

1. Forming & doing strength
and concrete 5 ft
aggregate with concrete

10x 20x 20 ft = 4000
8x 20x 20 ft = 3200
10x 20x 20 ft = 4000
Total = 11200

2. Construction of girder
Sub base
Girder + ...

7x 20x 20 ft = 2800
10x 20x 20 ft = 4000
Total = 6800

80.62

Continuation

$$105 \times 3 \cdot 25 \times 0.160 = 3 \cdot$$

change	Area	membr	length	volume
0	0.62	—	0	0
50	0.68	0.65	50	32.50
100	0.66	0.67	50	32.50
150	0.62	0.64	50	32.00
200	0.58	0.60	50	31.00
250	0.54	0.56	50	28.00
300	0.52	0.52	50	26.50
350	0.62	0.57	50	28.50
400	0.68	0.65	50	32.50
450	0.56	0.62	50	31.00
500	0.58	0.57	50	28.50
550	0.56	0.57	50	28.50
600	0.52	0.54	50	27.00
650	0.68	0.60	50	30.00
700	0.44	0.36	50	22.00
750	0.42	0.43	50	21.50
800	0.36	0.39	50	19.50

(A) deductive - lead 100m for 452.44
residual qty = $\frac{452.44 \cdot 5000}{312.41 \cdot 1000} = 72.44$

(B) $1200 \text{ m} - 453 \text{ yr} \times 30\% = 1361.16 \text{ m}$
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10/8/21
5E

Continuation

AE 10/8/45

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/1) Abstract of cost (A) (1014 m² in A)					
(3/2) Providing & fixing of working benchmark					
Paym. (3)					
= 1.14 Nos @ Rs 4361.16 each					
					Rs 4361 =
(3/2) Providing & fixing of working benchmark					
Paym. (7)					
= 3.14 Nos					
@ Rs 2011.81 each					Rs 6035 =
(3/3) Clearing & grubbing					
Road land included					
Paym. (15)					
= 0.0975 m ²					
Rs 76947.02 / m ²					Rs 7502 =
(4/31) Earthwork to excavation for structure					
Paym. (7)					
= 46.986 m ³					
@ Rs 405.30 / m ³					Rs 19067 =
(5/34) Providing P.C.C. 14:1:5 (1:2:5.5)					
Concrete for plain					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Concrete				
	Page No. - (8)				
	@ Rs 5945.25/m ³				26636
(6/33)	Paving concrete for plain/reinforced				
	Page No. - (8)				
	@ Rs 6396.53/m ³				2578512
(7/34)	Paving and laying reinforced cement concrete				
	NR				
	Page No. - (8)				
	= 22.50 m ³				
	@ Rs 3364.11/m ³				75692
(8/4)	Excavation in soil using hydraulic excavator				
	Page No. - (8)				
	= 195.25 m ³				
	@ Rs 135.92/m ³				26683
(9/15)	Construction of embankment with material obtained				
	Page No. - (9)				
	= 122.75 m ³				
	@ Rs 258.72/m ³				317582

Particulars	Details of actual measurement				Contents of area
	No	1	2	3	
(11/6) Construction of subgrade and earthen shoulder					
Page No. - (9)					
= 272.81 m ²					
@ Rs 33.75/m ²					Rs 1172.93 =
(11/7) Construction of subgrade and earthen shoulder					
Page No. - (9)					
= 872.23 m ²					
@ Rs 22.82/m ²					Rs 197.82 =
(12/9) Construction of gravel subbase					
Page No. - (9)					
= 472.84 m ²					
@ Rs 22.50/m ²					Rs 1063.16 =
Rs 18.50/m²					Rs 873.73 =
Rs 18.50/m²					Rs 873.73 =
Add 18.165					Rs 331.90 =
Add 1/2 Labours					Rs 1843.5 =
Add 5.00 m ² of water					Rs 138.60 =
					Rs 2239.10 =
Less 5.317					Rs 1182.43 =
Less provision of 5% for loss					Rs 59.12 =
					Rs 1123.31 =
					Rs 1037.85 =

of 2002

28/02/2015

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collected

28/02/15

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