

प्रमाणित किया जाता है कि उक्त
कापी पुस्तक में प्रमाणित = 100 = 00
रुक सौ है। जो सहायक
अभिमान हाजीपुर निवास
निमित्त किया जाता है।

9/5/21
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल हाजीपुर
R121
25-05-21

Sch. XLV—Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No. **2804**

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.	
Name of road: — Repair & road from Dishi Block Gate to North Durga Sthan					
Scheme — "MR" (ongoing)					
L = 0.90 km					
Year — 2021-22					
Work — FDR					
Agency — Amresh Singh / Department					
Date of entry: — 20/07/21					
Record entry					

Item (1) Providing, laying

Spreading and compacting

brick bats ... do ... E1

$$1 \times 30 \times \left(\frac{15.0 + 5.5}{2} \right) \times \left(\frac{0.075 + 0.30}{2} \right) = 1.53 \text{ M}^3$$

$$2 \times 30 \times \left(\frac{5.25 + 5.50}{2} \right) \times 0.30 = 96.75 \text{ M}^3$$

$$1 \times 30 \times \left(\frac{5.0 + 4.9}{2} \right) \times 0.25 = 37.125 \text{ M}^3$$

$$1 \times 30 \times \left(\frac{5.0 + 4.6}{2} \right) \times 0.10 = 14.70 \text{ M}^3$$

$$1 \times 30 \times \left(\frac{4.5 + 3.8}{2} \right) \times 0.30 = 31.35 \text{ M}^3$$

from fly-over side: —

$$2 \times 30 \times \left(\frac{4.30 + 4.5 + 6.0}{3} \right) \times (0.075 + 0.30 + 0.45) = 110.925$$

$$= 60 \times 4.93 \times 0.375 = 81.345 \text{ M}^3$$

$$2 \times 30 \times \left(\frac{4.0 + 4.5 + 3.70}{3} \right) \times (0.075 + 0.25 + 0.30) = 60.66 \text{ M}^3$$

$$= 60 \times 4.06 \times 0.208 = 60.66 \text{ M}^3$$

Continuation 0.245 66.99 M³

$$177.915 \text{ M}^3$$

$$182.005 \text{ M}^3$$

— C/O

Sch. XLV—Form No. 134 ² 177.915 M³
B/F - 182-005 M³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 X 30 X $\left(\frac{3.50+3.6+3.70}{3}\right) \times \left(\frac{0.075+0.30+0.45}{3}\right)$					
	3			2	2
= 60 X 3.60 X 0.375					81.0 M ³ 84.40 M ³
1 X 30 X $\left(\frac{3.75+3.5}{2}\right) \times \left(\frac{0.30+0.6+0.90}{3}\right)$					
	2			3	
					= 65.25 M ³
1 X 20 X $\left(\frac{3.30+3.50+3.75}{3}\right) \times \left(\frac{0.3+0.45+1}{3}\right)$					
	3			3	
					= 31.59 M ³

Ch-280 filling for 1000mm
dia Hume pipe

$$1 \times \left(\frac{4.0+5.0}{2}\right) \times 1.83 \times 1.80 \text{ (avg)} = 14.82 \text{ M}^3$$

pipe Bed

$$1 \times 5.0 \times 1.83 \times 0.30 = 2.74 \text{ M}^3$$

Less for hp

$$1 \times \frac{22}{7} \times \left(\frac{1.23}{4}\right)^2 \times 5.0 = 1.594 \text{ M}^3$$

Ch-600-900

$$3 \times 30 \times \left(\frac{3.50+4.0+4.3}{3}\right) \times \left(\frac{0.10+0.3+0.45}{3}\right)$$

$$= 100.09 \text{ M}^3$$

$$3 \times 30 \times \left(\frac{3.6+4.1+4.3}{3}\right) \times \left(\frac{0.075+0.3+0.45}{3}\right)$$

$$= 99.0 \text{ M}^3$$

$$1 \times 25 \times \left(\frac{3.70+4.5+4.0}{3}\right) \times \left(\frac{0.075+0.3+0.45}{3}\right)$$

$$= 27.91 \text{ M}^3$$

less for old slab culvert:

Continuation

$$394.375 \text{ M}^3$$

$$526.865 \text{ M}^3$$

— C/O

Name of road - Repair of road			
from Durgu Block Gate to			
North Durga sthan			
Status - ongoing			
L = 0.90 m			
Item ① P/L spreading -			
brick bats - do. E/I			
1 x 25 x 4.0 x 0.15 =			14.40 m³ ^{15.0 m³}
1 x 20.0 x 3.80 x 0.15 =			11.40 m ³
1 x 15.70 x 3.50 x 0.20 =			10.99 m ³
1 x 27.50 x 3.70 x 0.10 =			10.175 m ³
Total q.b. =			47.565 m ³
Su			
29.07.21			
S.E			
Sanjay			
29.7.21			

$$47.565 \text{ m}^3$$
$$47.565 \text{ m}^3$$

Continuation

Continuation