

Sri Rana RanBIR SINGH

Ag No-54 (SBD)/ 2020-21

Name of Road - PHENSY HARNI TO -
AHRADIH.

Head - PHENSY (SC)

Measurement Book

Schedule XLV-Form No. 134

MB-2710

ROAD JAMUI -

DIVISION

ROAD KHATRA -

SUB-DIVISION

Name of Work -

Situation of work -

Agency by which work is executed -

Date of measurement -

Date 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:- Construction of Road from					
PMGSY Harni Road to AHRAPIH - L-4.8KM					
Agreement No - 51 (SBD) / 2020-21					
Agency - Rana Rimbir Singh, AT-Ghash					
Manjash, P.S - Sikandra, Dist - Damoh					
Date of commencement - 22-08-2020					
Date of completion - 21-08-2022					
Ag. construction cost - 2,58,46,214.20					
Ag. maintenance cost - 40,75,278.00					
2,99,21,492.20					

Date of Record Measurement -

Description of Item

① providing & fixing of working bench mark Pillar & reference

Pillar - do - do - all complete

50b. 2250 M

730 M

1000 M

820 M

4800 M

= 4.80 KM

② clearing and grubbing Road

Land including uprooting wild

Vegetation, grass, bushes, shrubs

Saplings and tree of gists

upto 300M - do - do - all

complete job

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ construction of embankment					
with material obtained from					
borrow pits with a lift upto					
1.5M - do - do - all complete					
job					
S/No	Ch:	Area	Mean Area	Distance	Volume (M ³)
1	0	0.190	—	—	—
2	100	0.150	0.170	100	17.00 m ³
3	200	0.160	0.155	100	15.50 m ³
4	300	0.140	0.150	100	15.00 m ³
5	400	0.100	0.120	100	12.00 m ³
6	500	0.200	0.150	100	15.00 m ³
7	600	0.130	0.165	100	16.50 m ³
8	700	0.720	0.425	100	42.50 m ³
9	800	1.050	0.885	100	88.50 m ³
10	900	0.750	0.900	100	90.00 m ³
11	1000	0.720	0.735	100	73.50 m ³
12	1100	0.810	0.765	100	76.50 m ³
13	1200	0.580	0.695	100	69.50 m ³
14	1300	0.550	0.565	100	56.50 m ³
15	1400	0.660	0.605	100	60.50 m ³
16	1500	0.690	0.675	100	67.50 m ³
17	1600	0.720	0.705	100	70.50 m ³
18	1700	0.810	0.765	100	76.50 m ³
19	1800	0.800	0.805	100	80.50 m ³
20	1900	0.890	0.845	100	84.50 m ³
21	2000	0.820	0.855	100	85.50 m ³
22	2100	0.650	0.735	100	72.50 m ³
23	2200	0.980	0.815	100	81.50 m ³
24	2250	0.710	0.845	50	84.50 m ³

Continuation

(17) - 1310.75 M³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Part (2)					
1	0	0.850	0.00	0	0
2	100	0.620	0.735	100	73.50 M ³
3	200	0.720	0.670	100	67.80 M ³
4	300	0.150	0.435	100	43.50 M ³
5	400	0.130	0.140	100	14.00 M ³
6	500	0.180	0.155	100	15.50 M ³
7	600	0.140	0.160	100	16.00 M ³
8	700	0.150	0.145	100	14.50 M ³
9	730	0.170	0.160	30	4.80 M ³
				(B) -	248.80 M ³
Part (3)					
1	0	0.60	0.00	0	0.00
2	100	0.660	0.630	100	63.00 M ³
3	200	0.630	0.645	100	64.50 M ³
4	300	0.530	0.580	100	58.00 M ³
5	400	0.480	0.505	100	50.50 M ³
6	500	0.460	0.470	100	47.00 M ³
7	600	0.580	0.520	100	52.00 M ³
8	700	0.650	0.615	100	61.50 M ³
9	800	0.130	0.390	100	39.00 M ³
10	900	0.120	0.125	100	12.50 M ³
11	1000	0.140	0.130	100	13.00 M ³
				(C)	461.00 M ³
Total (A) + (B) + (C) = 1310.75 + 248.80 + 461.00					
= 2020.55 M ³					
(3A)	For 1000 M lead = 202.00 M ³				
(3B)	For 100 M lead = 1818.55 M ³				

Ch. XLV-Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
① Providing & fixing of working bench Mark & reference A/cion					
Qty vide Part No ① in TMB					
16mm No ①					
4.80 KM					
@ B 32726 = 52/KM					
B 1,57,087 = 00					
② Cleaning and grubbing Road Land					
Qty vide Part No ② in TMB					
16mm No ②					
1.5295 Hrs					
@ B 5133 = 16/Hrs					
R 78,184 = 00					
③ Construction of embankment with approved material - do					
- do all complete job for 100m					
Qty vide Part No ③ in TMB					
16mm No 3(a)					
202.00 M ³					
@ B 215 = 90/M ³					
B					
@ R 5-175 = 22/M ³					
B 35,394 = 00					
④ For 100 M lead					
Qty vide Part No ④ in TMB					
16mm No 3(b)					
1818.55 M ³					
@ B 135 = 12/M ³					
B 2,45,722 = 00					
R 5,16,387 = 00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BIF Rs. 516387=
⑤ construction of subgravel separation shoulder di-d -all complete job					
					Qty vide Page No ⑦ in TMB
					item No ⑤
					5903.10 MB
⑥ B-176=86/MB					B 10,44,022=
⑥ ⑦ HC construction of C.S.B Cr 2 - do - all complete job					
					Qty vide Page No ⑥ in TMB
					item No ④ 2636.93 MB
⑥ B 1592=90/MB					B 42,00,366=
⑦ 33 providing fixing of MMBSY logo information Sign Board					
					Qty vide Page No ⑦ in TMB
					item No ⑥
					2/MB
⑥ B 9321=03/MB					B 18,642=
⑧ 34 Blw in excavation for foundations in 5m					
					Qty vide Page No ⑦ in TMB
					item No ⑦ 238.39 MB
⑥ B 294=73/MB					B 70261=
					B 58,49,678=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F R	58,49,678.20	
(9/35) Providing Mix p.c.c as levels					
Course in foundation					
Qty vide Page No ⑦ in TMA					
Item No ⑧					
		36.78 MB			
@ R 4847 = 58 MB				B	1,78,294.20
(10/36) Providing Plain R.C.C					
M20 in Substructure - do all					
complete job					
Qty vide Page No ⑧ in TMA					
Item No ⑨					
		285.60 MB			
@ B 5986 = 14 MB				B	17,10,200.00
(11/37) Dig and laying R.C.C Pipe					
NP3 for Culvert - do do					
all complete job					
Qty vide Page No ⑧ in TMA					
Item No ⑩					
		60.00 MB			
@ B 3392 = 15 MB				B	2,03,529.20
				R	79,41,621.20
Add C.S.T - 12 x ④ B.					9,52,995.00
Add L.C.S.S - 14. ④ B.					79,41,620.00
				B	89,74,032.20
Less - 10% as per Agreement				B	8,97,403.20
Calc				B	80,76,629.20
15/03/2021					
S.E.					

Continuation