

M.M. 15/5
S.C.

पंचरात्र से जंजूर

Schedule XLV-Form No. 134

कार्यपालक समित्यन्तर्गत सामान्य कार्य वृत्त - ब्राह्मण

DIVISION

सहायक समित्यन्तर्गत, कार्य मण्डल वृत्त - हंसपुर

SUB-DIVISION

MEASUREMENT BOOK

748

संवेदक →

Praveen Kumar

Sch. XLV - Form No. 134

Executive Engineer RD-Dav- DIVISION
Assistant Engineer Ertyr SUB-DIVISION

Measurement Book

No. 748

Name of Officer _____

Date of first entry _____

Date of last entry _____

समाप्ति किया जाता है, कि

इस मापिपुस्त में कुल 100 (एक सौ)
पृष्ठ अंकित हैं, जिसे सहायक अभियंता

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सामान्य कार्य विभाग कार्य अथवा	2194 20-
<u>हथुड़ा के नाम से निर्दिष्ट किया जा रहा है</u>	

15.02.21

कार्यपालक अभियंता

ग्रामीण कार्य विभाग कार्य प्रमण्डल

15/2/21
रजिस्ट्रार

Sch. XLV-Form No. 134				Contents of area
Particulars	Details of actual measurement			
	No.	L.	B.	D.
Name of work - (cutting) road from				
Path road to 5 th floor.				
Agency - Pravin Kumar Sharma				
Agreement No. 19 3.85/11110.34/				
2021-22				

Date of commencement - 02.6.2021

Date of completion - 21.6.2022

Date of measurement - 11.5.22

① Box cutting:

$$2 \times 100 \text{ m} \times 0.375 \text{ m} \times 0.100 \text{ m} = 7.50 \text{ m}^3$$

$$2 \times 66.67 \text{ m} \times 0.375 \text{ m} \times 0.100 \text{ m} = 5.00 \text{ m}^3$$

$$\underline{12.50 \text{ m}^3}$$

② Providing G28.3-I

$$2 \times 100 \text{ m} \times 0.375 \text{ m} \times 0.100 \text{ m} = 7.50$$

$$2 \times 15 \text{ m} \times 3.00 \text{ m} \times 0.100 \text{ m} = 9.50$$

$$\text{Curve } 17.3 \text{ m} \times \frac{0 + 1.0}{2} \text{ m} \times 0.100 \text{ m} = 0.15$$

$$2 \times 8 \times 7 \text{ m} \times \frac{0 + 2.0}{2} \text{ m} \times 0.200 \text{ m} = 22.40$$

$$\underline{39.05}$$

③ Providing w. 8 m x 8 m - III

$$4 \times 25 \text{ m} \times 3.75 \text{ m} \times 0.075 \text{ m} = 28.13$$

$$3 \times 7.5 \text{ m} \times \frac{0 + 1.0}{2} \text{ m} \times 0.075 \text{ m} = 0.56$$

$$2 \times 8 \times 6.5 \text{ m} \times \frac{0 + 2.0}{2} \text{ m} \times 0.075 \text{ m} = 7.80$$

$$\underline{36.49}$$

④ cost of embankment by road way cutting

$$12.50 \text{ m}^3 \times \frac{60}{100} = 7.50 \text{ m}^3$$

Sharma
11.5.22

Continuation

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11.5.22
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Sch. XLV-Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Date of measurement - 21.6.22</u>					
<u>(1) Paving C.C. Pavement</u>					
M 30 ... all complete job					
$4 \times 25m \times 3.75m \times 0.160m =$					60.00
$2 \times 7.5m \times \frac{0+1.0}{2}m \times 0.160m =$					1.20
					61.20 m ²
<u>(2) Paving M.S.G. Type-B)</u>					
$4 \times 25m \times 3.75m =$					375.00 m ²
$4 \times 25m \times 3.75m =$					375.00
$4 \times 25m \times 3.75m =$					375.00
$4 \times 25m \times 3.75m =$					375.00
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$\sum 4 \times 25m \times 3.75m =$					375.00
$\sum 4 \times 25m \times 3.75m =$					375.00
$2 \times 8 \times 6.50m \times \frac{0+2.0}{2} =$					104.00
					<u>5354.00 m²</u>

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② Prime coat.					
Area of mgs =					5354.00 m ²
③ Tack coat.					
Area of mgs =					5354.00 m ²
④ concrete gutter shoulder.					
2x100m x 0.375m x 0.160m =					12.00
2x100m x 0.375m x 0.075m =					5.63
2x100m x 0.375m x 0.100m =					7.50
2x4.2m x 1.00m x 0.30m =					25.20
					50.33
⑤ Kms stone - 3 Nos.					
⑥ 200mm stone - 6 Nos.					
⑦ Boulding & filling 'logs' of					
mm G & S y Project - 4 Nos.					
⑧ Boundary pillars - 64 Nos.					
⑨ Traffic sign					
i) 600mm eq. Triangle				12	
ii) 600mm circular				8	Nos
iii) 800mm x 600mm rectangular				2	Nos.
iv) 600mm x 450mm rectangular				16	Nos.
v) 900mm side octagon				4	Nos.
⑩ Road marking on B.T. surface					
2x1400m x 0.100m =					280.00 m ²

Continuation

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
① Setting out Pillars					
② Boundary mark Pillars					
2 Nos. P-10					
@ 3530 = 57 each					7.069 = 00
③ Reference Pillars					
6 Nos. P-10					
@ 1612 = 28 each					9.674 = 00
④ Clearing & grading					
1.05 Ha. P-10					
@ 52910 = 33/40					55.619 = 00
⑤ Box cutting					
12.50 m ² P-15					

@ 75 = 57/m ² =	945 = 00
⑥ Const. of embankment	
roadway cutting	
1.50 m ² P-15	
@ 25 = 68/m ² =	200 = 00
⑦ Const. of embankment	
with 100 m lead.	
1724.42 m ² P-10	
175.50 " P-18	
1881.92	
@ 14/3 = 2.0/m ² =	269.491 = 00
⑧ Const. of embankment	
with 1000 m lead.	

CD. 342,998 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
285.34 m ³ P-10					
@ 190.36/m ²					54,317.00
(7) Const. of sub-grade					
width 1000 m. lead.					
1193.50 m ³ P-10					
50.33 " P-17					
1243.83 "					
1231.94 " unit					
@ 192.04/m ²					236,582.00
(8) Const. of sub-grade					
width 100 m. lead.					
2872.80 m ³ P-11					
@ 131.20/m ²					376,911.00
(9) Providing G.S.P. II					
1134.00 m ³ P-11					
39.05 " P-15					
1173.05 "					
@ 2022.23/m ²					2372,177.00
(10) Providing W.B.M. II					
393.75 m ³ P-11					
36.49 " P-15					
430.24 "					
@ 2995.20/m ²					1288,655.00
(11) Providing					
					4671,640.00

Continuation

Prime coat
5354.00 m² P-17

@ 41 = 41/m² = 221,709 = 00

(15) Bonding Tack coat..

5354.00 m² P-17

@ 14 = 15/m² = 75,759 = 00

(16) Bonding M.S.S. W.B.

5354.00 m² P-16

@ 178 = 88/m² = 957,724 = 00

(17) Bonding C.C.

pavement m.s.s.

61.20 m³ P-16

@ 5638 = 42/m³ = 345,071 = 00

(18) Km stone

3 Nos. P-17

@ 1940 = 79 each = 5,822 = 00

(19) 200m stone..

6 Nos. P-17

@ 552 = 40 each = 3,314 = 00

(20) Bonding 'Logo' of.

m.m.C. & Y Project.

4 Nos. P-17

@ 9440 = 33 each = 37,761 = 00

(21) Empty fillers.

63,18,800 = 00

Continuation

6318, 800=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
64 Nos. P-17					
@ 481 = 97 each					30,846=00
(19) Traffic sign.					
(i) 600mm eq. Triangle					
12 Nos. P-17					
@ 3585 = 65 each					43,028=00
(ii) 600mm circular					
2 Nos. P-17					
@ 4810 = 51 each					9,621=00
(iii) 600mm x 450mm rectangular					
4 Nos. P-17					
@ 4685 = 13 each					18,741=00
(iv) 900mm side octagon					
2 Nos. P-17					
@ 8562 = 23 each					17,124=00
(20) Road marking on B.T. surface...					
280.00 m ² P-17					
@ 721 = 95/m ²					202,146=00
(21) Road marking on concrete surface.					
20.00 m ² P-18					
@ 752 = 74/m ²					15,055=00
(22) Planting of tree					
					66,55,361=00

Continuation

66,55,361=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
140 Nos. P-18					
@ 8.44 = 59 each					118,243=00
(23) 2.115 in concrete floor in front of					
106.58 P-11 in front of					
@ 2.79 = 09/m ² - 5					29,745=00
(24) Providing PCC in front of					
71.75 m ² P-11					
@ 4.42 = 79/m ² - 5					78,505=00
(25) Providing PCC					
112.99 m ² P-11					
@ 5.175 = 15/m ² - 5					584,740=00
(26) Painting on parapet					
78.72 m ² P-12					
@ 100 = 76/m ² - 3					7,932=00
(27) Providing N.P. 3 H.P.					
15.00 m ² P-12					
@ 3505 = 77/m ² - 3					52,587=00
(28) Providing N.P. 3 H.P.					
15.00 m ² P-12					
7.50 m ² P-18					
22.50 m					
@ 1982 = 12/m ² - 3					44,598=00
					75,71,711=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(29) Providing 300 mm dia H.P. Joints from conduit 50 m P-12					75,71,711=00
@ 874 = 84/m					43,747=00
(30) Dismantling P.C.C. 2.43 m ³ P-12					
@ 497 = 81/m ³					1,210=00
(31) Dismantling cement mortar					
82.68 m ³ P-12					
@ 235 = 98/m ³					19,511=00
(32) Removing H.P. 15.00 m P-13					
@ 244 = 92/m					3,674=00
					76,39,853=00
Add 12% GST (+)					9,16,782=00
Add 1% L. cost (+)					76,399=00
Add 0.976% F.P. (+)					74,565=00
					87,07,599=00
Less 1.11% rebate (-)					96,654=00
					86,10,945=00
Less provision payable (-)					59,79,081=00
					26,31,864=00

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21.05.22
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Continuation

Sharma
21/5/22
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