

Agency. Rajeev Kr. Singh

Sheekh Bigha - Ministry

Schedule XLV - Form No. 134

for the year

BIHAR P.W.D.

E.E. R.W.D. Wazirpur - Division

A.E. Kalyamba - S.D. Division

MEASUREMENT BOOK

No. 2855

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

Executive Engineer
Rural Works Department
Work Division, Aurangabad

Substitute KLV - Form No. 124.

E.E. A. bad.

DIVERSITY

$\Rightarrow A \in K_{\text{yturmba}}$

22. 2019-2020

MEASUREMENT BOOK.

2855

511460

Shri Babam Ram A. Kuthumba.

Chase of the water

Light-off time 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 various
 stages of the measurements relating to each item)

Particulars	Details of measurement				Continuity of work
	No	L	B	Q	
1. 1.20m A/C Driv					
Name of Work - Sakthi Ganga to Amba					
Dahongangir Road under					
Hard M. M G.S.4					
Agency - Rajiv Kumar Singh					
New Area - Arranged					
Agreement - S.B. 1/2020-21					
Agreement - R -					
Date of work start -					
Date of completion -					

Measurement					
①/2 decreased Grubbing					
The road level - d.d.I					
2x 15x 30m x 3.5m (av) = 3150 M ²					
2x 15x 30m x 3.5m end = 3150 M ²					
2x 1x 30m x 3.5m (av) = 210.00 M ²					
					6510.00 M ²
					= 0.65 Hectare
②/ Digging & filling of					
Wingway B.M. below					
→ do → d.d.I					
1x 1 = 1 No					
Construction of concrete H.P. curb					
①/24 W in ex. Carls. for					
31					
for curb & ditch d.d.I					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
H.W. 3x2x3.90x1.5x1.55m =					41.71 m ³
Balro Pika 3x1x5.35x1.13x0.365 =					6.60 m ³
					48.31 m ³
②/32 Laidy f.c.m. d					
Mix of (1:2.5:5) in					
for culvert d-2.12					
H.W. 3x2x3.90x1.15x0.15 =					4.026 m ³
Balro Pika 3x1x5.34x0.135x0.2 =					7.985 m ³
					8.55 m ³
③/9 Laidy f.c.m. d					
Concrete M20 for culvert					
d-2.12					
H.W. 3x2x3.8x0.70x2.78 =					4.833 m ³
Balro Pika 3x2x3.60x0.40x0.60 =					5.184 m ³
					47.212 m ³
H.W. 3x2x3.785x0.83x0.53 =					3.240 m ³
					45.50 m ³
④/36 Laidy and Laying R.c.c.					
Pika M20 of 600mm dia					
for culvert d-2.12					
3x3x2.50m =					22.50 m ³
⑤/30 Laidy and Laying					
of 300mm dia Pika d					
3x3x2.50m =					22.50 m ³
Concrete 100mm dia H.P. bar					
⑥/36 H.W. max concrete for					
for culvert d-2.12					
H.W. 3x2x6.45x1.45x1.50m =					58.11 m ³
Balro Pika 2x1x4.850x1.53x0.365 =					5.42 m ³
					61.63
Continuation					59.60 m ³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
②/37 Handy R.C.M. M					
Ming (1:2.25:1.5)					
2x2x6.45x1.40x0.15 =					5.418
2x1x4.931x1.52x0.25 =					3.80
					<u>9.20 M³</u>
③/38 Handy R.C.M. M					
Brickwork Cont. M					
Brickwork Cont. M					
2x2x6.15x0.825x3.18 =					64.538 M ³
2x2x6.15x0.42x0.60 =					6.20 M ³
					<u>70.738 M³</u>
2x2x0.785x1.23x0.622 =					2.956 M ³
					<u>67.78 M³</u>
					Brickwork 67.48 M ³
⑨/39 Handy and Handy					
R.C.M. R.C.M. R.C.M.					
Brickwork Cont. M					
2x3x2.5m =					15 M
⑩/41 Handy Handy					
of existing structure					
Brickwork Cont. M					
— d — d —					3.18 M ³
⑪/42 Handy Handy					
of structure — do Brickwork					
— d — d —					87.62 M ³
⑫/43 Handy — do Handy					
① 6000 — do Handy —					7.50 R.M
② 9000 — do —					15 R.M
28.11.21					
3.12					

Continuation

Sch. XLV-Form No. 134

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

M. S. Constable
- do - Basement

S.N.	Chin	Fill	How	How	Length	Volume in m ³
	m	m	m	m		
1	0	0.449			50	17.025
2	50	0.232	0.341		50	14.200
3	100	0.336	0.284		50	18.875
4	150	0.419	0.378		50	28.450
5	200	0.719	0.569		50	27.350
6	250	0.372	0.547		50	16.150
7	300	0.271	0.323		50	15.50
8	350	0.349	0.310		50	22.175
9	400	0.538	0.444		50	24.875
10	450	0.437	0.488		50	29.275
11	500	0.254	0.585		50	29.225
12	550	0.46	0.677		50	33.825
13	600	0.938	0.992		50	44.825
14	650	1.045	0.897		50	45.925
15	700	0.748	0.867		50	43.350
16	750	1.089	0.563		50	28.125
17	800	0.645	0.346		50	17.30
18	850	0.480	0.405		30	12.135
19	900	0.212				
20	930	0.597				
						518.160 m ³

① Level up to 1000 m 155.45 m³

② Level up to 1000 m 362.712 m³

Sum
112/21
5.2

Continuation

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L	B	D	
<u>Masonry</u>					
1/4 Facing & W in Box cultry for					
2/10 Facing gully chamber & base					
→ C.S.B. gully - 1st					
2x 8x 30x 0.375x 0.10m					2 18.00m ²
2x 1x 10x 0.375x 0.10m					2 0.75 "
					<u>18.75m²</u>

②/5 Facing & W in Box cultry for
 constant → 1st dip & 1st
 at 1st → 1st BW
 at 1st the ①/4 = 18.75x60% = 11.25m²

③/10 Facing & W in Box cultry for
 ground Bas. Base - d
 C.S.B. gully - I

④/5 Facing & W in Box cultry for
 1x 2x 30x 0.375x 0.10m = 48.00m²

C.C. work
 1x 4x 20x 0.375x 0.10m = 80.00m²
 2x 8x 20x 0.375x 0.10m = 18.00m²
 2x 1x 10x 0.375x 0.10m = 0.75m²
 ⑤ 534.75m²

⑥ 9m Area of Ground - d
 1x 8x 1.72m = 13.76m²
 1x 10.15x 1.65 = 16.74 "
 2x 5.0x 2.0m = 20.00 "
 1x 9.85x 1.75 = 17.24 "
 1x 11.3x 1.45 = 16.38 "
 2x 6.0x 2.0m = 24.00 "
 1x 7.85x 1.95 = 15.31 "
 3x 4.0x 1.58m = 19.00m²

Continuation

132.43m²

Value = 132.43m² for 1st = 13.24m²

⑦

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
1st m A/C Bell					
Abstract of all					
①/3 changed Gmky					
Read Land - d B/L					
Hydro T.M.B. Rm (1)					
= 0.65 ha					
② 51133 = 36/ha R-33237 = 0					
③/4 bridge - d B/L					
Cultry - d B/L					
Hydro T.M.B. Rm (5)					
= 18.75 m ²					
④ 74 = 1.6/m ² R-1391 = 0					
⑤/1 bridge and fixing					
Bm Rm - d B/L					
Hydro T.M.B. Rm (1)					
= 1 m ²					
⑥ 39 55 = 88/ha R-3956 = 0					
⑦ Constructing embankment					
- d deposited all the					
Hydro T.M.B. Rm (5)					
= 11.25 m ²					
⑧ 26 = 11/m ² R-294 = 0					
⑨ Constructing embankment					
- d borrow pits - d					
Length 1000 m					
Hydro T.M.B. Rm (4)					
= 155.43 m ²					
⑩ 174 = 96/m ² R-27508 = 0					

Continuation

7/6 Constructing embankment
 - d borrow pit - d
 Qty of T.M.B.R.M. @ 100mm
 = 362.72 M³
 @ 131 = 0.3/M³ → R- 47526 = 0

8 Constructing Subgrade
 and earth shoulder
 T d o d o
 Qty of T.M.B.R.M. @ 100mm
 = 523.52 M³
 @ 176 = 58/M³ → R- 92443 = 0

9 Constructing earthwork
 shoulder - d 4I
 Qty of T.M.B.R.M. @ 100mm
 = 1244.95 M³
 @ 141 = 17/M³ → R- 175743 = 0

10 Finishing granular -
 - sub-grade base - d
 G.S.B. grading - I - d
 Qty of T.M.B.R.M. @ 100mm
 = 548.99 M³
 @ 2571 = 25/M³ → R- 1411591 = 0

11 Finishing layering - d
 W.B.M. g.B. - d 4I
 Qty of T.M.B.R.M. @ 100mm
 = 26156 M³ to 95 - 50 M³
 @ 3678 = 24/M³ → R- 962107 = 0

12/19 Finishing and fixing
 typical M.M. G.S. 4
 Sign Board - d 4I

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Hydr T.M. B.N. (2)					
= 22.50 M					
@ 10 10 = 15/M - R					22728 = 0
Conducing to road, 1/4 of Culvert					
(18)/36 1/2 W in expansion in					
for the structure of					
Hydr T.M. B.N. (2)					
= 59.60 M ³					
@ 269 = 92/M ³ - R					16051 = 0
(19)/36 1/2 W in expansion in					
for the structure of					
Hydr T.M. B.N. (3)					
= 9.20 M ³					
@ 4909 = 29/M ³ - R					45170 = 0
(20)/38 1/2 W in expansion in					
for the structure of					
Hydr T.M. B.N. (3)					
= 67.48 M ³					
@ 5693 = 74/M ³ - R					38424 = 0
(21)/39 1/2 W in expansion in					
for the structure of					
Hydr T.M. B.N. (3)					
= 15.00 M ³					
@ 3736 = 61/M ³ - R					56049 = 0

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(22) 41 Dismantling of - d. Struts - d. 145 Link Cement Concrete Qty vide T.M.B. Book (3) = 3.18 M ³ @ 484 = 74/m ² - R. 1541 = 0					
(23) 42 Dismantling - d. Struts - d. Cement Mortar Qty vide T.M.B. Book (3) = 87.62 M ³ @ 231.77/m ² - R. 20308 = 0					
(24) Removal of road (1) Heavy pipe - d. @ the only d. material Qty vide T.M.B. Book (3) 600 mm dia. 7.5m @ 174 = 78/m - R. 1311 = 0					
(11) as per 600 mm dia. = 15.00 m @ 236 = 34/M - R. 3545 = 0					
					Thru R. 3659138 = 0
Add Labour 1.1. 29.5 T 12.1. (P.R. 475688 = 0					
					R. 4134826 = 0
Less 1.1. As per Agreement					R. 413483 = 0
					M + R. 37,21,343 = 0
For 26/02/21 J.E.					3P 12.3.21 J.E. 13/3/21

Continuation