

Agency - Suresh Prasad

Barnes to Dwyddogor Tynbar

Scattered XLV-LXX pages

17.17.8.8.4

BHAR P. W. D.

E. G. B. W. D. A. H. M. S. G. S. D.
DIVISION

A/E - Bohr
Sub-Division

NEWSPAPER 100

2678

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Pages By Printers Machine And Issued
To Sri...Kameshwar p.d A.E- R.W.D
Work Sub-Div. Buzun.

Revision 10/12/20
Executive Engineer
Road Works Department
Works Division, Aurangabad
Alme
10/12/20

Schedule KLV - Form No. 134.

E.G. R.W.D. Aurangabad Division.

A.E. Buzun Sub-Division.

MEASUREMENT BOOK.

211654 2678

Sri Kameshwar p.d

Date of this entry A.E. Buzun

Date of last entry

निगा. मरमिट हेत, पत्र ।

MMUSY

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 completion of the measurements relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Test 2 ATC Bill

Name of work - Construction of Road
 from Barun launde Nayan Road to
 Tarfar under Head - MMUSY

Name of Agency - Suresh Pasad
 At - Adarash Colony Karma Road
 Aurangabad Bihar

Agreement No - 46 SBD/20-21

Agreement Rate - 10% below of
 B.O.P. Rate.

Agreement Amt - Part A - 48,49,276.00

Date of work start - 08-08-2020

Date of completion - 07-03-2021

Date of measurement - 10-10-20

(1) Providing & fixing of cutting

Bench mark - 100 ft

Qty = 1.0 Nos.

(2) Reference pillar

Qty = 4.0 Nos.

(3) Clearing & grubbing

Road land - 100 ft

CH - 0.00 to 360.00

$2 \times 12 \text{ Nos} \times 30.0 \times 3.50 = 2520.0 \text{ m}^2$

CH - 360.00 to 420.00

$2 \times 2 \text{ Nos} \times 30.0 \times 3.50 = 420.0 \text{ m}^2$

CH - 420.00 to 540.00

$2 \times 4 \text{ Nos} \times 30.0 \times 3.50 = 840.0 \text{ m}^2$

Continuation

Total Qty = 3780.0 m²

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					$Bf = 474 = 3780 m^2$
					$Ch = 540.0 m \text{ to } 770 m$
					$2 \times 710 \times 30.0 \times 3.50 = 1470 m^2$
					$2 \times 110 \times 200 \times 3.50 = 140.0 m^2$
					$Total = 5390.0 m^2$
					$= 0.539 \text{ Hec.}$

(4) 39 Dismantling of existing					
Structure like culverts					
bridges, etc. -					
p. r. c.					
					$2 \times 3.50 \times 1.14 \times 0.150 = 1.20 m^3$
					$2 \times 3.50 \times 1.94 \times 0.150 = 1.62 m^3$
					$= 2.82 m^3$

(5) 40 Dismantling of existing					
Structure like culverts					
Stone brick masonry.					
					$2 \times 210 \times 4.20 \times 0.825 \times 2.50 = 34.66 m^3$
					$2 \times 210 \times 6.20 \times 0.825 \times 3.0 = 61.35 m^3$
					$= 96.01 m^3$

(6) 41 Dismantling of existing					
Structure like					
culverts -					
H.P. up to 600 mm dia.					
					$2 \times 7.50 = 15.0 m$
Up to 600 mm to 900 mm dia					
					$2 \times 5.0 = 10.0 m$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

⑧ Irrigation pipe (300 mm)

→ Providing and laying
of a reinforced cement
concrete pipe duct 300 mm.

$$4 \text{ Nos} \times 4 \times 2.50 = 40.00 \text{ m}^3$$

Ranjan

10-10-20

J.E

10-10-20
A.M.

Date of measurement
16-10-20

Humre pipe - Culvert
600 mm φ.
atch - 10.00

① Earth work in excavation
for foundation of structure

$$\text{H.W.} = 2 \text{ Nos} \times 3.90 \times 1.150 \times 1.50 = 13.45 \text{ m}^3$$

Below pipe -

$$1 \times 5.350 \times 1.130 \times 0.365 = 2.207 \text{ m}^3$$

$$= 15.66 \text{ m}^3$$

② Providing M15 (1:2:5)
as leveling course in
foundation.

$$\text{H.W.} = 2 \times 3.90 \times 1.150 \times 0.150 = 1.345 \text{ m}^3$$

$$\text{Below pipe} = 1 \text{ No} \times 5.311 \times 1.130 \times 0.250 = 1.50 \text{ m}^3$$

Continuation

$$= 2.850 \text{ m}^3$$

Ranjan
16-10-20
J.E Bm

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

Date of measurement

22-10-20

(1/33) P.C.C. in m₂₀ grade.

in foundation in sub-

structure

$$H.W. - 2 \times 3.80 \times (1.0 + 0.400) \times 2.78 = 14.789 \text{ m}^3$$

$$\text{Parapet} - 2 \times 3.80 \times 0.40 \times 0.20 = 0.912 \text{ m}^3$$

Less for Pipe-

$$2 \times \frac{\pi}{4} \times (0.830)^2 \times 0.530 = 0.571 \text{ m}^3$$

$$= 15.13 \text{ m}^3$$

Ramjet

(2/34) Providing & laying

P.C.C. Pipe NP-3 - 600mm.

For H.P.C. - 0 - n.

$$3 \text{ Nos} \times 2.50 = 7.50 \text{ m}$$

Ramjet

22-10-20

J-D

~~22-10-20~~

Am

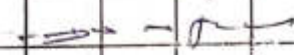
Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
④ 34 Providing & laying P.C.C pipe N ^o 3 for H.P.C - Dorr 3 No x 2.50 = 7.50 m'					

Ramya
03-11-20
J V

~~10-11-20~~
AMV

Date of measurement
Const. of H.P.C - 600 mm
at CH

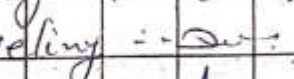
①
31 Earth work in excavation
for foundation of

Street - 

$$2 \times 3.90 \times 1.150 \times 1.50 = 13.45 \text{ m}^3$$

$$1 \times 5.30 \times 1.130 \times 0.365 = 2.20 \text{ m}^3$$

$$= 15.66 \text{ m}^3$$

②
32 Providing M15 (1:2:5)
for leveling - 

$$2 \times 3.90 \times 1.150 \times 0.150 = 1.345 \text{ m}^3$$

$$1 \times 5.311 \times 1.130 \times 0.250 = 1.50 \text{ m}^3$$

$$= 2.85 \text{ m}^3$$

Ramya
04-11-20
J V

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

Date of measurement

10-11-20

(2/3) P.C.C. Main
substructure ---

--- --- ---

$$2 \times 3.80 \times (1.0 + 0.40) \times 2.78$$

Pavement

$$= 14.789 \text{ m}^3$$

$$2 \times 3.80 \times 0.40 \times 0.550 = 1.672 \text{ m}^3$$

$$= 16.461 \text{ m}^3$$

Loss for pipe

$$2 \times \frac{\pi}{4} \times (0.830)^2 \times 0.530 = 0.574 \text{ m}^3$$

$$= 15.88 \text{ m}^3$$

$$\text{Surf limit} = 15.170 \text{ m}^3$$

(4/34) Providing and laying
P.C.C. Pipe N/P-3

For H.P.C. ---

--- --- ---

$$3 \text{ Nos} \times 2.50 = 7.50 \text{ m}$$

Remarks

10-11-20

10-11-20

AM

J.D.M.

Date of measurement

12-11-20

Const of H.P.C. - 600 mm φ.
at CH. ---

(1/31) Earth work in excavation
for foundation in ---

$$2 \times 3.90 \times 1.150 \times 1.50 = 13.455 \text{ m}^3$$

$$1 \times 5.350 \times 1.000 \times 0.365 = 2.200 \text{ m}^3$$

$$\text{Qty.} = 15.65 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
② 32 Providing M15 grade in - Foundation -- m					
		2 X 3.90 X 1.150 X 0.150			1.345 m ³
		1 X 5.311 X 1.130 X 0.250			1.50 m ³
				2	2.85 m ³

Ramya
12-11-20
JE

③ 33 P.C.C. M20 grade of concrete in substructure	Date of measurement 16-11-20				
		2 X 3.65 X (1.0 + 0.40)			14.20 m ³
			2		

Parapet

		2 X 3.65 X 0.40 X 0.450			1.314 m ³
		less for pipe			
		2 X $\frac{\pi}{4}$ X 0.830 ² X 0.530			0.574 m ³
				of Total	14.94 m ³

④ 34 Providing and laying P.C.C. Pipe NP-3 in H.P.C.					
		3 No X 2.50			7.50 m

Ramya
16-11-2020
JE

25-11-20
JE

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					Date of measurement 25-11-20

① Providing & fixing logo
of logo of m.m.s.y project.
Qty = 2.0 Nos.

② Box cutting -
④ excavation for Roadway
in Soil using manual - 2.0 m
Side of BT -
 $2 \times 6 \text{ Nos} \times 30.0 \times 0.525 \times 0.100 = 18.90 \text{ m}^3$
 $2 \times 1 \text{ No} \times 20.0 \times 0.525 \times 0.100 = 2.10 \text{ m}^3$
 Side of C.C.
 $2 \times 6 \text{ Nos} \times 30.0 \times 0.375 \times 0.100 = 21.30 \text{ m}^3$
 $2 \times 1 \text{ No} \times 20.0 \times 0.375 \times 0.100 = 2.50 \text{ m}^3$
 $= 36.0 \text{ m}^3$

③ Construction of limberment
⑤ with approved materials.
60% of Qty for exca -
 $= 36.0 \times 60\% = 21.60 \text{ m}^3$

Ranjan
25-11-20
JB

25-11-20
AB Bhatnagar

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					Date of mesurmt. 02-12-20
(1/8+9) Construction of Subgrade and Earthen shoulder.					
--- Do --- All comp ---					
In BT Portion, CH 520m to 770m					Ref
8 No x 30.0 x (6.90 + 6.50) x 0.300					
				2	= 482.40 m ³
1 No x 20.0 x (6.90 + 6.50) x 0.300					
				2	= 40.20 m ³
				Total	= 522.60 m ³
Qty for 100 m = 260.70 m ³					
02-12-20 Qty for 100 m = 261.30 m ³					
J.E.					

					Date of mesurmt. 10-12-20
(1/10) Construction of L.S.R.					
with approved material					
grading of materials -					
--- Do --- All comp ---					
In BT-Portion					
CH - 60.0m to 125m.					
2 x 30.0 x 4.05 x 0.200 = 48.60 m ³					
1 x 5.0 x 4.05 x 0.200 = 4.05 m ³					
CH - 540m to 665m					
1 x 5.0 x 4.05 x 0.200 = 4.05 m ³					
2 x 30.0 x 4.05 x 0.200 = 48.60 m ³					
CH - 125.0m to 420.0m					
2 x 6 No x 30.0 x 0.525 x 0.100 = 18.90 m ³					
2 x 1 No x 20.0 x 0.525 x 0.100 = 2.10 m ³					
1 No x 6 No x 30.0 x 4.05 x 0.100 = 72.90 m ³					
1 x 1 No x 20.0 x 4.05 x 0.100 = 8.10 m ³					
					Continuation
					(Total Qty) = 255.30 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

$$BF = (47) = 255.90 m^3$$

Extra for correction profile.

$$2 \text{ No } \times 1.25 \times 0.90 \times 0.150 = 0.337 m^3$$

$$6 \text{ No } \times 3.25 \times 1.75 \times 0.150 = 5.118 m^3$$

$$4 \text{ No } \times 1.15 \times 1.25 \times 0.100 = 0.575 m^3$$

$$3 \text{ No } \times 1.75 \times 2.10 \times 0.100 = 1.10 m^3$$

$$4 \text{ No } \times 2.20 \times 0.90 \times 0.075 = 0.594 m^3$$

$$2 \text{ No } \times 1.20 \times 1.50 \times 0.075 = 0.270 m^3$$

$$1 \text{ No } \times 0.75 \times 1.0 \times 0.075 = 0.056 m^3$$

$$1 \text{ No } \times 1.10 \times 0.30 \times 0.030 = 0.070 m^3$$

$$3 \text{ No } \times 1.60 \times 1.20 \times 0.075 = 0.432 m^3$$

$$2 \text{ No } \times 0.75 \times 0.075 \times 0.030 = 0.0033 m^3$$

$$4 \text{ No } \times 1.80 \times 1.90 \times 0.075 = 1.026 m^3$$

$$5 \text{ No } \times 1.95 \times 1.75 \times 0.100 = 1.70 m^3$$

$$4 \text{ No } \times 2.10 \times 0.80 \times 0.075 = 0.504 m^3$$

$$3 \text{ No } \times 2.15 \times 1.15 \times 0.120 = 0.89 m^3$$

$$1 \text{ No } \times 3.10 \times 0.75 \times 0.130 = 0.302 m^3$$

$$4 \text{ No } \times 2.10 \times 2.65 \times 0.150 = 3.339$$

$$\text{Total} = 272.216 m^3$$

Ravindra

10-12-20
J.E.

20-12-20
H.M. Bhat

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

Date of measurement

20-12-20

(1/11) L.B.M. No. 3, Providing

Laying, Spreading, and

Compacting Stone, aggregate.

--- --- ---

In BT-Portion

CH- 6m to 125.0m

$$2 \times 30.0 \times 3.75 \times 0.075 = 16.875 \text{ m}^3$$

$$1 \times 5.0 \times 3.75 \times 0.075 = 1.406 \text{ m}^3$$

CH- 540.0 to 665.0m

$$4 \times 30.0 \times 3.75 \times 0.075 = 33.75 \text{ m}^3$$

$$1 \times 5.0 \times 3.75 \times 0.075 = 1.406 \text{ m}^3$$

CH- 125.0 to 325.0m

$$2 \times 6.0 \times 30.0 \times 3.75 \times 0.075 = 50.625 \text{ m}^3$$

$$1 \times 20.0 \times 3.75 \times 0.075 = 5.625 \text{ m}^3$$

$$109.687 \text{ m}^3$$

Ramp

20-12-2020

J.E.R.

20-12-20

H.D. B.O.S.M.

Date of measurement

02.01.2021

(1/10) L.S.B. with well graded.

materials. --- --- ---

For C.C. Portion

CH- 325 to 540m

$$2 \times 7.0 \times 30.0 \times 0.375 \times 0.100 = 15.75 \text{ m}^3$$

$$2 \times 1.0 \times 5.0 \times 0.375 \times 0.100 = 0.375 \text{ m}^3$$

$$3 \times 3.0 \times 3.75 \times 0.100 = 33.75 \text{ m}^3$$

$$1 \times 15.0 \times 3.75 \times 0.100 = 5.625 \text{ m}^3$$

$$= 55.50 \text{ m}^3$$

$$BF = 9 \frac{1}{2} \times 55.50$$

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

Extra for Profile cross-section

4 No X	1.30 X	1.25 X	0.10	= 0.65 m ³
5 No X	1.25 X	1.75 X	0.075	= 0.820 m ³
6 No X	2.10 X	1.10 X	0.075	= 1.039 m ³
3 No X	1.80 X	1.90 X	0.130	= 1.33 m ³
4 No X	2.10 X	1.75 X	0.125	= 1.83 m ³
6 No X	4.10 X	0.90 X	0.075	= 1.66 m ³
3 No X	3.10 X	0.80 X	0.100	= 0.744 m ³
2 X	1 X	9.10 X	0.100	= 4.2 m ³
3 X	2.15 X	1.15 X	0.100	= 7.41 m ³
4 X	1.15 X	2.20 X	0.125	= 1.265 m ³

Extra widening on curve

Curve-1

$$\frac{14.0 \times 2 \times (5.10 - 3.75) + 0.10 \times 0.10}{2} = 1.89 \text{ m}^3$$

Curve-2

$$\frac{13.0 \times 2 \times (5.0 - 3.75) + 0.10 \times 0.10}{2} = 1.62 \text{ m}^3$$

$$\text{Total} = 69.514 \text{ m}^3$$

Ranjan

02-01-2024

JF

02.01.21

Asst. Bm

Date of measurement

15.01.2024

(11)

11 Bm in 3, providing
laying, spread, end,
carpenter

In C.C Portion

CH-325 to 540 Continuation

$$2 \times 7 \text{ No X } 30.0 \times 3.75 \times 0.075 = 59.01$$

$$10.0 \times 7 = 59.06 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					$Bf = (pt) = 118.75 \times 3 = 59.06 m^3$
					$1 No \times 5.0 \times 3.75 \times 0.075 = 1.40 m^3$
					$3 No \times 30.0 \times 3.75 \times 0.075 = 25.31 m^3$
					$1 No \times 15.0 \times 3.75 \times 0.075 = 4.218 m^3$

Extrusion widening
Curve-1

$$\frac{14.0 \times 2 \times (5.10 - 3.75) + 0.075}{2} = 1.41 m^3$$

Curve-2

$$\frac{13.0 \times 2 \times (5.0 - 3.75) + 0.075}{2} = 1.218 m^3$$

$$Qty \text{ Total} = 92.62 m^3$$

Runway
15-01-2021
J.C.M.

15-01-21
B.B.

Date of measurement

25-01-2021

6+7

Construction of embankment

ment with approval

materials obtained from

Borrow pits: I - as per

as per graph

CH.	C/S Area	men Area	length	Qty.
0.00	2.75	—	—	—
50.0	0.955	1.852	50	92.625
100.0	3.880	3.417	50	170.875
150.0	3.890	3.885	50	194.25
200.0	3.650	3.77	50	188.50
250.0	3.125	3.387	50	169.375
300.0	3.90	3.512	50	175.625
350.0	3.856	3.878	50	193.93

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
CH. C/S Area		mean	area	length	Qty.
400.0	4.100	3.978		50	198.90
450.0	4.155	4.127		50	206.375
500.0	4.125	4.114		50	207.0
550.0	4.001	4.062		50	203.125
600.0	3.450	3.725		50	186.25
650.0	4.950	2.120		50	210.0
700.0	4.822	4.88		50	244.30
770	3.120	3.971		70	270.97
Qty. Total =					2912.07 m ³

Deduction Qty.

$$(1) \text{ 1.13m } \times 3 = 202.307 \text{ m}^3$$

$$(2) \text{ 17.5.13 } \times 2 = 341.73 \text{ m}^3$$

$$(3) \text{ Subgrade } = 522.60 \text{ m}^3$$

$$(4) \text{ Embankment } \times 21.60 \text{ m}^3$$

$$\text{Net Qty} = 1823.83 \text{ m}^3$$

$$\left(\frac{1}{6}\right) \text{ Embankment for } -1000 \text{ m lead} = 823.10 \text{ m}^3$$

$$\left(\frac{1}{7}\right) \text{ Embankment for } 100 \text{ m lead} = 1080.73 \text{ m}^3$$

Ranjan
25.07.2021
J.G.

~~25.07.2021~~
25.07.2021
A.P. Bhatnagar

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

ABSTRACT OF COST.

① Providing & fixing of working bench mark -- a -- m

Qty wide + m P-1 = 1.0 Nos.

@ RS = 3801.79/each = RS = 3802 = 00

② Reference P-1/m.

Qty wide + m P-1 = 9.0 Nos.

@ RS = 1720.47/each = RS = 5161 = 00

③ Clearing & grubbing.

Road land. -- a -- m.

Qty wide + m P-2 = 0.539 Hec.

@ RS = 51133.76/Hec = RS = 27561 = 00

④ Box cutting - Excavation for Road work. -- a -- m.

-- a -- m.

Qty wide + m P-3 = 36.0 m³

@ RS = 74.16/m³ = RS = 2670 = 00

⑤ Construction of Embankment with approved material.

for 60% of box cut. --

Qty wide + m P-9 = 21.16 m³

@ RS = 26.11/m³ = RS = 564 = 00

⑥ Construction of Embankment for 100% road.

-- a -- m.

Qty wide + m P-15 = 100.73 m³

@ RS = 131.03/m³ = RS = 131126 = 00

Continuation
Co-RS = 1,71,884 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

$$BF = P_1 = 1,70,384 = w$$

(7/7) Construction of Embankment with approval.

Materials for 1000 m lead
Qty wide TMBP-15
= 823.10 m³

$$Q.PS = 174.94 / m^2 \times PS = 14,3993 = w$$

(8/8) Construction of subgrade.

and earth shoulder
for 1000 m lead.

Qty wide TMBP-10 = 260.70 m³

$$Q.PS = 176.59 / m^2 \times PS = 46039 = w$$

(9/9) Construction of subgrade.
and earth shoulder

for 1000 m lead.

Qty wide TMBP-10 = 261.90 m³

$$Q.PS = 141.17 / m^2 \times PS = 36972 = w$$

(10/10) G.S.B. Construction.

of G.S.B. with well

graded materials.

Qty wide TMBP-11 = 272.21 m³

Qty wide TMBP-13 = 69.514 m³
= 341.73 m³

$$Q.PS = 2400.23 / m^2 \times PS = 820231 = w$$

(11/11) L.B.M. 1000 3, Binding

laying, spreading & compacting

L.B.M. 1000 3 - DE - PS
Qty wide TMBP-12 = 109.68 m³

Qty wide TMBP-14 = 92.62 m³
= 202.30 m³

$$Q.PS = 3695.70 / m^2 \times PS = 7,47,666 = w$$

$$Q.PS = 19,65,780 = w$$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

$$BF = PS = 10,65,780 = \infty$$

12/19 Providing & fixing of

Typical masonry dog

sign board. ---

Qty wide masonry = 2.0 m²

$$@ PS = 9208.28 / \text{each} = PS = 18417 = \infty$$

13/30 Irrigation Pipe- Providing

and laying, p.c.c pipes.

duct -- 300 mm of ---

Qty wide masonry = 40.0 m

$$@ PS = 857.49 / \text{m}^2 = PS = 34300.20$$

14/31 Earth work in excavation

in found defn. ---

Qty wide masonry = 15.66 m³

Qty wide masonry = 15.66 m³

Qty wide masonry = 15.66 m³

Qty wide masonry = 15.66 m³

$$= 62.64 \text{ m}^3$$

$$@ PS = 269.32 / \text{m}^3 = PS = 16870 = \infty$$

15/32 Providing P.C.C. mix

for leveling in foundation

--- ---

Qty wide masonry = 2.85 m³

Qty wide masonry = 2.85 m³

Qty wide masonry = 2.85 m³

Qty wide masonry = 2.85 m³

$$= 11.40 \text{ m}^3$$

$$@ PS = 4638.91 / \text{m}^3 = PS = 52884 = \infty$$

$$\text{Continuation } @ PS = 20,88,251 = \infty$$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

$$Bf = P8 = 2088 \quad 251 = w$$

(16/33) Providing & laying

P.C.C M20 in sub-

structure - 00 - r -

$$Qty \text{ wide } + m.p. 4 = 15.131 m^3$$

$$Qty \text{ wide } + m.p. 5 = 15.170 m^3$$

$$Qty \text{ wide } + m.p. 6 = 15.170 m^3$$

$$Qty \text{ wide } + m.p. 8 = 14.94 m^3$$

$$= 60.411 m^3$$

$$@ P8 = 5431.33 / m^3 \quad P8 = 3,28,112.20$$

(17/34) Providing & laying

R.C.C M20 Pipe for

H.P.C - 600mm

$$Qty \text{ wide } + m.p. 4 = 7.50 m$$

$$Qty \text{ wide } + m.p. 6 = 7.50 m$$

$$Qty \text{ wide } + m.p. 7 = 7.50 m$$

$$Qty \text{ wide } + m.p. 8 = 7.50 m$$

$$= 30.0 m$$

$$@ P8 = 921.47 / m \quad P8 = 27,644.00$$

(18/39) dismantling of existing

Structure - 00 - r -

Cement concrete - - -

$$Qty \text{ wide } + m.p. 2 = 2.82 m^3$$

$$@ P8 = 484.74 / m^3 \quad P8 = 1367.00$$

(19/40) Cement mortar -

$$Qty \text{ wide } + m.p. 2 = 96.09 m^3$$

$$@ P8 = 231.77 / m^3 \quad P8 = 22259.00$$

$$Co. P8 = 24676.33 = w$$

Continuation:

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

$$Bf = PS = 24,67,633 = \infty$$

(20/21) Removing all types
of House Pipe
up to 600 mm.

$$Qty \text{ wide run } P-2 = 15.0m$$

$$① PS = 174.78/m = PS = 2622 = \infty$$

(21/22) Removing of pipe
for 600 mm to 900 mm

$$Qty \text{ wide run } P-2 = 10m$$

$$② PS = 236.34/m = PS = 2363 = \infty$$

$$Ln \text{ Total} = 24,72,618 = \infty$$

$$\text{Add } 1/2 \text{ J. } P-1 \text{ } ③ = 296,714 = \infty$$

$$\text{Add } 1/2 \text{ (ess) } ④ = 24,726 = \infty$$

$$= 27,94,058 = \infty$$

$$\text{Less } 10\% \text{ below} = 27,94,06 = \infty$$

$$\text{Net } PS = 25,14,652 = \infty$$

Ramya

25-01-2021

J.E

Bm

~~Ramya~~

25-01-2021

A. B. B. B.

CAP

Y. K. Singh

20/1/2021