

Name of Road - Kewal Bigha Dalit Tola to
Baranwanpur Village
Ram ji Singh
Schedule XLV-Form No. 134
M.B No-7592

Est. Eng. R.W.D. Works
DIVISION

Bakhtigarh
SUB-DIVISION

Measurement Book

M.B No-7592

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item ① Control (clearing & grubbing)					BF = 2400.00 m ²
2 x 10 x 30.00 x 2.00					1200.00 "
2 x 1 x 30.00 x 2.00					120.00 "
2 x 1 x 20.00 x 2.00					80.00 "
					3300.00 m ²
∴ Hect = 3300.00 m ² / 10000					= 0.33 Hect
Item ② Construction of sub grade & parthen 6.00 m/spr - do - etc					
2 x 10 x 30.00 x 0.60 (40) x 0.300					108.00 m ³
2 x 8 x 30.00 x 0.60 (40) x 0.300					32.40 "
2 x 1 x 10.00 x 0.60 (40) x 0.300					3.60 "
2 x 10 x 30.00 x 1.125 x 0.300					202.50 "
2 x 8 x 30.00 x 1.125 x 0.300					162.00 "
2 x 1 x 10.00 x 1.125 x 0.300					6.75 "
					515.25 m ³
Item ③ Dismantling of cement concrete pavement by mach. means - do - etc					
1 x 10 x 30.00 x 3.75 x 0.160					180.00 m ³
1 x 8 x 30.00 x 3.75 x 0.160					154.00 "
1 x 1 x 10.00 x 3.75 x 0.160					6.00 "
					330.00 m ³

Continuation

PTD

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (4) Construction of curb by Rev. masonry work materials & etc.					
	4	6.00	2.00	0.100	4.80 m
	8	4.00	1.50	0.100	4.80 "
	5	7.00	1.50	0.100	3.50 "
	1	10.00	2.00	0.100	2.00 "
	1	4.80	1.75	0.100	0.84 "
	7	6.00	1.00	0.100	4.20 "
	10	3.00	1.50	0.100	4.50 "
	5	4.00	1.00	0.100	2.00 "
	8	2.50	1.00	0.100	2.00 "
	10	2.30	1.00	0.100	2.30 "
					30.94 m ³

Item (5)	Rev. laying, spreading & compacting stone aggregate of specific sizes to 40 mm & etc.					
		1	15.00	3.75	4.85	0.075 = 4.39 m ³
			15.00	4.05	3.75	0.075 = 4.39 "
			30.00	3.75	4.25	0.075 = 4.00 "
			30.00	4.05	3.75	0.075 = 9.00 "
			7	30.00	3.75	0.075 = 59.06 "
			1	20.00	3.75	0.075 = 5.62 "
			15.00	3.75	3.85	0.075 = 4.27 "
						90.95.73 m ³

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
				^{sq}
2800 (2800) 1/2 1/2 1/2 1/2				95.73 m
1 x 15.00 x 2.05 1/2 1/2 1/2 1/2				4.27 "
6 x 30.00 x 3.75 1/2 1/2 1/2 1/2				50.62 "
1 x 20.00 x 3.75 1/2 1/2 1/2 1/2				5.62 "
				156.24 m ²

Item (6) Prov. Applying
primer coat with
bitumen @ 100 g/m²
(RS-1) - do - etc.

1 x 15.00 x 2.75 + 4.05 =	58.50 m
1 x 15.00 x 4.05 + 3.75 =	58.50 "
1 x 30.00 x 3.75 + 4.25 =	120.00 "

1 x 30.00 x 4.25 + 3.75 =	120.00 "
7 x 30.00 x 3.75 =	787.50 "
1 x 20.00 x 3.75 =	75.00 "
1 x 15.00 x 3.75 + 3.85 =	57.00 "
1 x 15.00 x 3.85 + 3.75 =	57.00 "
6 x 30.00 x 2.75 =	675.00 "
1 x 20.00 x 3.75 =	75.00 "

2083.50 m²

Limit to 2083.13 m²

Item (7) Prov. Applying
sack coat with bitumen
- max @ 100 g/m² (RS-1)
- do - do - etc.

Qty of bitumen (7) = 2083.13 m²

Continuation

P.T.O.

Continued from this m.n

5

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (8) Prov. Paving & working of close grg. - 100 mm x 50 mm paving material of 20 mm thick - - do - etc.					
Qty same as item (6) = 2083.13 m					
Item (9) Prov. & applying tack coat with bitumen emulsion (131) - - do - do - etc.					
$1 \times 15.00 \times 3.75 + 4.05 = 58.50 \text{ m}^2$					
$1 \times 15.00 \times 4.05 + 3.75 = 58.50 \text{ m}^2$					
$1 \times 30.00 \times 3.75 + 4.05 = 120.00 \text{ m}^2$					
$1 \times 30.00 \times 4.05 + 3.75 = 120.00 \text{ m}^2$					
$7 \times 30.00 \times 3.75 = 787.50 \text{ m}^2$					
$1 \times 20.00 \times 3.75 = 75.00 \text{ m}^2$					
$1 \times 15.00 \times 3.75 + 3.05 = 57.00 \text{ m}^2$					
$1 \times 15.00 \times 3.85 + 3.75 = 57.00 \text{ m}^2$					
$6 \times 30.00 \times 3.75 = 675.00 \text{ m}^2$					
$1 \times 25.50 \times 3.75 = 95.62 \text{ m}^2$					
					2104.12 m ²

Continuation

PTD

Continued from this m. n

6

Sch. XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (10) Paving sand					
with 100-120 TPH					
batch type 4 m ³					
... do - do - etc.					
Area of bed (9) = 2104.12 m ²					
Qty = 2104.12 m ² × 0.075 = 52.603 m ³					
Length = 52.59 m ³					

Item (11) Construction of dry					
lean cement con-					
crete 4 m ³ base					
... do - do - etc.					
1 × 10.00 × 3.75 × 0.10 = 3.75 m ³					
1 × 6.00 × 3.75 × 0.10 = 2.25 m ³					
1 × 8.00 × 3.75 × 0.10 = 3.00 m ³					
1 × 12.00 × 3.75 × 0.10 = 4.50 m ³					
1 × 15.00 × 3.75 × 0.10 = 5.625 m ³					
1 × 9.00 × 3.75 × 0.10 = 3.375 m ³					
22.50 m ³					

Item (12) Construction of panel					
concrete P.C.C. base					
min thickness as					
per design m ³ 30					
grade ... do - etc.					
1 × 30.00 × 3.75 × 0.125 = 14.06 m ³					
2 × 30.00 × 3.75 × 0.125 = 28.12 m ³					
1 × 30.00 × 3.75 × 0.125 = 14.63 m ³					
56.82 m ³					

Continuation

P.T.O.

Continued from this m.d

7

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					mf = 56.82m ³
Item (12) Cost of (cons to 91					
land concrete)					
1 x 30.00 x 4.05 x 0.125					14.63"
4 x 30.00 x 3.75 x 0.125					56.25"
1 x 30.00 x 3.75 x 4.05 x 0.125					14.63"
1 x 30.00 x 4.05 x 0.125					14.63"
1 x 40.00 x 4.05 x 0.125					20.95"
1 x 30.00 x 3.75 x 0.125					14.06"
					141.27m
					4 unit to 191.25 m

Item (13) Supply and working					
at 4 30 mm dia					
run a pipe across					
coolage way in					
open area do etc					
3 x 2.5 m x 2 = 15.00 m.					
Item (14) For fixing of typical					
metallic infirmatory board					
with 100 do etc					
Infirmatory 100 x 80 mm					
ten 400 mm					3.00 nos.

Continuation
29/09/23
J.E.

PTD

Carditoid had thin m.d

8

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Material statement					
(i) Earth					515.25 m ³
(ii) 26.5 to 9.5 mm s/a					12.99 m ³
(iii) 9.5 to 2.36 mm s/a					9.282 m ³
(iv) 2.36 mm below (local sand)					14.85 m ³
(v) 50 mm to 22.4 mm s/a					189.05 m ³
(vi) Stone screening					37.50 m ³
(vii) Stone crushed aggregate					56.24 m ³
(viii) 9.5 to 4.75 mm s/a					43.81 m ³
(ix) 4.75 below s/a					31.50 m ³
(x) Crushed stone coarse agg					20.25 m ³
(xi) 20 mm aggregate					103.275 m ³
(xii) 10 mm aggregate					63.83 m ³
(xiii) Coarse sand					96.19 m ³
(xiv) Coarse sand (SS-1)					1.771 m ³
(xv) Coarse sand (RS-1)					1.146 m ³
(xvi) Coarse sand (S-90)					10.2708 m ³
Date					
29/09/20					
J.E.					
C&P					
03/10/20					

Continuation

P.T.D

Continuation

P.T.O

Continuation

28

1512124