

नवाड थोजना अन्तर्गत कुमार बाग गर्वमेद इन्जिनिरींग कालेज

Schedule XLV-Form No. 134

एपरोच पट्टेच पथ निर्माण कार्य

प्रखण्ड ~~का~~
चनपरिया

DIVISION

SUB-DIVISION

माप/पुस्तक 1722/2023-24

Measurement Book

प्रमाणित किया जाता है कि इस मापी पुस्तक
में कुल 100 एड्सों पन्ना हैं। जो अंकों में
मापी गई है। इस मापी पुस्तक को श्री
दीपक कुमार सहायक अभियन्ता ग्रामीण
कार्य विभाग कार्य अवर प्रमण्डल -
चण्डीगढ़ को निर्गत किया जाता
है।


कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग, कार्य प्रमण्डल
चण्डीगढ़

MB re-issued to JE Chantpatia

Phit
29/9/23
AF

कार्यपालक अभियंता

आयुक्तीय कार्य विभाग, कार्य प्रमाण्डल

DIVISION

नगरकटियागज

SUB-DIVISION

Measurement Book

No. 1722

2023-24

Name of Officer

Date of first entry

Date of last entry

1st on A/c Bill

1.

Name of work - construction of approach road of first

Situation of work - Engineering College Kumar bag Subhik

Agency by which work is executed - under Habasol

Date of measurement -

No. and date of agreement. 07/2023-24

(These four lines should be repeated at the commencement of the measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of start:-	24-8-23				
Date of comp:-	23-8-24				
Agency:-	maa subhikha megha Build Pvt Ltd				
(1) setting out Pillars work					
Banner work			ok		
		20 mm			

(2) existing and existing rural
land including ——— do ———

$$2 \times 70 \times 30 \times 4.0 = 16800 m^2$$

or, 1.68 Hae

(3) OD mainly of existing structures
like cement concrete etc. do

$$p.c.c. - 3 \times 3.5 \times 1.54 \times 0.15 = 2.43 m$$

$$p.c.c. - 4 \times 2.0 \times 5.0 \times 0.15 = 6.0 m$$

$$R.c.c. - 4 \times 2.0 \times 5.0 \times 0.30 = 12.0 m$$

$$B.W. - 3 + 2 + 6.2 + 0.825 \times 3.0 = 92.07 m$$

$$B.W. - 4 + 2 + 5.0 + 0.525 \times 3.0 = 99.0 m$$

211.5 m

(4) Removal of all type of lime

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Pipe & stang ———— do ————					511.240
					22.41
	3+2+6+2				
	3 x 2 + 2.5 = 15m				
④ Construction of sub grade & Earth shoulder ———— do ————					
	10 x 30 x 8.3 (av) x 0.3 = 747 m ³				
	1 x 17 x 8.3 (av) x 0.3 = 42.33				
					789.33 m ³
⑥/34 Earth work excavation in foundation trenches ———— do ————					

$$\text{Box culvert: } 6 \times 6.0 \times 2.9 \times 0.6 = 62.64 \text{ m}^3$$

$$\text{cut of wall } 6 + 2 \times 2.9 \times 1.3 \times 1.8 = 84.43 \text{ m}^3$$

$$\text{R/W:- } 6 \times 4 \times 2.5 \times 3.22 \times 1.4 = 270.48 \text{ m}^3$$

417.55 m³

7/35 Paving P.C.C. mix in open
trench/section

$$\text{Box culvert: } 6 \times 6.0 \times 1.9 \times 0.1 = 6.84 \text{ m}^3$$

$$\text{R/W:- } 6 \times 4 \times 2.5 \times 2.22 \times 0.2 = 26.64 \text{ m}^3$$

33.48 m³

~~P. D. P.~~
4-10-23

Plt
04/10/23

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date & Only: 12-10-23					
(8/36) Pouring concrete p.c.c.m.s in open foundation ———— ch ————					
Return wall					
					$6 \times 4 \times 2.1 \times 1.87 \times 0.2 = 18.3 \text{ m}$
					$6 \times 4 \times 2.1 \times 1.717 \times 0.2 = 17.28 \text{ m}$
					$6 + 4 \times 2.1 \times 1.67 \times 0.2 = 16.32 \text{ m}$
					$6 \times 4 \times 2.1 \times 1.57 \times 0.2 = 15.31 \text{ m}$
					$6 + 4 \times 2.1 \times 1.47 \times 0.2 = 14.28$
					$6 + 4 \times 2.1 \times 1.37 \times 0.2 = 13.26$
					$6 + 4 \times 2.1 \times 1.27 \times 0.2 = 12.24$
					$6 + 4 \times 2.1 \times 1.17 \times 0.2 = 11.28$

$$\text{cut-off: } 6 + 2 \times 1.5 \times 0.3 \times 1.5 = 10.21$$

$$128.52 \text{ m}$$

9/41 REINFORCEMENT DETAILED OF BOTTOM SLAB CULVERT

(A) BOTTOM SLAB

$$\text{Bottom main } 6 \times 40 \times 2.4 \times 0.9 = 518.4 \text{ kg}$$

$$\text{Bottom Bitch } 6 \times 14 \times 6.0 \times 0.6 = 302.4 \text{ kg}$$

$$\text{Main Top } 6 \times 40 \times 2.4 \times 0.6 = 345.6 \text{ kg}$$

$$\text{Top Bitch } 6 \times 14 \times 6.0 \times 0.6 = 302.4 \text{ kg}$$

$$\text{Hatch } 6 \times 2 + 20 \times 1.1 \times 0.6 = 158.4 \text{ kg}$$

$$1627.2 \text{ kg (A)}$$

(B) ABUTMENT

VERTICAL BAR

Continuation

(10/51) Find Rec max in sub
 structure ————— do —————
 Return value —————

$$6 \times 4 \times 2.1 \times 1.15 + 0.4 \times 1.23 = 48.0 \text{ m}^3$$

(11/40) Find Rec max in sub
 structure ————— do —————
 Bottom slab $6 \times 6.0 \times 1.5 \times 0.2 = 13.6 \text{ m}^3$
 Bottom wall $6 + 2 \times 6.0 \times 1.5 \times 0.2 = 21.6 \text{ m}^3$
 Windows $6 + 2 \times 6.0 \times 0.1 = 1.4 \text{ m}^3$

$$36.72 \text{ m}^3$$

2.1.23
 02/11/23

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of survey 7-11-2023					
(12/38) REINFORCEMENT DETAIL OF					
BOX CELL CULVERT DECK SLAB					
TOP SLAB					
Bottom main	6	4.2	1.55	0.5	442.248
Bottom Distrib	6	14	6.4	0.6	322.568
Top main	6	4.2	1.55	0.6	234.848
Top Distrib	6	14	6.4	0.6	322.568
					1352.228
sq 1.38 mt					

P. B. 7-11-23		P. H. 02/11/23			
Date of survey 6-12-2023					
(13/41) Parapet and Light Rein. M20 in sub structure — dr —					
	6	6.0	1.5	0.2	13.68m
(14/42) counterfort Parapet M20 in sub structure — dr —					
	6	3	6.0	0.4	17.56m

Continuation

[illegible]

Continuation

ABSTRACT OF COST

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/1) Sully and pillar - masonry - 13 mch					
work pillar		ch			
		g. side 13 mch - 1			
b-1 of masonry = 20 m					
@ Rs 3160.32 each - Rs					63206.40
2/2) change and gully round hand					
ironing		ch			
		g. side 1 mch - 2			
b-1 of masonry = 1.68 m					
@ Rs 75573.34/m - Rs					126843.00
3/3) masonry of a wall - 13 mch					
13 mch wall		ch			
		g. side 13 mch - 3 mch			
b-1 of masonry = 211.5 m					
@ Rs 578.51/m - Rs					122359.00
4/5) masonry of all by the of house					
into a storey		ch			
		g. side 13 mch - 4			
b-2 of masonry = 15 m					
@ Rs 578.51/m - Rs					8677.65
5/11) masonry of all by the of house					
into a storey		ch			

Continuation

g side channel 9
b - 2.07 m/s = 33.48 m/s
@ 11 8378.64/m - 11 280.517 = w
b - 3.07 m/s = 33.52 m/s
@ 11 9140.14/m - 11 1174.690 = w
g side channel 9/36
b - 4 = 3.46 m/s
@ 11 86075.96/m - 11 207823 = w

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10/37) Pump Room in Sub structure — dr —					
g side channel — 10/37					
b-4 m L m B = 46.0 m ²					
(10) 9464.45/m ² — 454318 = 21					
(11/40) Pump Room in Sub structure — dr —					
g side channel — 11/40					
b-4 m L m B = 36.72 m ²					
(11) 9435.05/m ² — 364515 = 21					
(12/38) Subbling pit and plug					
Pump Room in Sub structure — dr —					
g side channel — 12/38					
12/38 b-5 m L m B = 1.35 m ²					
(12) 87634.71/m ² — 120336 = 21					
(13/44) Pump and laying Room in Sub structure — dr —					
g side channel — 13/44					
13/44 b-5 = 13.68 m ²					
(13) 10744.04/m ² — 146991 = 21					
(14/45) construction of Parabolic wall in Sub structure — dr —					

Continuation

21 3547649 = 21

Continuation

Continuation