L034 - Kadwa to Samtheli (VR38)

Shedule XLV Form No. 134.

Barsoi DIVISION

Kadwa SUB-DIVISION

Measurement Book

~~1509~~

1609

प्रमाणित किया जाता है कि इस नापी पुस्तक में 100 (एक सौ) पन्ने मात्र है इस नापी पुस्तक को सहायक अभियंता, ग्रामीण कार्य विभाग, कार्य आवंटित किया गया है

Executive Engineer
Rural Works Department
Works Division, Barsoi
4-9-20

Sch. XLV-Form No. 134

Barsoi DIVISION

Kadwa SUB-DIVISON

Measurement Book

No. 1609

Name of officer _____

_____

Date of first entry _____

Date of last entry _____

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.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	CH- 2245 P.D.R.				
Name of work - Restoration of L034 Kadwa TO Samthali (VR34)					
Agency - Departmental					
Supplier -					
Authority -					
Date of start -					
Date of completion					
Date of entry -					
	Record measurement				
1. Providing Bricks Bats including spreading, laying and compacting					
	1 ×	150 ×	$\frac{(2.13+3.65)}{2}$ ×	$\frac{(1.90+1.50+1.20+1.50)}{4}$	
				=	66.11 M³
	1 × 19 ×	$\frac{(1.76+3.55)}{2}$ ×	$\frac{(1.65+2.0+1.8+1.7)}{4}$		
				=	90.17 M³
	1 × 42 ×	$\frac{(3.8+8.48)}{2}$ ×	$\frac{(2.0+1.7+2.8+2.9+2.6+1.90)}{6}$		
				=	594.99 M³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$1 \times 10 \times \frac{(3.75+5.07)}{2} \times \frac{(0.55+0.6+0.58+0.78+0.60+0.51+0.89+0.78)}{8}$				=	$31.96\ m^3$
$1 \times 8.0 \times \frac{(3.65+4.90)}{2} \times \frac{(0.70+0.60+0.54+0.60+0.80+0.72+0.55+0.48)}{8}$				=	$21.33\ M^3$
$1 \times 21 \times \frac{(3.70+7.10)}{2} \times \frac{(1.50+1.90+1.70)}{3}$				=	$192.78\ M^3$
$1 \times (50+5)$ $1 \times 55 \times \frac{(3.5+6.5)}{2} \times \frac{(1.20+1.5+2.3+1.0)}{4}$				=	$412.50\ M^3$
$1 \times 5 \times \frac{(2.5+3.28)}{2} \times \frac{(0.7+0.8+0.85)}{3}$				=	$11.32\ M^3$
$1 \times 16 \times \frac{(3.9+5.73)}{2} \times \frac{(0.80+0.9+1.20+0.75)}{4}$				=	$70.03\ M^3$
$1 \times 50 \times \frac{(1.29+2.11)}{2} \times \frac{(1.20+1.10+1.10+1.20)}{4}$				=	$92.75\ M^3$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x (50 + 30.0)					
1 x 80 x (1.30 + 1.80 / 2)				x (0.45 + 0.50 + 0.40 + 0.60 + 0.55 / 5)	
				=	62.00 M³
1 x 31 x (3.10 + 4.49 / 2)				x (0.55 + 0.640 + 0.73 + 0.65 + 0.75 + 0.86 / 6)	
				=	81.96 M³
1 x 9.6 x (3.8 + 5.56 / 2)				x (0.95 + 0.82 + 0.90 + 0.85 / 4)	
				=	39.54 M³
1 x 37.60 x (3.54 + 5.14 / 2)				x (0.75 + 0.80 + 0.925 + 0.70 + 0.80 + 0.68 + 0.92 + 0.74 + 0.80 / 10)	
				=	130.79 M³
1 x 12 x (4.2 + 5.95 / 2)				x (0.90 + 0.85 + 0.90 + 0.85 / 4)	
				=	53.29 M³
1 x 16.5 x (4.07 + 5.70 / 2)				x (0.75 + 0.80 + 0.82 + 0.90 + 0.74 + 0.90 / 6)	
				=	65.96 M³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B	D.	

$1 \times 4.6 \times \frac{(3.30+4.48)}{2} \times \frac{(0.60+0.70+0.55+0.50)}{4}$

$= 10.51\ m^3$

$1 \times 15 \times \frac{(3.15+4.42)}{2} \times \frac{(0.68+0.50+0.65+0.74)}{4}$

$= 35.91\ m^3$

$1 \times 35.00 \times \frac{(4.03+5.20)}{2} \times \frac{(0.50+0.35+0.42+0.60+0.58+0.80+0.78+0.65)}{8}$

$= 94.49\ m^3$

$1 \times 7 \times \frac{(2.20+2.45)}{2} \times \frac{(0.20+0.25+0.30+0.21+0.26+0.29)}{6}$

$= 4.10\ m^3$

$1 \times 29 \times \frac{(3.35+4.32)}{2} \times \frac{(0.50+0.44+0.52+0.65+0.50+0.35+0.45+0.48)}{8}$

$= 54.08\ m^3$

$1 \times 26 \times \frac{(3.25+4.03)}{2} \times \frac{(0.40+0.50+0.42+0.32+0.40+0.32+0.41+0.35)}{8}$

$= 36.91\ m^3$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Co of area
1 × 9.0 × (3.13 + 3.91)/2 × (0.3 + 0.40 + 0.55 + 0.60 + 0.35 + 0.32)				6	= 12.25 M³
1 × 38.40 × (3.15 + 4.10)/2 × (0.30 + 0.57 + 0.55 + 0.60 + 0.55 + 0.48 + 0.40 + 0.35)				8	= 66.12 M³
			Total		2337.12 m³
Less Home pipe 2 × (3.14/4 × (1.23)²) × 2.5 = (−) 5.940M³					2331.18M³
(2) Providing and laying Reinforced Cement Concrete pipe NP3 as per design 1000 mm Dia.					
	2	× 2.5 m			= 5.0 m

Continuation

Abstract of C011

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of	work:-		FDR	PART'A'	
	Temporary		Restored		
Name of Road:-	L034	-Kadwa			to
	Samthali	(VR-34)			
Agency:-	Departmental work				
length:-	4.730 km				
Block:-	Kadwa				
① P/L brick bat			including		
spreading	laying		compacting		
with c/I	Hammer		— c/f		
2331.78m3	B.S.T.M.B.P.-⑤				
	@Rs 1717.37/m3			Rs-	4003499.10
② P/L & laying	reinforced				
cement	concrete Pipe				
NP3	(1000 mm dia) — c/f				
5.00 m	B.V.T.M.B.P.-⑤				
	@Rs 4515.62/m			Rs -	22578.00
				Rs -	4026077.10
Add 12% GST @ Rs -					483129.00
Add 1% Cess @ Rs -					40261.00
Add 10% S.Per @ Rs -					2974000
				Rs -	4846867.00

A.E. 18/4/21 GE

Continuation