

③ Rang P-ccm, in dem
bevorzugen ————— da —————
Ref: $2 + 4 \times 5 + 1 \times 5 + 0 \cdot 1 = 1.93 \text{ m}$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1-2	2	4	1.75	0.35	0.358
2-3	2	2	2.5	0.25	0.25
	2	2	6.45	0.25	0.64
					3.12 m
10/12/22 Phil 10/11/22 Dated on 12-12-22					

REINFORCEMENT DETAILED OF 1Mx1M RCC BOX CULVERT

Reinforcement

Bottom	2x 10 x 1.32 x 0.6	63.36 kg
B-B	2x 10 x 6.0 x 0.40	48.00 kg
MT	2x 10 x 1.32 x 0.6	63.36 kg
M-B	1x 10 x 6.0 x 0.4	48.00 kg
Walls	2x 2x 40 x 1.5 x 0.6	81.6 kg
0.4 bar	2x 2x 20 x 1.5 x 0.6	33.6 kg
		314.16 kg (A)

(B) cut off wall

mg	2x 2x 19 x 12.4 x 0.4	376.32 kg
Sb	2x 2x 2x 6 x 6.0 x 0.4	115.2 kg
		491.52 kg (B)

(C) ABUTMENT

cut off	2x 2x 36 x 2.1 x 0.6	181.44 kg
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$$\text{Total } (1) + (3) + (7) + (9)$$

Ph
12/14/22

⑤ REINFORCEMENT DETAILS

OF DECK SLAB OF 1m x 1m Box cul.

⑦ DECK SLAB

~~335.364~~ (5)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(E) <u>PAVement work</u>					
Area $2 \times 2 + 2 \times 1.5 \times 0.4 = 7.2 \text{ y}$					
Top: $2 + 2 + 2 \times 1.5 \times 0.4 = 6.4 \text{ y}$					
Top: $2 + 2 \times 1.5 \times 1.5 \times 0.4 = 2.4 \text{ y}$					
					26.0 y (F)
Total (E) + (F)					
= 371.36 y (4)					

(G) subbing cully bendy bar
1000 bar 2-in to 1000 ft

$$4 \text{ (2)} + 5 \text{ (4)}$$

$$= 1783.6 + 371.36$$

$$= 2154.96 \text{ y}$$

$$\text{by } 2.155 \text{ MT}$$

21.12.22
FC

21/12/22

Date of work: 16-1-2023

(H) Prong Rect. man in Box
cell culvert

$$\text{R.H.:- } 2 \times 6.45 \times 1.5 \times 0.25 = 4.8375$$

$$\text{Abut:- } 2 + 2 \times 6.45 \times 0.25 \times 1.0 = 6.15$$

$$\text{2-11:- } 2 \times 6.45 \times 1.5 \times 0.25 = 4.8375$$

$$\text{Parab:- } 2 \times 2 \times 1.5 \times 0.25 \times 1.5 = 0.75$$

Sch. XIV Form No. 124					
Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
cut-off	2	2+6.25	0.25	5	3.62
	2	2+2.5	0.20	5	2.00
base	2	2+6.25	0.10	0.5	0.25
Flt	2	4	$\frac{1.3+1.4}{2}$	0.25	0.75
					29.24 m ³

⑤ Pump Back Fly by Yellow Ash

a.p.w

as

$$2+2+6.0 \times 0.6 \times 1.0 = 14.40 \text{ m}^3$$

⑥ Pump concrete in ft bed

a.p.w

as

$$2+7 \text{ m} = 14 \text{ m}^3$$

⑦ Pump lying strong and

concrete w.p.m. m³ m³ m³ m³

$$12 \times \frac{3.1+3.75}{2} \times 0.075 = 5.75 \text{ m}^3$$

$$15 \times \frac{6.0+3.75}{2} \times 0.075 = 5.46 \text{ m}^3$$

$$15 \times \frac{4.7+3.75}{2} \times 0.075 = 4.75 \text{ m}^3$$

$$\text{abb} \sim 8.4 \times \frac{4.0+1.0}{2} \times 0.075 = 1.57 \text{ m}^3$$

$$3.6 \times \frac{1.2+5.4}{2} \times 0.075 = 1.29 \text{ m}^3$$

$$18.85 \text{ m}^3$$

$$\text{Lm} \text{ w} \times 3.75 \times 0.075 = 11.51 \text{ m}^3$$

Continuation

$$7.04 \text{ m}^3$$

15.123

15/11/23

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Dated 15.4.23</u>					
(1) continuous measurement					
P.O.C. Payment					— do —
		$12.0 \times 3.10 + 3.75$	$\times 0.16 + 0.15$		$\frac{2}{2} = 10.38m$
		$15.0 \times 6.7 + 3.75$	$\times 0.16 + 0.15$		$\frac{2}{2} = 10.42m$
		$15.4 \times 4.7 + 3.75$	$\times 0.16 + 0.15$		$\frac{2}{2} = 9.12m$
abbi		$8.4 \times 4.7 + 1.0$	$\times 0.16 + 0.1$		$\frac{2}{2} = 2.35$

$18.6 \times 4.2 + 5.4$	$\times 0.16$	2.76
3×3.4	$\times 0.125$	1.275
$9 \times 3.0 + 3.75$	$\times 0.16$	162.67
$1 \times 5.0 \times 3.7$	$\times 0.15$	2.77
$293.01m$		

15.4.23
J.E.

15/11/23

mathematical calculation

local land	3.17m
extra land	105.94m
stone cut	211.68m
mulch	9.0m
scrubby mulch	1.68m

15.4.23
J.E.

Continuation

15/11/23

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ASSIGNMENT OF COST					
(1/1) Const. of working bench mark					
do					
Qty vide item no (1/1)					
P. no-17	T.m.B	=	2.27 km		
	@ RS. 10315.56 / km				RS. 23416.00
(2/1) Const. of reference pillar-do					
Qty vide item no (2/1)					
P. no-17	T.m.B	=	2.27 km		
	@ RS. 10549.45 / km				RS. 23947.00
(2/2) providing clearing & grubbing					
do					
Qty vide item no (2/2)					
P. no-17	T.m.B	=	0.68 Hect.		
	@ RS. 51133.76 / Hect				RS. 34771.00
(4/3) P/V & fixing masonry sign					
informational board-do					
P. no-17	T.m.B Qty: 2 Nos.				
	Qty vide item no- (4/3)				
	@ RS. 11449.43 / each				RS. 22899.00
(5/1) Const. of embankment with					
soil obt. from borrow pit lead 1000m.					
Qty vide item no- (5/1)					
P. no- (18)	T.m.B	=	675.00 m ³		
	@ RS. 174.94 / m ³				RS. 118085.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) Const of embankment with soil ext from road 100 m					
Qty vide item no (6)					
P. no-18 T.M.B = 1575.00 m ³					
@RS 58.70/m ³ — RS. 92455.00					
(7) Earth work excavation for road by manual means do —					
Qty vide item no (7)					
P. no-18 T.M.B = 224.25 m ³					
@RS. 74.16/m ³ — RS. 16630.00					
(8) Const. of C.S.B Crs — do					
Qty vide item no (8)					
P. no-18 T.M.B = 729.60 m ³					
@RS. 2882.77/m ³ — RS 2103269.00					
(9) P/V, laying & spreading WBM Cr. — do —					
Qty vide item no. 9/10 = 204.96					
add item no. 10, P. no-24 = 7.04 m ³					
= 211.80 m ³					
@RS. 3589.91/m ³ — RS. 760343.00					
(10) Const of p.c.c pavement m. 25 — do —					
Qty vide item no. 10/14 = 360.00 m ³					
add item no. 11, P. no-25 = 203.01 m ³					
= 563.01 m ³					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	@ RS	3060.22/m ²		RS	3975346.00

(11/31) Earthwork excavation in foundation — do —

Qty vide item no- ①

P. no- 20 T. m. B = 29.36 m³

@ RS. 269.32/m³ — RS. 7907.00

(12/32) providing sandfilling in foundation trenches — do —

Qty vide item no- ②

P. no- 20 T. m. B = 3.17 m³

@ RS. 400.59/m³ — RS. 1270.00

(13/34) prov. P.C.C m-15 in open foundation — do —

Qty vide item no- ③

P. no- 20 T. m. B = 3.17 m³

@ RS. 5903.65/m³ — RS. 18715.00

(14/43) Supplying, fitting and placing

HYSD bar reinforcement — do —

Qty vide item no- ⑥

P. no- 23 T. m. B = 2.155 MT

@ RS. 45918.00/MT — RS. 98953.00

(5/29) providing R.C.C m-25 in

BOX cul Culvert — do —

Qty vide item no- ⑦

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
P. no-24 T. m. B = 29.28 m ²					
@ RS. 7399.18/m ³					RS. 216500.00
(16/40) providing back filling behind					
Abutment & R/W — do —					
Qty vide item no-③					
P. NO-24 T. m. B = 14.40 m ³					
@ RS. 2754.73/m ³					RS. 39668.00
(7/41) providing weepholes in					
Abutment & R/W — do —					
Qty vide item no-⑨					
P. no-24 T. m. B = 14 No.					
@ RS. 83.11/each					RS. 1163.00
					RS. 7555329.00
Add @ 12% GST					RS. 906639.00
Add @ 1% L. cess					RS. 75553.00
					RS. 8537521.00
less 3.51% below as Ag.					RS. 299667.00
					RS. 8237854.00
less previous payment					RS. 6228499.00
					RS. 2009355.00
15/4/23 J.E 15/4/23 Phk					