

Name of road:- Near R.C. culvert in Itaria Lalbag
road to Agarbou bigla
(MMSY, Audharkh, NDB)

Schedule XLV-Form No. 134

10/SBD/23.24

M/S Ambay Construction, DIVISION

K-1B79 00117411 001+199211. SUB-DIVISION

Measurement Book

1344

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
	2nd or Alc				
Name of work	Near R.C.C. culvert				
In Haul	Lathigh road to Agavashigh				
	LL = 0.500 m, mostly Anicut NDB				
Agg No.	17-500/2324				
Name of contractor	M/s. Anshu Construction				
Package No.	NDB-RRR/2.25 Madurai				
Date of Start	15-12-2023				
Intended date of completion	14/12/2024				
Accepted rate	0.11 / ft. h-hw				
Agreement value	Gross Rs. 48.825 lac				
	Imp. value Rs. 4.415 lac				

Revised Measurement

(1) Construction of 4.90 m

B.T position

At start point

$$1 \times 10.00 \times \left[\frac{(10.70 + 6.00)}{2} - 4.05 \right] \times 0.20 = 8.60 \text{ m}^3$$

$$1 \times 15.00 \times \left[\frac{(6.00 + 4.05)}{2} - 4.05 \right] \times 0.20 = 2.92 \text{ m}^3$$

Curve

$$2 \times 20.00 \times \left[\frac{(4.05 + 4.05 + 4.05)}{3} - 4.05 \right] \times 0.20 = 1.07 \text{ m}^3$$

$$1 \times 8.00 \times 2.05 \times 0.20 = 6.48 \text{ m}^3$$

$$\text{Loss for 10} = 1 \times 3.00 \times 2.05 \times 0.20 = 4.20 \text{ m}^3$$

$$1 \times 3.00 \times 2.05 \times 0.20 = 2.84 \text{ m}^3$$

P.C.C. position

$$1 \times 5.00 \times \left[\frac{(5.75 + 4.75)}{2} - 3.75 \right] \times 0.100 = 0.26 \text{ m}^3$$

$$1 \times 14.00 \times \left[\frac{(4.75 + 6.75)}{2} - 3.75 \right] \times 0.100 = 2.77 \text{ m}^3$$

$$1 \times 15.00 \times \left[\frac{(6.75 + 5.00)}{2} - 3.75 \right] \times 0.100 = 3.13 \text{ m}^3$$

$$1 \times 3.00 \times 3.75 \times 0.100 = 2.75 \text{ m}^3$$

Continuation

24.79

m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) P.V. laying & providing Compacting of subm 60.3 at 155405.					
B.T position					
1 x 10.00 x (10.40 + 6.00) x 0.075 =					6.15 m
1 x 15.00 x (6.00 + 3.75) x 0.075 =					5.48
Less for 2.0	1	3.50	6.00	0.075 =	1.58
Curve - 2	2	2.00	(3.75 + 4.15 + 3.75) x 0.075 =		11.65
			3		
7 x 30.00 x 3.75 x 0.075 =					59.06
1 x 21.00 x 3.75 x 0.075 =					5.31
1 x 10.00 x 3.75 x 0.075 =					2.81
					89.48 m ²
					(n)

P.C. position					
1 x 5.00 x (3.75 + 4.75) x 0.075 =					1.59
1 x 14.00 x (4.75 + 6.70) x 0.075 =					6.01
1 x 15.00 x (6.70 + 5.00) x 0.075 =					6.58
5 x 30.00 x 3.75 x 0.075 =					42.19
1 x 6.00 x 3.75 x 0.075 =					1.69
					58.06 m ²
					(5)

Total A + B = 147.54 m²

27/10/24
AE/SE

27/10/24
AE

(3) Consol. of 44 reinforcement
P.C. Pavement M-30

1 x 5.00 x (3.75 + 4.75) x 0.16 =					2.203
1 x 14.00 x (4.75 + 6.70) x 0.16 =					12.82
1 x 15.00 x (6.70 + 5.00) x 0.16 =					14.04
					37.06 m ²

Continuation

27.06

ABSTRACT OF COST			
①	Setting out work with concrete of Bench Mark reference pillars.		
Qty	with TMB p/4 item ①		
0.500 cum	Q 13 17708.00/km ³	8854 =	
②	clearing grass & removal of rubbish.		
Qty	with TMB p/4 item ②		
0.300 ha	Q 13 19930.80/ha	5979 =	
③	Constr of embankment with sand upto 100m		
Qty	with TMB p/4 item ③		
380.52 m ³	Q 13 217.07/m ³	212841 =	

h 227674~

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area B/F
	No.	L.	B.	D.	
					227.674
④ Contn of embankment do - upto 100m (end)					
Qty vid TMB P/S item ④					
245.13 m^3			267.79 m^3		65643
⑤ Contn of subgrade/shoulder					
Qty vid TMB P/S item ⑤ = 121232 m^3					
" " " P/S item ④ = 126.36 m^3					
			1338.68 m^3		
Q = 438.03 m^3					586382
⑥ Contn of G.B.C. 4:1					
Qty vid TMB P/S item ⑥ = 308.88 m^3					
" " " P/S item ① = 247.13 m^3					
			333.67 m^3		
Limited as per agreement					
332.09 m^3			2706.10 m^3		898669
⑦ Plu, laying, spreading & compacting do - 3m cr. 3					
Qty vid TMB P/S item ② = 147.54 m^3					
Limited as per agreement					
146.38 m^3			3953.39 m^3		578697

Continuation

2357065

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area B/F
	No.	L.	B.	D.	
					M 23,57,065
(8) Const of un-reinforced 11 p.c.c. pavement 1501.					
Qty vide TMB P/10 item (3)					
= 122.66 m ³					
Limited as per program					
122.40 m ³ @ 7386.52/m ³					904159
(9) Excavation for structure					
24 Qty vide TMB P/5 item (7)					
14.40 m ³ @ 398.62/m ³					57407
(10) Laying Type-B' bedding					
25 Qty vide TMB P/5 item (8)					
6.00 m ³ @ 575.25/m ³					3452
(11) Plw & laying NP3 HP.					
26 300 mm dia					
Qty vide TMB P/5 item (9)					
40.00 m @ 947.12/m					37885
					B 3308301
Labour cons 1-%					170
					33083
G.S.T 18%					595434
					3736878
Signior & ge file.					(A)
Update					
item (3) 980.52 x 35.25 + 0.10 =					3452

Continuation

[illegible]