

Karla Bageeli Passchiuschur

Therby XV-Panthe Bly

17.11.1954

54

THUR. P. W. D.

EE P.W.D. WORK - Warranted - DIVISION

Assistant Engineer P.W.D. SID-DIVISION

WORK Sub-Division - Baran

2520

Agency - Rajeev K. Singh

Certified that this M.B. contains
1w (one hundred) pages by Printer -
Machine and Issued to Shri Lal Bahadur
Ind. Ac. R.W.D. Wary Sub-Div. Baran.

Qid
SPD 9
Executive Engineer
Rural Works Division, at
Works Division, Aurangabad

Schedule XLV - Form No. 134.

E.E. Aurangabad DIVISION.

Ac. Baran SUB-DIVISION.

MEASUREMENT BOOK

2520

212215

Name of officer

Shri Lal Bahadur, P.I. Ac.

R.W.D. Wary Sub-Div. Baran.

Date of first entry

Date of last entry

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

3rd & A/C Bill

Name of work - Const. of Road

From Kaur Bawali path

to Bhunpur.

Name of Agency - Raydeo Kr.

Singh, Mayapuri New Area,

Aurangabad.

Agreement No - 35 SDD/20/9-20

Agreement Rate - 10% below
of B.O.G Rate -

Date of work start - 20-10-19

Date of completion - 10-10-20

Date of measurement

20-11-2020

Agreement Amt - 6271023 = ₹

① Prime coat - Providing
and applying primer

Coat - - - - -

$$1 \text{ No} \times 7.0 \times \frac{(5.0 + 3.75)}{2} = 30.625 \text{ m}^2$$

$$4 \text{ No} \times 30.0 \times 3.75 = 450.0 \text{ m}^2$$

$$\text{at curve} - 1 \text{ No} \times 30.0 \times 3.75 = 1125.0 \text{ m}^2$$

$$1 \text{ No} \times 12.0 \times \frac{(3.75 + 5.10 + 3.75)}{2} = 50.4 \text{ m}^2$$

$$1 \text{ No} \times 10.0 \times \frac{3}{2} = 37.50 \text{ m}^2$$

$$5 \text{ No} \times 30.0 \times 3.75 = 562.50 \text{ m}^2$$

$$1 \text{ No} \times 8.0 \times \frac{(3.75 + 5.10)}{2} = 35.40 \text{ m}^2$$

$$3 \text{ No} \times 30.0 \times 3.75 = 337.50 \text{ m}^2$$

$$1 \text{ No} \times 28.0 \times 3.75 = 105.0 \text{ m}^2$$

Continuation

Total Qty - 2733.525 m²

Say limit 0115

Sch. XLV-Form No. 134

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

$$BF = Qty = 2733.525 m^2$$

(2/9) Tack coat - Priming
and applying tack coat

1:10 bitumen - - - - -

Qty wide trans P- 25,

Same as in qty item,

$$No: \left(\frac{1}{8} \right) = 2733.525 m^2$$

(3/10) MSS- 20mm thick,
Type-B', - - - - -

Qty = Same as same

Qty wide items as (1/8)

$$= 2733.525 m^2$$

(4/13) ordanary k.m stone

Qty = 2.0 nos.

(5/13) ii, 200m stone.

Qty = 4.0 nos

(6/14) Priming & fixing
Logo of Project. - -

Qty = 3.0 nos

Qty = 2.0 nos

Continuation

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

(17)
Retro-reflective

Traffic Sign -

600 mm Equilateral

8 Triangle Qty = 10 Nos.

(18)
(170) 800 x 600 mm rectangle

Qty = 4.0 Nos.

(19)
(17) 600 x 450 rectangle

Qty = 4.0 Nos.

(20)
(14) Road marking with
Hot applied thermic

on B.T. Portion

Both sides

$$2 \times 20 \text{ Nos} \times 30.0 \times 0.10 = 120.0 \text{ m}^2$$

$$2 \times 3 \text{ Nos} \times 30.0 \times 0.10 = 180 \text{ m}^2$$

$$2 \times 25.0 \times 0.10 = 5.0 \text{ m}^2$$

$$= 143.0 \text{ m}^2$$

(21)
(19) Road marking with
Hot applied white

on C.C. Portion -

Both sides

$$2 \times 30 \text{ Nos} \times 30.0 \times 0.10 = 60.0 \text{ m}^2$$

(22)
(25+29) Painting on parapet
Wall -

$$2 \text{ Nos} \times 2 \times 3.60 \times 0.40 = 5.76 \text{ m}^2$$

$$2 \text{ Nos} \times 2 \times 3.60 \times 0.60 = 17.28 \text{ m}^2$$

$$2 \text{ Nos} \times 2 \times 0.40 \times 0.60 = 1.92 \text{ m}^2$$

$$1 \text{ Nos} \times 2 \times 6.15 \times 0.40 = 1.92 \text{ m}^2$$

$$1 \text{ Nos} \times 4 \times 6.15 \times 0.60 = 14.76 \text{ m}^2$$

$$1 \text{ Nos} \times 4 \times 0.40 \times 0.60 = 0.96 \text{ m}^2$$

$$46.60 \text{ m}^2$$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>(25) Construction of subgrade</u>					
and Earthwork calculations					
Do - do - do					
in BT portion,					
Adjacent of L.S.B.					
$2 \times 15 \text{ No} \times 30.0 \times (1.50 + 1.20) \times 0.20$					
$= 243.0 \text{ m}^3$					
$2 \times 5 \text{ No} \times 30.0 \times (1.50 + 1.20) \times 0.20$					
$= 81.0 \text{ m}^3$					
$2 \times 3 \text{ No} \times 30.0 \times 0.30 \times 0.20 = 10.8 \text{ m}^3$					
Adjacent of H.B.M. in BT					
$2 \times 15 \text{ No} \times 30.0 \times (1.20 + 1.0) \times 0.05 =$					
$= 74.25 \text{ m}^3$					
$2 \times 5 \text{ No} \times 30.0 \times (1.20 + 1.0) \times 0.05 =$					
$= 29.75 \text{ m}^3$					
$2 \times 5 \text{ No} \times 30.0 \times 0.250 \times 0.075 =$					
$= 5.625 \text{ m}^3$					
For C.C. Portion -					
Adjacent of L.S.B.					
$2 \times 7.0 \text{ No} \times 30.0 \times 0.375 \times 0.10 =$					
$= 15.75 \text{ m}^3$					
Adjacent of H.B.M.					
$2 \times 7.0 \text{ No} \times 30.0 \times 0.375 \times 0.075 = 16.875 \text{ m}^3$					
Adjacent of P.C.C.					
$2 \times 7.0 \times 30.0 \times 0.30 \times 0.160 = 20.16 \text{ m}^3$					
(Comp. Total) = 487.145 m ³					

Continuation

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

ABSTRACT OF COST.

(1) Providing & fixing of working

benchmarks ...

Qty wide TMB P-18 = 2.0

@ RS = 4223.06 / bench = 8446.12

(2) Reference pillar

Qty wide TMB P-18 = 4.0

@ RS = 1922.50 / bench = 7690.00

(3) clearing & grubbing

Road level ...

Qty wide TMB P-18 = 0.24 Hec

@ RS = 49789.47 / Hec = 12150.52

(4) Construction of Embank

ment for 100m level

Qty wide TMB P-21 = 895.53 m³

@ RS = 132.56 / m³ = 118,711.00

(5) Construction of Embank

ment up to 1000m level

Qty wide TMB P-21 = 280.0 m³

@ RS = 187.23 / m³ = 52,424.00

(6) Construction of Sub-

grade and Further

Shoulder ...

Qty wide TMB P-21 = 1964.41 m³

Cont = 222,536.00

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					$BF = RS = 2,22,586 = \infty$
					$B.F. = P.T.Y. = 1864.41 m^3$
					$P.T.Y. \text{ wide } T.M.B.P-23 = 487.143 m^3$
					$= 2451.55 m^3$
					$@ RS = 189.60 / m^3 = RS = 4,64,815 = \infty$
7/6					Ln. S.B. With wall
					Grounded materials -
					$P.T.Y. \text{ wide } T.M.B.P-21 = 705.43 m^3$
					$@ RS = 24.54.87 / m^3 = RS = 1731362 = \infty$
8/8					L.B.M. Lnc 3, Providing.
					1 drawing, Spreading and
					Comp. - - - - -
					$P.T.Y. \text{ wide } T.M.B.P-22$
					$= 291.18 m^3$
					$@ RS = 397.70 / m^3 = RS = 1,15,805 = \infty$
9/8					Prime coat - Providing
					2 applying Primer -
					- - - - -
					$P.T.Y. \text{ wide } T.M.B.P-25 = 2733.525 m^2$
					$@ RS = 54.92 / m^2 = RS = 1,50,125 = \infty$
10/9					Tack coat - Providing
					2 applying Tack - - - - -
					$P.T.Y. \text{ wide } T.M.B.P-25 = 2733.525 m^2$
					$@ RS = 18.43 / m^2 = RS = 50,379 = \infty$
11/10					M.S.S. 20mm thick,
					Type 'B' - - - - -
					$P.T.Y. \text{ wide } T.M.B.P-25 = 2733.525 m^2$
					Continuation
					$@ RS = 239.65 / m^2 = RS = 6,55,089 = \infty$
					$@ RS = 44,10,661 = \infty$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
BF = RS 4.41, 9.66/500					
(12/11) P.C.C. M30 grade of concrete. Do-1					
Qty wide Tm P-22 = 193.6 m ³					
@ RS = 6332.11 / m ³ RS = 12,63,555 = 00					
(13/13) Kilometre Stone.					
Qty wide Tm P-25 = 2.0 Nos					
@ RS = 2255.86 / each RS = 4512 = 00					
(14/136) 200 m Stone					
Qty wide Tm P-25 = 410 Nos.					
@ RS = 6419.38 / each RS = 2,599,200					
(15/14) Providing & Fixing layer of mmsy Paved.					
Qty wide Tm P-25 = 3.0					
@ RS = 10021.77 / each RS = 30065 = 00					
(16/17) Retro reflection traffic 600 mm square					
Qty wide Tm P-26 = 10.0 Nos.					
@ RS = 4039.19 / each RS = 40392 = 00					
(17/176) 800 mm x 600 mm mat					
Qty wide Tm P-26 = 4.0					
@ RS = 7705.70 / each RS = 30823 = 00					
(18/176) 600 x 450 mm mat					
Qty wide Tm P-26 = 4.0					
@ RS = 5329.26 / each = 21317 = 00					
(0 RS = 5803,924 = 00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>BF = RS = 58,089.24 = 00</u>					
(19) 18) Road marking with Lot applied ^{5T portion} - 20 - m -					
Qty wide Tms P-26 = 143.0 m ²					
@ RS = 850.93/m ² = RS = 1,21,683 = 00					
(20) 19) Road marking with Lot applied for C.C. Run					
Qty wide Tms P-26 = 60.0 m ²					
@ RS = 953.92/m ² = RS = 57,239 = 00					
(21) 21) Earth work in excavation for foundation - 20 - m -					
Qty wide Tms P-19 = 31.32 m ³					
@ RS = 285.71/m ³ = RS = 8948 = 00					
(22) 22) Providing mist (1:2:5:5) m leveling course - 20 - m					
Qty wide Tms P-19 = 5.70 m ³					
@ RS = 5459.04/m ³ = RS = 31,172 = 00					
(23) 23) P.C.C. M72 in Sub- Structure - 20 - m -					
Qty wide Tms P-20 = 30.025 m ³					
@ RS = 6488.05/m ³ = RS = 1,93,302 = 00					
(24) 24) Providing & laying P.C.C. pipe NR-3 - 600 mm					
Qty wide Tms P-15 = 0 m					
@ RS = 1080.37/m = RS = 16206 = 00					
@ RS = 62,324.19 = 00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Bf-PS = 62,324/19 = 00					
(25) Painting on Plaster					
(25+30) Wall. - - - - -					
Qty white tmpr P-26 = 45.60 m ²					
@ RS = 108.98/m ² = RS = 4969 = 00					
(26) Earth working & excavation					
(26) in foundation - - - - -					
Qty white tmpr P-20 = 29.80 m ³					
@ RS = 285.71/m ³ = RS = 8514 = 00					
(27) Binding mix (1:2.5:5)					
(27) as leveling course - - - - -					
Qty white tmpr P-20 = 4.60 m ³					
@ RS = 5459.04/m ³ = RS = 25112 = 00					
(28) P.C.C. Main sub-					
(28) - structure - - - - -					
Qty white tmpr P-20 = 33.74 m ³					
@ RS = 6438.05/m ³ = RS = 2,17,220 = 00					
(29) Binding & laying R.C.C.					
(29) N.P.3 pipe - - - - -					
Qty white tmpr P-29 = 7.50 m					
@ RS = 4126.44/m = RS = 30,948 = 00					
(30) Irrigation conduit - - -					
(30) Bricks, s.s. lag 30 mm c.f.					
(30) P.C.C. conduit - - - - -					
Qty white tmpr P-19 = 40.00					
@ RS = 973.33/m = RS = 38,933 = 00					
(0. RS = 65,58,115 = 00					

Continuation

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

$$BF = 128 = 65,531.5 = 00$$

31
32 Dismantling of existing

Structure - 1000 - 1000

$$Qty \text{ wide Tms } P-18 = 1.20 m^3$$

$$@ RS = 474.67 / m^3 = RS = 570 = 00$$

32 Dismantling of existing

33 Structure - 1000 - 1000

$$Qty \text{ wide Tms } P-18 = 31.66 m^3$$

$$@ RS = 228.40 / m^3 = RS = 7916 = 00$$

33 Removing all types

34 of Hume pipe and stately

1000 - 1000

$$Qty \text{ wide Tms } P-19 =$$

= 15.00

$$@ RS = 169.97 / m = RS = 2550 = 00$$

$$1000 \text{ full } = RS = 65,691.5 / 1000$$

$$\text{less } 1000 \text{ full } = 65,691.5 = 00$$

$$1000 \text{ full } = 65,691.5 = 00$$

$$\text{less previous full } = 47,76,885 = 00$$

$$\text{Net } RS = 11,35,101 = 00$$

Remains

0200 - 2021

J.E

34 Hand Shouldering =

12 Laying Brick Siding =

$$Qty \text{ wide Tms } P-28 = 240.00 m^2$$

$$@ RS = 525.24 / m^2 = RS = 1,26,058 = 00$$

$$Co. RS = 66,95,209 = 00$$

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

$$BF = RS = 66,95,209 = \infty$$

(35) Boundary Pillar /
 16 round post - - -

$$\text{Qty wire + ms P-28} \\ = 28.0 \text{ nbs}$$

$$@ RS = 529.88 / \text{each} = 14,835 = \infty$$

(36) Planting of Tree.
 and their one year

maintenance - - -

$$\text{Qty wire + ms P-28} \\ = 62.0 \text{ nbs}$$

$$@ RS = 749.73 / \text{each} = 46483 = \infty$$

$$\text{Qty wire + ms P-28} = 67,56,527 = \infty$$

$$\text{less 10\% below} = 6,75,653 = \infty$$

$$= 60,80,874 = \infty$$

$$\text{less Boundary Pillar} = 4,77,6,335 = \infty$$

$$\text{Net RS} = 13,04,039 = \infty$$

Ramp

02.02.2021

J.F.

11/4/21

AS, Ben

C & P

17/5/21