

પ્રમાણિત કરવામાં આવેલ
કિ માપી પુલ કે મથાન કે કોઈ
100 પુલ કે બિંદુ 427 થી
મથાન, ગામડાંના કાપ વિગતો
કાર્ડ અંગે પુર્વજન કેવડાના કે
પગલાં કે નિર્ગતે કરવામાં આવેલ


5.10.13
Executive Engineer
RWD Works Division
19/10/13
5.10.13

Sch. XLV - Form No. 134

PAKRIDAYA DIVISION

FENHARA SUB-DIVISION

Measurement Book

No.

1409

Name _____

Date of first entry _____

Date of last entry _____

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Work	Cont. of road & work				
	from Dipal Sch House				
	to Januua Pagar yaktu				
	House via Mahadulit to G.				
Agency	M/S Shivam Kumar				
	At - Chela Barjapud				
	P.O. - Madhen				
	East Champaran				
Agreement	No. 12 SBD/2023-24				
Date of work order	04.07.23				
Date of completion	03.07.24				
Date of Mea	20/05/24				
$\frac{1}{1}$	Paving of 5 ft x 7				
	Bench mark Piller				
	1.05 KM				
$\frac{2}{3}$	Clay & gully of				
	road bed new G.P.				
	2	2	30.0	2.0	240.00
	2	2	30.0	2.0	240.00
	2	1	30.0	2.0	120.00
					600.00
					0.06 Hm
$\frac{3}{7}$	Cont. of sub grade				
	shoulder new C.P. pit				
	2	5	30.0	0.62	187.50

Continuation

18.75

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	18.75 m
2 x 5	30.0	10.625	10.14		18.75
2 x 5	30.0	10.626	10.14		18.72
2 x 2	30.0	10.630	10.14		7.56
2 x 5	30.0	10.625	10.14		18.75
2 x 5	30.0	10.630	10.14		18.90
2 x 5	30.0	10.630	10.14		18.90
2 x 5	30.0	10.625	10.14		7.50
2 x 5	30.0	10.625	10.20		37.50
2 x 5	30.0	10.625	10.20		37.50
2 x 5	30.0	10.630	10.20		37.80
2 x 2	30.0	10.625	10.20		15.00
					37.50
4					25.23 m
8	Correct 7 granules				
	Sub-400 - m.c.p.				
3 x	30.0	14.05	10.14		36.45 m
1 x	10.0	4.05	10.14		4.05 m
1 x	20.0	3.04	10.14		6.00 m
1 x	10.0	3.04	10.14		3.00 m
1 x	5.0	2.04	10.14		1.00 m
1 x	12.0	2.50	10.14		3.00 m
1 x	10.0	2.80	10.14		2.80 m
1 x	20.0	3.04	10.14		6.00 m
1 x	6.0	2.0	10.20		2.40 m
1 x	5.0	3.0	10.14		1.50 m
1 x	12.0	4.05	10.14		4.86

Continuation

71.06 m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				8.8	71.06 m ²
	1	20.0	3.0	0.200	12.00 y
	2	15.0	3.0	0.100	9.00 y
	1	10.0	3.0	0.200	6.00 y
					98.06 m ²
<u>5</u> Poudy WBN-Cr-III					
	1	20.0	3.75	0.075	29.61 y
	1	10.0	3.75	0.075	2.81 y
	1	5.0	3.0	0.075	1.12 y
	1	12.0	3.75	0.075	3.37 y
	1	20.0	3.0	0.075	4.50 y
	2	15.0	3.0	0.075	2.25 y
	1	8.0	3.0	0.075	1.80 y
					25.46 m ²
<u>6</u> Poudy Pinned					
	3	30.0	3.75		337.50 m ²
	1	30.0	3.75	4.70	126.75 y
	3	30.0	3.75		337.50 y
	1	15.0	3.75	4.80	64.12 y
	2	30.0	3.75		225.00 y
	1	15.0	3.75	4.65	63.00 y
	2	30.0	3.75		225.00 y
	2	30.0	3.75		225.00 y
	1	30.0	3.75	3.90	114.75 y
	1	20.0	3.75	4.00	77.50 y

Continuation

1796.12 m²

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F	796.25 m ²
	11	20.0	8.75		75.00
	14	10.0	3.75		37.50
	17	30.0	3.75		112.50
	17	30.0	3.75 + 5.0		131.25
	41	30.0	3.75		112.50
					2265.00 m ²
7/11	Posidij	Take	Good		
			Up. PL		
	3	30.0	3.75		337.50 m ²
	14	30.0	3.75 + 4.75		126.75
	3	30.0	3.75		337.50
	14	15.0	3.75 + 4.80		64.12
	2	30.0	3.75		225.00
	1	15.0	3.75 + 4.65		63.00
	2	30.0	3.75		225.00
	2	30.0	3.75		225.00
	14	30.0	3.75 + 3.90		114.75
	1	20.0	3.75 + 4.00		77.50
	1	20.0	3.75		75.00
	1	10.0	8.75		37.50
	14	30.0	3.75		112.50
	14	30.0	3.75		112.50
	1	30.0	3.75 + 5.0		131.25
					2265.00 m ²
8/12	Posidij	MT	Good		
			Up. PL		
	3	30.0	3.75		337.50 m ²

Continuation

337.50 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F	337.50 m ²
	1 x 30.00		$\frac{3.75 + 4.75}{2}$		126.75 y
	3 x 30.00		3.75		337.50 y
	1 x 15.00		$\frac{3.75 + 4.80}{2}$		64.12 y
	2 x 30.00		3.75		225.00 y
	1 x 15.00		$\frac{3.75 + 4.65}{2}$		63.00 y
	2 x 30.00		3.75		225.00 y
	2 x 30.00		3.75		225.00 y
	1 x 30.00		$\frac{3.75 + 3.90}{2}$		114.75 y
	1 x 20.00		$\frac{3.75 + 4.00}{2}$		77.50 y
	1 x 20.00		3.75		75.00 y
	1 x 10.00		3.75		37.50 y
	1 x 30.00		3.75		112.50 y
	1 x 30.00		3.75		112.50 y
	1 x 20.00		$\frac{3.75 + 1.50}{2}$		131.25 y
					2265.00 y
$\frac{9}{13}$ Parity granules sub.					
base - cum C.F.					
1 x 10.00			3.75	0.10	3.75 m
1 x 8.00			3.00	0.10	2.40 y
1 x 10.00			2.10	0.10	2.10 y
2 x 5.00			2.50	0.10	2.50 y
1 x 15.00			1.80	0.10	2.70 y
					13.45 m ²
$\frac{10}{14}$ Parity & laying work.					
base - cum C.F.					
3 x 30.00			3.75	0.075	25.31 m

Continuation

25.31 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P	25.31 m ²
	1	30.0	3.75	0.075	= 8.43 m ²
	14	20.0	$\frac{3.75 + 5.0}{2}$	0.075	= 6.56 m ²
	3	30.0	3.75	0.075	= 25.31 m ²
	3	30.0	3.75	0.075	= 25.31 m ²
	14	20.0	$\frac{3.75 + 5.0}{2}$	0.075	= 6.56 m ²
	1	10.0	3.75	0.075	= 2.81 m ²
	3	30.0	3.75	0.075	= 25.31 m ²
	1	10.0	3.75	0.075	= 2.81 m ²
	1	10.0	$\frac{3.75 + 4.75}{2}$	0.075	= 3.18 m ²
	14	30.0	3.75	0.075	= 8.43 m ²
	1	10.0	$\frac{3.75 + 4.8}{2}$	0.075	= 3.20 m ²
	1	10.0	3.75	0.075	= 2.81 m ²
					146.03 m ²
$\frac{11}{15}$ Const. of un-aerial					
C.C. Pavement - cut off					
	3	30.0	3.75	0.160	= 54.00 m ²
	14	30.0	3.75	0.160	= 18.00 m ²
	14	20.0	$\frac{3.75 + 5.0}{2}$	0.160	= 14.00 m ²
	3	30.0	3.75	0.160	= 54.00 m ²
	3	30.0	3.75	0.160	= 54.00 m ²
	14	20.0	$\frac{3.75 + 5.0}{2}$	0.160	= 14.00 m ²
	1	10.0	3.75	0.160	= 6.00 m ²
	3	30.0	3.75	0.160	= 54.00 m ²
	1	10.0	3.75	0.160	= 6.00 m ²
	14	10.0	$\frac{3.75 + 4.75}{2}$	0.160	= 6.80 m ²

Continuation

280.80 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F	280.80 m ²
	1	30.00	3.75	0.160	18.00 y
	1	10.00	$\frac{3.75+4.80}{2}$	0.160	6.84 y
	1	10.00	3.75	0.160	6.00 y
					311.84 m ²
$\frac{12}{16}$	Laying Brick Saby				
	--- out of ---				
2	2	30.00	0.375		45.00 m
2	2	30.00	0.375		45.00 y
2	2	30.00	0.360		43.20 y
2	2	30.00	0.375		45.00 y
2	2	30.00	0.375		44.60 y
2	2	30.00	0.375		45.00 y
2	2	30.00	0.375		45.00 y
2	2	30.00	0.375		45.00 y
2	1	30.00	0.375		22.50 y
					380.10 m ²
$\frac{13}{17}$	Paving Road in K. Chowk Stn.				
	5.00 Nos.				
$\frac{14}{19}$	Paving of Jany. Junction				
	2.00 Nos. 8.00 m x 4.00 m				
	Shine B...				
	4.00 Nos.				
$\frac{15}{20}$	Paving 9.00 m x 6.00 m				
	6.00 Nos.				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{16}{21}$ Paving		6000	450	m	
seal work		51.20			
		6.00	Nos.		
$\frac{17}{22}$ Paving & laying of					
seal work - cut off					
2 x 5 x 30.00 x 0.100 =					30.00 m ²
2 x 5 x 30.00 x 0.100 =					30.00 y
2 x 5 x 30.00 x 0.100 =					30.00 y
2 x 5 x 30.00 x 0.100 =					30.00 "
2 x 5 x 30.00 x 0.100 =					30.00 y
2 x 5 x 30.00 x 0.100 =					30.00 y
2 x 5 x 30.00 x 0.100 =					30.00
					210.00 m ²
$\frac{18}{23}$ Paving outside work					
connected with Paving					
cut off - cut off					
1 x 15.00 x 3.75 x 0.250 =					14.06 m ²
$\frac{19}{24}$ Paving & laying road					
seal work - - -					
- cut off					
1 x 15.00 x 3.75 x 0.250 =					14.06 m ²
$\frac{20}{25}$ Paving of Ties					
by the seal work					
- cut off					
		54.00	Nos.		

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
$\frac{21}{26}$ Paving & Laying				7
R. concrete				9
Hum. p/c				cf.
1/8 x 2.50 x 15.00				17
$\frac{22}{27}$ Paving & concrete dish				
& place water table				
man		5.50		
1.00 Nos.				
$\frac{23}{28}$ Paving & Laying				
7 Typical manholes				
intramural side				
Brick & Laying				
			cf.	12
			5.00	110.5
$\frac{24}{6}$ Const. of Embankment				
			cf.	16
Change		CL5 Area	Mean Area	Length
0.00		5.614		
50.00		6.025	5.820	50.00
100.00		7.206	6.616	50.00
150.00		3.460	5.333	50.00
200.00		3.179	3.320	50.00
250.00		1.195	2.187	50.00
300.00		1.047	1.121	50.00
350.00		1.237	1.142	50.00
400.00		1.212	1.225	50.00

Continuation

1338.10 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F	1338.100
450.00		4.728	2.970	50.0	148.500
500.00		3.883	4.306	50.0	215.275
550.00		3.797	3.840	50.0	192.000
600.00		6.400	5.099	50.0	254.925
650.00		5.121	5.761	50.0	288.025
700.00		5.141	5.131	50.0	256.550
750.00		1.105	3.123	50.0	156.150
800.00		1.146	1.126	50.0	56.275
850.00		1.246	1.196	50.0	59.800
900.00		1.017	1.132	50.0	56.575
950.00		1.262	1.140	50.0	56.975
1000.00		0.858	1.110	50.0	55.500
1050.00		0.999	0.979	50.0	48.925
<u>Deduction</u>					<u>3183.575</u>
(1) sub grade					= 1095.39 m ³
(2) G.C. B.F.					= 545.91 m ³
(3) W.B.M. G.C. III					= 315.46 m ³
(4) P.C.M.					= 311.84 m ³
					2268.600 m ³
Total E/W					(3183.575 - 2268.600)
					= 914.975 m ³
for 100mm bed					= 80% of 914.975 = 731.98 m ³
$\frac{25}{5}$ Cost of Bedding					
for 100mm bed					= 20% of 914.975
					= 182.995 m ³
Sub					
20/05/24					
J.E.					

Continuation

Phukan

H.P. 2004 d 2004

Abstract of cost-

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Sch. XLV-Form No.134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
$\frac{1}{3}$ clay & gully 7 m					
T.M.B / P- 5 =			0.34	4 m	
T.M.B / P- 9 =			0.06	4 m	
			0.40	4 m	
$\frac{2}{4}$ Excavation for well 10 m					
T.M.B / P- 5 =			4.6	50 m ³	
$\frac{3}{7}$ Const. of subgrade & shoulder - cut & fill					
T.M.B / P- 5 =			840.06	m ³	
T.M.B / P- 10 =			255.33	m ³	
			1095.39	m ³	
$\frac{4}{8}$ Const. of granular sub-base - cut & fill					
T.M.B / P- 5 =			306.9	m ³	
T.M.B / P- 11 =			98.06	m ³	
			404.96	m ³	
$\frac{5}{9}$ Paving area 11.42 m					
T.M.B / P- 5 =			142.97	m ³	
T.M.B / P- 11 =			25.46	m ³	
			169.43	m ³	

Continuation

on 27/6/42

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P.	27,16,14220
$\frac{6}{13}$	Const. of granules sub.				
	base - cm		cf. ft.		
T.M.B/P	5 =	127.50	3		
T.M.B/P	13 =	13.45	11		
		140.95	23		
		$\Rightarrow 3728.97/m^2$			5,25,59820
$\frac{7}{14}$	Brickly W.M. C. III				
	- - -		cf. ft.		
T.M.B/P	14 =	146.03	2		
		$\Rightarrow 5209.91/m^2$			7,60,80320
$\frac{8}{10}$	Brickly Prime Coat				
	- - -		cf. ft.		
T.M.B/P	12 =	2265.00	2		
		$\Rightarrow 60.06/m^2$			1,36,03620
$\frac{9}{11}$	Brickly Tack Coat				
	- - -		cf. ft.		
T.M.B/P	12 =	2265.00	2		
		$\Rightarrow 20.66/m^2$			46,79520
$\frac{10}{12}$	Brickly Mix sand sub.				
	- - -		cf. ft.		
T.M.B/P	13 =	2265.00	2		
		$\Rightarrow 295.29/m^2$			6,68,8320
$\frac{11}{15}$	Const. of W.M. surface				
	- - -		cf. ft.		
T.M.B/P	15 =	311.84	2		
		$\Rightarrow 9677.74/m^2$			30,17,9060

Continuation

 $\Rightarrow 7872,11220$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF 57	872.1122
$\frac{12}{16}$ Laying brick ad 82					
slab - cur C.P. ft					
T.H.B / P - 15 = 380.1022					
	2	524.11	1/2		1992.420
$\frac{13}{17}$ Paving Rec. Kithanthe					
slab - cur C.P. ft					
T.H.B / P - 15 = 5.01/15					
	2	868.20	20/2		434.120
$\frac{14}{19}$ Paving 40x40 inch					
2 in 1/2 812					
T.H.B / P - 15 = 4.01/15					
	2	5943.70	70/2		23775.20
$\frac{15}{20}$ Paving 90cm square					
3/2 cur C.P. ft					
T.H.B / P - 15 = 6.00/15					
	2	6790.78	78/2		40745.20
$\frac{16}{27}$ Paving 60cm x 45cm					
2 in 1/2 612					
T.H.B / P - 16 = 6.00/16					
	2	5798.76	76/2		34793.20
$\frac{17}{22}$ Paving 40x40 inch					
2 in 1/2 812					
T.H.B / P - 16 = 210.00					
	2	825.75	75/2		173408.20
$\frac{18}{23}$ Paving rubble slab					
2 in 1/2 812					

Continuation

20 83483882

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P.	8948.3882
T.H.B/P-16 =	14.06.22	L			
	295.29				415224
$\frac{19}{24}$ Paddy & long					
moor - cut off					
T.H.B/P-16 =	14.06.22	L			
	825.75				11,61024
$\frac{20}{25}$ Paddy & Trees					
by the road side					
T.H.B/P-16 =	51.0	No.5			
	1230.09				62,73524
$\frac{21}{26}$ Paddy & long					
Road side					
T.H.B/P-17 =	15.00	M			
	1007.14	R			15,10724
$\frac{22}{27}$ Paddy & empty					
place identified					
T.H.B/P-17 =	1.00	No.5			
	14482.28				14,48224
$\frac{23}{28}$ Paddy & dry					
MH way in front					
T.H.B/P-17 =	5.0	No.5			
	1225.05				60,62524

Continuation

85,17,09924

