

FDR - Bettiah Nawalpur to Kharafia Nawalpur

Schedule XLV-Form No. 134

_____ DIVISION

योगा पट्टी

_____ SUB-DIVISION

1769

Measurement Book

1769

प्रमाणित किया जाता है कि वल मी
 पुस्तक में कुल 100 (एक सौ) मात्र
 दृष्ट है। जो वल मी मी
 मागीन मागीन कार्य अथवा प्रमाणन
 मागीन मी FDR- मी नकल
 री खैर मी नकल प्रम हेतु
 निर्मात किया जा रहा है।

Aug. 7.20
 EXECUTIVE ENGINEER
 R.W.D. Works Div. Bettiah

22/7/20

प्रमाणित किया जाता है कि वल मी
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22/7/20
 AE.

Sch. XLV - Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No. 1769

Name of Officer _____

Date of first entry _____

Date of last entry _____

FDR

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 — FDR					
Name of road — Bettiah Nawalpur to Kharatia Nawalpur					
Agency — Departmental					
Authority — EE, RWD (W), Div. of R.					
Div. — RWD (W), Div. Bettiah					
Area — Yagapatti					
Dist. — West Champaran					
Record measurement —					
Brick Bat					
$1 \times 25.0 \text{ m} \times \frac{(3.75 + 5.50)}{2}$					
$\times \frac{(0.40 + 0.80 + 0.40)}{3} = 51.80 \text{ m}^2$					
$1 \times 22.0 \text{ m} \times \frac{(2.75 + 5.60)}{2}$					
$\times \frac{(0.70 + 0.50)}{2} = 61.71 \text{ m}^2$					
$6 \times 3.0 \text{ m} \times 2.40 \text{ m} \times 0.33 \text{ m} = 16.28 \text{ m}^3$					
$5 \times 4.50 \text{ m} \times 3.75 \text{ m} \times \frac{(0.60 + 0.40)}{2}$					
$\times \frac{(0.30)}{2} = 37.96 \text{ m}^3$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$2 \times 25.0 \text{ m} \times \left(\frac{3.75 + 4.0}{2} \right) \text{ m}$					
$\times \left(\frac{0.60 + 0.40}{2} \right) \text{ m}$					96.875 m^3
$3 \times 30.0 \text{ m} \times \left(\frac{2.1 + 2.5}{2} \right) \text{ m}$					
$\times \left(\frac{0.50 + 0.35}{2} \right) \text{ m}$					87.975 m^3
$1 \times 15.0 \text{ m} \times \left(\frac{2.1 + 1.50}{2} \right) \text{ m}$					
$\times \left(\frac{0.50 + 0.35}{2} \right) \text{ m}$					11.475 m^3
$1 \times 26.0 \text{ m} \times \left(\frac{2.6 + 2.1}{2} \right) \text{ m}$					
$\times \left(\frac{0.55 + 0.30}{2} \right) \text{ m}$					25.968 m^3
$6 \times 3.20 \text{ m} \times 2.60 \text{ m} \times 0.40 \text{ m}$					19.968 m^3
$5 \times 3.30 \text{ m} \times 2.70 \text{ m} \times 0.30 \text{ m}$					13.365 m^3
$2 \times 6.1 \text{ m} \times 2.70 \text{ m} \times 0.35 \text{ m}$					11.34 m^3
$4 \times 3.80 \text{ m} \times 2.20 \text{ m} \times 0.35 \text{ m}$					11.704 m^3
$4 \times 2.50 \text{ m} \times 2.40 \text{ m} \times 0.45 \text{ m}$					10.80 m^3
$3 \times 2.80 \text{ m} \times 2.40 \text{ m} \times 0.30 \text{ m}$					5.292 m^3
Total =					462.62 m^3
<i>R. D. ...</i>					
<i>J.E.</i>					

Particulars	Details of actual measurement			Quantity in m ³
	No.	L	B	
Record measurement - Earthwork (in flume)				
$2 \times 16.0m \times \frac{(2.05 + 1.10)}{2}m$				
$\times \frac{(1.10 + 0.90)}{2}m$				$50.40m^3$
$2 \times 25.0m \times \frac{(1.05 + 1.95)}{2}m$				
$\times \frac{(1.50 + 1.20 + 0.90)}{3}m$				$90.00m^3$
$4 \times 12.0m \times \frac{(2.20 + 2.0)}{2}m$				
$\times 0.80m$				$61.44m^3$
$2 \times 28.0m \times \frac{(1.30 + 2.10)}{2}m$				
$\times 0.90m$				$85.68m^3$
				$Total = 287.52m^3$
Subd. 20.10.20 J.E.  20/10 AE Subd. 20.10.20				

Abstract of cost

4

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work					FDR
Name of road					Bethiah Nawalpur to Khariatia Nawalpur.
Agency					Departmental
Authority					EE RWD (W) Div. Bethiah
Block					Jogapatti
Dist.					West Champaran

1. Const. of embankment with obtained from/w cutting.

Qty. wide TMB P-3

= 287.52 m³ @ Rs. 25.32

Rs. 7280 = U

2. Placing tractor at loading point.

Qty. wide TMB P-3 =

287.52 m³ @ Rs. 450.77/m³

Rs. 129606 = 28

3. Laying Brick bats.

Qty. wide TMB P-2

= 362.62 m² @ Rs.

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
$\Sigma A. 462.62 m^3$					
$1703.77 / m^3$					
Load material					Rs. 925086=47
Add Cst @ 12%.					Rs. 111010=38
Add L.C. @ 1%.					Rs. 9250=86
Add S.C. @ 10% of					
Basic material rate					Rs. 48049=34
Total Cst of work					Rs. 1093397=05
Say total					Rs. 10,93,397=00
Rs. 25.11.21					
S.E.					