

Agency Sumaina Devi

Deo Ajma Rd Khairi More to Sahana

Serial XLV - Tera Ma Ma

Mr. M. S. Singh

Section Officer

Prima P. W. D.

E-Z. 12. W-D. City of Fungangabad

Division

At

Kalamba

3rd Division

NRASUNDACT 1000

16/2828

Certified That This M.B. Contains (100)
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To Sri..... Baban Ram A.E.-R.W.D.
Work Sub-Div..... Kutumba.....

Executive Engineer
Rural Works Department
Works Division, Aurangabad

10/7/20

Schedule KLV - Form No. 134.

E.E. Achal Division.

A.E. Kutumba Sub-Division.

MEASUREMENT BOOK.

2828

211663

Shri Baban Ram A.E. Kutumba

Check of the entry

Check of the entry

निम्न. वर्गित है, या !

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 completion of the measurements relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
+ 2 on A/c Buli					
Name of work -	Deo Amba Road to Koirga				
	More to Sidhama under				
	Head M.H.G.S. 4				
Agency -	Smt Sumaina Devi of				
	Ghardaun, Lakha Arangol				
Agreement No -	84 S.B.D / 2020-21				
Agreement value -	Rs. 1205510.00				
Date of work start	08/06/2020				
Date of Completion -	07/03/2021				

Work done Measurement					
①/ clearing and Grubbing					
Road Lined - 45					
$2 \times 5 \times 30 \times 4.1 \text{ meter}$				=	1230 m ²
$2 \times 2 \times 20 \times 3.5 \text{ meter}$				=	280.00 m ²
					1510 m ²
				=	0.15 hectre
②/ Construction of Goundia					
H.P. Canal					
③/ 26 R/W ex. construction					
for the structure					
H.W - $2 \times 3.90 \times 1.20 \times 1.5 \text{ m}$				=	14.04 m ³
Balto R/W - $1 \times 5.35 \times 1.19 \times 0.36 \text{ m}$				=	2.207 m ³
					16.242 m ³
Continuation					
Balto R/W -					15.66 m ³

Sch. XLV-F Form NO. 154					Contents of area
Particulars	Details of actual measurement				
	No.	L	B	D	
②/27 Friday f. c. H. 15					
- d. in f. c. H. 15					
H.W. - 2x 3.90x 1.15x 0.15 =					1.3588
Bottom f. c. H. 15					
2x 5.31x 1.19x 0.25 =					1.58
					2.85 M ²
③/28 Friday Plain Cement					
Concrete M20 in f. c. H. 15					
Structure - d. B.I.					
H.W. - 2x 3.60x 0.70x 2.78 =					14.01 M ²
Bottom - 2x 3.60x 0.40x 0.60 =					1.81 M ²
					15.82 M ²
Less for f. c. H. 15					
2x 0.7857x (0.85) ² x 0.53 =					0.574 M ²
					15.24
					15.17 M ²
④/29 Friday and laying					
of R.C.C. M20 f. c. H. 15					
600 mm dia - d. B.I.					
3x 2.5 M =					7.50 M
⑤/30 Friday Laying					
of f. c. H. 15 - d.					
Top - 2x 3.60x 0.40x 0.60 =					2.88 M ²
Side - 4x 3.60x 0.60 =					8.64 "
End - 4x 0.40x 0.60 =					0.96 M ²
					12.48 M ²
⑥/25 Friday and laying					
of a R.C.C. Pipe duct					
300 mm dia 9 cranks of steel - d.					
- d. B.I.					
2x 3x 2.5 M =					15.05 M ²
2x 2x 2.5 M =					5.00 M ²
					20.05 M ²
Continuation					20.05 M ²

Continuation

20.05 M²

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑦/31 Dismantling of existing structure and Carbur. work					
1x 3.5m x 1.4m x 0.15m					0.60m ³
⑧/32 Dismantling of existing structure					
Brick Masonry and B.I.					
2x 4.20m x 0.83m x 2.50m					217.33m ³
⑨/33 Dismantling of					
Hamper and border					
— do — B.I.					
1x 7.50m					7.50m
⑩/34 Removal of					
lime pit, d, B.W.					
dismantled B.W. and B.I.					
⑪/10/3 Excavation roadway					
— do (Box cutting) — do B.I.					
2x 10m x 3.50m					70.00m ²
2x 10m x 0.9m					18.00m ²
2x 3x 3m x 0.525m					94.50m ²
2x 10x 1.15m					23.00m ²
2x 10x 0.625m					12.50m ²
2x 2x 3m x 0.525m					63.00m ²
					281.00m ²
Volume = 281.00 m ² x 0.1m (av)					28.10m ³
					Butt 22.05m ³
⑫/4 Constructing embankment					
— do Mchul deposit and					
Site — do B.I.					22.05m ³
60-1 x 22.05m ³					13.23m ³

Continuation

Sch. XLV Form No. 1					
Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑫/5 Constructing embankment					
- d - Mahul Old road for					
barrage up - d - B.I					
at gas line 24 is Calculated chart					
S. No.	Chn	Ri in	Mean in	Area m ²	Volume
1	0	3.144			
2	50	4.356	3.725	50	186.25 m ³
3	100	2.497	3.402	50	170.075 m ³
4	150	3.043	2.770	50	138.50 m ³
5	200	3.75	3.397	50	169.825 m ³
6	210	2.952	3.351	10	33.510 m ³
Total -					698.16 m ³

Detail of B.W filling

① B.W ditched side -	8.60	13.23 m ³
② eastern shoulder		
Level 100 cm -	46.14 m ³	
③ eastern shoulder		
Level - 100 cm -	107.67 m ³	
④ Constructing embankment		
d - Mahul - d - for barr. P.K.	535.25 m ³	
		698.16 m ³

17/11/2021
J.E

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

Meburmuft

①/B Constructing of - d

dub - baka - d

② G.S. B g. - d R/E

m' dury

$$2 \times 10m \times 3.5m \times 0.1m = 7.00m^2$$

$$2 \times 10m \times 0.9m \times 0.1m = 1.80m^2$$

$$2 \times 30m \times 0.525m \times 0.1m = 9.45m^2$$

$$2 \times 10m \times 0.625m \times 0.1m = 1.25m^2$$

$$2 \times 10m \times 1.15m \times 0.1m = 2.30m^2$$

$$2 \times 20m \times 0.525m \times 0.1m = 6.30m^2$$

om

$$1 \times 20m \times 0.525m \times 0.1m = 1.05m^2$$

$$1 \times 30m \times 3.75m \times 0.1m = 33.75m^2$$

$$1 \times 10m \times 5.30m \times 0.1m = 5.30m^2$$

$$1 \times 10m \times 4.0m \times 0.1m = 4.00m^2$$

$$2 \times 30m \times 3.75m \times 0.1m = 22.50m^2$$

A

$$108.45m^2$$

③ Pat Mubmuft

$$1 \times 10m \times 1.80m = 18.00m^2$$

$$2 \times 6.0m \times 2.0m = 24.00m^2$$

$$1 \times 9.5m \times 2.0m = 19.00m^2$$

$$1 \times 11.35m \times 1.95m = 22.15m^2$$

$$2 \times 5m \times 2.0m = 20.00m^2$$

$$102.15m^2$$

B

$$\text{Volume} = 102.15m^2 \times 0.1m = 10.215m^3$$

Total G.S. B g. work

$$= A + B$$

$$= 108.45m^2$$

$$+ 10.215m^2$$

$$118.665m^2$$

$$\text{But take } 118.69m^2$$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
②/ Friday laying Spandly & Carpaty → d. W.B.M g/L-B					
$1 \times 20m \times 10.0 + 4.80$					
	2			$\times 0.075m^2$	$= 11.10m^2$
$1 \times 3 \times 30m \times 3.75m \times 0.075m^2$					$25.31m^2$
$1 \times 10.0m \times 4.0m (av) \times 0.075m^2$					$3.06 "$
$1 \times 10.0m \times 5.30m (av) \times 0.075m^2$					$3.97 "$
$2 \times 30m \times 3.75m \times 0.075m^2$					$16.87 m^2$
					$60.25 m^2$
				Butkul.	$60.24 m^2$

③/ Friday from Coat
with Kilm. Emulsion
(S.S.) → d. RT

$$1 \times 20m \times \frac{10 + 4.80}{2} = 148.00m^2$$

$$1 \times 3 \times 30m \times 3.75m = 337.50m^2$$

$$1 \times 10m \times 4.0m (av) = 40.00m^2$$

$$1 \times 10m \times 5.30m (av) = 53.00m^2$$

$$2 \times 30m \times 3.75m = 225.00m^2$$

$$803.50m^2$$

$$\text{Butkul. } 803.25m^2$$

✓
2/02/2021
J.B.

✓
2/2/21
AR

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
	<u>Measurement</u>				
①/ <u>Sideley Tank Coast</u>					
<u>with bldm emulsion</u>					
<u>- d - d - B.I.</u>					
<u>Atypical T.M.D R(6)</u>					
<u>Unit No ③/ P -</u>					803.25m ²
					(R)
②/ <u>Sideley Bay road</u>					
<u>Compacting of road</u>					
<u>for mix subgrade</u>					
<u>of zone then - d - B.I.</u>					
<u>Atypical same as Unit ①/ (R)</u>					
					= 803.25m ²
③/ <u>Sideley road</u>					
<u>K.M. Stone - d - B.I.</u>					
					1 x 2 = 2 Nos
④/ <u>Sideley 200m local</u>					
<u>Stone km local</u>					
					1 x 2 = 2 Nos 1 No
⑤/ <u>Sideley and 15</u>					
<u>atypical M.M.G.S.</u>					
<u>Sign board - d - B.I.</u>					
					1 x 2 = 2 Nos
⑥/ <u>Sideley and 15</u>					
<u>Citizen Information</u>					
<u>Board - d - B.I.</u>					
					1 x 1 = 1 No
⑦/ <u>Sideley 2 fixing Information</u>					
<u>Mainframe Board - d - B.I.</u>					
					1 x 1 = 1 No

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑧/16 Plywood M-to lathum and figure printing - d - d - 2 I 44'00 lathum					
⑨/17 Plywood Laced stone Boundary Boundary, lathum - d 2 I 2x2x4.0 = 16 Nbs					
⑩/18 Plywood and figure - d - 2 I Boundary - d - 2 I 600mm x 450mm - 4 Nbs					
⑪/19 Plywood 600mm x 450mm Sign Board - d I 1x2 = 2 Nbs					
⑫/20 Plywood 800x600mm x rectangular sign - Board - d 2 I 1x2 = 2 Nbs					
⑬/21 Plywood and figure 600mm x 450mm x rectangular sign Board - d 2 I 1x2 = 2 Nbs					
⑭/22 Plywood 2 figure 900mm octagonal sign Board - d 2 I 1x2 = 2 Nbs					
⑮/23 Plywood and figure of top of lathum - d Reed Maching - d 2 I on edge					

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
	2x	6x30m	0.1m		= 36.00m ²
	2x	16.6x	0.1m		= 3.20m ²
	1x	10.0m	0.1m		= 1.00m ²
	1x	6.5m	0.1m		= 0.65m ²
	1x	3.75m	0.1m		= 0.375m ²
					<u>41.225m²</u>

(17) Lushy earthwork

Shoreline → d-RII

Atyula T.M.B RTH ⊕ =

(17) Lushy Planting of
Tree by the road

Side → d-RII

1x11 = 11 No

1x10 = 10 No
21 No

(18) Lushy & Fencing
of Welay Beach Mark

R, Jm → d-RII - 1 No

25/02/21
J.R.

25/02/21
A.R.

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
	As per map of 1981				
1 change surveying B.M					
Right hand side					
At grade T.M.B Box ③					
= 1 M					
② 40 14 = 72/200	40	14	72/200		4015
2 change surveying					
Left hand side					
At grade T.M.B Box ①					
= 0.15 ha					
③ 51 133 = 26/ha	51	133	26/ha		767120
3 change surveying					
Right hand side					
At grade T.M.B Box ②					
= 22.05 M					
④ 74 = 16 R	74	16	R		1635200
4 Construction of embankment					
- d. Mohu / diposuit					
at site - d. B.L.					
At grade T.M.B Box ④					
= 8.60 M					
⑤ 26 = 11/M	26	11	M	R	225200
5 Construction of embankment					
- d. Mohu - d.					
bank R.L. - d. B.L.					
At grade T.M.B Box ⑤					
Lead up to 100m					
= 53.575 M					
⑥ 131 = 03/M	131	03	M	R	20199300

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑥ Constructed Eastham shoulder - d 312 Qty mls T.M.P.R. (A) Lead up to 100m = 46.14 m ²					
⑦ 176 = 58/m ² R 8147					
⑦ Constructed emerge shoulder - d 312 Qty mls T.M.P.R. (A) Lead 100m = 107.67 m ²					
⑧ 141 = 17/m ² R 15200					
⑧ Single Gage - d d 312 Qty mls T.M.P.R. (A) = 118.69 m ²					
⑨ 2729 = 32 R 323943					
⑨ Single Gage Spanning - d W.B.M. GL-3 - d Qty mls T.M.P.R. (A) = 60.24 m ²					
⑩ 3869 = 25/m ² R 233089					
⑩ Single Gage - d d 312 Qty mls T.M.P.R. (A) = 803.28 m ² 45 = 14/m ² R 362592					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(10) highway drainage Coast road Q.R. 5 Qty m² m² m² m² (7) = 803.25 m²					
(11) 15 = 25/m ² - R. 123302					
(12) highway drainage Rolling road Comp - d. Siding netul of zone - d Qty m² m² m² m² (7) = 803.25 m²					
(13) 208 = 60/m ² - R. 1675582					
(13) highway drainage Km Stone - d Qty m² m² m² m² (7) = 2 m²					
(14) 2103 = 25/m ² - R. 420720					
(14) highway 200mm Km 2nd stone - d Qty m² m² m² m² (7) = 1 m²					
(15) 572 = 95/m ² - R. 573200					
(15) highway 2 firming d-m m. 654 level with 6 go - d Qty m² m² m² m² (7) = 2 m²					
(16) Crane - 1 No					
(17) Master - 1 No					
(18) 9324 Continued R. 372992					

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(16) Liny. New bellum					
findy - d -					
Aty nile T.M.P.B. (8)					
= 44.0000					
@ 0.52				R-225	
(17) Liny Brandy, Gumed					
P.L.M. - d - d					
Aty nile T.M.P.B. (8)					
= 16.75					
@ 473 = 0.1/2 - R-7568					
(18) Liny 60 cm. C. m. bellum					
Tangle band -					
Aty nile T.M.P.B. (8)					
= 4.75					
@ 3717 = 64 - R-148712					
(19) Liny - 60 cm. C. m. bellum					
band - d - d					
Aty nile T.M.P.B. (8) 2 T.S.					
@ 4989 = 56 - R-99792					
(20) Liny 80 cm. 60 cm.					
reed angular band -					
Aty nile T.M.P.B. (8)					
2 N.S.					
@ 6962 = 53 - R-13925					
(21) Liny 60 cm. 40 cm.					
- d - sign band - d -					
Aty nile T.M.P.B. (8) = 2 N.S.					
@ 4859 = 36 - R-97192					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(22) Side 900mm Side Octagonal d Aty nile T.M.P.B.N. (3)					
= 2 Nos					17770
(23) 888.5 = 43/each R					177712
(24) Side - d - R - d Masking - d - 136 Aty nile T.M.P.B.N. (9)					
= 41.225 M					
(25) 735 = 44/ M ² R					30318
(26) Side of Poles - d - d - 121 Aty nile T.M.P.B.N. (7)					
= 21 Nos					
(27) 815 = 26/each R					17120
(28) Side and Side 300 mm di pipe - d Aty nile T.M.P.B.N. (2)					
= 20.00 M					
(29) 907 = 19/each R					18144200
(30) 1410 M ² each in facing - d - 121 Aty nile T.M.P.B.N. (1)					
= 15.66 M ³					
(31) 269 = 32/M ² - R					4218200
(32) Side for C.M.S. - d - d Aty nile T.M.P.B.N. (2) = 2.85 M					
(33) 5101 = 201 - R					145382

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
②8					
Land by plain cement					
Concrete Mass m					
Sub-structure - d					
Hydride TMBR (2)					
= 15.17 m ²					
③ 5898 = 69 m ² - 894832					
②9					
Land by and laying					
Reception M ₁₂ of concrete					
dis - d B12					
Hydride TMBR (2)					
= 7.50 m					
④ 1041 = 52 m ² - 781120					
③0					
Land by laying					
of concrete - d					
Hydride TMBR (2)					
= 12.48 m ²					
⑤ 97219 m ² - 121220					
③1					
Land by Diamentally					
do cement concrete d					
Hydride TMBR (3)					
= 0.60 m ³					
⑥ 48474 m ³ - 29121					
③2					
Diamentally - d					
Brick Making - d					
Hydride TMBR (3) = 17.33 m ³					
⑦ 291277 m ³ - 401720					

Continuation

