

N/Scheme: — Jamnan Bigaha se Bare Bigaha Dabrai
— Road Length - 0.300 In Dhanaua Block

Measurement Book

Schedule XLV-Form No. 134

M/cont: — Kanaudi Construction At the

Agno: — 19/SBD/2020-21

DIVISION

सहायक अभि.: — चतरडा

SUB-DIVISION

MB NO: — 1194

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4A) PNR Ramp Typical MMSX Logo Informatory Board					
do	do				
	Logo Board	-	-	-	1 No
	Citizen Informatory				1 No
					= 2 Nos

(5) Construction Embankment with material obtained from Borrow pits					
do					

As per Graph Calculo method

Change	C/S m ²	Mean C/S	dist ² M	Fillet Volume
00	1.84	-	-	-
25	1.54	1.69	25	42.250
50	2.10	1.82	25	45.500
75	2.14	2.12	25	53.00
100	2.22	2.18	25	51.500
125	2.54	2.38	25	59.500
150	2.45	2.495	25	62.375
175	2.60	2.525	25	63.125 58.625
200	1.85	2.225	25	55.625 43.425
208	1.52	1.685	08	13.48
	E/W in Emb H = 449.255 m ³			
	less 20% for Slope Correction (-) 88.851 "			
	= 360.406 m ³			
	or 360.41 m ³			

(A) 85% Rly with land 100 Mtr

$$= 360.41 \times 85\% = 306.35 \text{ m}^3$$

(B) 15% Rly with land 100 Mtr

$$= 360.41 \times 15\% = 54.06 \text{ m}^3$$

Continuation

17/11/2020
JEAmd
28/11/20
A.B.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>Record of measurement</u>				
(4) Construction of G.S.D. G.S.					
	— do —	— do —	—	— do —	
	CH: 00 — 100 M. B.T. Pent				
Side of 4p.	2x1x	25.00x	0.525x	0.10 =	2.63 m ³
	2x1x	25.00x	0.525x	0.10 =	2.630 "
On full width	2x	25.00	4.05x	0.10 =	20.25 "
"	2x	25.00	4.05	0.20 =	40.50 "
	<u>Profile Correction of G.S.D.</u>				
	5x	1.85x	1.25x	0.10 =	1.16 "
	3x	2.75x	1.00x	0.10 =	0.83
	2x	10.00	0.75	0.10 =	1.50
	5x	1.75x	1.00x	0.10 =	0.88
	CH: 100 — 208 M. C.C. Pent				
Insecte.	1x3x	30.00	0.375x	0.10 =	3.38
"	1x1x	18.00x	0.375x	0.10 =	0.68
	1x2x	30.00x	0.450x	0.10 =	2.70
	1x1x	30.00x	0.375	0.10 =	1.13
	1x1x	18.00	0.375x	0.10 =	0.68
	<u>In Profile Correction - C.C. Pent.</u>				
	1x	10.00	0.375	0.10 =	0.38
	4x	2.00	0.50x	0.10 =	0.40
	1x	15.00	1.25x	0.10 =	1.88
	3x	1.50x	0.75x	0.10 =	0.34
	5x	0.375x	1.50x	0.10 =	0.28
	CH: 208 to 302 m.				
	<u>Profile Correction -</u>				
	3x	0.75x	0.25	0.10 =	0.11

= 82.34 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	5x	1.00	0.50	0.10	= 0.25
	1x	1.00	0.25	0.10	= 0.49
	10x	2.50	0.25	0.10	= 0.63
	2x	0.50x	0.50	0.10	= 0.05
	9x	6.00x	1.85	0.10	= 1.00
	14	5.00x	2.00x	0.10	= 1.25
	1x	6.75x	3.00x	0.10	= 2.03
					$Q_h = 87.55 \text{ m}^3$
5/11/2021 5/11/21					

Revised Meas 8/2/2021

(10+15)

Construction W.B.M. G.3

— do — do Exp. — Exp.

(A) BT. PART CO. -100M

1x 10.00x 5.00 + 3.75 x 0.075 = 3.28 M³

3x 30.00x 3.75 x 0.075 = 95.31

(B) C.E.P. Part CH. 100 - 208M

~~1x 13.00x 3.75 + 3.00 x 0.075~~~~1x 13.00x 3.00 + 2.50 x 0.075~~~~1x 13.00x 9.70 (m) x 0.075~~

13x 15.00x 3.75 0.075 = 12.66

Curve 1x 12.00x 3.75 + 4.75 x 0.075 = 3.80

1x 9.00x 4.70 + 4.15 x 0.075 = 2.99

Curve 1x 11.00x 4.15 + 6.60 x 0.075 = 4.43

52.47 M³

Continuation

4/2

(Y/16) Construction of Un-reinforced Cement

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1/1) Constn of working working Bench mark					
= 0.208 km (P/2, H 1/1)					
@ 3807 = 62/km					₹ 792.00
(2/2) Set point difference from do do					
= 0.208 km (P/2 H 4/2)					
@ 1740 = 92/km					₹ 362.00
(3/5) Const of Kerb with lead up to 100m					
= 306.35 m ³ (P/3, H-5, Mark A)					
@ 190 = 57/m ³					₹ 58,221.00
(4/6) Constn of Kerb with lead - 100 m do do					
= 54.06 m ³ (P/3, H-5, Mark B)					
@ 153 = 66/m ³					₹ 8307.00
(5/3) Clearing & grading of road land do do					
= 0.09 HOD (P/2, H 3/3)					
@ 52970 = 33/km					₹ 4,767.00
(6/7) Construction of sub. grade & Earths shoulder do do					
= 135.00 m ³ (P/4, H 1/4)					
@ 192 = 25/m ³					₹ 2595.00
					₹ 98,563.00

8/9+14

Continuation
$$2 \quad 13,30,033 = 4$$

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F ₹	13,30,033
(12/33) Adelp 1% Lab. Cen			- -	(+)	13,300 = W
(13/34) Adelp 12% G.S.T			- -	(+)	159604 = W
(14/35) Adelp. Seign. Fee.					
(I) Earthwork = 495.41 m ³					
① 3.481/m ³ - ₹					1725 = W
(II) G.S.B. Grd = 87.55 m ³					
② 55.581/m ³ - ₹					4866 = W
(III) W.D.M. Grd = 61.80 m ³					
③ 71.430/m ³ - ₹					4414 = W
(IV) Coarse Sand = 38.75 m ³					
④ 12.096/m ³ - - ₹					469 = W
					₹ 11,474 = W
					₹ 11,474 = W

Total Payable — ₹ 15,14,411 = W

(V) C.C. Pavt. M30 = 117.45 m³

⑤ 60.290/m³ - ₹ 7081 = W
₹ 18,855 = (A) ₹ 18,855 =

Payable — ₹ 15,21,792 = W

24/2/2021
A.E.

24/2/21
A.E.

Material Statement

(I) E/W in Road - - = 495.41 m³

(II) Stone Meloid (G.S.B. + G.S.T) - - = 158.83 m³

(III) Coarse Sand - - - = 120.86 m³
67.51 m³

(IV) Stone chips - - - = 105.71 m³

24/2/2021
A.E.

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