

N/Scheme: - Construction & 5 yrs Maintenance of Road from
Daulatpur Pkrisy Road to Kamgaah In
Shamawa Block.

Schedule XLV-Form No. 134

N/Contract: - Lal Bihari Pasae).

DIVISION

Ag no no: - 02/SBD/2020-21.

SUB-DIVISION

Measurement Book

1153

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.	
N/Work:-	Construction & 5 years maintenance of road from Daulatpur PMGSY Road to Ramgarh in Dhanowar Block				
N/Contractor:-	Sri Lal Bihari Prasad.				
	Addl- Vill- Pakari, Po- Bhaiswan				
	Distt. Patna				
Agmt No —	02/SIBD/2020-21				

Accepted Rate - 4.00% below

Agreement Value - 17528726.00

Start dt - 27/2/2020

Int. dt of Comp - 26/2/2021

Work done

(1) Const of reference & working Bench Mark.

$$1 \times 2.358 \text{ km} = 2.358 \text{ km}$$

(2/2) Clearing & grubbing road land. — — —

$$13 \times 30.00 \times 7.00 (\text{sqm}) = 2730.00 \text{ m}^2$$

$$1 \times 18.00 \times 7.00 (\text{sqm}) = 126.00 \text{ m}^2$$

$$65 \times 30.00 \times 7.00 (\text{sqm}) = 13650.00 \text{ m}^2$$

$$= 16506.00 \text{ m}^2$$

Continuation

$$\text{Or } 16506.00 / 10000 = 16506 \text{ Hect}$$

02/6/20
JE

① Construction of Embankment with material all from borrow pits -

S.No	CH	Fill Area C/S	Mean (Area)	Distance	Fill Volume
	<u>(M)</u>	<u>(M²)</u>	<u>(M²)</u>	<u>M.</u>	<u>CUM.</u>
①	00	0.13	—	—	—
②	25	0.37	0.25	25	6.250
③	50	0.468	0.419	25	10.475
④	75	0.446	0.457	25	11.425
⑤	100	0.317	0.382	25	9.538
⑥	125	0.375	0.346	25	8.65
⑦	150	0.359	0.367	25	9.175

Continuation

Sch. XLV-Form No. 134

	Particulars	Details of actual measurement				Content of area
		No.	L.	B.	D.	
8	175	1.068	0.714		17.838	
9	200	0.00	0.534	25	13.350	
10	225	0.004	0.002	25	0.050	
11	250	0.028	0.016	25	0.400	
12	275	0.016	0.022	25	0.550	
13	300	1.363	0.690	25	17.238	
14	325	1.563	1.463	25	36.575	
15	350	1.612	1.588	25	39.688	
16	375	1.467	1.540	25	38.488	
17	400	1.626	1.547	25	38.663	
18	425	1.501	1.584	25	39.088	
19	450	1.602	1.552	25	38.788	
20	475	1.694	1.648	25	41.200	
21	500	1.67	1.682	25	42.050	
22	525	1.496	1.583	25	39.575	
23	550	1.735	1.616	25	40.388	
24	575	1.669	1.702	25	42.550	
25	600	1.663	1.666	25	41.650	
26	625	1.758	1.711	25	42.763	
27	650	1.632	1.695	25	42.375	
28	675	1.433	1.533	25	38.313	
29	700	1.694	1.564	25	39.088	
30	725	1.476	1.585	25	39.625	
31	750	1.525	1.501	25	37.513	
32	775	1.539	1.542	25	38.550	
33	800	1.593	1.576	25	39.400	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
34 825	1.592	1.593	25	39.813	
35 850	1.681	1.637	25	40.913	
36 875	1.505	1.593	25	39.825	
37 900	1.445	1.475	25	36.875	
38 925	1.682	1.564	25	39.088	
39 950	1.507	1.595	25	39.868	
40 975	1.176	1.342	25	33.538	
41 1000	1.599	1.388	25	34.688	
42 1025	1.713	1.656	25	41.40	
43 1050	1.761	1.737	25	43.425	
44 1075	1.501	1.631	25	40.775	
45 1100	1.503	1.502	25	37.550	
46 1125	1.497	1.500	25	37.500	
47 1150	1.343	1.420	25	35.500	
48 1175	1.382	1.363	25	34.063	
49 1200	1.546	1.464	25	36.600	
50 1225	1.509	1.528	25	38.188	
51 1250	1.32	1.415	25	35.363	
52 1275	2.469	1.895	25	47.363	
53 1300	1.597	2.033	25	50.825	
54 1325	2.781	2.189	25	54.725	
55 1350	2.609	2.695	25	67.375	
56 1375	2.826	2.718	25	67.938	
57 1400	1.527	2.177	25	54.413	
58 1425	2.767	2.147	25	59.675	
59 1450	2.912	2.840	25	70.988	
60 1475	1.625	Continuation 2.269	25	56.713	

Continued.

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Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
61 1500	2.659	2.142	25	53.550	
62 1525	1.713	2.186	25	54.650	
63 1550	1.62	1.667	25	41.663	
64 1575	1.572	1.596	25	39.960	
65 1600	2.992	2.282	25	57.050	
66 1625	2.811	2.902	25	72.538	
67 1650	2.583	2.697	25	67.425	
68 1675	1.323	1.953	25	48.825	
69 1700	1.127	1.225	25	30.625	
70 1725	2.692	1.910	25	47.738	
71 1750	1.614	2.153	25	53.825	
72 1775	1.571	1.593	25	39.813	
73 1800	2.772	2.172	25	54.288	
74 1825	2.891	2.832	25	70.788	
75 1850	2.66	2.776	25	69.388	
76 1875	2.585	2.623	25	65.563	
77 1900	2.769	2.677	25	66.925	
78 1925	2.898	2.834	25	70.838	
79 1950	2.977	2.938	25	73.438	
80 1975	2.656	2.817	25	70.413	
81 2000	2.667	2.662	25	66.538	
82 2025	2.63	2.649	25	66.213	
83 2050	2.45	2.540	25	63.500	
84 2075	2.507	2.479	25	61.963	
85 2100	3.912	3.210	25	80.238	

Continuation

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	Particulars	Details of actual measurement				Contents of area
		No.	L.	B.	D.	
86	2125	3.829	3.871	25	96.763	
87	2150	3.541	3.685	25	92.125	
88	2175	3.609	3.575	25	89.375	
89	2200	3.961	3.785	25	94.625	
90	2225	3.972	3.967	25	99.163	
91	2250	3.773	3.873	25	96.813	

Total Embankment = 4166.789 m³

(A) 20% Qty obtained up to level 1000 Mb

$$4166.789 \times 20/100 = 833.358 \text{ m}^3$$

(B) 80% Qty obtained from level up to 100 Mb

$$4166.789 \times 80/100 = 3333.439 \text{ m}^3$$

Signature
5/9/20
HE

Signature
10/9/20
A.E

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1) Construction of reference Pillar & working B. Mark					
= 2.358 KM (Q/4 P/1 Sh 1/1)					
@ 15786 = 15/KM ————					₹ 37,224=0
(2) Clearing & grubbing road land — do — do — — E/9					
= 1.6506 Hact (P/1 Sh 2/2)					
Limit to 1.65 Hact					
@ 55727 = 05/Hact ————					₹ 91,933=00
(3/3) Construction of Embankment material obtained upto					
1000 M. length. — — — — E/9					
= 833.35 M ³ (Q/4 TM/3 P/6, Sh 1) Mark (A)					
@ 216 = 55/M ³ ————					₹ 1,80,482=0
(4/4) Construction of Embankment length 100 M to — do — do					
= 3333.437 M ³ (P/6, Sh 1) Mark (B)					
@ 167 = 93/M ³ ————					₹ 5,59,784=0
(5) Construction of Sub. grade. — do — do — — — — E/9					
4405.57 M ³ (Q/4 P/8, Sh 1/5)					
@ 216 = 55/M ³ ————					₹ 9,54,026=0
(6/6) Construction of GSB Soil — do. — do — — — — E/9					
= 1548.25 M ³ (Q/4 P/9, Sh 1/6)					

@ 2628 = 33/M³ Continuation

————— ₹ 4,06,9312=0

₹ 58,92,741=0

