

Tirupathi Balajee Const't.

3054 MR (N.M.R.) 2018

L104 Belagani to Chand Basithur

Schedule XLV-Form No. 134

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E. E. R. W. D

TIRKAR

DIVISION

A. E. R. W. D

9515151

SUB-DIVISION

Tirupathi Balajee Const't.

1077

MEASUREMENT BOOK

प्रमाणित किया जाता है कि इस भाग
उत्पन्न मशीन द्वारा उद्दिष्ट गुणवत्ता
(100) पर है। इस भाग उत्पन्न लक्ष्य
अभिप्राय कि यह सिद्ध है कि यह
प्रमाणित वेलागेंज का निष्कर्ष
जाता है।

05/11/24

कार्यपालक अभियंता
धामीन कार्य विभाग
कार्य प्रमाणित अधिकारी
05/11/24

Schedule XLV—Form No. 134

F. E. R. W. D. TIKARI
DIVISION

A. E. R. W. D. वेलागेंज
SUB-DIVISION

MEASUREMENT BOOK

No. : 1077

Name of Officer _____

Date of First Entry _____

Date of Last Entry _____

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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W- Const ⁿ of road from					
L/04 Belagari to Chand Brijitpur					
Agency:- Tirupati Balajee Const ⁿ					
Pro- Chandra Deep Kr. Singh					
At- Bachchu Singh, Kewari,					
Gaya.					
Agreement NO:- 27 MBD/3054 MR/					
NMR-18/23-24					
Date of Commence:-	15-3-	24			
Date of Completion:-	14-12-	24			
Rate below:- 0.25/- Per Agreement					

Measurement Date					
1) Clearing & Grubbing					
road Land including					
all job - - comp.					
2x	30x	65x	0.75=	29.25=	00
			Ha=	29.25	
				=	5293.11a

08/8/24
J.E

08/8/24
H.E

Measurement Date - 08-8-24					
2) Const ⁿ of Subgrade					
& Earthwork shoulder					
2x	11x	30x0.75x0.50=	24.75		
2x	12x	30x0.75x0.40=	21.60		
2x	1x10	x0.75x0.50=	7.50		
2x	23x30	x0.75x0.55=	445.5		

Continuation
2x 1x10x0.75x0.50= 7.50 m³
= 924.00 m³

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Schedule XLV—Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
			Limit =	922.50 m ²
(a) For 1000 m load @ 80% =				184.50 m ²
(b) For 100 m load @ 80% =				738.00 m ²
				922.50 m ²
09/8/24 J.B				
Date of Measurement - 13-8-24				
(1) Const ⁿ of G.S.B 3				
for providing well graded material.				
0. KM-11	No	L	B	= 7.15 m ²
	2	6.27	0.57	
	1	6.46	0.95	= 6.14
	2	6.08	1.06	= 12.89
	1	7.22	0.98	= 274
	2	6.08	0.57	= 6.93
	3	6.08	0.87	= 15.84
	2	6.84	0.95	= 13.00
	5	4.87	0.76	= 16.61
	1	6.08	0.89	= 5.43
	2	4.94	1.16	= 11.45
	4	7.80	0.66	= 18.72
	6	6.26	1.00	= 37.20
	3	7.40	1.12	= 24.86
	1	4.06	0.40	= 1.60
	7	5.20	0.66	= 21.84
	4	7.80	0.92	= 28.70
	3	7.00	1.00	= 21.00
	5	5.40	0.80	= 21.60
	5	7.60	0.94	= 35.72
	6	7.00	1.22	= 51.24
1-2	3	8.80	0.60	= 15.84
Continuation				
				376.65 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	4	9.60	1.08		38.40 m ²
	1	9.00	1.12		10.08 "
	3	13.80	0.40		16.56 "
	4	6.80	0.60		16.32 "
	5	8.80	0.92		17.48 "
	6	5.40	1.00		92.40 "
	4	5.60	0.80		17.92 "
	5	13.60	0.94		63.92 "
	3	12.40	1.22		45.38 "
	2	7.00	1.12		15.68 "
	6	5.88	1.40		49.39 "
	4	3.92	1.57		24.59 "
	5	11.48	0.56		32.14 "
	2	4.76	0.84		8.00 "
	4	4.48	1.29		23.08 "
	5	9.80	1.40		68.60 "

4	10.36	1.12	46.41
1	18.76	1.32	24.69
2	15.96	1.71	54.52
			928.21 m ²
			982.21
			982.21 m ²
			171.8867 m ³
			171.8867
			171.8867 m ³

13/8/24
J.E

14/8/24
M.E

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Schedule XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>Measurement Date</u> - 15-8-24				
(1) <u>Water Bound Macadam</u>					
with stone Screening					
Gir-II (WBM)					
of					
at	2	6.30	0.60	=	7.56 m ²
	1	6.50	1.00	=	6.50 "
	2	6.10	1.10	=	13.42 "
	1	7.25	0.40	=	2.88 "
	2	6.15	0.60	=	7.32 "
	3	6.10	0.90	=	16.47 "
	2	6.80	1.00	=	13.60 "
	5	4.40	0.80	=	17.60 "
	1	6.10	0.90	=	5.49 "
	2	4.90	1.20	=	11.76 "
	4	9.40	0.70	=	26.32 "
	6	7.40	1.20	=	53.28 "
	3	8.90	1.30	=	23.71 "
	1	4.80	0.50	=	2.40 "
	7	6.20	0.70	=	30.36 "
	4	9.40	1.10	=	41.36 "
	3	8.40	1.20	=	30.24 "
	5	6.50	1.00	=	32.50 "
	5	9.10	1.10	=	50.05 "
	6	8.40	1.50	=	75.60 "
1-2 km	3	8.80	0.60	=	15.84 "
	4	9.60	1.00	=	38.40 "
	1	9.05	1.10	=	9.90 "
	3	13.80	0.40	=	16.56 "
	4	6.80	0.60	=	16.32 "
	5	3.80	0.90	=	17.10 "
	6	5.40	1.00	=	32.40 "
	4	5.60	0.80	=	17.92 "
	5	13.60	0.90	=	61.20 "
	3	12.40	0.20	=	44.64 "

Continuation

749.72 m²

Schedule XLV—Form No. 134 B.F - 749.72 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	7.00	1.10	=	15.40 m ²
	6	5.90	1.40	=	49.56 "
	4	8.90	1.60	=	24.96 "
	5	11.50	0.60	=	34.50 "
	2	4.80	0.80	=	7.68 "
	4	4.50	1.30	=	23.40 "
	5	9.80	1.40	=	68.60 "
	4	10.40	1.10	=	45.46 "
	1	18.80	1.30	=	24.44 "
	2	16.00	1.70	=	54.40 "
					1098.42 m ²
					1098.42 m ² × 0.075 m = 82.3815 m ³
					= 82.382 m ³

15/8/24
J.E

16/8/24
K

Measurement Date - 21-8-24

(1)	Gr - 111				
0-1 km	2	9.90	0.90	=	17.82 m ²
	1	10.20	1.50	=	15.30 "
	2	9.60	1.68	=	32.26 "
	1	11.40	0.60	=	6.84 "
	2	13.80	0.90	=	24.84 "
	3	9.30	1.38	=	38.50 "
	2	10.80	1.50	=	32.40 "
	5	6.90	1.20	=	41.40 "
	1	9.60	1.41	=	13.54 "
	2	7.80	1.83	=	28.55 "
	4	11.70	0.90	=	42.12 "
	6	9.30	1.50	=	83.70 "
	3	11.10	1.68	=	55.94 "
	1	6.00	0.60	=	3.60 "
	7	5.20	0.90	=	32.76 "

Continuation

469.56 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	4	7.80	1.38		= 43.06 m ²
	3	7.00	1.50		= 31.50 "
	5	8.10	1.20		= 48.60 "
	5	11.40	1.41		= 80.37 "
	6	10.50	1.83		= 115.29 "
1-2 km	3	14.96	1.02		= 45.78 "
	4	16.32	1.70		= 110.98 "
	1	15.30	1.98		= 29.13 "
	3	23.46	0.68		= 47.86 "
	4	11.56	1.02		= 47.16 "
	5	6.46	1.56		= 50.39 "
	6	9.18	1.70		= 93.64 "
	4	9.52	1.36		= 51.79 "
	5	23.12	1.66		= 184.73 "
	3	21.08	2.07		= 131.00 "
	2	8.80	1.36		= 28.12 "
	6	7.14	1.70		= 7.285 "
	4	4.76	1.90		= 36.78 "
	5	13.94	0.68		= 47.40 "
	2	5.78	1.02		= 11.79 "
	4	5.44	1.56		= 33.945 34.03 "
	5	11.90	1.70		= 101.15 "
	4	12.58	1.36		= 68.44 "
	1	22.78	1.60		= 36.40 "
	2	19.38	2.07		= 80.33 "
					2092.92 m ²
		2092.92 m ²	0.075 m		156.969 m ³
2)	Brick masonry in C.M(1:3)				
	in parapet				
	24	4.70	0.40	0.60	= 2.26 m ³
		Kulluort			2.26 m ³
					= 6.78 m ³
3)	Plastering with cement mortar (1:4) on brick				

Schedule XLV—Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Side Face	4.00 x	6.15 x	0.60	=	14.76 m ²
Top	2.00 x	6.15 x	0.40	=	4.92 ✓
Front Face	4.00 x	0.40 x	0.60	=	0.96 ✓
					20.64 m ²
					3 NO Culvert = 61.92 m ²
4)	Painting two coats				
	on Concrete surface				
Side Face	4.00 x	6.15 x	0.60	=	14.76 m ²
Top	2.00 x	6.15 x	0.40	=	4.92 ✓
Front Face	4.00 x	0.40 x	0.60	=	0.96 ✓
					20.64 ✓
					3 NO Culvert = 61.92 m ²
K	21/8/24	AJ	23/9/24	HK	
J.E					

Measurement Date - 24-8-24

1)	Providing & Applying				
	primer coat with bitumen				
	CSS-1) 88 item no-1				
	v.p (5,6)				2092.92 m ²
2)	Applying tack				
	coat with bitumen				
	emulsion				
	1 x 30 x	14 x	3.75 =	.1575	m ²
	1 x 1 x	20 x	3.75 =	.75	m ²
	1 x 30 x	28 x	3.75 =	3150	m ²
	1 x 1 x	20 x	3.75 =	.75	m ²
	1 x 30 x	18 x	3.75 =	2025	m ²
	1 x 10 x	10 x	3.75 =	37.50	m ²
				6937.5	m ²
	Add for extra widening on	1)		69.375	m ²
	curve			7006.875	m ²

Continuation

Schedule XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Semi-Dense Bituminous Concrete					
same as item No. 2					
U.P.C. 7)					
	700	6.875 m ²	0.025 m		175.1718 m ³
					= 175.172 m ³
24/8/24 J.E					
26/8/24 Rt					
Measurement Date:- 27-8-24					
(1) Dry lean Cement Concrete Sub Base					
2x 2.50x 2.10x 0.10 =					1.05 m ³
2x 1.50x 1.35x 0.10 =					0.405 m ³
2x 1.70x 1.80x 0.10 =					0.612 m ³
2x 2.50x 2.10x 0.10 =					1.05 m ³
					3.117 m ³
Limit					3.00 m ³
(2) Const. of Pavement					
3 x 90 x (3.75 + 3.90 + 3.70) x 0.125 =					42.5625 m ³
1 x 10 x (3.75 + 3.90) x 0.125 =					4.8125 m ³
					47.375 m ³
Limit					47.349 m ³
(3) Supply and providing NP-3 300mm dia Hume pipe					
(3x 2.50) x 5 =					37.5 m
27/8/24 J.E					

Continuation

Schedule XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Measurement Date: 02-09-24				
(1) Kilometre stone					
		Km stone			= 2.00 Nos
(2) 200m stone					= 9.00 Nos
(3) Direction & Place					
	Identification signs board				
	2	1.20	x	0.80	= 1.92m ²
(4) Retro-reflectarised					
	Traffic 600 mm				
	equilateral triangle				9.00 Nos
(5) P.S Fixing 600mm Circular					= 2.00 Nos
(6) (600x450) mm rectangular					= 2.00 "
(7) 900 mm side octagon					= 1.00 "
(8) Providing & Fixing 'Logo'					
	of Maintenance				
	Sign board				= 2.00 Nos

02/09/24
J.E

05/9/24
K