

Supplied to Bani Jag - N.Y.H.S.

~~XXXXXXXXXXXX~~

15.05.20

RECEIVED P.W.D.

E.E.R.W.D. work Awarabadi DIVISION

A.E. Kuthumbadi. S.D. DIVISION

XXXXXXXXXXXX

RECEIVED P.W.D. P.B.No. 2654

XXXXXXXXXXXX

Smt - Rina Singh

Certified That this M.B. Containing 100
Pages By Printers Machine And Issued
To Sri.....Baburam.....A.E. R.W.D
Work Sub-Div.....Kutumba.....

Executive Engineer

Rural Works Department

Works Division, Aurangabad

10/11/2020

Schedule XLV - Form No. 134.

B.E. Aurangabad DIVISION.

A.E. Kutumba SUB-DIVISION.

MEASUREMENT BOOK

M.B. No. 2654

211277

Name of owner

Date of first entry

Date of last entry

विहारा मजदुरीचे धंदे, यात ;

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)

ment of the measurements relating to					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
	1st on A/c bill				
N/A -	construction of road from				
	Bunriyad to Bunriyad.				
Agency.	Smt. Reena Singh.				
Agreement No -					
Date of work start -					
Date of completion -					
Date of entry -					
<u>Measurement</u>					
(1) clearing and grading					
road land.					

$2 \times 31 \times 30 \times 3.50 = 6510.00 \text{ m}^3$
$2 \times 1 \times 10 \times 3.50 = 70.00 \text{ m}^3$
6580.00 m^3
$= 0.664 \text{ ec.}$

(2) Dismantling of exist^d
structure like culvert
cement concrete.

$$3 \times 5.31 \times 1.13 \times 0.10 = 1.80 \text{ m}^3$$

(3) Dismantling of exist^d
structure like culvert,
cement mortar

$$3 \times 2 \times 3.75 \times 0.70 \times 2.95 = 46.58 \text{ m}^3$$

$$3 \times 2 \times 3.75 \times 0.40 \times 0.60 = 5.40 \text{ m}^3$$

$$51.98 \text{ m}^3$$

(4) ~~Cut~~ ^{Excavation} Remaining
lime pits up to 600 mm.

Continuation

$$3 \times 3 \times 2.50 = 22.50 \text{ m}^3$$

Sch. XLV-Form No. 132

Sch. XLV Form NO. 15					
Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(5) 14m excavation for 2. of structure.					
600 mm.					
H.W. 3x2x3.90x1.50x1.50 =					40.36 m ³
Bedrock pit. 3x1x5.35x1.13x0.365 =					6.62 m ³
1000 mm.					
H.W. 1x2x6.45x1.40x1.50 =					27.09 m ³
Bedrock pit 1x1x4.85x1.53x0.365 =					2.71 m ³
					76.78 m ³

(6) Providing p.c.c. 17-15					
600 mm. as open foundation.					
H.W.	3x2	3.90	1.15	0.15	4.04 m ³
Bedrock pit.	3x1	5.31	1.13	0.25	4.50 m ³
1000 mm.					

H.W.	1x2	6.45	1.40	0.15	2.71 m ³
Bedrock pit	1x1	4.93	1.53	0.25	1.89 m ³
					13.14 m ³

(7) Providing p.c.c. 17-20					
as substructure.					
600 mm.					
H.W.	3x2	3.60	1.40 + 0.40	2.78	42.03 m ³
Parapet.	3x2	3.60	0.40	0.60	5.18 m ³
Levelling pit.	3x2	0.7857	(0.83) ²	0.53	(-) 1.72 m ³
1000 mm.					
H.W.	1x2	6.15	1.25 + 0.40	3.18	32.27 m ³
Parapet.	1x2	6.15	0.40	0.60	2.95 m ³
Levelling pit.	1x2	0.7857	(1.23) ²	0.62	(-) 1.48 m ³
					79.23 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(8) Providing an layer R.C.C. HP 3/4 pipe of 600 mm.					
		3 x 3 x 2.50			= 22.50 m
(9) Providing an layer R.C.C. HP 3/4 pipe of 1000 mm.					
		1 x 3 x 2.50			= 7.50 m
(10) Providing an layer R.C.C. pipe of 300 mm.					
		2 x 4 x 2.50			= 20.00 m
(11) construction of subgrade and earthen shoulders.					
		31 x 30 x $\frac{6.83 + 7.72}{2}$		0.30	= 2029.73 m ³
		1 x 10 x $\frac{6.83 + 7.72}{2}$		0.30	= 21.83 m ³
					<u>2051.56 m³</u>

(12) construction of
G.S.B.

$$31 \times 30 \times 4.05 \times 0.20 = 753.30 \text{ m}^3$$

$$1 \times 10 \times 4.05 \times 0.20 = 8.10 \text{ m}^3$$

$$\underline{761.40 \text{ m}^3}$$

(13) Providing an layer
with grad. III

$$31 \times 30 \times 3.75 \times 0.075 = 261.56 \text{ m}^3$$

$$1 \times 10 \times 3.75 \times 0.075 = 2.81 \text{ m}^3$$

$$\underline{264.37 \text{ m}^3}$$

(13) constn. of embankment

with material obtained
from borrow pits.

$$\text{Load up to } 100 \text{ m} = 270.08 \text{ m}^3$$

(14) Providing an layer with Gr. III

$$31 \times 30 \times 3.75 \times 0.075 = 261.56 \text{ m}^3$$

$$1 \times 10 \times 3.75 \times 0.075 = 2.81 \text{ m}^3$$

$$\underline{264.37 \text{ m}^3}$$

Sunil Kumar

21/12/2020

JB

Continuation

31.12.20

AE

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
ABSTRACT OF COST					
(1) clearing and grubbing road land.					
0.66 Hec. vide T & B P-1					
					cf. $49496 = 70/4 \text{ Hec} = 32668 = \checkmark$
(2) Dismantling of existing structure like Culvert Cement Concrete.					
1.80 m^3 vide T & B P-1					
					cf. $473 = 83/\text{m}^3 = 853 = \checkmark$
(3) Dismantling of existing structure like Culvert Cement mortar					
51.98 m^3 vide T & B P-1					
					cf. $228 = 72/\text{m}^3 = 11889 = \checkmark$
(4) Removing lime pipe up to 600 mm.					
22.50 m^3 vide T & B P-1					
					cf. $169 = 12/\text{m}^3 = 3805 = \checkmark$
(5) Excavation for foundation of structure					
76.78 m^3 vide T & B P-2					
					cf. $260 = 59/\text{m}^3 = 20008 = \checkmark$
(6) Providing P.C.C. M-15 in open foundation					
13.14 m^3 vide T & B P-2					
					cf. $5308 = 15/\text{m}^3 = 69749 = \checkmark$
(7) Providing P.C.C. M-20 in Substructure.					

Continuation

cf. $138972 = \checkmark$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				B.F.A.	138972 = 0
79.23 m ³ vide T&B P - 2					
				@ 6159 = 92/m ³	488050 = 0
⑧ Providing and laying					
R.C.C. N ₃ H. pipe of 600 mm.					
22.50 m vide T&B P - 3					
				@ 1047 = 03/m	23558 = 0
⑨ Providing and laying					
N ₃ H. pipe of 1000 mm.					
7.50 m vide T&B P - 3					
				@ 3827 = 45/m	28706 = 0
⑩ Providing and laying					
R.C.C. pipe of 300 mm.					
20.00 m vide T&B P - 3					

$$@ 908 = 41/m \rightarrow 18168 = 0$$

⑪ Construction of Subgrade

and earthen shoulders

2051.56 m³ vide T&B P - 3

$$@ 176 = 47/m^3 \rightarrow 362039 = 0$$

⑫ Constn. of embankment

with all material

270.08 m³ vide T&B P - 3

$$@ 130 = 86/m^3 \rightarrow 35343 = 0$$

⑬ Construction of G.S.B.

761.40 m³ vide T&B P - 3

$$@ 2756 = 09/m^3 \rightarrow 2098487 = 0$$

⑭ Providing and laying

W.B.M. grading - III

264.37 m³ vide T&B P - 3

Continuation

$$@ 390 = 38/m^3 \rightarrow 1031408 = 0$$

$$R. 4224731 = 0$$

Sch. XLV-Form No. 134

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