

53SBD/MMM/54(CS)/BAISI

TOS PWD Road to Ajia Ghatga Tola

Schedule XLV-Form No. 134

Baigsi

DIVISION

Baigsi

SUB-DIVISION

Measurement Book

1315

Saleha J. H. Baigsi

This is to certify that this MB
contains 100 comp^{ts}. Printed page
that has been wired to Ant.
Bay. RWD Bays for the work
of the RWD Road to Ag's. Secy's
note for the Block Room.

W.D. Work
13/08/2001

Executive Engineer
R.W.D. Work Division

Baisi (Pune)

W.D. Work
13/08/2001

Sch. XLV - Form No. 134

Baisi DIVISION

Baisi SUB-DIVISION

Measurement Book
No. *1315*

Name of officer _____

Date of first entry _____

Date of last entry _____

Name of Work-

Situation of Work-

Agency by which work is executed-

Date of Measurement-

No. and date of agreement-

(These four lines should be repeated at the commencement

of the measurement relating to each work)

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
Reconel Measur				
① Name of day - Construction or				
read from TOS ROAD read to				
Area not to be				
Name of Agency -				
Report no -	53	SAS	1020-21	
Date of Commence	13.08.2020			
Date of Completion -	12.08.2021			

① PIV area thing large or				
MAINSY Information Sym				
board - de - de -				
— 01 M.				
② PIV area thing CIPBAY				
Information Sym board				
— 01 M.				
③ PIV M Information Sym				
structure - de - de -				
Reconel -	12.10.25	20.6.10	20.8.20	46.13 M
C-10.00 -	20.10.25	20.13.07	20.18.00	47.09 M
R-10.00 -	20.10.25	20.13.07	20.18.00	47.09 M
				234.50 M

Continuation

[illegible]

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Side wall 16 mm					
2x 40 mm x 6.45				503.10 m	
@ 1.58 kg/m					794.89 k.
Trim side wall 10 mm					
2x 30 mm x 3.95				237.0 m	
@ 0.62 kg/m					146.94 k.
Middle wall 16 mm					
1x 40 mm x 7.25				310.0 m	
@ 1.58 kg/m					489.80 k.
Brick outer trim side 10 mm					
2x 3 x 15 mm x 6.25				2512.50 m	
@ 0.62 kg/m					348.55 k.
Extrabar side 16 mm					
2x 39 mm x 3.01				234.78 m	
@ 1.58 kg/m					320.95 k.
Extrabar bottom 16 mm					
39 mm x 2.45				95.55 m	
@ 1.58 kg/m					150.97 k.
Extrabar Dist. 10 mm					
15 mm x 5.04				75.60 m	
@ 0.62 kg/m					46.87 k.
Flange 8 mm					
2x 2x 39 mm x 0.683				106.55 m	
@ 0.395 kg/m					42.09 k.
					2 3207.09 k.
					α, 3.207 MP

Continuation

(B)

[illegible]

Continuation

Recanal Manual

① PIV Concrete for plain/roofs
Concrete in m³ for
— do — do —

$4 \times 4.60 \times \frac{2.50 + 1.79}{2} \times 1.60 = 63.14 \text{ m}^3$

~~30.11.22~~ 30.1.2022
AE Ju

Continuation

Continuation

Bill NO. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Record Measur.

(1) SIF and placing H&D

Rm chel bar do do

Bottom 16 mm

$$40 \text{ mm} \times 9.68 = 387.20 \text{ m}$$

$$\text{@ } 1.58 \text{ kg/m} = 611.77 \text{ kg}$$

Top - 12 mm

$$40 \text{ mm} \times 9.50 = 380.00 \text{ m}$$

$$\text{@ } 0.89 \text{ kg/m} = 338.20 \text{ kg}$$

Brick (Top-Bottom) 12 mm

$$2 \times 31 \times 6.25 = 387.50 \text{ m}$$

$$\text{@ } 0.89 \text{ kg/m} = 344.87 \text{ kg}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Exter Top bar					
16 mm ϕ -	1x39m	2.45	2	95.55m	
		@ 1.58 kg/m			150.97 kg.
Top 8 mm ϕ ,					
	1x39m	2.0	966	37.67m	
		@ 0.395 kg/m			14.88 kg.
Haunch 8 mm ϕ					
	2x2x39m	2	0.683	106.55m	
		@ 0.325 kg/m			42.09 kg.
Side wall Top					
	2x20m	2	2.52	100.80m	

		@ 0.62 kg/m			62.50 kg.
Chamber	12 mm ϕ ,				
	15m	2.5	2	37.50m	
		@ 0.89 kg/m			33.37 kg.
Reinb.					
10 mm ϕ top	2x2x10	2	1.20	144.00m	
		@ 0.62 kg/m			89.28 kg.
Binder 12 mm ϕ ,					
	6m	2	9.20	55.20m	
		@ 0.89 kg/m			48.95 kg.
Corner bar	16 mm ϕ ,				
	4m	2	9.20	36.80m	
		@ 1.58 kg/m			58.14 kg.
					1795.02 kg.
					at 1.795 MT.

Continuation

7/3/22
ACE

7.3.2022
5m.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Record Measur/				
①	P/W canal laying reinforced				
	Concrete in				
	Super structure				
	— do — do —				
Top slab -	1x	9.25x	6.0x	0.35 =	19.43 $\frac{3}{4}$
Hauch -	4x	6.0x	0.020	=	0.48 ,
Sub -	2x	9.25x	0.25x	0.30 =	1.39 ,
					21.29 m ³
②	P/W drainage Spouts				
	— do — do —				
	— 8 nos				
③	P/W canal laying concrete				
	Concrete Working coat				
	— do — do —				
	1x	9.25x	5.20x	0.025 =	3.61 m ³
④	Concrete of Rec railing (H.S)				
	Grade — do — do —				
	2x	9.25x			18.50 m
⑤	P/W Back filling behind				
	abutment wing wall				
	& return wall — do — do —				
	2x	4.6x	5.20x	0.20 =	9.57 m ³
	2x	4.60x	4.24x	2.88 =	112.20
					121.77 m ³
	Dredget				42.92
Continuation					78.48 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) P.V. and laying filter					
medium - do - do -					
2x 4.24 x 0.60 x 2.70					13.24 m ³
4x 4.0 x 0.60 x 3.03					24.18 "
					Σ 42.92 m ³
(7) P.V. Casing and Sub base - do - do -					
3x 8.0 x 1.0 x 0.15					3.60 m ³
5x 3.0 x 1.25 x 0.15					2.81 "
4x 4.50 x 1.0 x 0.10					1.80 "
Recessed Manhole					
(1) Excavation for recessed Manhole					
17 m do. 1 using manual					

for carrying out of embankment					
do - do - do -					
Conrad (W)					
2x 9 x 30.0 x 0.525 x 0.10					28.35 m ³
2x 10 x 30.0 x 0.525 x 0.10					31.50 "
2x 10 x 30.0 x 0.525 x 0.10					31.05 "
					Σ 90.45 m ³
(2) CONVEY of embankment with approved					
materials deposited from road					
Way cutting - do - do -					
So. of total qty -					54.0 m ³
8x 2.0 x 1.25 x 0.15					3.0
1x 1.0 x 0.50 x 0.10					0.05
					Σ 11.25 m ³
BT Portion					
1x 6.0 x 1.0 x 0.125					0.75 m ³

Continuation

0

2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
47	1.39	1.923	0.60	0.40	
50	1.188	1.289	3.0	3.862	
100	1.427	1.308	50.0	66.325	
150	1.204	1.566	50.0	78.225	
800 120	1.482	1.593	20.0	31.860	
300 215	1.106	1.294	0.60	0.60	
200 250	3.837	2.472	35.0	86.503	
300	2.184	3.011	50.0	150.525	
350	2.251	2.248	50.0	110.825	
400	2.584	2.418	50.0	120.825	
450	1.535	2.060	50.0	102.925	
500	1.738	1.637	50.0	81.825	
550	1.221	1.245	50.0	87.225	
600	1.259	1.255	50.0	87.220	
650	1.399	1.529	50.0	78.225	
700	1.081	1.240	50.0	62.60	
750	1.254	1.168	50.0	58.325	
800	1.398	1.326	50.0	66.340	
850	0.127	0.263	50.0	38.15	
900	0.212	0.420	50.0	20.925	
950	0.353	0.533	50.0	26.625	
1000	1.384	0.869	50.0	43.425	
1050	1.003	1.194	50.0	59.625	
1100	1.025	1.039	50.0	51.925	
1150	1.545	1.310	50.0	65.500	
1200	1.591	1.538	50.0	76.900	

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1280	1.934	1.258	50.0	87.835	
1300	1.044	1.514	50.0	75.700	
1330	0.657	0.857	30.0	25.525	
				1896.19 m ²	
Answer					
(i) For Level 100m				284.43 m ²	
(ii) For Level 100m				1611.26 m ²	
(2) Consty of Sub grade and					
Shoulder					
do do					
150.0 x $\frac{0.826 + 7.726}{2} \times 0.30$				327.42 m ³	
(3) Consty of Curricular sub base					
do do					
BT Portals					
2 x 4 x 30.0 x 0.525 x 0.10				12.60 m ³	
2 x 6 x 30.0 x 0.525 x 0.10				18.90 m ³	
2 x 1 x 20.0 x 0.525 x 0.10				2.10 m ³	
2 x 8 x 30.0 x 0.525 x 0.10				25.20 m ³	
2 x 1 x 10.0 x 0.525 x 0.10				1.05 m ³	
3 x 30.0 x 4.05 x 0.20				72.90 m ³	
2 x 30.0 x 4.05 x 0.20				48.60 m ³	
19 x 30.0 x 4.05 x 0.10				230.85 m ³	
				412.20 m ³	
Portable Corrother					
520.0 x 3.0 x 0.10				156.0 m ³	

Continuation

for 15.1.

25.65

437.85 m³

(A)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ce Portan -	2 x 2	30.0 x	0.325 x	0.10	4.50 m ³
	2 x 6	30.0 x	0.325 x	0.10	13.50 "
	2 x 10.0	x 3.25	x 0.10	2	0.35 "
Profile Correction					18.75 m ³
	250.0	x 3.25	x 0.10	93.75	
		For	15.1		11.25 "
					30.0 m ³
			B		
	A+B	= 437.85 + 30.0	=		467.85 m ³
(14) PW laying spreading and					
Compacting stone metal					
Curbs etc					
		do	do		
	4 x	30.0 x	3.25 x	0.025	33.75 m ³
	6 x	30.0 x	3.25 x	0.025	50.62 "
	1 x	20.0 x	3.25 x	0.025	5.62 "
	2 x	30.0 x	3.25 x	0.025	16.87 "
	8 x	30.0 x	3.25 x	0.025	62.50 "
	1 x	10.0 x	3.25 x	0.025	2.81 "
	3 x	30.0 x	3.25 x	0.025	25.81 "
	2 x	30.0 x	3.25 x	0.025	16.87 "
	6 x	30.0 x	3.25 x	0.025	50.62 "
	1 x	10.0 x	3.25 x	0.025	2.81 "
					272.88 m ³
(15) PW Lining of Bedding bench mark					
		do	do		
(i) Bench mark -			2 m		
(ii) Reference Pile -			5 m		

Continuation

(5) Consty of unreinforced concrete Paved - border

$$1 \times 60.0 \times 3.25 \times 0.16 = 36.0 \text{ m}^3$$

$$2 \times 30.0 \times 3.25 \times 0.16 = 108.0$$

$$1 \times 6.0 \times 3.25 \times 0.16 = 3.60$$

$$= 147.60 \text{ m}^3$$

15

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) clearing and Grubbing					
do do					
2 x 1300.0 x 3.50				9100.0	
a, 0.91				he	
(17) Extension of road Wdy					
do do					
2 x 900.0 x 0.505 x 0.10				94.50	
2 x 250.0 x 0.335 x 0.10				18.35	
				113.25	
(18) Consty of cement					
As per item No (7)				113.25	
604 sty				67.95	
(19)					
201572				29.5	

ABSTRACT OF COST

(1) P & Hing of Working

bench mark Reference

Pillars - do - do -

vide page No (14)

(a) Bench mark Pillar - 2 m

@ 4333 38/100 = R 8667.20

(b) Reference Pillar - 5'

vide page No (14)

@ R 1989.06/100 = R 9945.20

(2) clearing & Grubbing

do - do -

vide page No (15) - 0.91 he

@ R. 5137.38/he = 46535.6

@ R. 65147.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) Explanation of preceding					B.R. 65/147 = 10
In April — do — do —					
vide page No. (15) — 113.35 a'					
(15) Conty of compound —					
— do — do —					
vide page No. (15) — 67.95 a'					
C.R. 25.50/4 ³ — R					8500 = 10
(16) Conty of compound —					
with material —					
— do — do —					
vide page No. (13)					
(17) For land 1000 m — 284.43 a'					
C.R. 190.23/4 ³ — R					54107 = 10
(18) For land 100 m — 1611.26 a'					
C.R. 158.14/4 ³ — R					254884 = 10
(19) Conty of Subgrade —					
— do — do —					
vide page No. (13)					
C.R. 322.42 a'					
C.R. 192.13/4 ³ — R					159815 = 10
(20) Conty of Unimproved Sub base.					
— do — do —					
vide page No. (14)					
C.R. 469.85 a'					
C.R. 2895.34/4 ³ — R					1354585 = 10

Continuation C.R. 1898907 = 10

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Pin spreading area					Area 1898909.20
Compacting stone material					
And 10 - do - do -					
Side layer (14)					
Q.R. 3632.9814 ³ - R					1001915.20
(10) Growth of unweeded forest					
Generate forest					
- do - do -					
Side layer (15)					
Q.R. 7266.614 ³ - R					1072560.20
(11) Pin area during typical nursery					
Interim 5gm based					
10th layer - do - do -					
Side layer No. (11)					
(1) Pin area during layer - 01 m					
(2) Children Interim 5gm based - 01					
2 m					
Q.R. 9662.81 m - R					19326.10
(12) Pin area during layer - 01 m					
2 m					
Q.R. 294.9314 ³ - R					69114.20
Q.R. 4061822.20					

Continuation

[illegible]