

Schedule XLV-Form No. 134

Transfer to Dwarak' post.

By Bhupen

S.D.O.
आदेशपालक अधिकृतता

आसीन तार्य विभाग

कार्य प्रमडल, अडर-1

DIVISION

A. E. R. W. P. (W)

SUB-DIVISION

Mamda

MEASUREMENT BOOK

NO = 3964

Name for work—
 Situation of work—
 Agency by which work is executed—
 Date of measurement—
 No. and date of agreement.

1

(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.	
Name of work: - Const. of road from Taptal to Durgam Chauri					
Agg: - Rq. Bhusmigh					
Agreement - 170BD/2022-23					
Date of start - 14/10/22					
Date of comp - 13/10/23					

① clearing & grubbing road land
 - do -

$$2 \times 10 \times 30 \times 1.0 = 600.0 \text{ m}^2$$

$$2 \times 10 \times 30 \times 1.0 = 600.0 \text{ m}^2$$

$$2 \times 10 \times 30 \times 1.0 = 600.0 \text{ m}^2$$

$$2 \times 10 \times 30 \times 1.0 = 600.0 \text{ m}^2$$

$$2 \times 8 \times 30 \times 1.0 = 480.0 \text{ m}^2$$

$$2 \times 4 \times 10 \times 1.0 = 20.0 \text{ m}^2$$

$$2900.0 \text{ m}^2$$

$$\text{sq } 0.29 \text{ Ha}$$

② Const. of sub grade & earth shapes
 - do -

Continuation

Particulars	Details of actual measurement				Contents area
	No.	L.	B.	D.	
$2 \times 10 \times 30 \times 0.6 \times 0.3 = 108.0 \text{ m}^3$					✓
$2 \times 10 \times 30 \times 0.60 \times 0.3 = 108.0 \text{ m}^3$					✓
$2 \times 5 \times 30 \times 0.6 \times 0.3 = 54.0 \text{ m}^3$					✓
$2 \times 10 \times 30 \times 0.5 \times 0.3 = 90.0 \text{ m}^3$					✓
$2 \times 10 \times 30 \times 0.5 \times 0.250 = 75.0 \text{ m}^3$					75
					420.0 m ³
					435.0 m ³

③ G.S.B. - const. of G.S.B. by
 P.V. well graded
 material - do -

$$13 \times 0.45 \times 0.3 \times 0.10 = 0.175 \text{ ✓}$$

$$12 \times 1.2 \times 0.3 \times 0.175 = 0.756 \text{ ✓}$$

$$18 \times 0.9 \times 0.45 \times 0.175 = 1.275 \text{ ✓}$$

$$14 \times 0.6 \times 0.3 \times 0.100 = 0.252 \text{ ✓}$$

$$5 \times 2 \times 3.75 \times 0.100 = 3.75 \text{ ✓}$$

$$12 \times 0.95 \times 1.5 \times 0.175 = 2.992 \text{ ✓}$$

$$16 \times 1.2 \times 1.0 \times 0.100 = 1.92 \text{ ✓}$$

$$24 \times 0.80 \times 0.60 \times 0.1 = 1.152 \text{ ✓}$$

$$32 \times 1.1 \times 0.6 \times 0.175 = 3.696 \text{ ✓}$$

$$8.2 \times 3.0 \times 0.100 = 2.46 \text{ ✓}$$

$$2 \times 10 \times 0.9 \times 0.175 = 3.15 \text{ ✓}$$

$$4 \times 3 \times 0.15 = 1.80 \text{ ✓}$$

$$2 \times 6 \times 2.5 \times 0.15 = 4.50 \text{ ✓}$$

$$4 \times 1.5 \times 3.0 \times 0.175 = 3.15 \text{ ✓}$$

$$20 \times 0.3 \times 0.7 \times 0.1 = 0.42 \text{ ✓}$$

$$28 \times 2.0 \times 1.0 \times 0.15 = 8.40 \text{ ✓}$$

$$7.2 \times 2.5 \times 0.175 = 3.15 \text{ ✓}$$

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$10.71 \times 2.50 \times 0.175 = 4.686$ ✓
					$8.5 \times 2.6 \times 0.15 = 3.315$ ✓
					$6.5 \times 1.9 \times 0.15 = 1.852$ ✓
					$12.30 \times 3.55 \times 0.175 = 7.64$ ✓
					$8.11 \times 3.25 \times 0.175 = 4.613$ ✓
					$8.46 \times 3.25 \times 0.175 = 4.812$ ✓
					$69.917 m^3$ ✓
					$\text{Net } 68.46 m^3$ ✓

⑨ W.B.M. = Dk. by 100,

Spreading to concrete

Store aggregate
do —

$$13 \times 0.45 \times 0.3 \times 0.075 = 0.131$$
 ✓

$$12 \times 1.2 \times 0.3 \times 0.075 = 0.324$$
 ✓

$$18 \times 0.9 \times 0.45 \times 0.075 = 0.546$$
 ✓

$$14 \times 0.6 \times 0.3 \times 0.075 = 0.189$$
 ✓

$$5 \times 2 \times 3.75 \times 0.075 = 2.881$$
 ✓

$$12 \times 0.95 \times 1.5 \times 0.075 = 1.282$$
 ✓

$$16 \times 1.2 \times 1.0 \times 0.100 = 1.92$$
 ✓

$$24 \times 0.8 \times 0.6 \times 0.075 = 0.864$$
 ✓

$$32 \times 1.1 \times 0.6 \times 0.075 = 1.584$$
 ✓

$$8.2 \times 3.0 \times 0.075 = 1.845$$
 ✓

$$2 \times 10 \times 0.9 \times 0.075 = 1.35$$
 ✓

$$4 \times 3 \times 0.075 = 0.90$$
 ✓

$$2 \times 6 \times 2.5 \times 0.075 = 2.25$$
 ✓

$$4 \times 1.5 \times 3.0 \times 0.075 = 1.35$$
 ✓

Continuation

AE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$20 \times 0.3 \times 0.7 \times 0.075 = 0.315$
					$28 \times 2.0 \times 1.0 \times 0.075 = 4.20$
					$7.2 \times 2.5 \times 0.075 = 1.35$
					$7.2 \times 2.3 \times 0.075 = 1.242$
					$6.10 \times 3.5 \times 0.075 = 1.601$
					$10.71 \times 2.5 \times 0.075 = 2.008$
					$8.5 \times 2.6 \times 0.075 = 1.657$
					$6.5 \times 1.9 \times 0.075 = 0.926$
					$12.30 \times 3.55 \times 0.075 = 3.274$
					$28 \times 1.0 \times 2.0 \times 0.075 = 4.20$
					$6 \times 2 \times 2.5 \times 0.075 = 2.25$
					$5 \times 2 \times 3.75 \times 0.075 = 2.812$
					2.881

$$8.2 \times 3.0 \times 0.075 = 1.845$$

$$45.096$$

$$44.686$$

$$\text{Jut } 44.50$$

⑤ W.B. II :- P.H. laying
 Spreading & compact
 Hoe aggregate
 do —

$$8.2 \times 3.0 \times 0.075 = 1.845$$

$$5 \times 2 \times 3.75 \times 0.075 = 2.812$$

$$6 \times 2 \times 2.5 \times 0.075 = 2.25$$

$$28 \times 1.0 \times 2.0 \times 0.075 = 4.20$$

$$12.30 \times 3.55 \times 0.075 = 3.274$$

$$6.5 \times 1.9 \times 0.075 = 0.926$$

$$8.5 \times 2.6 \times 0.075 = 1.657$$

Continuation

[Signature]
 ME

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$20 \times 0.3 \times 0.7 \times 0.075 = 0.315$ ✓
					$28 \times 2.0 \times 1.0 \times 0.075 = 4.20$ ✓
					$7.2 \times 2.5 \times 0.075 = 1.35$ ✓
					$7.2 \times 2.3 \times 0.075 = 1.242$ ✓
					$6.10 \times 3.5 \times 0.075 = 1.601$ ✓
					$10.71 \times 2.5 \times 0.075 = 2.008$ ✓
					$8.5 \times 2.6 \times 0.075 = 1.657$ ✓
					$13 \times 0.45 \times 0.3 \times 0.075 = 0.431$ ✓ 13.075
					$12 \times 1.2 \times 0.3 \times 0.075 = 0.324$ ✓
					$18 \times 0.9 \times 0.45 \times 0.075 = 0.546$ ✓
					$14 \times 0.6 \times 0.3 \times 0.075 = 0.89$ ✓
					$5 \times 2 \times 3.75 \times 0.075 = 2.812$ ✓ 2.88

					$12 \times 0.95 \times 1.5 \times 0.075 = 1.281$ ✓
					$4 \times 1.5 \times 3.0 \times 0.075 = 1.35$ ✓
					$2 \times 6 \times 2.5 \times 0.075 = 2.25$ ✓
					$4 \times 3.0 \times 0.075 = 0.90$ ✓
					$2 \times 10 \times 0.9 \times 0.075 = 1.35$ ✓
					$8.2 \times 3.0 \times 0.075 = 1.845$ ✓
					$32 \times 1.1 \times 0.6 \times 0.075 = 1.584$ ✓
					$24 \times 2.8 \times 0.9 \times 0.075 = 4.536$ ✓
					$16 \times 2.5 \times 1.5 \times 0.075 = 4.50$ ✓
					$12 \times 1.8 \times 1.4 \times 0.075 = 2.268$ ✓
					$10 \times 2.5 \times 1.7 \times 0.075 = 3.187$ ✓
					$10 \times 1.7 \times 2.5 \times 0.075 = 3.187$ ✓
					$12 \times 1.2 \times 0.3 \times 0.075 = 0.324$ ✓ 61.90
					58.765 58.72m ²

Continuation

Limit as per Agreement ≥ 58.60

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ D.L.L. Contd. of D.L.C. sub-bank not prepared sub-grade —					
					$5 \times 2.0 \times 1.0 \times 0.075 = 1.0 \text{ m}^3$
					$7 \times 1.5 \times 2.0 \times 0.075 = 1.575$
					$2 \times 5 \times 1.8 \times 0.100 = 1.80 \text{ m}^3$
					$14 \times 2.0 \times 0.6 \times 0.075 = 1.26$
					$12 \times 0.5 \times 0.6 \times 0.075 = 0.27$
					$10 \times 0.6 \times 0.5 \times 0.075 = 0.225$
					$\underline{\hspace{1cm}} 6.13 \text{ m}^3$
					At 6.0 m
⑦ p.c.c. 30 — contd. of un-reinforced sub grade — do —					
					$5 \times 30 \times 3.75 \times 0.16 = 90.0 \text{ m}^3$
					$5 \times 30 \times 3.75 \times 0.16 = 90.0 \text{ m}^3$
					$3 \times 30 \times 3.75 \times 0.16 = 90.0 \text{ m}^3$
					$1 \times 10 \times 3.75 \times 0.16 = 6.0 \text{ m}^3$
					$\underline{\hspace{1cm}} 240.0 \text{ m}^3$
					At 240.0 m
⑧ Prime coat: 1% / 8 applying 1 R.S. — do —					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24.50 8.2 x 3.0 =					24.60 ✓
5 x 2 x 3.75 =					37.50 ✓
6 x 2 x 2.5 =					30.0 ✓
28 x 10 x 20 =					56.0 ✓
2.3 x 3.556 =					8.165 ✓
6.5 x 1.90 =					12.35 ✓
8.5 x 2.60 =					22.10 ✓
20 x 0.3 x 0.7 =					4.20 ✓
28 x 2.0 x 1.0 =					56.0 ✓
7.2 x 2.5 =					18.0 ✓
7.2 x 2.3 =					16.56 ✓
6.1 x 3.5 =					19.52 ^{21.35}
10.71 x 2.5 =					26.72 ✓
8.5 x 2.60 =					22.10 ✓
13 x 0.45 x 0.30 =					1.75 ✓
12 x 1.2 x 0.3 =					4.32 ✓
18 x 0.9 x 0.45 =					7.29 ✓
14 x 0.6 x 0.30 =					2.52 ✓
5 x 2 x 3.75 =					37.50 ✓
12 x 0.95 x 1.5 =					17.10 ✓
4 x 1.5 x 3.0 =					18.0 ✓
2 x 6 x 2.50 =					30.0 ✓
4.0 x 3.0 =					12.0 ✓
2 x 10 x 0.9 =					18.0 ✓
8.20 x 3.0 =					24.60 ✓
32 x 1.1 x 0.6 =					21.12 ✓
24 x 2.8 x 0.9 =					60.48 ✓

Continuation

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

$$16 \times 2.5 \times 1.5 = 600 \checkmark$$

$$12 \times 1.8 \times 1.40 = 30.24 \checkmark$$

$$10 \times 2.5 \times 1.70 = 42.50 \checkmark$$

$$10 \times 1.70 \times 2.5 = 42.50 \checkmark$$

$$12 \times 1.2 \times 0.8 = 9.6 \checkmark$$

$$788.11$$

$$\text{Net } 782.93 \text{ m}^2$$

Limit as per Agg - 781.33

⑨ Tack coat - P/L & applying
(RSD) →

Qty same as item no ⑧

$$\text{Qty} = 782.93 \text{ m}^2$$

Limit as per Agg - 781.33

⑩ m.s.s. - P/L, laying &
rolling of closed
graded pme
— do —

Qty same as item no ⑨

$$\text{Qty} = 782.93 \text{ m}^2$$

781.33

Limit as per Agg -

⑪ Tack coat - P/L & applying
(RSD) —

$$10 \times 30.0 \times 3.75 = 1125.0$$

$$10 \times 30.0 \times 3.75 = 1125.0 \checkmark$$

$$10 \times 30 \times 3.75 = 1125.0 \checkmark$$

$$5 \times 30 \times 3.75 = 562.50 \checkmark$$

$$3937.50 \text{ m}^2$$

Continuation

Sch. XLV—Form No. 134

Details of actual measurement

Contents of area

Particulars	No.	L.	B.	D.	
(12) S.D.B.C. - PH & bying					
S.D.B.C. with 25mm					
Phk — do —					
10 x 30 x 3.75 x 0.025 =					28.125 ✓
10 x 30 x 3.75 x 0.025 =					28.125 ✓
10 x 30 x 3.75 x 0.025 =					28.125 ✓
5 x 30 x 3.75 x 0.025 =					14.062 ✓
					98.437 m ² ✓
(13) PH P.C.C. M-15 at					
Kilometre Stone					
do —					
(i) KM Stone —					01 nos. ✓
(ii) 200mm Stone —					07 nos. ✓
(14) PH Retro-reflectorizer					
Traffic sign & correctly					
direction					
do —					
2 x 100 x 0.80 =					1.92 m ✓
(15) PH Paving sand					
for road —					
(i) 600 mm equivalent layer —					04 nos. ✓
(ii) 600 mm C.P. —					02 nos. ✓
(iii) 600 x 450 rectangles —					02 nos. ✓
(16) PH Paving sand					
Bill for M-15 grade					
do —					
					Qty = 16 nos. ✓

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) Plastering of Hoods on wood work — do —					
					Qty = 106 m ² ✓
(18) Pl. & fixing of Thermos Plastic Paint — do —					
					$2 \times 10 \times 30 \times 0.100 = 60.0 \text{ m}^2$ ✓
					$2 \times 10 \times 30 \times 0.100 = 60.0 \text{ m}^2$ ✓
					$2 \times 10 \times 30 \times 0.100 = 60.0 \text{ m}^2$ ✓
					$2 \times 10 \times 30 \times 0.100 = 60.0 \text{ m}^2$ ✓
					$2 \times 8 \times 30 \times 0.100 = 48.0 \text{ m}^2$ ✓
					$2 \times 1 \times 10 \times 0.1 = 2.0 \text{ m}^2$ ✓
					290.0 m ² ✓
(19) Pl. & fixing of typical impermanent sign board —					Qty = 0.9 m ² ✓
(20) Pl. B/w in c.m (1:3) do —					
					$2 \times 6.0 \times 0.4 \times 0.6 = 2.88 \text{ m}^2$ ✓
(21) Pl. Plastering with c.m (1:4) do —					
					$4 \times 6 \times 0.6 = 14.40$ ✓
					$2 \times 6.0 \times 0.40 = 4.80$ ✓
					$4 \times 0.4 \times 0.6 = 0.960$ ✓
					20.160 m ² ✓

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ G.S.B. const. of G.S.B. of P.N. well ground work do -					
68.46 m ² side m.B. of ③ @ 2476.85/m ³ - 169565.00					
④ W.B.M. - P.N. large Spreading baffle do -					
44.50 m ² side m.B. of ④ 196,432.00 Limit as per Agg. - 4414.21 @ 4419.73/m ³ - 196678.00					
⑤ W.B.M. - P.N. large, spreading & comp. fine do -					
Limit as per Agg. 58.60 58.72 m ² side m.B. of ⑤ 239042.00 @ 4079.21/m ³ - 239531.00					
⑥ Prime coat - P.N. baffle Limit as per Agg. (SSD) do - 781.33					
782.93 m ² side m.B. of ⑥ 46,450.20 @ 59.45/m ² - 46545.00					
⑦ Top coat - P.N. baffle Limit as per Agg. (RSSD) do - 781.33					
782.93 m ² side m.B. of ⑦ 15814.20 @ 20.29/m ² - 15847.00					
⑧ M.S.S. - P.N. large baffle Limit as per Agg. M.S.S. do - 781.33					
782.93 m ² side m.B. of ⑧ 207515.00 @ 265.05/m ² - 207092.00					

Continuation

207092.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ Tack Lead :- PH & 90 P/ly (RST) —					
3937.50 m ² side m.B Bg. ⑧					
@ 16.87/m ² —					66426 = 0
⑩ S.D.B.C. :- PH & 60 P/ly S.D.B.C. —					
98.48 m ³ side m.B Bg. ⑨					1409777.20
@ 14821.62/m ³ —					1409820 = 0
⑪ PH D.L.C on prepared surface —					
16.60 m ³ side m.B Bg. ⑥					
@ 3929.55/m ³ —					23577 = 0
⑫ P.C.C on 30 :- const of 100 — reinforced concrete —					
240.00 m ³ side m.B Bg. ⑥					
@ 7858.49/m ³ —					1886038 = 0
⑬ PH P.C.C on 15 as Hilometre —					
i) 200 m Ste —					
01 m ³ side m.B Bg. ⑨					
@ 2548.70/m ³ —					2548 = 0
ii) 200 m Ste —					
07 m ³ side m.B Bg. ⑨					
@ 739.39/m ³ —					5176 = 0

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) Pk Retor Pallechide Tootha erichig, ya bale —					
1292 m side m.B. g. (9)					
@ 13078 = 89/m —					25150 =
(15) Pk's firing cantary for board —					
(i) from quitted Tiger 04 m.B. side m.B. g. (9)					
@ 3783 = 11/ek —					15132 =
(ii) from circular — 02 m.B. side m.B. g. (9)					
@ 3820 = 27/m —					7641 =
(16) 600 x 450 m rectangular —					
02 m.B. side m.B. g. (9)					7384 =
@ 3698 = 04/ek —					7384 =
(16) Pk's firing cantary Pike —					
16 m.B. side m.B. g. (9)					
@ 633 = 18/ek —					10139 =
(17) Planting of trees on road side —					
106 m.B. side m.B. g. (10)					
@ 1039 = 45/ek —					11081 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18) P.S. laying hot thread P/Chc Permt —					
2900m ² side m.B. of (10)					
@ 76255/m ² —					221128=
(19) P.S. laying 74000 m.B. 50000 —					
02900 = side m.B. of (10)					
@ 10415 = 44/m ² —					20831=
(20) P.S. 1/2 in C.M. (1:3) —					
2.88m ² side m.B. of (10)					
@ 57559/m ² —					16577=
(21) P.S. plastering with C.M. 1:3 —					
20.16m ² side m.B. of (10)					
@ 16719/m ² —					3371=
(22) Painting two coats on Propel —					
20.16m ² side m.B. of (10)					
@ 110227/m ² —					2223=
					4828689=
					4829192=
					4829589=
Add 12% 6.5T					579867=
					579443=
Add 1% L.S.					48291=
					48287=
Add 5% m.B. per					40000=
					5496990=

Continuation

54,96,419=00

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Details of actual measurement

Contents of area

Particulars

No.

L.

B.

D.

54,96,419.00

54,96,990.00

13741.00

13742.00

54,83,248.00

54,82,678.00

AB

22/0/23
20

Continuation

Allotment Lt No - 12WE / Dt - 03-02-2023
 Allotment amount ₹ - 54,83,248/-
 Bill value ₹ - 54,82,678/-

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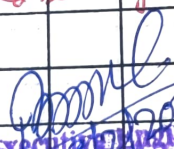
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Sch. XLV—Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
<u>Station A/C Bill</u>					
proposed value:-					54,82,678=00
previous payment:-					NIL,
Memo of payment:-					54,82,678=00
G. Tax@ 1/-					54,827=00
S. GST@ 1/-					54,827=00
C. GST@ 1/-					54,827=00
L. cen@ 1/-					54,827=00
SD@ 5/-					2,74,134=00
Royalty -					1,18,321=00
SF -					45,027=00
Planting of Trees -					77,127=00
Total deduction:-					7,33,917=00

By, CFMS e, payment ₹ - 47,48,761=00

Grand total ₹ - 54,82,678=00

passed for Rs. 54,82,678=00 (Fifty
 four lacs eighty two thousand six
 hundred seventy eight) only.


 J. D. Chatterjee
 W.D. & M. Division Chairman

Paid
 08/02/23

08/02/2023

Paid to CFMS
 2202549646
 Date 08-02-2023

Continuation