

Priya Ranjan K. Syle

Dhikser Paper - K.P.K. N.S.P.
Sheet XLV - Form No. 1345

Section of

BIHAR P.W.D.

E.C. R.W.D. Ayhanagabud **DIVISION**

Assistant Engineer **2ND DIVISION**

B.W.D. Sub-Div. Kufaymabud

MEASUREMENT BOOK

No. 2635

Certified That This M.B. Contain (100)
Pages By Printers Machine And Issued
To Sri. Baban Ram A.E. R.W.D
Work Sub-Div. Kutumba

YK/10/7/2020
Executive Engineer
Road Works Division, at
Works Division, Aurangabad


10/7/20

Schedule KLV - Form No. 134.

_____ DIVISION.

A.E. Kutumba. SIGNATURE.

MEASUREMENT BOOK.

2635

231278

(e)

Sri Baban Ram A.E. Kutumba.

Date of this entry _____

Use of this entry _____

मि. बाबु राम, का.

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.	
	1st on A/c bill				
N/w. construction of road from Dalibor pipe colony to Dalibor pw					
Agency - Sri Piyu Ranjan K. Singh.					
Agreement No.					
Date of work start.					
Date of completion.					
Date of entry.					
Measurement					

① cleaning and grubbing road land.					
	2x	55x	30x	3.50 =	11550.00 m ²
	2x	1x	25x	3.50 =	175.00 m ²
					<u>11725.00 m²</u>
					= 1.17 Hec.
② Dismantling of existing structure like culvert cement concrete.					
	3x	5.00x	0.90x	0.15 =	2.025 m ³
③ Dismantling of existing structure like culvert cement mortar.					
	3x	2x	3.60x	0.70x	3.98 = 60.17 m ³
	3x	2x	3.60x	0.40x	0.60 = 5.18 m ³
					<u>65.35 m³</u>

Continuation

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

(4) Providing all types of
H. pipe upto 600 mm ϕ .

(i) 600 mm ϕ $2 \times 3 \times 2.50 = 15.00 \text{ m}$
(ii) 900 mm ϕ $1 \times 2 \times 2.50 = 5.00 \text{ m}$

(5) G/W in excavation for
foundⁿ of structure

H.W. $5 \times 2 \times 6.45 \times 1.40 \times 1.50 = 135.45 \text{ m}^3$

Below pipe $5 \times 1 \times 4.85 \times 1.53 \times 0.365 = 13.54 \text{ m}^3$

148.99 m³

(6) Providing p.c.c. M-15
in open foundation.

H.W. $5 \times 2 \times 6.45 \times 1.40 \times 0.15 = 13.55 \text{ m}^3$

Below pipe $5 \times 1 \times 4.93 \times 1.53 \times 0.25 = 9.43 \text{ m}^3$

22.98 m³

(7) Providing p.c.c. M-20
in sub-structure.

H.W. $5 \times 2 \times 6.15 \times \frac{1.25 + 0.40}{2} \times 3.18 = 161.35 \text{ m}^3$

parapet $5 \times 2 \times 6.15 \times 0.40 \times 0.60 = 14.76 \text{ m}^3$

Less pipe $5 \times 2 \times \pi/4 \times (1.25)^2 \times 0.622 = (-) 7.39 \text{ m}^3$

168.70 m³

(8) Providing and laying R.C.C.
N_B H. pipe of 1000 mm ϕ .

$5 \times 3 \times 2.50 = 37.50 \text{ m}$

(9) Providing and laying
R.C.C. pipe of 300 mm ϕ .

$5 \times 4 \times 2.50 = 50.00 \text{ m}$

(10) Construction of embank.
using LK material.

Chainage	Fill Area	Mean Area	Dist.	Fill volume.
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0	0.751	-	-	-
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50	0.685	0.718	50	35.900
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100	0.355	0.520	50	26.000
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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
chainage	Fill Area	Mean Area	Dist.		Fill Volume.
100	0.355	—	—	—	—
150	0.834	0.595	50		29.725
200	0.558	0.696	50		34.800
250	0.765	0.682	50		33.075
300	0.368	0.587	50		28.325
350	0.314	0.341	50		17.050
400	0.293	0.304	50		15.175
450	0.555	0.424	50		21.200
500	0.673	0.614	50		30.700
550	0.816	0.745	50		37.225
600	0.314	0.505	50		28.250
650	0.332	0.323	50		16.150
700	0.512	0.422	50		21.100
750	0.595	0.554	50		27.675

800	0.685	0.640	50		32.000
850	0.523	0.604	50		30.200
900	0.385	0.454	50		22.700
950	0.312	0.349	50		17.425
1000	0.442	0.377	50		18.850
1050	0.423	0.433	50		21.625
1100	0.458	0.441	50		22.025
1150	0.334	0.396	50		19.800
1200	0.390	0.362	50		18.100
1250	0.333	0.362	50		18.075
1300	0.304	0.319	50		15.925
1350	0.517	0.411	50		20.525
1400	0.304	0.411	50		20.525
1450	0.306	0.305	50		15.250
1500	0.307	0.307	50		15.325
1550	0.295	0.301	50		15.050

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Chainage	Fill Area	Mean Area	Dist.		Fill volume.
1550	0.295	—	—		—
1600	0.410	0.453	50		22.625
1675	0.437	0.524	75		39.263
			Total Qty		787.64 m ³
			For 100 m lead		787.64 m ³
(11) Construction of Subgrade and earthen shoulders.					
55 x 30 x	$\frac{6.83 + 7.72}{2}$		x 0.30 =		3601.13 m ³
1 x 25 x	$\frac{6.83 + 7.72}{2}$		x 0.30 =		54.56 m ³
(i) For 100 m lead					238.09 m ³
(ii) For 100 m lead					3417.60 m ³
(12) Construction of G.S.B.					
55 x 30 x	4.05 x 0.20 =				1336.50 m ³
1 x 25 x	4.05 x 0.20 =				20.25 m ³
					1356.75 m ³
(13) Providing and fixing M.H.S.Y. Sign board, 2 No.					
Sunil Kumar 9/11/2020 S.E.					
18.11.20 A.E.					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				B.F.S.	1232206 = v
(8) Providing and laying					
Rec. of 1/2" dia pipe of 1000 mm					
37.50 m vide TMS p. 2					
				@ 3814 = 47/11	143043 = u
(9) Providing and laying					
Rec. pipe of 300 mm					
50.00 m vide TMS p. 2					
				@ 907 = 19/11	45360 = u
(10) Construction of embankment					
met. like material					
7.87.64 m ³ vide TMS p. 4					
				@ 131 = 03/11	103204 = u
(11) Construction of subgrade					
and earthen shoulders					
vide TMS p. 4					
(i) For 1000 m long					
238.09 m ³ @ 176 = 58/11					42042 = u
(ii) For 100 m long					
3417.60 m ³ @ 141217/11					482463 = u
(12) Construction of					
G.S.B.					
1356.75 m ³ vide TMS p. 4					
				@ 2729234/11	3703005 = u
(13) Providing & laying					
11457 sq. ft.					
2 Nos. vide TMS p. 4					
				@ 9324 = 74/11	18649 = u
					5769972 = u
				Add 12/11	692397 = u

Continuation

1/11/11

57700 = u

1. 6520069 = u

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