

6048 to kenhi to a 3054-HLR

Measurement Book

Schedule XLV-Form No. 134

Arrest

DIVISION

Harslihi

SUB-DIVISION

Rudra entafni

1st & 4th to 2nd Bldg

1
Name of Work- L48 to Kanhi tollg
Situation of Work- (P. M. S. Y.)
Agency by which work is executed- R/S Rudhira Const.
Date of Measurement-
No. and date of agreement 04 MBO/20-24

(These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement	Contents of area
① Chasing & grubbing of R/S area - 29.		
	2 x 10 x 10 x 16.00 x 1.00 = 3200.00	
		2 x 0.32 H
② Br's mantling of existing structure - 9		
	2 x 6.15m x 0.6m x 0.90 = 5.94	
		1/4" = 5.76
③ Laid up of R/S		
Details of R/S for 0.00		

8 x 0.90 x 0.60 x 0.15 = 0.65	
9 x 1.00 x 0.30 x 0.15 = 0.41	
7 x 1.30 x 0.50 x 0.15 = 0.68	
10 x 2.00 x 0.40 x 0.15 = 1.20	
8 x 1.90 x 0.90 x 0.15 = 2.05	
7 x 1.60 x 0.20 x 0.15 = 0.39	
10 x 1.70 x 0.50 x 0.15 = 1.58	
8 x 1.40 x 0.90 x 0.15 = 1.76	
7 x 1.50 x 0.90 x 0.15 = 1.26	
8 x 1.20 x 0.70 x 0.15 = 1.18	
9 x 0.90 x 1.00 x 0.15 = 1.22	
7 x 1.30 x 0.90 x 0.15 = 1.23	
8 x 1.50 x 0.70 x 0.15 = 1.47	
6 x 1.35 x 0.60 x 0.15 = 0.73	
5 x 1.20 x 0.70 x 0.15 = 0.74	
7 x 1.50 x 0.90 x 0.15 = 1.42	
9 x 2.20 x 0.80 x 0.15 = 2.72	
6 x 2.20 x 0.80 x 0.15 = 1.58	
3 x 1.60 x 1.00 x 0.15 = 0.92	
4 x 1.30 x 1.00 x 0.15 = 1.82	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	8x	1.400	1.190	0.150	1.51
	5x	1.600	1.080	0.125	1.12
	13x	1.700	0.700	0.150	2.32
	9x	1.500	1.500	0.125	2.36
	5x	2.000	0.500	0.150	0.25
	9x	1.400	0.900	0.125	2.69
	5x	1.700	0.400	0.150	0.51
	8x	1.800	0.700	0.125	1.26
	9x	1.900	1.000	0.15	2.57
	10x	2.000	0.900	0.125	3.15
	11x	2.500	0.500	0.150	1.65
	7x	1.900	0.900	0.125	2.09
	9x	1.700	0.400	0.150	0.42
	12x	1.800	0.700	0.125	2.65
	11x	1.900	1.000	0.150	3.14
	7x	2.000	0.900	0.125	2.21
	9x	2.100	0.500	0.150	1.42
	10x	2.200	0.900	0.125	3.47
	11x	2.500	0.500	0.150	
	11x	1.500	0.400	0.125	1.16
	13x	2.200	0.800	0.150	3.43
	12x	2.100	0.800	0.125	3.53
	14x	1.800	0.800	0.150	3.02
	11x	1.900	0.500	0.150	1.57
	13x	1.600	0.600	0.125	2.18
	12x	1.300	1.000	0.150	2.34
	11x	1.500	1.200	0.125	3.47
	13x	1.700	0.800	0.150	2.65
	7x	1.500	0.900	0.125	0.92
	15x	1.800	0.900	0.150	3.65
	12x	2.100	0.700	0.125	3.07
	11x	1.600	0.600	0.150	2.11
	13x	1.400	0.500	0.150	1.54

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	12	1.60	0.90	0.15	2.59
	12	2.30	0.80	0.125	3.86
	14	2.20	0.90	0.15	4.16
	12	1.90	0.60	0.125	2.39
	7	2.00	1.10	0.15	2.31
	9	1.70	1.60	0.125	4.28
	8	1.80	0.50	0.15	1.05
	2	1.50	0.90	0.125	1.65
	5	2.0	0.50	0.15	0.25
				Total	118.82
				Unit	118070
4 From drawing single details of total measurement from 0 on to 1600 mcl					

	8	1.00	0.20	0.025	0.42
	9	1.10	0.40	0.025	0.20
	7	1.40	0.60	0.025	0.44
	9	2.10	0.50	0.025	0.27
	8	2.00	1.00	0.025	1.21
	7	1.70	0.30	0.025	0.27
	9	1.80	0.60	0.025	0.73
	8	1.50	1.00	0.025	0.90
	7	1.60	0.90	0.025	0.76
	8	1.30	0.80	0.025	0.62
	9	1.00	1.10	0.025	0.74
	12	1.40	1.00	0.025	0.74
	8	1.60	0.80	0.025	0.77
	6	1.40	0.20	0.025	0.46
	5	1.30	0.90	0.025	0.39
	7	1.60	1.00	0.025	0.84
	9	2.30	0.30	0.025	1.40
	6	2.30	0.30	0.025	0.93
	3	1.70	1.20	0.025	0.41

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	8+	1.400	1.100	0.025	0.922
	8+	1.500	1.000	0.025	0.902
	5+	1.700	0.900	0.025	0.57
	13+	1.800	0.800	0.025	1.40
	9+	1.600	1.100	0.025	1.19
	5+	2.100	0.600	0.025	0.47
	4+	2.000	1.000	0.025	1.35
	12+	1.200	0.900	0.025	0.97
	10+	1.300	0.800	0.025	0.78
	11+	1.200	0.600	0.025	0.59
	12+	1.100	0.800	0.025	0.79
	13+	1.000	0.700	0.025	0.68
	5+	1.600	0.500	0.025	0.34

	8+	1.900	0.800	0.025	0.91
	9+	2.000	1.100	0.025	1.49
	10+	2.100	1.000	0.025	1.58
	11+	2.100	0.600	0.025	1.04
	7+	2.000	1.000	0.025	1.05
	9+	1.800	0.500	0.025	0.61
	12+	1.900	0.800	0.025	1.37
	11+	2.000	1.100	0.025	1.82
	7+	2.100	1.100	0.025	1.40
	9+	2.200	0.600	0.025	0.89
	10+	2.300	0.900	0.025	1.73
	11+	1.600	0.500	0.025	0.66
	13+	2.300	0.900	0.025	2.02
	12+	2.200	0.900	0.025	1.78
	14+	1.900	0.900	0.025	1.80
	11+	2.000	0.600	0.025	0.99
	13+	1.700	0.700	0.025	1.16
	12+	1.400	1.100	0.025	1.39
	11+	1.600	1.300	0.025	1.23

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	13x	1.800	0.900	0.025	= 1.58
	7x	1.600	0.600	0.025	= 0.50
	15x	1.900	1.000	0.025	= 2.14
	12x	2.200	0.800	0.025	= 1.58
	11x	1.700	0.900	0.025	= 1.26
	13x	1.500	0.600	0.025	= 0.88
	12x	1.300	1.000	0.025	= 1.53
	12x	1.200	1.000	0.025	= 1.08
	13x	1.300	0.900	0.025	= 1.14
	12x	1.100	0.800	0.025	= 0.79
	10x	1.100	1.100	0.025	= 0.91
	11x	1.200	0.900	0.025	= 0.89
	10x	1.100	0.800	0.025	= 0.67

	13x	1.100	0.600	0.025	= 0.64
	11x	1.200	0.500	0.025	= 0.50
	12x	2.400	0.900	0.025	= 1.94
	14x	2.300	1.000	0.025	= 2.42
	12x	2.000	0.700	0.025	= 1.26
	7x	2.100	1.200	0.025	= 1.32
	9x	1.800	1.700	0.025	= 2.02
	8x	1.900	0.600	0.025	= 0.68
	7x	1.600	1.000	0.025	= 0.84
	2x	1.0	1.0	0.025	= 0.152
					75.88m
					75.73m

(5) Finalizing SLM/III-4
 Details of post measurement
 for 0.0m cut to 1600 mat

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	8x	1.050	0.750	0.025	0.472
	9x	1.150	0.450	0.025	0.35
	7x	1.450	0.650	0.025	0.49
	9x	2.150	0.550	0.025	0.802
	8x	2.050	1.050	0.025	1.29
	7x	1.250	0.350	0.025	0.32
	9x	1.850	0.650	0.025	0.81
	8x	1.550	1.050	0.025	0.98
	7x	1.650	0.950	0.025	0.82
	8x	1.350	0.850	0.025	0.69
	9x	1.050	1.150	0.025	0.82
	14x	1.250	1.150	0.025	2.11
	11x	2.450	0.950	0.025	1.92
	14x	2.350	1.050	0.025	2.59
	9x	2.200	0.450	0.025	0.62
	7x	1.450	1.050	0.025	0.80
	8x	1.650	0.850	0.025	0.84
	6x	1.500	1.250	0.025	0.51
	5x	1.350	0.850	0.025	0.43
	7x	1.650	1.050	0.025	0.91
	9x	2.350	0.950	0.025	1.51
	6x	2.350	0.950	0.025	1.00
	3x	1.250	1.250	0.025	0.98
	8x	1.450	1.150	0.025	0.62
	8x	1.550	1.050	0.025	1.53
	5x	1.750	0.950	0.025	1.28
	13x	1.850	0.850	0.025	0.52
	9x	1.650	1.150	0.025	1.45
	5x	2.150	0.650	0.025	1.07
	9x	2.050	1.050	0.025	0.86
	12x	1.250	0.950	0.025	0.62
	10x	1.350	0.850	0.025	0.88
	11x	1.250	0.550	0.025	0.77

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	5x	1.850	1.650	0.025	0.38
	8x	1.950	0.850	0.025	0.94
	9x	2.050	1.150	0.025	1.59
	10x	2.150	1.050	0.025	1.69
	11x	2.150	0.650	0.025	1.15
	7x	2.050	1.050	0.025	1.13
	9x	1.850	0.550	0.025	0.69
	12x	1.450	0.850	0.025	1.49
	11x	2.050	1.150	0.025	1.94
	7x	2.150	1.050	0.025	1.19
	9x	2.250	0.650	0.025	0.95
	10x	2.350	1.050	0.025	1.85
	11x	1.650	0.550	0.025	0.75

	13x	2.250	0.950	0.025	2.18
	12x	2.250	0.950	0.025	1.92
	14x	1.950	0.950	0.025	1.95
	14x	1.950	0.600	0.025	1.20
	11x	1.650	1.150	0.025	1.45
	17x	1.850	0.250	0.025	1.72
	18x	1.950	0.450	0.025	1.03
	14x	1.850	1.200	0.025	2.27
	16x	1.950	0.750	0.025	1.60
	17x	1.650	0.950	0.025	1.84
	20x	1.350	0.850	0.025	1.56
	21x	1.500	1.350	0.025	3.07
	23x	1.650	0.650	0.025	1.66
	29x	1.750	0.950	0.025	3.33
	25x	2.650	1.350	0.025	6.34
	24x	1.950	1.250	0.025	4.10
	11x	2.050	0.650	0.025	1.10
	13x	1.250	0.250	0.025	1.28
	12x	1.450	1.150	0.025	1.50

Continuation

(6) Construction of Subgrade.

$$2 \times 30 \text{ m} + 50 \text{ m} = 110 \text{ m} \times 30 \text{ m} = 3300 \text{ m}^2$$

$$2 \times 2 \times 50 \text{ m} + 0.50 \text{ m} \times 0.50 \text{ m} \times 30 \text{ m} = 300 \text{ m}^2$$

$$7 \text{ m} \times 10 \text{ m} = 70 \text{ m}^2$$

(7) Primer cost

Area for prime oil is $5 \text{ m} \times 10 \text{ m} = 50 \text{ m}^2$

$$110 \text{ m} \times 30 \text{ m} = 3300 \text{ m}^2$$

$$0.025 \text{ m}$$

Continuation

$$110 \text{ m} \times 30 \text{ m} = 3300 \text{ m}^2$$

$$16.50 \text{ m}^2$$

$$110 \text{ m} \times 30 \text{ m} = 3300 \text{ m}^2$$

$$159 \text{ m}^2 \text{ ABT}$$

$$1590 \text{ m}^2 \text{ ABT}$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) Patch work over w.B.M.					
Masonry with Seal					
Area 8m x 1m = 1590.68					
Repair for c/c party					
1 + 15.25 + 2.50m = 38.12m					
Cum = 1628.88					
Limit 1628.56					
(9) Tack work					
Area 8m x 1m = 1628.56					
10 + 50.4 + 3.25m = 1875.6					
10 + 50 + 3.25m = 1875.6					
10 + 50 + 3.25m = 1875.6					
2 + 25 + 3.25m = 1875.6					
Cum = 3425.4 x 4.65m = 3425.4					
(Cum) = 7696.6					
Limit = 7698.56					
(10) Semi Dense Bituminous					
Cemented					
10 + 50.4 + 3.25m = 46.85					
10 + 50.4 + 3.25m = 46.85					
10 + 50.4 + 3.25m = 46.85					
1 + 25.1m + 3.25m = 2.343m					
Cum 3 + 25.1 + 4.65 = 8.71					
Limit 151.68					
Limit 151.51					
(11) Kilaime free stay					
(2) ordinary ka-2m					
(3) 200m stay - 7m					
(12) place identified					
Bow					
Continuation					
4 + 1.2m + 0.8m = 3.84m					

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(13) Rectangular equilateral triangle	60mm				13m
(13) 60mm dia's cul					2 m
(13) 60mm + 45mm					3 m
(14) Boundary pillar					24 m
(15) Supplying of 30mm A 1#					37 3x2.5m = 22.50 m
(16) Rinding Blw'n cul 1:2					2 + 2 + 6m + 0.4m to 6m = 5.26 m
(17) plastering in cul 1:2					60 dia cul A + 6m to 6m = 1.24 m
					Job - 14 2m + 0.4m to 4m = 4.80 m
					found 14 1x4m + 0.4m to 4m = 0.96 m
					full = 20.16 m
					for 4 m 4x20.16 = 80.64 m
(18) painting two coats					down 3m as 1:4 17 = 80.64 m
(19) plantation of tree					75 m
(20) Road marking					2x40 + 40 x 0.10m = 320.00 m
					31/3/21
					02
					31/3/21
					AR