

NAME OF ROAD :- Khairia Satra bhat Path S.H-90
Mashrak, bopaxaxi to Baniyapur

Schedule XLV-Form No. 134

Via Dami Bafaz, Sikati Mangal Hal-
bopaxaxi Path.

MR-N-3054.

Executive Engineer
Rural Works Department
Mandla

DIVISION

MASHIRAKH. **SUB-DIVISION**

MBNO:- 903.

MEASUREMENT BOOK

RATU KUMAR SINGH.

Record Entry

Date of measurement:- 23/12/20
23/12/2020

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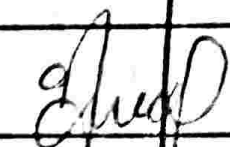
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Providing WBM Gr-2 Laying Spreading and Compacting Stone egg. of specific Size to water Bound me macadam as per Tech Spec & Qty As per Pot. measurement in BT Portion /					
2 NOS x 4.20 x 0.75 x 0.075					= 0.472 m ³
5 NOS x 3.20 x 0.77 x 0.075					= 0.924 "
3 NOS x 1.87 x 0.65 x 0.075					= 0.275 "
2 NOS x 2.65 x 0.85 x 0.075					= 0.340 "
4 NOS x 2.60 x 0.65 x 0.075					= 0.507 "
4 NOS x 4.00 x 0.80 x 0.075					= 0.960 m ³
2 NOS x 3.50 x 0.85 x 0.075					= 0.450 "
2 NOS x 3.45 x 1.25 x 0.075					= 0.650 "
4 NOS x 1.87 x 0.95 x 0.075					= 0.533 "
2 NOS x 2.35 x 1.00 x 0.075					= 0.350 "
2 NOS x 3.55 x 0.70 x 0.075					= 0.370 "
6 NOS x 1.55 x 1.00 x 0.075					= 0.697 "
6 NOS x 1.65 x 1.15 x 0.075					= 0.853 "
4 NOS x 2.35 x 0.76 x 0.075					= 0.535 "
6 NOS x 2.31 x 0.90 x 0.075					= 0.935 "
3 NOS x 2.50 x 0.85 x 0.075					= 0.478 "
3 NOS x 3.99 x 0.85 x 0.075					= 0.763 "
2 NOS x 2.65 x 0.80 x 0.075					= 0.318 "
3 NOS x 3.65 x 0.99 x 0.075					= 0.813 "

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 NOS X	1.35	1.25	0.75		0.253 m^3
6 NOS X	1.40	1.00	0.75		0.630 m^3
6 NOS X	2.35	0.85	0.75		0.898 m^3
2 NOS X	2.75	1.03	0.75		0.425 m^3
3 NOS X	2.35	0.85	0.75		0.450 m^3
3 NOS X	2.25	0.75	0.75		0.380 m^3
2 NOS X	3.45	0.85	0.75		0.440 m^3
3 NOS X	3.10	0.79	0.75		0.551 m^3
Total =					15.250 m^3

Total = 15.250 m³


23/12/2024

Record Entry.

Date of measurement:- 28/12/2022

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Providing WBM Gr-3					
Laying, Spreading & Comp					
Stone aggregate of Specific					
Size & work done as					
Per Tech. Specification					
And In Brick Setting Portion					
(A) 20 Nos x 3.00 x 3.75 x 0.075 =					168.75 m ³
Qty As Per Pot Measurement					
2 Nos x 5.25 x 0.850 x 0.075 =					0.670 m ³
5 Nos x 4.00 x 0.90 x 0.075 =					0.903 "
3 Nos x 2.35 x 0.75 x 0.075 =					0.396 "
2 Nos x 3.350 x 0.98 x 0.075 =					0.492 "
4 Nos x 3.25 x 0.75 x 0.075 =					0.731 "
4 Nos x 4.95 x 0.90 x 0.075 =					1.336 "
2 Nos x 4.15 x 0.95 x 0.075 =					0.600 "
2 Nos x 4.26 x 1.45 x 0.075 =					0.927 "
4 Nos x 2.35 x 1.10 x 0.075 =					0.775 "
2 Nos x 2.90 x 1.15 x 0.075 =					0.500 "
2 Nos x 4.450 x 0.85 x 0.075 =					0.567 "
6 Nos x 1.95 x 1.15 x 0.075 =					1.009 "
6 Nos x 2.06 x 1.30 x 0.075 =					1.205 "
4 Nos x 2.90 x 0.90 x 0.075 =					0.783 "
6 Nos x 2.90 x 1.00 x 0.075 =					1.305 "
3 Nos x 3.10 x 0.92 x 0.075 =					0.642 "

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3 Nos $\times 5.00 \times 0.99 \times 0.075 =$					1.114 m ³
2 Nos $\times 2.50 \times 1.00 \times 0.075 =$					0.375 "
3 Nos $\times 4.55 \times 1.15 \times 0.075 =$					1.177 "
2 Nos $\times 1.65 \times 1.35 \times 0.075 =$					0.334 "
6 Nos $\times 1.70 \times 1.12 \times 0.075 =$					0.856 "
6 Nos $\times 2.91 \times 0.98 \times 0.075 =$					1.283 "
2 Nos $\times 3.45 \times 1.20 \times 0.075 =$					0.621 "
3 Nos $\times 2.90 \times 0.97 \times 0.075 =$					0.645 "
3 Nos $\times 2.75 \times 0.85 \times 0.075 =$					0.525 "
2 Nos $\times 4.30 \times 1.00 \times 0.075 =$					0.645 "
3 Nos $\times 3.90 \times 0.90 \times 0.075 =$					0.809 "
(B) Total =					21.223 m ³
So, Total Area for WBM					
Gr. 3 in BT Portion.					
$= \frac{21.223 \text{ m}^3}{0.075} = 282.97 \text{ m}^2$					
(C) But limit Qty = 282.94 m ²					
Here, Total Qty (A) + (B) = 189.973 m ³					
Say = 189.97 m ³					
J.E.					

Continuation

A-E

Mashrafi.

Date: - 25/12/2022

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Sch. XLV-Form No. 134

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

H. P. Culvert (2 Nos)

1) Earth work in excavation for foundⁿ — do —

Head wall

$$2 \times 2 \times 6.450 \times 1.40 \times 1.50 = 54.18 \text{ m}^3$$

Below Pipe

$$2 \times 1 \times 4.850 \times 1.530 \times 0.365 = 5.416 \text{ m}^3$$

$$10 + 4 = 59.596 \text{ m}^3$$

2) P/V m-15 (Pcd: 215.5) as

levelling course in foundⁿ

Head wall

$$2 \times 2 \times 6.45 \times 1.40 \times 0.150 = 5.418 \text{ m}^3$$

Below Pipe

$$2 \times 1 \times 4.931 \times 1.53 \times 0.250 = 3.772 \text{ m}^3$$

$$\text{Total} = 11.190$$

3) Providing and Laying

Rcc Pipe NR-3 for culverts on 1st class Bedding - di-

$$2 \times 3 \times 2.50 = 15.0 \text{ mtr}$$

Supd

25/12/2022

JE

Date of Entry:- 20/12/22

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Plain/Reinforced Cement Concrete in Sub-Structure					
Complete as per drawing & Tech. Specifications -					
Head wall					
$2 \times 2 \times 6.150 \times 0.825 \times 3.180 = 64.540 m^3$					
Parapet wall					
$2 \times 2 \times 6.150 \times 0.400 \times 0.60 = 5.904 m^3$					

Loss for Pipe					
$2 \times 2 \times \frac{\pi}{4} \times (1.23)^2 \times 0.622 = 2.956 m^3$					

Total = 67.488 m³

Shub
20/12/2022
JE

Record Entry

Date:-

1) P/v & Laying/applying
Primer Coat with Bitumen
emulsion (SS-1) — do all
jobs —

$$20 \text{ Nos} \times 30.0 \times 3.75 = 2250.00 \text{ m}^2$$

Grade 3 prepared Portion
the qty (SS-1) vide Tm/B

Page No-14 Item No(c) = 282.94 m²

$$\text{Total} = 2532.94 \text{ m}^2$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
13) Providing, Laying & Rolling Patch work over 103m using mss					
Qty = 2532.74 m ² (vide T.M. Pg. 19)					
@ 27576 Rs/m ²					Rs 698,484=0

14) Providing & Laying Semi dense bituminous concrete					
Qty = 147.747 m ³ (vide T.M. Pg. 20)					
@ 15,282.17 Rs/m ³					Rs 22,16,360=0

Total = 3,09,95,555 = 0	
Add SF @ 10% on material = 1,50,254 = 0	
Add GST @ 12% (+) = 37,19,467 = 0	
Add L.C. @ 1% (+) = 3,09,956 = 0	
Total = 3,50,25,978 = 0	
Less 15.77% below = 55,47,124 = 0	
Agreed Total = 296,28,097 = 0	
28/12/2022	
JE	

A/E

Mashrafi.

28/12/2022

JE