

सिद्धार्थ नर २५-६१. २/१२.

Schedule XLV-Form No. 134

(ML3091)

BAGANA-2 DIVISION

MAHAUBANI. SUB-DIVISION

Reginald Williams put (td).

MEASUREMENT BOOK

Name to 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.)

the measurements relating to each work.					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1ST MEASUREMENT ON A/C					
Bill.					
Name of work - M/R					
for Tenuhuwa To					
Ruparui Road.					
Agency - Rabbir Nieman					
P. Limited.					
Date of Start -					
Date of completion -					
Date of measurement -					

Date of Agreement 24/03/19-20

1) Clearing & Grubbing

$$2 \times 213 \times 30 \times 1.00 = 12780 \text{ m}^2$$

$$2 \times 1 \times 15 \times 1.00 = 30 \text{ m}^2$$

$$\text{Total} = 12810 \text{ m}^2$$

$$1 = 12810 \text{ m}^2$$

2) Securing & Sealing

Bituminous Surface

$$32 \times 30 \times 3.75 = 3600 \text{ m}^2$$

$$1 \times 0.075 \times 3.75 = 2.81 \text{ m}^2$$

$$\text{Total} = 3602.81 \text{ m}^2$$

3) Construction of

Subgrade - 30

$$2 \times 213 \times 30 \times 1.15 = 14597 \text{ m}^2$$

$$2 \times 15 \times 1.15 \times 30 = 10.35 \text{ m}^2$$

$$\text{Continuation Total} = 4419.45 \text{ m}^2$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4- construction of					
Gr. S. B. C. S. S. S.					
	9	6.4	3.2	0.175	32.26 ³
	6	8.55	2.7	0.175	24.34"
	5	4.5	2.66	0.175	10.47"
	3	5.75	3.55	0.175	10.72"
	4	2.85	1.5	0.175	3.19"
	7	5.1	1.3	0.175	8.12"
	5	4.22	2.15	0.175	7.94"
	5	3.48	1.65	0.175	5.02"
	4	5.1	1.2	0.175	4.28"
	4	1.26	1.4	0.175	1.23"
	3	1.8	2.6	0.175	2.45-

	4	1.35	1.2	0.175	2.31"
	4	6.05	1.64	0.175	2.98"
	5	6.96	1.3	0.175	0.47"
	8	2.35	2.2	0.175	4.65"
	4	3.25	2.15	0.175	4.89"
	3	5.35	2.2	0.175	6.18"
	4	3.75	1.65	0.175	4.83"
	2	2.52	1.85	0.175	1.63"
	8	5.7	3.9	0.175	31.12"
	1	5.4	2.6	0.175	2.46"
	5	4.22	0.2	0.175	0.741"
	5	3.48	1.65	0.175	5.02"
	4	5.1	1.2	0.175	4.281"
	4	1.26	1.4	0.175	1.231"

Continuation

7
7
6
7
4.
4
7
2
5
70
59
59
68
68
75
7
7

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					³
					$3 \times 5.3 \times 2.13 \times 0.075 = 3.02 \text{ m}^3$
					$6 \times 8.55 \times 3.45 \times 0.075 = 13.27 \text{ m}^3$
					$4 \times 4.75 \times 3 \times 0.075 = 4.28 \text{ m}^3$
					$5 \times 2.25 \times 1.9 \times 0.075 = 1.92 \text{ m}^3$
					$2 \times 2.4 \times 3.75 \times 0.075 = 13.5 \text{ m}^3$
					$4 \times 1.25 \times 1.25 \times 0.075 = 0.48 \text{ m}^3$
					$9 \times 1.1 \times 1.3 \times 0.075 = 0.97 \text{ m}^3$
					$9 \times 2.18 \times 1.75 \times 0.075 = 2.58 \text{ m}^3$
					$2 \times 1.6 \times 3.75 \times 0.075 = 9.0 \text{ m}^3$
					$5 \times 1.67 \times 1.8 \times 0.175 = 1.13 \text{ m}^3$
					$4 \times 10.05 \times 1.85 \times 0.175 = 5.58 \text{ m}^3$
					$3 \times 3.88 \times 2.25 \times 0.175 = 1.95 \text{ m}^3$
					$1 \times 27 \times 3.75 \times 0.175 = 7.59 \text{ m}^3$
					$7 \times 1.53 \times 1.45 \times 0.175 = 3.49 \text{ m}^3$
					$4 \times 7.05 \times 1.45 \times 0.175 = 3.67 \text{ m}^3$
					$5 \times 4.5 \times 2.0 \times 0.175 = 7.88 \text{ m}^3$
					$3 \times 2.39 \times 3.35 \times 0.175 = 4.45 \text{ m}^3$
					$4 \times 2.39 \times 1.6 \times 0.175 = 2.68 \text{ m}^3$
					$3 \times 2.85 \times 2 \times 0.175 = 1.28 \text{ m}^3$
					$6 \times 2.85 \times 2.35 \times 0.175 = 2.7 \text{ m}^3$
					$5 \times 6.25 \times 1.9 \times 0.175 = 4.45 \text{ m}^3$
					$4 \times 12.05 \times 2.85 \times 0.175 = 10.30 \text{ m}^3$
					$6 \times 1.25 \times 1.39 \times 0.175 = 0.78 \text{ m}^3$
					$5 \times 1.1 \times 1.25 \times 0.175 = 0.52 \text{ m}^3$
					$13 \times 3.05 \times 2.85 \times 0.175 = 7.82 \text{ m}^3$
					$5 \times 4.25 \times 1.97 \times 0.175 = 3.14 \text{ m}^3$
					$5 \times 1.67 \times 1.8 \times 0.175 = 1.13 \text{ m}^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					3
		4x10.05	x1.85	x0.175	= 5.58 ³
		3x3.85	x2.25	x0.175	= 1.95"
		1x27	x3.75	x0.175	= 7.59"
		7x1.53	x1.45	x0.175	= 3.49"
		4x7.05	x1.45	x0.175	= 3.07"
		5x4.15	x2.0	x0.175	= 7.88"
		3x2.35	x3.55	x0.175	= 4.45"
		4x2.39	x1.6	x0.175	= 2.68"
		7x5.10	x1.3	x0.175	= 8.12"
		5x4.22	x0.2	x0.175	= 0.74"
		5x3.48	x1.65	x0.175	= 5.02"
		4x5.1	x1.2	x0.175	= 4.28"
		4x1.25	x1.4	x0.175	= 1.23"

$$3x1.8x2.6x0.175 = 2.46"$$

$$\text{Total} = 453.95\text{ ft}^3$$

5-Pin W.B.P. Grate

II 000 - 200

$$5x5.8x3.9x0.075 = 8.48\text{ ft}^3$$

$$5x5.4x2.6x0.075 = 5.27"$$

$$4x2.4x5.1x0.075 = 3.67"$$

$$1x2.58x3.9x0.075 = 0.75"$$

$$8x2.19x2.85x0.075 = 3.79"$$

$$1x1.6x3.2x0.075 = 3.84"$$

$$1x2.29x2.7x0.075 = 0.46"$$

$$2x2.16x2.9x0.075 = 0.94"$$

$$9x2.25x3.9x0.075 = 5.92"$$

$$2x2.8x3.75x0.075 = 1.58"$$

$$4x3.72x1.29x0.075 = 1.44"$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	5	1.22	1.32	0.075	0.72 "
	1	1.2	1.43	0.075	1.25 "
	9	2.8	1.7	0.075	3.21 "
	2	2.8	3.7	0.075	1.55 "
	6	14	14.43	1.4	9.09 "
	8	14	1.9	0.075	15.96 "
	8	4.35	2.8	0.075	7.31 "
	9	3.18	3	0.075	6.44 "
	2	2.8	3.2	0.075	1.34 "
III	6	2.25	2.7	0.075	2.78 "
2	2	2.15	2.9	0.075	0.94 "
	9	2.55	2.8	0.075	4.86 "
	4	2.4	5.1	0.075	3.07 "
	5	2.58	3.9	0.075	3.77 "
	8	2.19	2.85	0.075	3.74 "
	2	3.95	1.9	0.075	1.15 "
	7	1.1	1.5	0.075	0.87 "
	8	16.25	2.05	0.075	12.61 "
	8	2.19	1.41	0.075	1.85 "
	4	4.4	2.66	0.075	3.51 "
	2	5.75	1.8	0.075	1.55 "
	6	3.85	1.4	0.075	1.8 "
	3	1.2	1.4	0.075	0.38 "
	3	5.7	3.7	0.075	4.75 "
	6	14.43	1.4	0.075	9.09 "
	3	5.7	1.9	0.075	2.44 "
	2	4.35	3.8	0.075	1.83 "

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					3
	1	3.18	3	0.075	= 0.727
	4	3.25	2.15	0.075	= 2.1 "
	2	5.35	2.2	0.075	= 1.77 "
	9	2.8	1.7	0.075	= 3.21 '
	1	2.8	3.7	0.075	= 0.78 "
	6	14.43	1.4	0.075	= 9.05 "
	2	2.85	1.4	0.075	= 0.6 "
	3	11	3.75	0.075	= 9.28 "
	6	3.72	1.25	0.075	= 2.16 "
	3	2.52	1.85	0.075	= 1.05 "
	5	5.7	5.9	0.075	= 8.34 "
	2	5.4	2.6	0.075	= 2.11 "
	4	11.1	1.95	0.075	= 6.49 "
	3	3.95	1.9	0.075	= 1.69 "
	2	1.1	1.5	0.075	= 0.25 '
	8	3.95	2.05	0.075	= 4.85 "
	8	2.19	1.41	0.075	= 1.85 "
	4	4.4	2.6	0.075	= 3.51 "
	5	5.75	1.8	0.075	= 4.65 "
	6	2.85	1.4	0.075	= 1.8 "
	8	11	3.75	0.075	= 24.75 '
	9	3.72	1.25	0.075	= 3.24 "
	6	1.22	1.32	0.075	= 0.72 "
	5	12	1.43	0.075	= 6.44 "
	9	2.8	1.7	0.075	= 3.21 '
	Total =				270.25'
	G. R. W. L. B. P. Concrete				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	115	5.00	3.21		
		4 x 2.5 x 3.45 x 0.075			3.381 "
		2 x 2.3 x 3.15 x 0.075			1.1381 "
		6 x 1.2 x 1.7 x 0.075			2.39 "
		3 x 2.75 x 1.35 x 0.075			1.31 "
		2 x 2.0 x 3.5 x 0.075			14.05 "
		6 x 0.82 x 1.3 x 0.075			0.47 "
		3 x 0.85 x 1.75 x 0.075			0.47 "
		4 x 1.85 x 0.71 x 0.075			0.5 "
		5 x 1.05 x 1.24 x 0.075			0.59 "
		5 x 0.9 x 1.1 x 0.075			0.45 "
		5 x 1.0 x 1.7 x 0.075			0.51 "
		11 x 1.10 x 1.7 x 0.075			1.5 "
		3 x 0.75 x 0.15 x 0.075			4.23 "
		5 x 2.1 x 2.2 x 0.075			1.731 "
		2 x 3.45 x 2.75 x 0.075			1.42 "
		6 x 1.50 x 1.5 x 0.075			0.94 "
		5 x 4.25 x 1.07 x 0.075			3.14 "
		5 x 1.07 x 1.8 x 0.075			1.13 "
		4 x 10.105 x 1.85 x 0.075			5.58 "
		3 x 3.85 x 2.25 x 0.075			1.95 "
		5 x 3.25 x 1.69 x 0.075			5.23 "
		3 x 3.25 x 1.9 x 0.075			1.63 "
		5 x 1.1 x 1.4 x 0.075			0.58 "
		5 x 10.25 x 1.05 x 0.075			4.73 "
		6 x 1.19 x 1.41 x 0.075			1.33 "
		3 x 2.5 x 3.75 x 0.075			21.99 "

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					$7 \times 0.87 \times 1.2 \times 0.075 = 0.55 \text{ ft}^2$
					$5 \times 6.05 \times 1.95 \times 0.075 = 4.75 \text{ ft}^2$
					$5 \times 11.85 \times 2.7 \times 0.075 = 12.0 \text{ ft}^2$
					$7 \times 1.05 \times 1.24 \times 0.075 = 0.68 \text{ ft}^2$
					$2 \times 1.47 \times 1.65 \times 0.075 = 0.36 \text{ ft}^2$
					$7 \times 0.94 \times 1.1 \times 0.075 = 0.52 \text{ ft}^2$
					$13 \times 2.85 \times 2.7 \times 0.075 = 7.5 \text{ ft}^2$
					$1 \times 4.05 \times 1.82 \times 0.075 = 0.55 \text{ ft}^2$
					$6 \times 1.17 \times 1.65 \times 0.075 = 1.09 \text{ ft}^2$
					$3 \times 2.7 \times 1.75 \times 0.075 = 10.63 \text{ ft}^2$
					$11 \times 1.53 \times 1.45 \times 0.075 = 1.83 \text{ ft}^2$
					$5 \times 7.05 \times 1.45 \times 0.075 = 3.83 \text{ ft}^2$
					$3 \times 1.65 \times 1.64 \times 0.075 = 1.83 \text{ ft}^2$
					$10 \times 0.9 \times 1.2 \times 0.075 = 0.81 \text{ ft}^2$
					$4 \times 2.35 \times 1.7 \times 0.075 = 1.2 \text{ ft}^2$
					$20 \times 1.35 \times 1.2 \times 0.075 = 2.43 \text{ ft}^2$
					$5 \times 6.05 \times 1.64 \times 0.075 = 3.72 \text{ ft}^2$
					$6 \times 0.96 \times 1.3 \times 0.075 = 0.56 \text{ ft}^2$
					$13 \times 2.35 \times 2.2 \times 0.075 = 5.04 \text{ ft}^2$
					$4 \times 1.6 \times 1.7 \times 0.075 = 0.82 \text{ ft}^2$
					$8 \times 1.79 \times 1.68 \times 0.075 = 1.8 \text{ ft}^2$
					$18 \times 8.75 \times 1.8 \times 0.075 = 21.25 \text{ ft}^2$
					$7 \times 2.1 \times 2.2 \times 0.075 = 2.08 \text{ ft}^2$
					$3 \times 3.45 \times 2.75 \times 0.075 = 2.13 \text{ ft}^2$
					$7 \times 1.39 \times 1.5 \times 0.075 = 1.09 \text{ ft}^2$
					$4 \times 1.26 \times 1.48 \times 0.075 = 0.56 \text{ ft}^2$
					$16 \times 3.05 \times 1.7 \times 0.075 = 5.22 \text{ ft}^2$

Continuation

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	13	1.25	1.5	0.075	1.84"
	15	3.05	1.7	0.075	5.83'
	3	2.85	2	0.075	1.28'
	6	3.55	2.35	0.075	2.7'
	5	5.25	1.9	0.075	4.45"
	4	12.05	2.85	0.075	10.3"
	6	1.25	1.35	0.075	0.78"
	5	1.1	1.25	0.075	0.62'
	12	3.05	2.85	0.075	7.82"
	5	4.35	1.97	0.075	3.14"
	5	1.65	1.8	0.075	1.13'
	4	10.05	1.85	0.075	5.58"
	3	3.85	2.25	0.075	1.95"
	1	27	3.75	0.075	11.58'
	7	1.55	1.45	0.075	3.49'
	4	7.05	1.45	0.075	3.01"
	8	1.65	1.64	0.075	1.62"
	9	0.9	1.2	0.075	0.73'
	3	2.35	1.7	0.075	0.90'
	4	1.35	1.2	0.075	2.31'
	4	6.05	1.64	0.075	2.98"
	5	0.96	1.3	0.075	0.47"
	8	2.35	2.2	0.075	4.65'
	4	3.25	2.15	0.075	2.1'
	3	5.35	2.2	0.075	2.65'
	4	3.75	1.65	0.075	1.86'
	2	2.52	1.85	0.075	0.71"

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	8	5.7	3.9	0.075	= 13.34 m ³
	1	5.4	2.6	0.075	= 1.05 "
	3	11.1	1.98	0.075	= 4.95 "
	9	2.25	3.9	0.075	= 5.92 "
				Total =	545.8 m ³
7- Riv Prime coat					
	3	30	3.75		= 337.5 m ²
	3	30	3.75		= 337.5 "
	3	30	3.75		= 337.5 "
	3	30	3.75		= 337.5 "
	18	30	3.75		= 2025 "
	33	30	3.75		= 3712.5 "
	(30 + 1.85)		$\frac{5+3.75}{2}$		= 184.5 "
	1.50		3.75		= 5.62 "
				Total =	7277.7 m ²
8- Riv Pottery work					
	(30 + 20.16)		$\frac{5+3.75}{2}$		= 244.56 m ²
	116	30	3.75		= 13050.0 "
	11.5		3.75		= 41.25 "
				Total =	13335.81 m ²
9- Riv Tack coat					
	(3x30 + 0.96)		$\frac{5+3.75}{2}$		= 472.69 m ²
	319	30	3.75		= 35887.5 "
	1	5	3.75		= 18.75 "
				Total =	36378.94 m ²

Continuation 36378.94 m²

[illegible]

Particulars	Details of actual measurement				Contents of area	
	No.	L	B.	D.		
ABSTRACT OF COST OF						
1ST MEASUREMENT ON -						
A/c BILL.						
Name of work - M/R From						
Tuni Rwa To Rakoti						
Road.						
Agency - Ranbir Nirman						
PVT LTD.						
Agreement No - 44MBD/19-20						
Date of Start - 31-1-20						
Date of completion - 30-10-20						
Date of Measurement - 30-11-20						
1) Clearing →						
Clearing →						
Vier 1/2 $\frac{1.28}{2}$ $\frac{12.81}{2}$ m.						
ER 53034.73 / R 68706 =						
2. Securing Existing						
Bitumen						
Vier 1/2 $\frac{3602.81}{2}$ m ² .						
ER 17.27 / R 62221 =						
3. construction of						
Subgrade →						
Vier 1/2 $\frac{4419.45}{2}$ m ³ .						
ER 198.30 / R 87637 =						
4. construction of						
G.S.B.						
Subgrade →						
Continuation - 1007304 =						

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R 1997 304 = 10

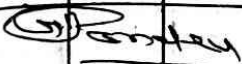
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	Q.	
1- Riv Prime coat					
2- Riv Prime coat					
3- Riv Prime coat					
4- Riv Prime coat					
5- Riv Prime coat					
6- Riv Prime coat					
7- Riv Prime coat					
8- Riv Prime coat					
9- Riv Prime coat					
10- Riv Prime coat					

Continuation - 1.17, 23, 232

1.17.23.232 = 4

[illegible]

MATERIAL

1. Fill -	4419.45 m ³
2. S. Material -	1335.98 m ³
3. L. Sand -	232.42 m ³
4. S. Gravel -	203.94 m ³
5. Bitumen -	116.288 m ³
6. Emulsion -	SS1 - 6.19 m ³ RS1 - 10.91 m ³
7. S. Chippings -	1483.95 m ³
1   30-11-20 J. E. R. W. D. 30 11 20 AE Bayero - R.	

Continuation