

प्रमाणित किया गया है कि
मापन पुस्तक में दर्ज किया गया 100 रु.
है जो कि सहायक अभियन्ता द्वारा
कार्य विभाग कार्यालय प्रमाणित
किया गया है
16.12.23

Executive Engineer
RWD Works Division

19.10.23

16.12.23

Sch. XLV - Form No. 134

PAKRIDAVAL DIVISION
TETARIA
PAKRIDAVAL SUB-DIVISION

Measurement Book

No.

1425

1429

Name _____

Date of first entry _____

Date of last entry _____

5th on A/c Bill

Sch. XLV-Form No.134

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Work-	Const. of H. L. R. C. c.				
	Bridge over Bhogwati				
	River at Haganpur Hapali				
	Road via Bhalehi Ram				
	Road.				
Agency-	Braj Behari Singh				
	At- Khoda Nagar				
	P.O- Meena Bazar				
	East Champaran, Motihari				
Agreement	No- 235 RD/ 2023-24				
Date of start	30.12.23				
Date of Completion	29.12.25				
Date of Measurement	15.07.24				
	1/8 Paving R.C. c. 1135				
	in pile cap				
	in cap				
Abstract :	$1 \times 12.30 \times 5.10 \times 1.8 = 112.91 \text{ m}^3$				
Pile :	$1 \times 8.70 \times 5.10 \times 1.8 = 79.86 \text{ m}^3$				
					192.77 m^3
	$\frac{2}{9} \text{ S/F/R HYSD bars}$				
	in cap - in cap				
25mm :	$60 \times 15.15 = 909.00 \text{ cm}$				
	$50 \times 7.95 = 397.50 \text{ cm}$				
	$30 \times 11.55 = 346.50 \text{ cm}$				
					1653.00 cm
	$23.85 \text{ kg/m} = 6364.05 \text{ kg}$				

Continuation

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
20 mm =	40 x	15.15	=	606	cu m
	25 x	13.15	=	263	cu y
	24 x	5.95	=	142	80 y
	36 x	9.55	=	343	80 y
	36 x	5.95	=	214	20 y
				1569	80 m
	2	47.15	=	3877	40 K _f
total steel =	(6364.05 + 3877.40) K _f				
	= 10241.45 K _f				
	= 10.241 M.T				
$\frac{3}{10}$	Partial R _{cc}				
	M ₃₀ in sub-structure				
	- see C.P. J _f				
	1	8.45	1.20	1.453	14.73 m ²
	1	8.45	1.79	0.80	12.10 "
	1	0.785	(1.8) ²	1.233	3.18 "
	1	7.80	2.61	1.00	20.35 "
	2	7.25	0.30	0.450	1.95 "
	1	7.25	0.30	0.30	0.65 "
	3	$\frac{(7.80 + 2.61) + (1.8 \times 1.8)}{2}$			0.80 = 28.32
Area =	4	3.50	1.453	0.60	12.20 "
	4	2.91	2.692	0.60	18.80 "
					112.28 m ²
$\frac{4}{13}$	Partial Crap Hole				
	- see C.P. J _f				
	92.40 Nos				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{5}{19}$	5/19	7	14	50	
Abt	600	-	-	400	
25mm =	96	5.07			486.72m
		23.85	15/2		1873.8716
20mm =					
	67	5.07			339.69m
		2.47	15/2		839.031g
16mm =					
	20	10.61			212.20m
		1.58	15/2		335.271g
10mm =					
	52	1.32			68.64m
		0.62	15/2		42.551g
16mm =	16	8.37			133.92m
		1.58	15/2		211.591g
10mm =	15	8.37			125.55m
	15	9.37			140.55m
				266.10m	
		0.62	15/2		164.981g
12mm =	58	2.79			161.82m
		0.89	15/2		144.011g
16mm =	4	9.37			37.48m
		1.58	15/2		59.211g
12mm =	36	4.51			163.08m
	72	4.51			326.16m
				489.24m	
		0.89	15/2		435.421g

Continuation

4105.93g

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16mm =	224	15.79	9	1276.96	
		1.584m			= 2049.19kg
12mm =	72	5.84	4	420.48	
	72	5.84	4	20.48	
		0.8916m	8	40.96	= 748.45kg
16mm =	16	4.53	3	72.48	
	6	2.44	4	14.64	
	6	2.44	4	14.64	
				101.76	
		1.5814m			= 160.78kg
8mm =	12	18.84	2	226.08	
	16	5.18	2	82.88	
				308.96	
		0.4018m			= 123.58kg
16mm =	16	2.49	9	37.84	
		1.5851m			= 62.94kg
32mm =	16	2.79	4	44.64	
		6.3118m			= 281.67kg
12mm =	48	3.98	2	191.04	
	48	3.98	2	191.04	
		0.8919m		382.08	= 340.05kg
8mm =	8	23.51	2	188.08	
		0.4018m			= 75.23kg
25mm =	30	2.81	2	84.30	
	30	3.11	2	93.30	
				177.60	
		0.8511m			= 683.76kg
					/

Continuation

8631.58kg

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Pin					8-8 6831.58 kg
25mm =	46X	6.47			297.64m
		3.85			= 1145.83 kg
12mm =	9X	5.64			50.76m
		0.89			= 45.17 kg
25mm =	44X	9.56			420.64m
		3.85			= 1619.46 kg
12mm =	18X	9.85			177.30m
	14X	14.47			202.58m
	48X	12.87			617.76m
	18X	14.01			252.18m
	24X	20.82			499.68m
					1749.50m
					2.47
					= 4321.26 kg
16mm =	8X	2.53			20.24m
	6X	2.84			17.04m
	6X	2.84			17.04m
					54.32m
					1.58
					= 85.82 kg
12mm =	63X	7.72			486.36m
	42X	4.72			198.24m
					684.60m
		0.89			= 609.29 kg
8mm =	36X	39.54			1423.44m
	8X	5.18			41.44m
					1464.88m
		0.40			= 585.95 kg
32mm =	48X	2.94			141.12m
		6.31			= 890.46 kg

Continuation

17934.77 kg

39BF 17934.7715

Continuation

Abstract of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{1}{1}$ E/W in excavation					
T.M. B/P	P-28	26	42	78 m	
		205.54			1,32,117.20
$\frac{2}{2}$ Paving & Constructing Trench					
T.M. B/P	P-28	3	08	M	
		85886.19			2,57,659.20
$\frac{3}{4}$ Paving stone work					
T.M. B/P	P-28	18	45	M.T	
		106707.85			1,96,982.20
$\frac{4}{5}$ Paving Bond work					
T.M. B/P	P-28	7	16	00 M	
		18506.11			1,32,503.80
$\frac{5}{9}$ S/F/F HYSD bars					
T.M. B/P	P-28	94	48	3 M.T	
T.M. B/P	P-35	2	10.24	1 M.T	
			104.724	M.T	
		77933.36			8,61,493.20
$\frac{6}{8}$ Paving R.C.C. M35					
T.M. B/P	P-29	27	2	63 m	
T.M. B/P	P-34	1	92.78		
		465.40			

Continuation

2,37,71,471.20

B.F. 2,37,71,471-2

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		= 465.40 m			
		9188.95			42,76,537.2
$\frac{7}{6}$ Discontinuity & Rev.					
pile - cut & fill					
T.H.B/P -	29	= 23.04 m			
		1588.98			36,609.2
$\frac{8}{3}$ Paving & service road					
- cut & fill					
T.H.B/P -	29	= 81.00 m			
		4378.01			3,54,619.2
$\frac{9}{29}$ Const. of Embankment					
- cut & fill					
		1			
T.H.B/P -	29	= 1104.37 m			
		211.35			2,33,409.2
$\frac{10}{30}$ Paving grade sub-base - cut & fill					
T.H.B/P -	29	= 53.43 m			
		4001.96			2,13,825.2
$\frac{11}{31}$ Paving & laying Rev.					
Ham-pite - cut & fill					
T.H.B/P -	29	= 30.00 m			
		8142.10			2,44,263.2
$\frac{12}{14}$ S/F/F H4SD base					
- cut & fill					
T.H.B/P -	30	= 13.76 m			
T.H.B/P -	39	= 21.767 m			
		35.527 m			

Continuation

C.F. 2,91,30,733.2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				R.P.	7,130.733
		35.527 m			
		781.55	22	MT	2776.624
$\frac{13}{10}$	Paving R.C.C.			M30	
	in sub-grade - cut & fill				
T.M.B	P - 30				73.90 m
T.M.B	P - 35				112.28 "
					186.18 m
		95.11	15	m	1770.786
$\frac{14}{7}$	Paving & laying P.C.C.				
	M15 - cut & fill				
T.M.B	P - 30				42.28 m
					/
		7807.07		m	330,083
$\frac{15}{13}$	Paving work				
	cut & fill				
T.M.B	P - 35				92.45 Nos
		153.81		m	14,150
$\frac{16}{32}$	Pile load Test				
	cut & fill				
(i) initial & sub-bul T					
T.M.B	P - 30				1750.00 MT
		300		m/MT	5,25,000
(ii) lateral bul T					
T.M.B	P - 30				50.00 MT
		5000.0		m/MT	2,50,000
					/

Continuation

Gr 3,47,77,573

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>17</u> <u>33</u>	Conducting	Continuing			
	Boag	—	cf	ff	
T.M.B	P-31		159.47		
	950.00/Rm			1.51,050.24	
<u>Adding</u>				53,49,48,482.20	
(i) G.S.T @ 18%				56,29,071.62	
(ii) Less @ 1%				53,49,484.20	
				54,15,88,623.20	
<u>Adding Surcharge fee</u>					
	P-31			134,699.20	
	P-44			33,790.40	
<u>Less</u>				54,17,57,112.20	
Net Payment @ 5.2%				28,238,016.20	
<u>Less</u>				54,15,19,096.20	
<u>Previous Payment made</u>					
P-31				2,58,23,729.20	
P-33				91,45,767.20	
				3,49,69,496.20	
				28,34,96,949.60	
<u>After</u>				56,54,96,002.20	
15/07/24					
J.E. Talaria			17.7.24		
			A.E.		
			Talaria.		