

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 measurement 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					
Jawa More to Piprasi					
Agency - Reg. Construction					
Agreement No -					
Date of Start - 12-12-19					
Date of completion - 11-9-20					
Date of Measurement -					
1. Clearing & Grubbing					
$2 \times 140 \times 1.00 = 8400 \text{ m}^2$					
i.e. 84 Hect.					
2. Securing Existing					
Bitumen Surface					
$12 \times 30 \times 3.75 = 1350 \text{ m}^2$					
$1 \times 18 \times 3.75 = 67.5$					
Total = 1417.5 m ²					
20-5-20					
3. Construction of					
Gr. S.P. on - 20					
$5 \times 1.29 \times 1.48 \times 0.175 = 1.95 \text{ m}^3$					
$3 \times 1.15 \times 1.25 \times 0.175 = 0.75$					
$8 \times 23 \times 3.48 \times 0.175 = 83.32$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
					3
		5	1.2	1.7	$0.175 = 1.795$
		3	2.75	1.95	$0.175 = 2.82$
		9	4.05	3.75	$0.175 = 23.92$
		6	0.87	1.2	$0.175 = 1.1$
		12	5.05	1.75	$0.175 = 22.23$
		4	11.85	2.7	$0.175 = 22.4$
		6	1.05	1.24	$0.175 = 1.37$
		6	0.9	1.1	$0.175 = 1.04$
		8	2.85	2.7	$0.175 = 10.77$
		5	4.05	1.82	$0.175 = 6.45$
		5	1.47	1.05	$0.175 = 2.12$
		1	2.7	3.75	$0.175 = 17.72$
		6	1.53	1.45	$0.175 = 2.33$
		6	2.05	1.45	$0.175 = 7.15$
		8	1.65	1.64	$0.175 = 3.79$
		9	0.9	1.2	$0.175 = 1.71$
		3	2.35	1.7	$0.175 = 2.1$
		12	1.35	1.2	$0.175 = 3.4$
		6	6.05	1.64	$0.175 = 6.95$
		5	0.95	1.3	$0.175 = 1.09$
		9	2.35	2.2	$0.175 = 8.14$
		8	1.6	1.7	$0.175 = 3.81$
		7	2.85	2	$0.175 = 6.98$
		5	2.55	2.35	$0.175 = 5.24$
		6	6.25	1.9	$0.175 = 12.47$
		9	13.05	2.85	$0.175 = 54.09$

Continuation

Ticked
 Winchell
 26/05/2020
 12

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11	1.25	1.39	0.175		3.34 ³
2	1.1	1.25	0.175		1.58"
12	3.05	2.85	0.175		18.25'
5	4.25	1.87	0.175		1.33.
3	1.57	1.8	0.175		1.58"
4	10.95	1.85	0.175		13.51"
<u>Total =</u>					<u>357.21³</u>
 <u>25.5.20</u>					
 Riv. B. M. Corbett					
<u>on complete 30.</u>					
9	2.8	1.7	0.075		3.21 ³
4	28	3.7	0.075		31.08"
5	14.43	1.4	0.075		1.58"
8	14	1.9	0.075		15.96.
3	4.35	2.8	0.075		2.74"
5	3.18	3	0.075		3.58"
9	15	3.2	0.075		34.55.
7	2.29	2.7	0.075		3.25"
2	2.15	2.9	0.075		0.94"
9	1.5	1.5	0.075		1.52"
5	2.35	2.2	0.075		1.94"
9	2.18	1.75	0.075		2.58"

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$2 \times 15 \times 3.75 \times 0.075 = 9 \text{ m}^3$					9
$5 \times 1.25 \times 1.45 \times 0.075 = 0.84 \text{ m}^3$					0.84
$8 \times 1.15 \times 1.25 \times 0.075 = 0.87 \text{ m}^3$					0.87
$2 \times 23 \times 3.45 \times 0.075 = 11.90 \text{ m}^3$					11.90
$5 \times 1.2 \times 1.7 \times 0.075 = 0.92 \text{ m}^3$					0.92
$3 \times 2.75 \times 1.95 \times 0.075 = 1.21 \text{ m}^3$					1.21
$2 \times 25 \times 3.75 \times 0.075 = 14.06 \text{ m}^3$					14.06
$5 \times 0.85 \times 1.3 \times 0.075 = 0.47 \text{ m}^3$					0.47
$5 \times 5.95 \times 1.75 \times 0.075 = 3.97 \text{ m}^3$					3.97
$5 \times 3.95 \times 1.5 \times 0.075 = 3.38 \text{ m}^3$					3.38
$4 \times 2.55 \times 2.8 \times 0.075 = 2.15 \text{ m}^3$					2.15
$4 \times 2.4 \times 5.1 \times 0.075 = 3.57 \text{ m}^3$					3.57
$1 \times 2.58 \times 3.9 \times 0.075 = 0.75 \text{ m}^3$					0.75
$8 \times 2.19 \times 2.85 \times 0.075 = 3.74 \text{ m}^3$					3.74
$5 \times 3.95 \times 1.9 \times 0.075 = 3.38 \text{ m}^3$					3.38
$11 \times 1.1 \times 1.5 \times 0.075 = 1.35 \text{ m}^3$					1.35
$8 \times 10.25 \times 2.05 \times 0.075 = 12.61 \text{ m}^3$					12.61
$8 \times 2.15 \times 1.41 \times 0.075 = 1.85 \text{ m}^3$					1.85
$4 \times 4.4 \times 2.65 \times 0.075 = 3.51 \text{ m}^3$					3.51
$12 \times 1.2 \times 1.4 \times 0.075 = 1.51 \text{ m}^3$					1.51
Total =					189 m ³
Grand Total					189 m ³
S.E.					
Checked					
06/06/2020					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
P14 100.53.11. 100.53.11					
III 100.53.11. 100.53.11					
5 x 1.8 x 1.5 x 0.075 = 1.35					
4 x 2.39 x 2.31 x 0.075 = 1.56					
5 x 1.68 x 1.85 x 0.075 = 1.17					
3 x 8.15 x 2.85 x 0.075 = 3.75					
7 x 2.59 x 1.7 x 0.075 = 2.31					
3 x 9.35 x 1.95 x 0.075 = 4.1					
5 x 1.78 x 1.65 x 0.075 = 1.32					
7 x 1.3 x 1.67 x 0.075 = 1.14					
9 x 2.15 x 2.85 x 0.075 = 4.21					
3 x 3.95 x 1.9 x 0.075 = 1.59					
5 x 1.1 x 1.4 x 0.075 = 0.58					
3 x 3.95 x 2.85 x 0.075 = 1.82					
5 x 2.19 x 1.41 x 0.075 = 1.39					
2 x 4.4 x 2.85 x 0.075 = 1.75					
5 x 5.75 x 1.8 x 0.075 = 4.56					
8 x 2.85 x 1.5 x 0.075 = 2.57					
12 x 1.2 x 1.45 x 0.075 = 1.57					
4 x 3.25 x 2.18 x 0.075 = 2.1					
2 x 5.35 x 2.2 x 0.075 = 1.77					
5 x 3.75 x 1.65 x 0.075 = 2.78					
9 x 2.52 x 1.85 x 0.075 = 3.15					
4 x 11.85 x 2.7 x 0.075 = 9.6					
5 x 1.05 x 1.24 x 0.075 = 0.59					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	6	0.9	1.1	0.075	0.45 ³
	12	2.85	2.7	0.075	0.93"
	5	4.05	1.82	0.075	2.75.
	5	1.47	1.55	0.075	0.91 "
	1	27	3.75	0.075	7.59.
	21	1.53	1.45	0.075	3.49.
	4	7.05	1.45	0.075	3.07.
	8	1.55	1.57	0.075	1.52"
	9	0.9	1.2	0.075	0.73"
	3	2.35	1.7	0.075	0.9"
	19	1.35	1.24	0.075	2.31"
	4	5.05	1.54	0.075	2.98.
	5	0.9	1.3	0.075	0.47"
	12	2.35	2.2	0.075	4.65"
	3	1.5	1.7	0.075	0.61.
	7	1.75	1.7	0.075	1.5.
	3	8.75	2.15	0.075	4.23.
	5	2.1	2.2	0.075	1.73."
	2	3.45	2.75	0.075	1.42."
	2	24	3.75	0.075	13.5"
	4	1.25	1.25	0.075	0.48.
	9	1.1	1.3	0.075	0.97.
	13	1.2	1.4	0.075	1.54.
	6	2.2	1.5	0.075	1.58."
	2	28	3.75	0.075	15.75

Continuation

Ticket
 Wm. Chubb
 11/06/2020
 A. G.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$7 \times 0.89 \times 1.2 \times 0.075 = 0.56''$
					$9 \times 1.5 \times 1.5 \times 0.075 = 1.52$
					$13 \times 2.35 \times 2.2 \times 0.075 = 5.04''$
					$9 \times 2.18 \times 1.75 \times 0.075 = 2.58''$
					$2 \times 16 \times 3.75 \times 0.075 = 9.0''$
					$6 \times 1.29 \times 1.45 \times 0.075 = 0.84''$
					$11 \times 1.15 \times 1.25 \times 0.075 = 1.2''$
					$2 \times 23 \times 3.45 \times 0.075 = 11.9''$
					$6 \times 1.2 \times 1.7 \times 0.075 = 0.92''$
					$3 \times 3.75 \times 1.95 \times 0.075 = 1.21''$
					$2 \times 25 \times 3.75 \times 0.075 = 14.06''$

					$3 \times 2.75 \times 1.95 \times 0.075 = 1.21''$
					$2 \times 25 \times 3.75 \times 0.075 = 14.06''$
					$6 \times 0.87 \times 1.2 \times 0.075 = 0.47''$
					$5 \times 6.05 \times 1.75 \times 0.075 = 3.97''$
					$4 \times 11.85 \times 2.7 \times 0.075 = 9.6''$
					$6 \times 1.55 \times 1.24 \times 0.075 = 0.59''$
					$6 \times 0.9 \times 1.1 \times 0.075 = 0.45''$
					$5 \times 1.27 \times 1.25 \times 0.075 = 0.48''$
					$5 \times 1.1 \times 1.3 \times 0.075 = 0.97''$
					$11 \times 1.2 \times 1.4 \times 0.075 = 1.39''$
					$6 \times 2.2 \times 1.6 \times 0.075 = 1.58''$
					$2 \times 28 \times 3.75 \times 0.075 = 15.75''$
					$7 \times 0.89 \times 1.2 \times 0.075 = 0.56''$
					$9 \times 1.5 \times 1.5 \times 0.075 = 1.52''$

Continuation

Picked
 checked
 11/06/2020
 AR

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	9	2.35	7.2	0.75	3.49 m ³
	9	2.18	1.75	0.75	2.58 "
	2	1.5	3.75	0.75	9.0 "
	5	1.25	1.45	0.75	0.84 "
	7	1.15	1.25	0.75	20.75 "
	2	2.3	3.45	0.75	11.90 "
	5	1.2	1.7	0.75	0.92 "
	3	2.75	1.95	0.75	1.21 "
	2	2.5	3.75	0.75	14.06 "
	5	0.87	1.2	0.75	0.47 "
	5	0.05	1.75	0.75	3.97 "

$$4 \times 11.85 \times 2.7 \times 0.75 = 9.5$$

$$Total = 298.27 \text{ m}^3$$

Remainder

10-6-20

S.E.

Prime Trench
P.V. Piped over

6.37 units with 5 feet

Sanitary pit - 5 feet

$$6 \times 1.8 \times 1.5 = 14.28 \text{ m}^3$$

$$4 \times 2.38 \times 2.31 = 22.08 "$$

$$5 \times 1.68 \times 1.85 = 15.54 "$$

$$3 \times 8.15 \times 2.05 = 50.12 "$$

$$7 \times 2.58 \times 1.7 = 30.82 "$$

$$3 \times 9.35 \times 1.95 = 54.70 "$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	11.78	1.55		17.52 m ²
	7	1.3	1.57		15.15 "
	9	2.19	2.85		56.17 "
	3	3.95	1.9		22.51 "
	5	1.1	1.42		7.7 "
	3	3.55	2.05		24.25 "
	6	2.19	1.41		18.52 "
	7	4.4	2.55		81.92 "
	6	5.75	1.8		62.15 "
	8	2.85	1.5		34.2 "
	12	1.2	1.45		20.88 "
	4	3.25	1.5		27.95 "
	2	5.35	2.22		23.54 "
	5	3.75	1.55		37.12 "
	9	2.52	1.85		41.95 "
	6	11.85	2.7		127.98 "
	5	1.05	1.24		7.81 "
	5	0.9	1.1		5.94 "
	12	2.85	2.7		92.34 "
	5	4.05	1.82		36.85 "
	5	1.47	1.65		12.12 "
	1	27	3.75		101.25 "
	21	1.53	1.45		46.58 "
	4	7.05	1.45		40.83 "
	8	1.65	1.64		21.64 "

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$9 \times 0.9 \times 1.2 = 9.72 \text{ m}^3$					
$3 \times 2.35 \times 1.7 = 11.98''$					
$10 \times 1.35 \times 1.2 = 30.78''$					
$4 \times 5.05 \times 1.5 = 39.68''$					
$5 \times 0.95 \times 1.3 = 6.24''$					
$12 \times 2.35 \times 2.2 = 62.04''$					
$3 \times 1.5 \times 1.7 = 8.16''$					
$7 \times 1.75 \times 1.7 = 21.35''$					
$3 \times 8.75 \times 2.15 = 72.18''$					
$5 \times 2.1 \times 2.2 = 23.10''$					
$2 \times 3.45 \times 2.15 = 18.97''$					
$2 \times 24 \times 3.75 = 180''$					
$4 \times 1.27 \times 1.25 = 6.35''$					
$9 \times 1.1 \times 1.3 = 12.87''$					
$13 \times 1.2 \times 1.4 = 21.84''$					
$6 \times 2.2 \times 1.5 = 21.12''$					
$2 \times 28 \times 3.75 = 210''$					
$7 \times 0.89 \times 1.2 = 7.47''$					
$9 \times 1.5 \times 1.5 = 20.25''$					
$13 \times 2.35 \times 2.2 = 67.21''$					
$9 \times 2.18 \times 1.75 = 34.33''$					
$2 \times 156 \times 3.75 = 120''$					
$6 \times 1.25 \times 1.45 = 11.22''$					
$11 \times 1.15 \times 1.25 = 15.95''$					
$2 \times 23 \times 3.45 = 158.7''$					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\bar{C} \times 1.2 \times 1.75 =$				12.24"	
$\bar{3} \times 2.75 \times 1.95 =$				16.08"	
$2 \times 25 \times 3.75 =$				187.5"	
$\bar{3} \times 2.75 \times 1.95 =$				16.08"	
$2 \times 25 \times 3.75 =$				187.5"	
$\bar{C} \times 6.87 \times 1.2 =$				5.95"	
$5 \times 6.45 \times 1.75 =$				52.93"	
$\bar{4} \times 11.85 \times 2.7 =$				127.98"	
$\bar{C} \times 1.65 \times 1.54 =$				13.27"	
$\bar{C} \times 6.94 \times 1.1 =$				5.94"	
$\bar{4} \times 11.2 \times 4.25 =$				5.33"	
$\bar{9} \times 1.1 \times 1.3 =$				12.87"	
$\bar{11} \times 1.2 \times 1.4 =$				18.48"	
$\bar{G} \times 2.2 \times 1.6 =$				21.12"	
$2 \times 28 \times 3.75 =$				210"	
$\bar{7} \times 0.85 \times 1.2 =$				2.13"	
$\bar{5} \times 1.5 \times 1.5 =$				20.25"	
$\bar{5} \times 2.35 \times 2.2 =$				46.53"	
$\bar{5} \times 2.18 \times 1.75 =$				34.33"	
$2 \times 16 \times 3.75 =$				120"	
$\bar{G} \times 1.29 \times 1.45 =$				11.22"	
$\bar{5} \times 1.16 \times 1.25 =$				10.15"	
$2 \times 23 \times 3.45 =$				158.70"	
$\bar{C} \times 1.2 \times 1.7 =$				12.24"	
$\bar{3} \times 2.75 \times 1.95 =$				16.08"	

Continuation

Ticked
Wanchu
09/06/2020
Aa

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1	18.07	202	35.4	m ²	
2	25	3.75	18	5 "	
3	0.87	1.2	6.26	"	
5	6.05	1.75	52.93	"	
4	11.85	2.7	127.88	"	
Total =					3976.97 ³
1	18.07				
	9.8.20				
	J.E.				

Piv Plate B work over

W.D.B. with mix

Scrub Surface on

work at J.E.

Qty 3976.97³

~~Subtotal~~

11-8-20

Piv

Piv Tech East on

work at J.E.

307.149 x 3.75 = 15750 "

5 x 26.25 x 1.2 = 157.50 "

Continuation 15907.50 m².

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
P/W S.D.B.C.					
all concrete					
100					
60 x 30 x 3.75 x 0.025 = 158.25 m ³					
20 x 30 x 3.75 x 0.025 = 56.25 m ³					
20 x 30 x 3.75 x 0.025 = 56.25 m ³					
40 x 30 x 3.75 x 0.025 = 112.5 m ³					
20 x 30 x 3.75 x 0.025 = 56.25 m ³					
17/8 20 x 26.25 x 1.2 x 0.025 = 394 m ³					
Total = 397.19 m ³					
17/8 20					
108-20					
5-2					
P/W construction +					
Subgrade - 30.					
2 x 140 x 30 x 1.15 x 6.30 = 3898 m ³					
17/8 20					
5-2					
P/W Intermediate Stone					
Class 5 No.					
200 m ³ Stone					
Class 15 No.					
Direction Sign Board					
3 x 1.2 x 0.80 = 2.88 m ²					
Painting Lines Darks					
100 x 1.0 x 0.10 = 10 m ²					
P/W Road and T.S.					

Continuation

Continuation

[illegible]

Sch. XLV-Form No. 134					
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 for Jora					
More to P.R. 1000.					
Agency - P.R. 1000.					
Agreement No -					
Date of Start - 12-12-2019.					
Date of completion - 11-09-20					
Date of Survey -					
1/1/2020					
Qty = 844 m ² .					
C.R. 47464.36 / P. 39870 = 0					
2-Scratching Existing					
Bitumen Surface.					
Qty = 1417.5 m ² .					
C.R. 15.28 / P. 21559 = 0					
3-Construction of					
C.C. S.B. Wall - 50.					
Qty = 359.21 m ³ .					
C.R. 3307.65 / P. 1202958 = 0					
4-Construction of					
C.C. S.B. Wall - 50.					
Qty = 189 m ³ .					
C.R. 6437.24 / P. 1215538 = 0					
Continuation - 24.8/125200					

Continuation - 24,81,125240

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5- Riv W.B.M. Gate			135-8	248	1.125 = 0
III					
					Area 288.27 m ²
					CF = 5859.93 / R = 1747841 =
6- Riv Prime cost					
all - 100					
					Area = 3975.9 m ²
					CF = 42.34 / R = 158381 =
7- Riv for 5th work					
over W.B.M. 100					
					Area = 3975.9 m ²
					CF = 245.24 / R = 379271 =
8- Riv for 2nd cost					
all - 100					
					Area = 15907.50 m ²
					CF = 14.82 / R = 230977 =
9- Riv S.D.B.C. all					
complete 100					
					Area = 3971.9 m ²
					CF = 13502.30 / R = 4955789 =
10- Construction of					
Sub-grade 100					
					Area = 2898 m ²
					CF = 170.49 / R = 508520 =
11- Riv Ki-Ramhar Stone.					

Continuation 110,81,954 = 0

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			13.5	-	R 11081.954 =
	Qty = 5 No.				
	← R 52783.441			- R	13917 =
	200 m. Square				
	Qty = 18 No.				
	← R 721.371			- R	11574 =
12 - Riv Direction Sign					
Board					
	Qty = 2.88 m ²				
	← R 125.1401			- R	35292 =
13 - Painting Lines					
Board					
	Qty = 10 m ²				
	← R 73.751			- R	738 =
14 - Riv Rectangular T. Sign					
	Qty = 34 No.				
	← R 3849.631			- R	131907 =
600 m. Circular					
	Qty = 5 No.				
	← R 3983.451			- R	19917 =
200 m x 450 m. Triangle					
	Qty = 5 No.				
	← R 3853.041			- R	23118 =
15 - Riv Boundary Pillar					
	Qty = 110 No.				
	← R 5711.701			- R	52887 =

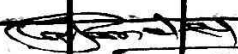
Continuation

1.1382304 =

Continuation

பொது-2.

Continuation
08/09/2020
A2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>MATERIALS</u>					
1 - Ribs -					687.28 m ³
1 - S. Metal -					863.32 m ³
2 - L. Sand -					182.88 m ³
3 - S. Dred -					116.94 m ³
4 - River -					2808 m ³
5 - Bitumen -					55.216 m ³
6 - Emulsion -					551.338 m ³
					RS - 4.374 m ³
 3.8.20 J. E. R. G. D.  08/09/2020 AD					

Baga - 2.