

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					18' on N.E. Bill
N.W.O.H. :-					Ramnagarpur Panchayat
					Saraiya To Kanya Chaur
N.W.O.H. :-					Maa Durga Confl
Agr No :-					
Agr Value					

Agr Date :-

Date of complete :-

2017/06/09 10:00 AM

Work done

① const of Benchmark and Reference pillar

(i) const of reference pillar & marking Benchmark

2.870 km

② Construction of Reference Pillar and Marque etc

2.870 km

③ Cleaning and grubbing etc
all complete Feb 17

Continuation

2 + 2870.00 x 1.50

= 0.77 Hectare

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	No.	L.	B.	D.	
③ Construction of embankment height material etc.					
As per graph - 3011.50 m ³					
④ Construction of subgrade & Earthcut Shoulder etc.					
As per graph - 3512.49 m ³					
⑤ Construction of Embankment height material etc					
As per graph - 750.90 m ³					
⑥ Earthwork in excavation etc all					
$2 \times 2.50 \times 6.90 \times 2.85 = 98.33$					
$2 \times 4 \times 3.00 \times 0.70 \times 0.30 = 5.04$					
					103.37
					m ³
⑦ Sand filling in foundation etc complete job					
$2 \times 2.50 \times 6.50 \times 0.150 = 4.88$					
$2 \times 4 \times 2.75 \times 0.300 \times 0.100 = 0.66$					
					5.54
					m ³
⑧ Providing P.C.C. in foundation etc complete					
$2 \times 2.50 \times 6.30 \times 0.150 = 4.73$					
$2 \times 4 \times 3.00 \times 0.300 \times 0.150 = 1.08$					
	Continuation				5.81
					m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
• ① Provides Reinforcement to RCC columns					
Rest - $2 \times 40 \times 2.70 = 216.00$					
@ 0.89 kg/m → 192.24 kg					
$2 \times 18 \times 6.00 \times 0.89 = 193.60 \text{ m}^3$					
@ 0.62 kg/m = 120.03 kg					
Chair - $12 \times 8.10 \times 2.80 \times 0.89 = 22.43 \text{ kg}$					
→ 22.43 kg					
<u>Refugee wall</u>					
main - $6 \times 4.5 \times 2.50 = 67.50$					
@ 0.89 kg/m → 60.13 kg					
0.89 kg/m					0.89 kg/m
					= 3.56.00 kg
rest - $4 \times 13 \times 6.100 = 314.20 \text{ m}^3$					
@ 0.89 kg/m = 282.31 kg					
<u>Wing wall</u>					
main - $4 \times 2 \times 3.050 = 24.40$					
@ 0.89 kg/m					
					= 21.71 kg
rest - $4 \times 2 \times 2.750 = 22.00$					
@ 0.89 kg/m					
					= 19.58 kg
<u>Block</u>					
main - $2 \times 60 \times 2.70 = 324.00$					
@ 0.89 kg/m					
					= 288.36 kg
rest - $2 \times 28 \times 6.050 = 302.50 \text{ m}^3$					
@ 0.89 kg/m					
					= 269.25 kg

Continuation

• 0.89 kg/m
 $\rightarrow 269.25 \text{ kg}$

Particulars	No.	L.	B.	D.	Contents of area
Chair -	12 x 2.10	≈ 28.20			
	(2)	0.89 kg/m			
		= 22.43 kg			
					1504.32 kg
Per m ²	0.1 x 6.00 x 2.00				
		= 12.00 m ²			
					3.20 MT

⑩ Providing Reinforcement
concrete Concrete etc.

$$2 \times 6.00 \times 2.50 \times 0.250 = 7.50$$

$$2 \times 2 \times 6.00 \times 2.00 \times 0.250 = 12.00$$

$$\text{SFT} - 1 \times 13 \times 6.00 = 31.219.50 \text{ m}^3$$

$$\text{Below - } 2 \times 4 \times 2.50 \times 0.250 \times 0.50 = 2.50$$

$$\text{Above - } 2 \times 4 \times 2.50 \times 0.250 \times 2.00 = 10.00$$

$$\text{Faud} - 2 \times 4 \times 2.50 \times 0.600 \times 0.35 = 6.30$$

$$\text{Slab} - 2 \times 1 \times 6.00 \times 2.50 \times 0.250 = 7.50$$

$$2 \times 2 \times 0.150 \times 0.150 \times 6.00 = 0.54$$

$$2 \times 2 \times 2.50 \times 0.250 \times 0.600 = 1.50$$

$$\text{Volume of concrete} = 28.34 \text{ m}^3$$

$$\text{Cement} = 45.42 \text{ m}^3 \text{ or } 84 \text{ m}^3$$

⑪ Providing weep holes etc

$$2 \times 2 \times 2 \times 0.5 = 8.00 \text{ m}^3$$

$$4.0 \text{ nos}$$

⑫ Back filling behind abutment
etc all

$$2 \times 2 \times 6.00 \times 2.00 \times 0.600 = 28.80$$

Continuation

Sch. XLV-Form No.134

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑬ Prom/desp and laying Placing materials & sign board etc					
9 nos @ 11238.40/each					→ Rs 22478.00
14 nos @ 1480/-					Rs 1480261.60
Trnng G.S.T (Inv.) 177631 = ~					
SIM. 27 L.Cess (Inv) - 14802.00					
104.0560 (1)					Rs 1672694.00
Loss (1.2) E 20072.00					
Summ. net					Rs 1652622.00
Expt.					
05/06/2020					
J.E					
Amblable					
05/06/2020					
AR					