}{2}$		= 166.50 "

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF qty -	1983.08 m ²
4542m	5.0X	3.75	0.30		5.63 11
4800m	11.0X	4.60	0.45	0.75	30.36 11
5850m	32.0X	4.00	0.45		57.60 11
6000m	2.0X	1.00	0.15		0.30 11
6100m	3.20X	4.00	0.40		5.12 11
6130m	12.0X	3.00	0.30		10.80 11
6180m	13.0X	3.20	0.20	0.40	12.48 11
6260m	12.0X	1.00	0.30		3.60 11
6380m	10.0X	4.20	0.200		8.00 11
6390m	10.0X	3.00	0.80	1.20	40.00 11
6400m	7.0X	3.20	2.80	0.200	4.20 11
6415m	2.0X	2.00	0.200		0.80 11
6500m	8.0X	3.00	0.25	0.35	7.20 11
6520m	2.0X	2.00	0.200		0.80 11
				Qty -	1905.54 m ²
② providing and laying of					
1000mm dia H.P. RP 3					
18 Nos x 2.50m					45.00 m
520/54/21					
J.E					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Reciprocity</u>					
① Provisioning and buying of clay-goulded Brick lots including Girdal compacting of e.t.c. All complete as per approved design specification and direction of E/I.					
CH	<u>Measurement</u>				Qty (m ³)
350 m (II)	22.0	2.50	0.45	=	24.75 m ³
700 (II)	43.0	3.50	0.20	=	32.06 "
890 (II)	11.50	4.50	0.300	=	15.83 "
1000 (II)	37.0	3.80 + 4.20 2	0.45	=	66.60 "
1100-1143 (II)	43.0	4.00	0.200	=	34.40 "
1380 m (II)	53.0	3.50	0.200	=	37.10 "
2450 m (II)	53.0	4.00	0.150	=	31.80 "
2550 m (II)	23.0	4.00	0.200	=	18.40 "
2930 m (II)	8.0	4.50	0.300	=	10.80 "
3700 m (II)	57.0	3.50	0.200	=	39.90 "
4510 m (II)	30.0	3.70	0.200	=	22.20 "
4800 (II)	10.0	4.00	0.150	=	6.00 "
5850 (II)	32.0	4.00	0.30 + 0.60 2	=	57.60 "
6380 (II)	10.0	4.00	0.200	=	8.00 "
6390 m (II)	10.0	3.65	0.200	=	7.30 "
				Qty -	412.44 m ³
A 302/11/21 J.F					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of Cost					
① providing and laying of clay graded Brick work including light Compacting e.t.c. All the approved design specification and direction of E.I.					
1905.54 m ³ @ - VTM B P - ③					
412.44 m ³ @ - VTM DP - ④					
2318.98 m ³					
2317.98 m ³					
- 50.90 m ³ Less for H.P NP 3					
2267.08 m ³					
② Rs 1914 = 89/m ³ — Rs					4341209=00
② providing and laying of 1000mm dia H.P NP-3					
45.00 RM @ Rs 2781 = 35/RM					
					Rs - 1251612=00
					Rs 4466370=00
AT 6109/22 J.E					
cap for 20/2/22					

Continuation