

Schedule XLV-Form No. 134

G.T Road Chotkisar Road To **DIVISION**

Nawadab Toja **SUB-DIVISION**

1508

MEASUREMENT BOOK

1.
 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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work -	G.T Road, Chalki-				
	Saw Road To Nawadah Tola				
Agency -	Chaya Biras Pvt Ltd				
Agreement No -	148BD/23-24				
Work start date -	12/03/24				
Work completion date -	11/13/25				
	<u>Record entry</u>				
	Date - 15/10/24				

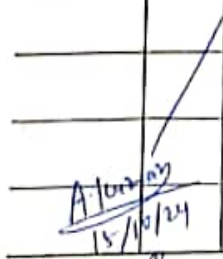
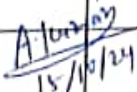
Item - (1)	P/v and fixing bench mark pillar - 1 No				
Item (2)	P/v and fixing reference pillar - 3 No				
Item (3)	Clearing and grubbing Road Land				
	25	22	30	1.20	1584 m ²
	25	18	25	1.00	50 m ²
					1634 m ²
					= 0.16 Ha
Item - (4)	E/w in ex cavation for structure (Foundation)				
H.w.	2	3.90	1.15	1.50	13.455 m ²

Continuation



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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Below pipe	1	5.35	1.13	0.315	2.207 m ³
					15.662 m ³
Item-5	providing M ₁₅ P.C.C				
	as levelling course				
P.C	in fund				
15/11/24 H.W -	2	3.90	1.15	0.150	1.34 m ³
Below pipe	1	5.30	1.15	0.250	1.49 m ³
loss for pipe	0.25	0.7857	0.8302		
				X 5.49	= 0.791 m ³
					2.03 m ³
Item-6	F/W excavation in				
	found of structure				
	(Continued from page 1)				

H.W -	3	2.64	1.40	1.50	8.172 m ³
Below pipe	3	4.85	1.53	0.365	8.124 m ³
					89.394 m ³
Item-7	providing M ₁₅ P.C.C				
	as Levelling course in				
15/11/24 H.W -	3	2.64	1.35	0.150	7.831 m ³
Below pipe	3	4.93	1.55	0.250	5.65 m ³
loss for pipe	3	0.75	0.7857	1.2308	
				X 5.49	= 4.89 m ³
					8.59 m ³
					
					
15/10/24					

Continuation

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Record entry

M 3 - 27/10/24

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item-①	providing	plain concrete			
	in open	fundth (6.4m)			
H.W -	2x	3.6x	1.016	1.00	$= 10.94 m^3$
Item-②	providing	plain concrete			
	in open	fundth (road)			
H.W -	3x2x	6.15x	1.250	0.800	$\times 1.250$
			2		
					$51.06 m^3$
Item-③	Construction of				
	embankment	pro. kamupik			
	As per	Graph			
	6/10	9/10	Chd.		

Sr. No	Change m	Area	Height m	Length m	Volume (m ³)
1	0	1.12	—	0	0
2	50	1.08	1.10	50	55.00 m ³
3	100	1.14	1.11	50	55.50 m ³
4	150	1.10	1.12	50	56.00 m ³
5	200	1.16	1.13	50	56.50 m ³
6	250	1.22	1.19	50	59.50 m ³
7	300	1.18	1.20	50	60.00 m ³
8	350	1.32	1.25	50	62.50 m ³
9	400	1.44	1.38	50	69.00 m ³
10	450	1.38	1.40	50	70.50 m ³
11	500	0.86	1.12	50	56.00 m ³
12	550	1.26	1.06	50	53.00 m ³
13	600	1.36	1.31	50	65.50 m ³

Continuation



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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14	650	1.42	1.39	50	69.55 m ²
15	685	1.24	1.33	50	46.55 m ²
					835.05 m ²
		Limit			
		835	$\times \frac{80}{100}$	=	668 m ²
(A)		For 100m (end)			
		668 m ²	$\times \frac{65}{100}$	=	434.20 m ²
(B)		For 100m (end)			
		668 m ²	$\times \frac{35}{100}$	=	234.20 m ²

			Record entry	
			M.D - 30/10/24	
			item-① providing labour Pucc	
			H.P Pipe (Grade)	
			$3 \times 2.50 = 7.50m$	
			item-② providing labour Rucc	
			H.P Pipe (Invert)	
			$3 \times 2.50m = 22.50m$	
			item-③ providing floor concrete	
			in front (Grade H.P)	
			L.H.W. $= 2 \times 3.6 \times \frac{0.6 + 0.4}{2} \times 0.830 = 2.98 m^3$	
			Pavement $= 2 \times 3.6 \times 0.4m \times 0.6 = 1.728 m^3$	
			Loss pipe $= 2 \times 0.7857(0.830) \times 0.530 = 0.574 m^3$	
			4.134 m ³	



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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
A) For inner land (30/1)					
	1027	32	$\times \frac{30}{100}$		$308.19 m^2$
(B) For inner land (70/1)					
	1027	32	$\times \frac{70}{100}$		$719.32 m^2$
Item (2) Const ⁿ of Subgrade					
ch rigid pavement					
$\frac{539.6 + 583.1}{2}$	1	$\times 30$	$\times \frac{6.94 + 7.30}{2}$	$\times 0.30$	$= 63.44 m^2$
$\frac{6.94 + 7.30}{2}$	1	$\times 20$	$\times \frac{6.10 + 7.30}{2}$	$\times 0.30$	$= 40.2 m^2$
<u>Area of subgrade</u>					$103.64 m^2$
Record entry					
M.D. 14/11/24					
Item (7) providing C.S.R. from profile correction					
	5	$\times 0.70$	$\times 0.50$	$\times 0.10$	$= 0.175 m^2$
	10	$\times 0.90$	$\times 0.70$	$\times 0.10$	$= 0.63 m^2$
	8	$\times 1.50$	$\times 1.10$	$\times 0.10$	$= 1.32 m^2$
	7	$\times 1.80$	$\times 1.40$	$\times 0.10$	$= 1.76 m^2$
	6	$\times 1.70$	$\times 1.50$	$\times 0.10$	$= 1.53 m^2$
					$5.41 m^2$
					$109.05 m^2$

Continuation

TT. ... 11/11/24

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Record entry			
		Date - 25/11/24			
Item (D)		p/v and fixing logo			
Item (E)		citizen hand - 2 No			
		providing lighting			
		spreading w.B. material			
		in flexible pavement			
Ch 15 to 15.25		1 x 15 x 8.60 + 3.75			= 92.62 m ²
Ch 15.25 to 24.00		7 x 30 x 3.75			= 787.5 m ²
		1 x 15 x 3.75			= 56.25 m ²
Ch 24.00 to 27.00		1 x 30 x 3.75 + 43.00 x 3.75			= 112.99 m ²
Ch 27.00 to 44.00		4 x 30 x 3.75			= 450 m ²
		1 x 14 x 3.75			= 52.5 m ²
Ch 58.90 to 85.00		3 x 30 x 3.75			= 337.5 m ²
		1 x 6 x 3.75			= 22.5 m ²
T.C					1916.86 m ² x 0.025
(1/34/11/24)					= 143.76 m ²
Item (F)		providing w.B. material			
		in rigid pavement			
Ch 40.40 to 47.25		2 x 30 x 3.75			= 225 m ²
		1 x 14 x 3.75			= 52.5 m ²
Ch 47.25 to 58.90		3 x 30 x 3.75			= 337.5 m ²
		1 x 21 x 3.75			= 78.75 m ²
					693.75 m ²
					x 0.025
					= 52.03 m ²

Continuation

A/km
25/11/24
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ABSTRACT OF COST

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/1) Fixing B.M. pillar					
V.T.M.B.P.No - (1)					
Item no (1) — 1 H					
Qr 4277.77/Ha —					4278=
(2/2) P.V. and fixing B.M. pillar					
V.T.M.B.P.No - (1)					
Item no (2) — 3 No					
Qr 1971.88/Ha —					5916=
(3/3) Clearing and grubbing Road Land					
V.T.M.B.P.No - (1)					
Item no (3) — 0.16 Ha					
Qr 175594.29/Ha —					12095=
(4/4) E/w in emb ⁿ with 100m lead					
V.T.M.B.P.No - (3)					
Item no (3/A) — 474.2m ²					
Qr 185.83/m ² —					80687=
(5/4) E/w in emb ⁿ with 100m lead					
V.T.M.B.P.No - (1)					
Item no (3/B) — 234.2m ²					
Qr 258.62/m ² —					60574=

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6/9) Cons ⁿ of subgrade					
For 100m Lead					
V.T. M.B. P.No. - (5)					
Item no - (5/B) - 719120					
Qs 226.24					162550.00
Qs 719120/m ³					162550.00
(7/9) Cons ⁿ of subgrade					
For 100m Lead					
V.T. M.B. P.No. - (5)					
Item no (5/A) - 38.19 m					
Qs 313.00/m ³					96463.00
(8/9) Cons ⁿ of subgrade					
in rigid pavement					
V.T. M.B. P.No. (6)					
Item no (5) -					103.20 m ³
Qs 313.00/m ³					32302.00
(9/10) Construction of C.S.B					
in B.T pavement					
V.T. M.B. P.No. 412 (7)					
Item no (2) - 412.30 m ³					
Qs 2093.58/m ³					8,63,183.00
(10/15) Cons ⁿ of C.S.B in					
rigid pavement					
V.T. M.B. P.No. (1), (7)					
Item (1), (5)					
5.40 + 41.25 = 46.65 m ³					
Qs 2093.58/m ³					97666.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11/11)	providing laying				
	W.B.M cur in flexible				
	pavement				
	V.T.M.B.P.No - (8)				
	item no - (2) - 143.76m				
	Q. 3627.67/m ²				521514.00
(12/10)	P/V laying W.B.M cur				
	in rigid pavement				
	V.T.M.B.P.No - (8)				
	item (5) - 52.03m ²				
	Q. 3627.67/m ²				188748.00
(12/10)	P.V. and fixing logo				
	V.T.M.B.P.No - (8)				
	item (1) - 2 No				
	Q. 11199.08/m ²				22398.00
(14/30)	E/w excavation in				
	found ⁿ (buddy)				
	V.T.M.B.P.No - (1)				
	item (4) - 15.66m ²				
	Q. 398.6/m ²				6243.00
(15/31)	providing ms. proc				
	as levelling course				
	V.T.M.B.P.No - (2)				
	item (5) - 2.03m ²				
	Q. 5761.15/m ²				11695.00

Continuation

TT. ... 11 1 1/11 / 11.1

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16/32)	p/v plain concrete				
	in open fourth				
	V.T. M.B. P.No (3), (4)				
	item (1), (3)				
	$10.94 \times 4.134 = 45.07 \text{ m}^2$				
	Q 6188.77/m ²				932542
(17/32)	providing laying				
	HP ₃ pipe				
	V.T. M.B. P.No (4)				
	item (1) - 7.50 m				
	Q 3201.80/m				2401420
(18/32)	E/c excavation				
	V.T. M.B. P.No (2)				
	item (1) - 89.394 m ³				
	Q 398.50/m ³				3563220
(19/36)	providing M ₁₅ level				
	as p.c.c. work				
	V.T. M.B. P.No (2)				
	item (1) - 8.59 m ²				
	Q 5761.15/m ²				4948820
(20/37)	p/v plain concrete				
	in open fourth				
	V.T. M.B. P.No (3), (5)				
	item (2), (4)				
	$51.06 \text{ m}^2 + 40.50 = 91.56 \text{ m}^2$				
	Q 6188.77/m ²				56658020

Continuation



Continuation