

21.11.1951

Mahadev Astharam To
Shedule XLV Form No. 134.
Kasimg Chindla Road

Subdvisions of Kasimg Chindla Road DIVISION
21/11/51

Kasimg Chindla Road SUB-DIVISION
21/11/51

Measurement Book 663

21/11/51 → Mahadev Astharam To

Name of work - Construction of Road to Mghader
Situation of work - ~~Asikar~~ to Karams Charais Road

Agency by which work is executed - Haryana Irrigation Dept.

Date of measurement - 2/3/2021

No. and date of agreement. 65 SBD/MM639/SL

(These four lines should be repeated at the commencement of the measurements relating to each work.) 2020-21

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
D.O.W. Completion -			11-12	2020	
D.O.W. Completion			10-8	2021	
Reste		17640000			
1. Setting out pillars					
Bench mark pillar				01 No.	
Reference pillar				04 No.	
2. Clearing and leveling soil					
2x 905 x 350 / 10000					0.63 Hec.

3. Box Cutting					
2x 355 x 0.625 x 0.10					44.38 M
4. Construction of curb wall					
60% of 44.38					26.63 M
5. Construction of parapet wall					
with approved material					
S.No.	Ch.	Fill Area	Mean Area	Distance	Pill volume
1	0	0.871	-		
2	50	1.080	0.726	50	36.275
3	100	1.468	1.274	50	63.200
4	150	1.230	1.349	50	67.750
5	200	1.600	1.415	50	79.675
6	250	1.587	1.594	50	117.225
7	300	3.102	2.345	50	123.325
8	350	1.831	2.467	50	70.55

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9	400	1.271	1.551	50	77.55
10	450	1.055	1.163	50	58.15
11	500	1.225	1.490	50	74.500
12	550	1.707	1.816	50	90.800
13	600	1.996	1.852	50	92.525
14	650	1.213	1.604	50	80.225
15	700	1.457	1.33	50	66.60
16	750	0.583	1.017	50	50.85
17	800	0.483	0.533	50	26.65
18	850	0.744	0.613	50	30.675
19	900	0.82	0.782	50	39.100
20	905	0.659	0.76	5	3.798

					1256.7038
	-	74.66	M ³		
6.	Construction of embankment				
Qty	1256.703	-74.66			1192.04 M ³
7.	Constructing 243 grade and earthen shoulder				
	350	x 7.20	x 0.30	-	763.35 M ³
For 100 M/mt					
	30%	x 763.35			229.00 M ³
8.	Constructing 243 grade and earthen shoulder				
	70%	x 763.35			534.34 M ³
9.	Constructing granular sub base with gravel 174.21				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	150	4.05	10.20		121.50
	200	4.05	10.20		162.00
Profile Correction					
	10	0.50	0.90		4.50
	2	0.30	0.40		0.24
St. L	8	0.60	1.080		3.84
	12	0.40	1.060		2.88
	4	1.10	1.040		1.76
Widening	2 x 155	0.625	0.10		19.375
	2 x 200	0.625	0.10		25.00
Earthwork					
	250	3.75	10.10		75.00

Extra work					
	15 x	5.40 + 800 + 3	70	0.10	8.550
			3		424.645M
As less	15 x 3.75	10.10			5.625
					419.02M ²
10 providing laying & spreading					
	WBM	800	3		
East side wing	98 x 2.5				24.50 M ²
Hy	14.10 x 5.00 + 4.30				66.96
	14.30 x 4.30				61.49
	15 x	5.40 + 800 + 3	70		85.75
	30	3.60 + 4.05			114.75
St. L	30 x	4.00 + 3.75			116.25
West side wing	30 x	3.75			112.50
	30	3.75			112.50
Continuation					674.70M ²

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	30	3.90		35.60	694.70m ²
	30	4.40			112.00
	15.10	$\frac{4.50+4.00}{2}$			63.75
	30	$\frac{4.80+5.20+4.9+7.2}{4}$			174.00
			9		
	30	3.75			112.50
		18.70 x 6.60			123.42
	30	$\frac{3.35+3.40+4.70}{3}$			114.50
	30	$\frac{3.75+5.40+3.65+3.75}{4}$			124.125
	3				
	30	$\frac{3.50+5.20}{2}$			138.60

	30	$\frac{3.40+3.30+3.80}{3}$			105.00
	30	$\frac{3.75+3.80}{2}$			113.25
	22.50	$\frac{3.75+5.60}{2}$			105.18
			2		2117.425m ²
	30	3.90			
		2117.425 x 0.075			158.8113
	150	$\frac{3.75+3.80}{2}$	0.075		42.187
	150	$\frac{3.75+3.80}{2}$	0.075		42.187
	450	$\frac{3.75+3.80}{2}$	0.075		142.187
	145	$\frac{3.75+3.80}{2}$	0.075		14.062
					29.53
					257.246
					112

Continuation

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Particulars	Details of actual measurement				Co. of area
	No.	L.	B.	D.	
14 Cement concrete footing					
2/3 15K by 1m					
11cm 11 10 Pave 11 4					2117.495
2117 485 x 0.16					338788
17 Formwork and fixing 120					
2 mm 654. for 120					
2 Nos					
H.P 2 11 x 600 mm dia					
24 E/W excavating for foundation					
for structure					
H/W 2x 2 3.90 1.15 1.50					26.91
2x 1 5.35 1.13 0.285					4.41

					31.32M
25 Formwork 120/5 Pave 12.5 x 5					
2x 2 3.90 1.15 0.15					2.69
2x 1 5.35 1.13 0.25					3.00
					5.69M
26 Pave 120/120 12 246 Structure					
2x 2 3.60 0.40 + 1.00 2.278					28.02
Formwork 2x 2 3.60 0.40 0.60					3.456
					31.476M
Glass for Pave					
2x 0.7852 x 0.837 0.53					1.148
					30.32M
27 Formwork and laying R.C.C. 120/120					
2x 3x 2.50					15.000

Continuation

Kodas
2/2/2021
DES. P. Rao
2/2/21
S. P.

Abstract of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Providing & fixing work					
Bench mark pillar					
1 No CR	3594			①	3594
Reference pillar					
3 No CR	1641.58				4825
2 clearing of land					
0.63 Hec CR	52970.33			①	33371
3. Box cutting					
44.38 No CR	75.57			①	3357
4. Construction of embankment					
42.38				①	
0.63 Hec CR	26.68				710
5. Construction of embankment					
vide MB P				2	
74.66 Hec CR	142.20				10691
6. Construction of embankment					
vide MB P				2	
1182.04 Hec CR	190.36				225012
7. Construction of Subgrade on					
center shoulder					
vide MB P				2	
229.04 Hec CR	192.04				43977
8. Construction of Subgrade on					
center shoulder				2	
534.34 Hec CR	41	15.15			82908
					408542

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9. Construction of gutter					
Sub base	vidu	4.81		3	
41902MB CR		2241.36			939342
10 forming Raining spreading					
W-24 G-2		vidu p.			
257-246MB CR		2907.79			748017
11 Cement concrete pavement					
41MB		P	5		
338788MB		CR	5838.70		1978081
12 forming and laying 1:2:4					
M-10 G-1		force	5		
2MB CR		4461.52			189310
24 E/W excavation for P.d. etc.					
vidu MB P				5	
31-32MB CR		279.05			8741
25 forming M/S P.d. (1:2:5-07)					
in P.d. etc.		vidu MB	5		
5-65MB CR		4522.77			25735
26 Paving/Roe in Sub Stone					
vidu MB		P	5		
30-32MB CR		5245.12			159033
27 forming and laying R.R. Pipe					
N P-3		vidu MB	P	5	
15-00 MB CR		2110.68			31660
				R	4318082
(+/-) Add 10 + 107		Gst. LC & S. etc.			792159

Continuation

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31/4
JE

P.T.O

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