

PMWSY Road to MMWSY

Schedule XLV-Form No. 134

Executive Engineer
Rural Works Department
Muzir District, Mysore

DIVISION

(MMWSY)

MADHEPUR

SUB-DIVISION

1825

MEASUREMENT BOOK

Shambhu Nath Yadav.

Name to work—
 Situation of work—
 Agency by which work is executed—
 Date of measurement
 Name 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.	

1st on/AC Bill

Name of Work - Construction of
 Road and CD Work under
 MMGSY PMGSY Road to
 MMGSY

Name of Contractor - Mr. Shambhu
 Nath Yadav P.O. Tarwara
 P.S. Jamalpur Dist - Darbhanga

Agreement Amount - Rs 29,12,212.00

Date of start - 07/06/2021

Date of Completion - 06/12/2021

Date of Ag.

Agreement No 01560 Date 07/06/2021

Rate - 23.69 y. below.

1) Construction of granular Subbase
 with grading I material on
 prepared surface by mix in place
 method Complete with Watering,
 rolling and Compaction.

$$1 \times 16.50 \times \frac{1.50 + 1.00 + 3.40}{2} \times 10 = 6.544 \text{ m}^3$$

$$1 \times 14.00 \times \frac{3.75 + 3.30}{2} \times 10 = 5.285 \text{ m}^3$$

$$1 \times 11.20 \times \frac{5.50 + 6.00}{2} \times 10 = 6.440 \text{ m}^3$$

$$1 \times 15.00 \times \frac{3.75 + 3.60}{2} \times 10 = 5.557 \text{ m}^3$$

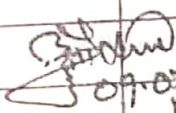
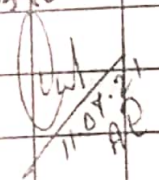
$$1 \times 15.00 \times \frac{3.60 + 3.40}{2} \times 10 = 5.450 \text{ m}^3$$

$$1 \times 15.00 \times \frac{3.60 + 3.69}{2} \times 10 = 5.467 \text{ m}^3$$

$$\text{Profile corner 1/20} \times 15.00 \times 2.00 \times 10 = 0.315 \text{ m}^3$$

$$1 \times 15.00 \times \frac{1.50 + 1.65}{2} \times 10 = 2.437 \text{ m}^3$$

Sch. XLV—Form No. 13d

Particulars	Details of actual measurement				Content area
	No.	L.	B.	D.	
Profile Corner					
	$1 \times \frac{10}{100} \times 15 \times 2.10 \times 0.10$				$= 0.315 \text{ m}^3$
	$1 \times 15 \times \frac{1.65 + 1.60}{2} \times 0.10$				$= 2.437 \text{ m}^3$
Profile	$1 \times \frac{10}{100} \times 15 \times 1.60 \times 0.10$				$= 0.240 \text{ m}^3$
	$1 \times 15 \times \frac{2.10 + 2.15}{2} \times 0.10$				$= 3.187 \text{ m}^3$
Profile	$1 \times \frac{10}{100} \times 6.80 \times 1.60 \times 0.10$				$= 0.109 \text{ m}^3$
	$1 \times 6.80 \times \frac{2.15 + 2}{2} \times 0.10$				$= 1.411 \text{ m}^3$
	$1 \times 2.20 \times \frac{3.60 + 3.75}{2} \times 0.10$				$= 0.809 \text{ m}^3$
	$1 \times 15 \times \frac{3.75 + 3.18 + 2.80}{3} \times 0.10$				$= 4.965$
Profile	$1 \times \frac{10}{100} \times 7.50 \times 1.80 \times 0.10$				$= 0.135 \text{ m}^3$
	$1 \times 7.50 \times \frac{1.38 + 1.35}{2} \times 0.10$				$= 1.248 \text{ m}^3$
Profile	$1 \times \frac{10}{100} \times 15 \times 1.80 \times 0.10$				$= 0.270 \text{ m}^3$
	$1 \times 15 \times \frac{1.55 + 1.53}{2} \times 0.10$				$= 2.910 \text{ m}^3$
Profile	$1 \times \frac{10}{100} \times 15 \times 1.80 \times 0.10$				$= 0.270 \text{ m}^3$
	$1 \times 15 \times \frac{2.20 + 1.53}{2} \times 0.10$				$= 3.097 \text{ m}^3$
Profile	$1 \times \frac{10}{100} \times 14.60 \times 2.20 \times 0.10$				$= 0.321 \text{ m}^3$
	$1 \times 14.60 \times \frac{1.53 + 1.55}{2} \times 0.10$				$= 2.248 \text{ m}^3$
Total					61.532 m^3
Limit to					60.950 m^3
 07.07.21 JE  11.07.21 AR					

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost					
1/1. P.W. and fixing working bench					
mark Pillar --- all complete					
V.T.M.B.P. 3 = 0.3102					
@ Rs 2552.65 each --- Rs 7658.00					
2/2. clearing and grubbing road					
land --- all complete					
V.T.M.B.P. 3 = 0.04100					
@ Rs 52570.33/m --- Rs 2113.70					
3/3. const. of embankment					
with material obtained					
from borrow pit ---					
all complete					

V.T.M.B.P. 3					
(2) For 1000 m ³ lead --- 43.88 m ³					
@ Rs 190.36/m ³ --- Rs 8352.00					
(22) For 100 m ³ lead --- 12.52 m ³					
@ Rs 150.09/m ³ --- Rs 27039.00					
4/4. const. of subgrade and					
earth shoulder with					
material obtained from					
1000 m ³ lead --- all complete					
V.T.M.B.P. 6 = 2.1225 m ³					
@ Rs 192.04/m ³ --- Rs 18355.00					
5/5. const. of G.S.B. Grading T					
by providing well graded					
material					
all complete					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D	
10/12 Ply and fixing of roof -					
galvanized iron					
wooden					
Sign Board - - - all complete					
V.T.M.B.P - 7					
11/12 600mm equilateral triangle -					
2,08 Nos @ Rs 2438.13 -					Rs 27987.00
12/12 900mm Side octagon - 1 set					
2,02 Nos @ Rs 8525.11 each -					Rs 17151.40
13/12 600x450mm rectangular					
2,00 Nos @ Rs 4600.00 each -					Rs 9200.00
14/12 Ply and laying of bat applied					
thermo plastic compound					
- - - all complete					
V.T.M.B.P - 7 = 2.25 sq m ²					
@ Rs 721.35/m ²					Rs 37902.00
15/12 Ply and fixing of typical					
mm size of rectangular sign					
Board - - - all complete					
V.T.M.B.P - 7 = 0.5 sq m					
@ Rs 11077.20 sq m					Rs 5538.60
					Rs 60883.60
Add 12% G.S.T. -					Rs 2417,307 = 00
Add 1% L.C. -					Rs 20608 = 00
Add 10% S.P. -					Rs 23,035 = 00
					Rs 2351,900 = 00
Less 23.69% below					Rs 5,57,165 = 00

Continuation

Executive Engineer
Rural Works Department
Works Division, Jhansi