

Reo Road To Jhuthiyahi tak
Schedule XLY-Form No. 134

Darbhanga-2 **DIVISION**

दरभंगा **SUB-DIVISION**

MEASUREMENT BOOK

-1297

Prithosh Construction

प्रमाणित किया जाता है कि इस मापीयुक्त में
मशीन से टंकित कुल-100 (एच. ए.) पृष्ठ हैं।
जो श्री पंकज कुमार
सहाय अभि० के नाम से या० कार्यालय, अवर प्रमंडल,
कैवली के लिए निर्गत किया जाता है।


Executive Engineer
R W D. (W) Division
Darbhanga-2
03/10/23

Sch. XLV-Form No. 134

DIVISION

SUB-DIVISION

Measurement Book

No. 1297

Name of officer _____

Date of first entry _____

Date of last entry _____

1.

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.	
Head - MR-3054					
Name of work - const. of mainten					
work from Red Road					
To Jhythiyahi tak					
Agency - Britosh construction					
for Britosh yard,					
vill - Rasalpur, Krishnapur					
Lahensorgi					
Dist - Darbhanga					

Proj. No - MR-N/20-23/	
Darbhanga-2/03	
Aggr. val - 2,38,51626	
Date of Start - 08/08/2023	
Date of compl - 07/05/2024	

1/ clearing & grubbing	
Road land	
2 x 2 x 30 x 1.00 = 120	
2 x 2 x 30 x 1.00 = 120	
3 x 2 x 30 x 1.0 = 180	
1 x 2 x 30 x 0.5 = 30	
4 x 2 x 30 x 1.0 = 240	
5 x 2 x 30 x 1.0 = 300	

Continuation
3 x 2 x 30 x 1.0 = 180

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	Record Measurement				
✓ Providing and supplying					
Tack coat (RS-1) with					
bitumen emulsion					
	4	5	1.3	=	26
	5	3	1.5	=	22.5
	6	8	1.40	=	67.2
	7	5	0.850	=	29.75
	8	7	1.30	=	72.8
	7	6	1.60	=	67.2
	5	8	1.10	=	44
	7	5	1.80	=	63
	3	5	1.60	=	24
	8	7	1.20	=	67.2
	5	8	1.30	=	52
	3	5	0.900	=	13.5
	5	7	1.20	=	42
	6	5	1.45	=	43.5
	7	5	2.5	=	87.5
	5	8	1.4	=	56
	3	10	1.6	=	48
	4	4	1.5	=	24
	3	4	0.900	=	10.8
	2	10	1.40	=	28
	5	7	1.20	=	42
	6	8	1.10	=	52.8

Continuation

$$7 \times 10 \times 1.30 = 91$$

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	4	5	1.8	=	36
	6	5	1.20	=	36
	5	5	1.6	=	40
	6	3	1.30	=	23.4
					1204.15 m ²
					1210.15 m ²
2 Providing laying and Rolling of M.S.S - 90 as same measurement above item no 1 Qty = 1210.15 m ²					

 Paid 07/10/2023 J.E. Paid 21/10/23 J.E. 					
Record measurement					
1 Providing and laying 4 mm ² Tack and rolling (As 1) bitume emulsion S.D.B.C					
1	10	3.75	0.025	=	0.937

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	2	30	3.75	0.025	5.625
	3	30	3.75	0.025	8.43
	1	30	3.75	0.025	2.81
	2	30	3.75	0.025	5.25
	3	30	3.75	0.025	8.43
	4	30	3.75	0.025	11.25
	3	30	3.75	0.025	8.43
	2	30	3.75	0.025	5.625
	1	16	3.75	0.025	1.5
	2	30	3.75	0.025	5.625
	3	30	3.75	0.025	8.43
	1	30	3.75	0.025	2.81
	4	30	3.75	0.025	11.25
	2	30	3.75	0.025	5.625
	3	30	3.75	0.025	8.43
	1	30	3.75	0.025	2.81
	2	30	3.75	0.025	5.625
	1	30	3.75	0.025	2.81
	1	27	3.75	0.025	2.53
	1	8	3.60	0.025	0.72
	2	30	3.75	0.025	5.625
	2	30	3.75	0.025	5.625
	1	16	3.75	0.025	1.5
	1	9	2.4	0.025	0.765
	1	30	3.75	0.025	2.81
	1	7	3.75	0.025	0.556
	4	4.2+6.30		0.025	0.525

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	2	12	3.75	0.025	2.25
	1	5	4.2 + 6.3	0.025	0.656
			<u>2</u>		
	1	9	3.75	0.025	0.84
	1	9	3.75	0.025	0.84
	1	4	4.3	0.025	0.43
	1	4	3.5	0.025	0.35
	1	12	3.6 + 3.3	0.025	1.035
			<u>2</u>		
	1	8	3.75	0.025	0.75
	1	16	3.6 + 3.5	0.025	1.42
			<u>2</u>		
	1	17	2.9	0.025	1.23
	1	10	4.5	0.025	1.125

	1	30	3.75	0.025	2.81
	2	30	3.75	0.025	5.625
extra curve					
	9	7 + 5.5 + 4.5	3.75	0.025	0.43
		<u>3</u>			
	25	5 + 4.5 + 4	3.75	0.025	0.48
		<u>3</u>			
	24	5.4 + 4.5 + 4.1	3.75	0.025	0.55
		<u>3</u>			
					153.279
2 providing allaying					
4 laying tack					
coat (RS - 1)					
	1	10	3.75		37.5

Continuation

$$2 \times 30 \times 3.75 = 225$$

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	3	x 30	x 3.75	=	337.5
	1	x 30	x 3.75	=	112.5
	2	x 30	x 3.75	=	225
	3	x 30	x 3.75	=	337.5
	4	x 30	x 3.75	=	450
	3	x 30	x 3.75	=	337.5
	2	x 30	x 3.75	=	225
	1	x 16	x 3.75	=	60
	2	x 30	x 3.75	=	225
	3	x 30	x 3.75	=	337.5
	1	x 30	x 3.75	=	112.5
	4	x 30	x 3.75	=	450
	2	x 30	x 3.75	=	225
	3	x 30	x 3.75	=	337.5
	1	x 30	x 3.75	=	112.5
	2	x 30	x 3.75	=	225
	1	x 30	x 3.75	=	112.5
	1	x 27	x 3.75	=	101.25
	1	x 8	x 3.60	=	28.8
	2	x 30	x 3.75	=	225
	2	x 30	x 3.75	=	225
	1	x 16	x 3.75	=	60
	1	x 9	x 3.4	=	30.6
	1	x 30	x 3.75	=	112.5
	1	x 7	x 3.75	=	26.25
	1	x 4	x 4.2	=	21

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	2	X 12	X 3.75	=	90
	1 X 5	X 4.2	+ 6.30	=	26.25
	1 X 9	X 3.75		=	33.75
	1 X 9	X 3.75		=	33.75
	1 X 4	X 4.3		=	17.2
	1 X 4	X 3.5		=	14
	1 X 12	X 3.6	+ 3.30	=	41.4
	1 X 8	X 3.75		=	30
	1 X 16	X 3.6	+ 3.5	=	56.8
	1 X 17	X 2.96		=	49.3
	1 X 10	X 4.50		=	45
	1 X 30	X 3.75		=	112.5

	2	X 30	X 3.75	=	225
extra curve					
	9	X 7.5	=		
	9	X 5.7	+ 5.5 + 4.5 - 3.75	=	17.2
		3	X 16.25	=	
	25	X 5.1	+ 4.5 + 4 - 3.75	=	19.2
		3			
	24	X 5.4	+ 4.5 + 4.1 - 3.75	=	21.9
		3			
					6148.65
Ram 14/10/2023 J.R 14/10/23 AE					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Record Measurement					
1 Construction of marginal cement p.c.c. Arena					
M-30					
Leveling Course					
	8	1.1	0.16	0 =	1.40
	6	1.20	0.16	0.2	1.182
	10	0.90	0.16	0.2	1.44
	7	0.80	0.16	0.2	0.896
	4	0.50	0.16	0.2	0.32
	5	0.60	0.16	0 =	0.48

2	25	3.30	0.16	0	26.4
1	6	3.75	0.16	0	3.6
1	7	3.75	0.16	0	4.2
1	13	$\frac{4.6 + 4.10}{2}$	0.16	0	9.048
1	3	4.10	0.16	0	1.968
1	2	3.75	0.16	0	1.2
1	18	4.0	0.16	0	11.52
1	25	4.0	0.16	0	16
1	17	3.75	0.16	0	10.2
1	5	$\frac{5 + 3.9}{2}$	0.16	0	3.56
1	30	3.75	0.16	0	18
1	3	4.30	0.16	0	2.06
1	7	3.75	0.16	0	4.2

Continuation

$$1 \times 14 \times 3.75 \times 0.16 = 8.4$$

Ravish
20/10/2023
J.E

20/10/23
TE

126.044

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>Recoral Measurement</u>					
<u>1 Construction of Sub-grade and earthwork Shoulder</u>					
2 X	2 X	30 X	1.125 X	0.350 =	47.25
3 X	2 X	30 X	1.125 X	0.350 =	70.87
4 X	2 X	30 X	1.125 X	0.350 =	94.5
5 X	2 X	30 X	1.125 X	0.350 =	118.25
4 X	2 X	30 X	1.125 X	0.350 =	94.5
1 X	2 X	30 X	1.125 X	0.350 =	23.625
3 X	2 X	30 X	1.125 X	0.350 =	70.875
4 X	2 X	30 X	1.125 X	0.350 =	94.5
3 X	2 X	30 X	1.125 X	0.350 =	70.875
5 X	2 X	30 X	1.125 X	0.350 =	118.125
<u>2 Provision and laying of hot applied thermo Plastic Road mark</u>					
2 X	2 X	30 X	0.100 =		12

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
3 X 2 X 30 X 0.100 =					18
4 X 2 X 30 X 0.100 =					24
5 X 2 X 30 X 0.100 =					30
3 X 2 X 30 X 0.100 =					18
5 X 2 X 30 X 0.100 =					30
6 X 2 X 30 X 0.100 =					36
3 X 2 X 30 X 0.100 =					18
1 X 2 X 30 X 0.100 =					6
1 X 2 X 10 X 0.100 =					2
1 X 2 X 20 X 0.100 =					4
3 X 2 X 30 X 0.100 =					18
4 X 2 X 30 X 0.100 =					24
3 X 2 X 30 X 0.100 =					18
3 X 2 X 30 X 0.100 =					18
2 X 2 X 30 X 0.100 =					12
2 X 2 X 20 X 0.100 =					8
1 X 2 X 20 X 0.100 =					4
3 X 2 X 30 X 0.100 =					18
3 X 2 X 30 X 0.100 =					18
2 X 2 X 30 X 0.100 =					12
2 X 2 X 30 X 0.100 =					12
1 X 2 X 25 X 0.100 =					5
					Qty = 365 m ²
3 Brick Masonry					
Work in Cement					
Mortar (1:3)					
2 X 6.00 X 0.40 X 0.60 =					2.88

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
4 Plastering with cement Mortar (1:4)					
Side	4x	6.0x	0.600	=	14.400
Top	2x	6.00x	0.400	=	4.800
for	4x	0.40x	0.600	=	0.960
				Qty =	20.160
5 Painting two G+8					
bricks					
Side	4x	6.00x	0.600	=	14.400
Top	2x	6.00x	0.400	=	4.800
front for	4x	0.400x	0.600	=	0.960
				Qty =	20.160

6/ Providing and fixing					
K.M Stone				Qty =	2 NO
7/ Providing & fixing					
200mm post				Qty =	7 NO
8/ Providing & fixing of					
retro-reflective sign					
barrel 600mm diameter					
& triangle				Qty =	12 NO
9/ Providing and fixing					
of retro-reflecting					
sign barrel 600mm					
side circle				Qty =	10 NO
10/ Providing & fixing					

Continuation
 of Retro-reflective sign
 barrel 450x600 mm dia
 Qty = 8 NO

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
2/2) Providing and fixing of typical ^{mmssy} DR inter & maintain record					
Qty = 3 Mo vide TMB P.No - 2					
@ Rs 11507.80					34523 =
3/2) Construction of sub-grade and earthen shoulder					
Qty = 1286.5 m ² vide TMB P.No - 10					
@ Rs 260.93 Rs =					335699 =
4/3) Providing and apply tack coat (RS-1) with bitu					
Qty = 1210.15 m ² vide TMB					
				P.No 3 to 4	
Qty = 6148.65 m ² vide TMB				P.No 6 to 8	
Qty = 7358.8					
Unit Qty = 7332.15 m ²					
@ Rs 20.79 Rs =					152435 =
5/4) Providing laying applying & rolling M.S.S - 90 bit					
Qty = 1210.15 m ² vide TMB P.No 4					
@ Rs 283.74 Rs =					341368 =
6/5) Providing and laym apply & rolling S.D.B.C					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Qty = 153.279 m ² vide TMB P ₁₀					
				@ RS 15246.51	Rs = 2336970 = 0
7/6) Construction of 4m -					
reinforce concrete					
floor P.C.C M-30					
Qty = 126.044 m ³ vide TMB P ₁₀					
Unit = 126.00 m ³					
				@ 909691	Rs = 1146135 = 00
8/15) P.V and drain					
not applicable					
thermoelastic load mmm					
Qty = 365 m ² vide TMB P ₁₀					
				@ RS 825.75	Rs = 301398 = 0
2) Plaster					
2/16) Brick masonry					
work Cement					
mortar (1:3)					
Qty = 2.88 m ³ vide TMB P ₁₀					
				@ RS 6143.47	Rs = 17693 = 00
10/17) Plastering with					
cement mortar (1:4)					
Qty = 26.160 m ² vide TMB P ₁₀					
				@ RS 227.47	Rs = 4585 = 00

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
11/18) Painting two coat perimeter wall of C.D					
Qty = 20.16 m ² vide TMB P.No. 12					
@ Rs 126.08 Rs = 2541.00					
12/7) Providing and fixing K.M Stone					
Qty = 2 No vide TMB P.No. 12					
@ 3036.72 = 6073.44					
13/8) Providing & fixing 200mm foot stone					
Qty = 7 m ² vide TMB P.No. 12					
@ Rs 836.42 = 5854.94					

14/11) Providing and fixing Retro reflected sign board 600mm circular triangle					
Qty = 12.0 m ² vide TMB P.No. 12					
@ Rs 4994.62 Rs = 59935.44					
15/12) Providing & fixing Retro reflect sign board 600mm circular					
Qty = 10 m ² vide TMB P.No. 12					
@ Rs 6202.67 Rs = 62026.70					
16/13) P.V and fixing Retro sign 450x600 circular					

Continuation

Qty = 8 No vide TMB P.No. 12
@ Rs 6079.01 Rs = 48632.08

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
17) 19) P/W and Fixing boundary Pillar					
Qty = 22 No. vide TMB P.No. 13					15486=
@ Rs 703.92					Rs 140784=
18) 10) Providing and fixing of Road stud 100x100 mm dia					
Qty = 65 each vide TMB P.No. 13					
@ 263.40					Rs = 17121=
					Rs = 4911883=
Add G.S.T 18%				(+)	884139=
Add L.E 1%				(+)	49119=
S.F				(+)	34673=
					5879904=
10% below as per Ass				(-)	587990=
					5291914=
Rate 28/10/2023 J.E					
Rate 23/10/23 J.E					
Rate 6/11/23 J.E					
Work has been completed as per specification 28/10/2023					
Continuation					
Rate 28/10/2023 J.E					

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	Material Statement				
					10% Ser
Sub-grade (Soil)					$= 1286.55 m^3$
					$1286.55 \times 35.01 = 4504 = \infty$
W.S.B					
M. S.S - 90					$= 1210 m^2$
					$1210.15 \times 11.45 = 1385 = \infty$
S.D.B. C					$= 153.27 m^3$
					$153.279 \times 913.63 = 14004 = \infty$
C. C Pavement					$M_{30} = 126 m^2$
					$126 \times 1019.70 = 12848 = \infty$
Brick work					$= 2.88 m^3$
					$2.88 \times 3086.20 = 8871 = \infty$

Flastering with CM (1:1)
 $= 20.16$

$$20.16 \times 518.70 = 1045 = \infty$$

$$RS = 34673 = \infty$$

Per M
 28/10/2023
 J.E

Continuation