

W/scheme: - Barze Bagan Tola se SH 78 Patana to
Mazauki In Dhannawa Block length: - 0-400 km.

W/cont 1 - Manish Pantan

Measurement Book

1005-12-53.1
126 km

Schedule XLV-Form No. 134

ASIS m h o: - 24-1-371 mm h s y C s h d

DIVISION

Agno: - 01/SBD/2021-22

SUB-DIVISION

1253

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).

of the measurements relating to each work.					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:-	Construction 25 years				
	Maintenance of road Barrow				
	Bezar & 12 SH-78, Petre -				
	Masamukh and 1m Drains				
	Block under M.M. 551 (SC)				
N/Agency:-	Manish Ranjan				
Agno -	01/5/30/2021-22				
Start date -	18/2/2021				
Int. date of Comp.	17/11/2021				

(1)	Selling out Pillars		
	E worship Bened Mon		
	ch — d —		
	$1 \times 0.367M = 0.367 KM$		
(2/2)	Cleanip & grass h-p		
	road land —		
	Cut or		
	$1A 10.W \times 2.50 (AN) = 25.W M^2$		
MK	$8A 30.W \times 2.W (AN) = 480.W$		
	$1A 11.W \times 7.85 (AN) = 86.35''$		
	$2A 30.W \times 2.25 (AN) = 135.W$		
	$2A 15.W \times 2.W (AN) = 60.W$		
	= 786.35 m ²		

$$786.35/10000 = 0.079 \text{ Haef.}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Recover Measlt - 08/18/22					
(1/5) Fill in for data					
de - l with 085					
(Course 8 - 1)					
1x 10.50 x 3.05 x 0.125 = 4.007 ³					
8x 30.0 x 4.50 x 0.125 = 135.0					
1x 11.50 x 7.85 x 0.125 = 11.28 "					
2x 30.0 x 6.50 x 0.125 = 33.75					
1x 28.20 x 4.50 x 0.125 = 15.86					
					= 199.897 ³
(2/6) Cont of GSB. 58 f.					
de - l with 2					
CH: 00 - 349.707 (with 10 Hap. 12)					
1x 10.65 x 2.90 x 3.20 x 0.10 = 3.250 ³					
1x 7.35 x 4.00 x 3.75 x 0.10 = 2.85 "					
1x 11.00 x 3.75 x 0.10 = 4.13 "					
6x 30.0 x 3.75 x 0.10 = 67.50 "					
1x 16.50 x 4.80 x 3.75 x 0.10 = 6.19 "					
1x 6.20 x 4.55 x 3.80 x 0.10 = 2.59					
1x 15.50 x 3.40 x 3.75 x 0.10 = 5.54					
1x 3.50 x 5.30 x 5.45 x 0.10 = 1.88					
1x 2.80 x 3.85 x 5.30 x 0.10 = 1.28					
1x 10.20 x 7.85 x 0.10 = 8.01					
1x 9.00 x 3.75 x 6.00 x 0.10 = 4.39					
1x 17.50 x 3.75 x 3.90 x 0.10 = 6.61					
1x 5.50 x 4.10 x 4.30 x 0.10 = 2.31					

Record Mean 1 - 31/8/22

WSM. G23 - 40

Comp 005

1 x $10.65 \times \frac{2.90 + 3.20}{2} \times 0.075 = 2.4455$

1 x $7.35 \times \frac{4.60 + 3.75}{2} \times 0.075 = 2.1411$

1 x $11.60 \times 3.75 \times 0.075 = 3.09$

6 x $30.00 \times 3.75 \times 0.075 = 50.63$

10 x $16.50 \times 3.75 \times 0.075 = 4.64$

1 x $6.20 \times \frac{4.55 + 3.80}{2} \times 0.075 = 1.94$

1 x $15.50 \times \frac{3.40 + 3.75}{2} \times 0.075 = 4.16$

1 x $3.50 \times \frac{5.30 + 5.45}{2} \times 0.075 = 1.41$

1 x $2.80 \times 3.85 + 5.30 \times 0.075 = 0.96$

1 x $10.20 \times \frac{7.85}{2} \times 0.075 = 6.01$

77.4275

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1x	9.00	3.75	6.00	$\times 0.075 = 3.29$
	1x	12.00	3.75	3.75	$\times 0.075 = 5.02$
	1x	5.00	4.10	4.30	$\times 0.075 = 1.73$
	1x	11.00	4.30	3.75	$\times 0.075 = 3.32$
	1x	13.00	3.75	4.00	$\times 0.075 = 4.17$
	1x	9.00	4.00	3.75	$\times 0.075 = 2.89$
	1x	10.00	3.75		$\times 0.075 = 2.81$
	1x	6.00	3.75	3.70	$\times 0.075 = 1.68$
	1x	5.00	3.75	2.40	$\times 0.075 = 1.14$
					$= 103.49 \text{ m}^2$

(2/1) Cont of subgrade &
Earth structure

	2x	30.00	0.625	0.175	$= 45.94 \text{ m}^2$
	1x	6.30	0.625	0.175	$= 0.69$
	1x	17.50	0.625	0.175	$= 1.91$
	2x	30.00	0.625	0.125	$= 6.56$
	2x	18.50	0.625	0.175	$= 4.05$
	1x	11.00	0.625	0.175	$= 1.20$
					$= 60.35 \text{ m}^2$

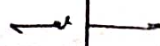
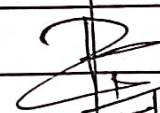
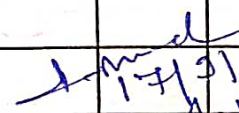
(3/15) Lay-p C/sk done
across the road
300 ft R/W

$$1x 8.00 \text{ m} = 8.00 \text{ m}^2$$

3/15/22
J.S.

1 meet
2/3/22
A.E.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record. Mean 11					
1/8 Construction of Churn for					
C.C. Pavement 11.30					
at — CA					
for Barrow towards S.H. 28					
CH 00 = 349.20 M (Up to Hospital)					
1 x 10.65 x 2.90 + 3.75 x 0.160					5.20 M ²
1 x 7.35 x 4.40 + 3.75 x 0.160					4.56 "
1 x 11.40 x 3.75 + 0.160					6.60 3.09 "
6 x 30.40 x 3.75 + 0.160					108.00
1 x 16.50 x 3.75 + 0.160					9.90
1 x 6.20 x 4.55 + 3.80 + 0.160					4.14
1 x 15.50 x 3.40 + 3.75 + 0.160					8.87
1 x 3.50 x 5.30 + 5.45 + 0.160					3.01
1 x 2.80 x 3.85 + 5.30 + 0.160					2.05
1 x 10.20 x 7.85 + 0.160					12.81
1 x 9.40 x 3.75 + 6.40 + 0.160					7.02
1 x 17.50 x 3.75 + 3.90 + 0.160					10.71
1 x 5.50 x 4.10 + 4.30 + 0.160					3.70
1 x 11.40 x 4.30 + 3.75 + 0.160					7.08
1 x 13.40 x 3.75 + 4.80 + 0.160					8.89
1 x 9.40 x 4.80 + 3.75 + 0.160					6.16
1 x 10.40 x 3.75 + 0.160					6.00
1 x 6.40 x 3.75 + 3.70 + 0.160					3.58
1 x 5.40 x 3.70 + 2.40 + 0.160					2.44
					= 220.71 M ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2/4) Road Marking with hot applied thermph. Capul. 					
m/	2x11x30.40x0.10				66.00m ²
	2x1x19.70x0.10				3.94m ²
					= 69.94m ²
<u>Traffic signs</u>					
(3/12) 600 mm Circular sign					
		Total.		1 No	
(4/12) 900 mm equilateral sign					
		Total.		1 No	
(5/12) 600x450mm Rectangular sign					
		Total.		1 No	
6/ Directional & Place sign Just Board					
(6/9) 170-IP KM Stone					
		Total		1 No	
(7/10) 200mm. Stone					
		Total.		1 No	
 15/9/2022 DE  17/9/22 A.B					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1st	A/C	Bill		
N/work - Constn & 5 year Maintenance of road Borani Bazar se SH-28, Padna, Masaurhi Road in Bhongu					
N/Agency: - Manish Ranjan					
Agreement No - 01/ SBD/2020-21					
Start - date - 18/2/21					
Intended dt of Comp -					
Date of Meas - 15/7/22					
Further Meas -					

25/9/22	27/9/22
1st A/C Bill	
ABSTRACT OF COST.	
(1) Work of Bench Mark & sett. Price - do	
$Q_1 = 0.367 \text{ km} (P-1, 9+1/2)$	
$\text{① } 11284 = 30/\text{km} - \text{₹ } 41412$	
(2) Clearing & grubbing - do	
$Q_2 = 0.079 \text{ Hect} (P-1, 9+2/2)$	
$\text{② } 52970 = 33/\text{Hect} - \text{₹ } 4185 = 10$	
(3) Construction of E.L.H. - do	
with 1 room, 1200 - do	
$Q_3 = 951.00 \text{ M}^3 (P-2, 9+4/3)$	
$\text{③ } 190557 = 1/\text{M}^3$	
Continuation	₹ 181232 =
	189558 =

0382 1295182

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4/4) Const of Sub grade & sub grade					
= 60.35 M ³ (P-5, H 2/4)					
(Q) 190 = 01/M ³					2 114642
(5/5) Sand fill in sub grade					
do do do					
= 199.89 M ³ (P-3, H 1/5)					
(Q) 1953 = 02/M ³					2 3903892
(6/6) Const of 4.83 G.I. pipe					
do do do					
Q/L = 137.89 M ³ (P-4, H 2/6)					
(Q) 2515 = 29/M ³					2 3468330
(7/7) Const of 4.83 G.I. pipe					
do do do					
= 103.49 M ³ (P-5, H 1/7)					
(Q) 3116 = 09/M ³					2 3224842
(8/8) Const of 1.80 m. trench					
C.C. Paved M. 30					
do do do					
= 220.41 M ³ (P-6, H 1/8)					
(Q) 6280 = 43/M ³					2 13861542
(9/9) 1.80 m. stone					
= 120 (P-7, H 6/9)					
(Q) 2103 = 94 each					2 21042
(10/10) 2.00 m. stone (Recut)					
= 120 (P-7, H 7/10)					
(Q) 587 = 65 each					2 5882
					2 26495772

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11/11) 600 mm Circular sign					
= 1 No (P-2, Pt 2/11)					
① 4615 = 14 each				— 2	4615 =
(12/12) 900 mm equal sign					
= 1 No (P-2, Pt 4/12)					
① 5098 = 32 each				— 2	5098 =
(13/13) 600 x 450 mm Rect sign					
= 1 No (P-2, Pt 5/13)					
① 4489 = 76 each				— 2	4490 =
(14/14) Road Marking with hot applied thermoplastic					
Cut & — — —					
= 69.94 M ² (P-2, Pt 2/14)					
① 721 = 95 M ²				— 2	50493 =
(15/15) Lay up steel sheet pipe					
300 D — — —					
= 8.00 M (P-5, Pt 3/15)					
① 838 = 09/M				— 2	6705 =
(16/16) MM GSY Borated Insulation					
Board with gaps — — —					
= 2 Nos (P-2, Pt 3/16)					
① 9447 = 53 each				— 2	18894 =
					2739874 =
Add. Lab Cons 1%				— 2	27399 =
Add. G.I.T 12%				— 2	328785 =
				2	3094058 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BP	2	3094058
<u>Adopt. Slip Fee.</u>					
(i) Earth Qty.					
= 1011.35 m ³ @ 23.48 m ³					23.48 m ³
(ii) Coarse Sand.					
= 199.89 m ³ @ 17.58 m ³					17.58 m ³
(iii) GSB Grt					
= 137.89 m ³ @ 55.58 m ³					55.58 m ³
(iv) WBM. GSB					
= 103.49 m ³ @ 71.43 m ³					71.43 m ³
(v) C/P-M. 36					
= 220.71 m ³ @ 60.29 m ³					60.29 m ³
					23.48 m ³ 17.58 m ³ 55.58 m ³ 71.43 m ³ 60.29 m ³

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Material Statement

(i) Earth - Qty		1103.35 m ³
(ii) Stone Mixed (GSB + WBM)		257.59 m ³
(iii) Coarse Sand		124.32 m ³
(iv) Stone Screening		24.84 m ³
(v) Stone Chips		198.64 m ³

Continuation

Quantity of material has not been submitted by contractor.

Amended
27/9/22
A-2