

શ્રીશ્રી MR-3054 ગ્રામીણ સર્વેક્ષણ - ૧૧/૧૧/૧૧

Measurement Book

Schedule XLV-Form No. 134

Agreement No. 24MBD/2022-23

DIVISION

Executive Engineer
R.W.D. Works Division
Balsand

SUB-DIVISION

498

Rumisaipur.

Rajivish Kumar.

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 commencement of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
NAME of work:-					corr. of road
					with 05 years maintenance
					from Dhaurahat to
					Bagra.
Agency:-					Sri Rajnish Kumar
Ag. No:-					29/MSD/2022-23.
D/O/S -					22/09/2022
P/O/C -					21/06/2023
D/O/A/C -					
Recorded measurement					
Part of entry:-					
① P/F of typical m/c					
beam with 'logs' to					
as per task sh					
m I B = 0.1 m					
② E/W in excavation					
for structure etc -					
as per task sh					
1 for 3.00 m x 2.00 m Rec chd					
Abt 2 x 9.10 x 2.30 x 1.60 = 66.92 m ³					
R/W 2 x 2 x 1.40 x 2.12 x 1.60 = 21.71 m ³					
for H P culvert (1000mm)					
H.W portion					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of measurement				Contents of area
	No.	L.	B.	D.	
Date of Entry:-					
① PLY PCC mix (1:2:5:5)					
as landing course					
to be on per ten					
sh & etc condition					
(for 3 x 5.00 m x 5.00 m Rect culvert)					
Abt.	2	10.36	3.40	0.20	14.09 m ³
Pier P, & D ₂	2	9.40	1.90	0.20	7.14 "
R/Wall					
At side	2	2.17	3.12	0.20	2.71 "
Arch	8	1.17	3.12	0.20	1.46 "
cut off wall					
D/S portion					
	1	23.55	1.40	0.15	3.53 "
D/S	1	23.55	0.475	0.15	1.68 "
C/Wall	2	0.60	1.40	0.15	0.18 "
for 3.00 m x 2.00 m Rect culvert					
abt.	2	9.10	2.30	0.20	8.37 "
R/W	4	1.60	2.12	0.20	2.71 "
for 1000 mm dia 4p culvert					
	2	6.45	1.40	0.15	2.71 "
					44.58 m ³
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Date of Entry:-</u>					
① B/W (1:4) in foundry					
— as per spec.					
(for 2x5.00m x 3.00m Rec slab column)					
Abt.	2x	$\frac{10.16+8.36}{2}$	$\frac{3.20+2.30}{2}$	x 2.00	101.86 m ³
Pier	P ₁ & P ₂	2x 7.50	$\frac{1.23+1.03}{2}$	x 2.00	33.90 m ³
S/Circular portion.					
	R	$\frac{1230}{2}$			615 mm
	A ₁	$\frac{1}{2} \times \frac{22}{7} \times (0.615)^2$			0.597 m ²
	r	$\frac{1030}{2}$			515 mm
	A ₂	$\frac{1}{2} \times \frac{22}{7} \times (0.515)^2$			0.415 m ²
for 2 pier	A (m ²)	$\frac{0.597+0.415}{2}$			0.505 m ²
P ₁ & P ₂	V ₂	2x 2x 0.505		x 2.00	4.04 m ³
R/W					
A ₁	2x	2.17	$\frac{2.92+2.02}{2}$	x 2.00	21.73 m ³
	2x	1.17	$\frac{2.92+2.02}{2}$	x 2.00	11.56 m ³
cut off wall					
D/S	1x	23.55	$\frac{0.82+0.375}{2}$	x 1.90	26.29 m ³
U/S	1x	23.55	0.425 (av)	x 1.90	21.25 m ³
cross wall (D/S)					
	2x	$\frac{0.60+1.65}{2}$	$\frac{0.82+0.375}{2}$	x 1.90	2.51 m ³
c/wall (U/S)	2x	$\frac{0.00+0.60}{2}$	$\frac{0.82+0.375}{2}$	x 1.90	0.67 m ³
				+ 2.00	223.51 m ³

Continuation

M:2
22/01/23
JL

M:2
22/01/23
A.E.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Rate of Entry 1-					
① G/W (1:4) in foundation					
— to — → per meter					
Specification					
1 for 3.00m x 2.00m RCC slab column					
Abt					
$2 \times \frac{3.10 + 2.10}{2} \times \frac{2.10 + 1.10}{2} \times 1.40$					41.83 m ³
R/W					
$4 \times 1.60 \times \frac{1.915 + 1.315}{2} \times 1.40$					14.47 m ³
					56.30 m ³
② P/W PCC m20 in slab					
Structure — to — → m					
— to — → m					
— to — → m					
H.W					
$2 \times 6.15 \times \frac{1.25 + 0.90}{2} \times 2.58$					26.18 m ³
Cur for pte					
$2 \times 0.7857 \times (1.23)^2 \times 0.622$					1.48 m ³
					27.70 m ³
③ E/W in excavation for structure					
— to — → m					
for 1000 mm 4P column					
Below pte					
$4.85 \times 1.53 (1.10) \times 0.365$					2.71 m ³
④ P/W PCC m15 as levelling					
Course — to — → m					
Below pipe					
$1 \times 4.95 (1.10) \times 1.53 \times 0.20$					1.89 m ³
Cur for					
pipe curved.. $0.24 \times 0.7857 \times (1.23)^2 \times 5.50$					1.63 m ³
for					
					0.26 m ³

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Date of entry:-</u>					
⑤ P/C Rec npt					
pipe for vibrator					
— do — as in —					
SL					
3x 2.50m =				7.50m	
<u>M.T</u> 23/01/23 J.E <u>23/01/23</u> A.E					
<u>Date of entry:-</u>					
① B/W (1:4) in sub-stru					
— do — as in —					
Specification					
for 3x 5.00m x 3.00m Rec Slab Culvert					
Abt.		2.10 + 0.70	2.80		58.80 m ³
2x 7.50 x		2			
Pier P ₁ & P ₂		1.03 + 0.75	2.80		37.38 m ³
2x 7.00 x		2			
S/Circular portion					
$A_1 = \frac{22}{7} \times \left(\frac{0.515}{2}\right)^2$					= 0.415 m ²
$A_2 = \frac{22}{7} \times \left(\frac{0.375}{2}\right)^2$					= 0.220 m ²
for P ₁ & P ₂					
$A_{(av)} = \frac{0.415 + 0.220}{2}$					= 0.3175 m ²
V =		2 x 2 x	0.3175		= 3.56 m ³
R/Wall				1.495 + 0.560	
A_1	2x	$\frac{3.20 + 2.265}{2}$	$\times \frac{1.495 + 0.560}{2}$		= 15.72 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Rate	2.20 + 1.265	1.495 + 0.560	2.80		9.92 m ³
2 x	2				125.845 m ³
(2) E/W in excavation for					
Structure - as per					
specification					
(for 3x5.0m x 3.0m RCC slab and 1)					
floor under deck slab					
2 x 7.50 x 4.30 x 0.300					29.02 m ³
Cut off wall					
flooring (0.15)					
1 x 22.80 x 0.875 x 0.250					4.99 m ³
D/S side 1 x 22.80 x 1.975 x 0.250					11.26 m ³
					45.27 m ³
(3) B/W (1:4) in sub structure					
(for 3.00m x 3.00m RCC slab)					
- as per					
specification					
ABT. 2 x 7.50 x 1.30 + 0.70				1.80	27.00 m ³
P/W 2 x 2 x 1.70 + 2.30			1.115 + 0.515	1.80	11.74 m ³
					38.74 m ³
(4) E/W in excavation for str.					
(for 3.00m x 2.00m RCC slab)					
floor under					
RCC slab					
1 x 7.50 x 1.40 x 0.300					3.15 m ³

30/01/23
A.E

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Gate of Entry:-</u>					
① Stone filling in					
foundry drainage - side wall					
for 3 x 5.00m x 3.00m RCC slab					
floor under Back slab					
3 x 7.12 x 2.30 x 0.120					12.51 m ³
cut off wall					
4) side	1	22.90	0.825	0.120	2.29 m ³
D/S side	1	22.90	1.925	0.120	2.50 m ³
(for 3.00m x 2.00m RCC slab ceiling)					
floor under Back slab					
1 x 2.12 x 2.65 x 0.120					2.78 m ³
total					23.98 m ³
(2) S/F/P/ HYSD RST in -					
Abt. Cap / B. Wall -					
for 3 x 5.00 x 5.00m RCC slab ceiling					
Abt. Cap / D/S wall					
H/Stirrup	12φ	51	1.65		82.15 m
V/Stirrup	12φ	51	1.225		82.98 m
Longitudinal	2φ 12φ	12	7.12		105.13 m
total					270.26 m
for 02 Abt.					
2 x 270.26					540.52 m ²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
plw cap					
stirrup					
12#	51	1.25 m			89.25 m ²
longi	12#	14	7.50 m		105.00 m ²
					194.25 m ²
for 02 nos plw (P ₁ & P ₂)					
					= 02 × 194.25 m ² = 388.50 m ²
					(5)
total 9 + 2 = (9) + (3)					
					= 942.76 m ²
					② 0.89 kg/m = 839.06 kg

02/02/27 02/02/28 A.T.

76

Rate of entry

① P/W RCC RIS (1:2.5:5)

as levelling course for

on p/w ten sh

(for 3 × 5.0 m × 5.0 m)

floor under Deck slab

$$3 \times 7.50 \times 4.30 \times 0.150 = 14.51 \text{ m}^3$$

cut off wall

$$\text{flooring (0/5)} 1 \times 23.55 \times 1.25 \times 0.150 = 4.42 \text{ m}^3$$

$$\text{flooring (0/5)} 1 \times 23.55 \times 2.350 \times 0.150 = 8.30 \text{ m}^3$$

$$22.23 \text{ m}^3$$

(9)

for 300 m × 2.00 m RCC slab

Continuation

[illegible]

Ques of Envy:-

Continuation

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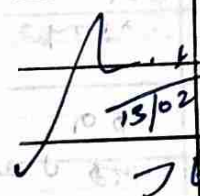
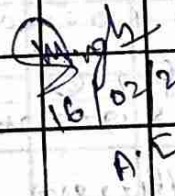
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Reck slab - 4 - 5 - 6					
1 for 3 x 5.00m x 3.00m Re					
Slab details)					
Bottom main 20#	76	5.975m			= 454.10m
Bottom Putri. 12#	48	7.70m			= 364.60m
Top main 12#	76	5.425m			= 412.30m
Top Putri. 12#	52	7.70			= 400.90m
Chair (12#)	12	1.25m			= 16.00m
Cep 12#	56	0.60			= 33.60m
Abt. of Reinforcement					
16# = 454.10m					
② 2.48 kg/m					= 1126.17kg
12# = 1231.90m					
② 0.89 kg/m					= 1096.39kg
					2222.56kg
Hence 03 slab					
= 03 x 2222.56					= 6667.68kg
					(9)
for curb					
vert/long 8#	2	1.41	1.25		= 352.50m
② 0.395 kg/m					= 139.23kg
					(5)

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Total	44	$\Sigma (9) + (6)$			
		$= 6806.9119$			

(3) Pls Bitumen painting over top surface to -					
per ten sq					
(for $3 \times 5.00 \text{ m} \times 3.00 \text{ m}$ Rec area)					
Plt cap	2	7.5	0.750		10.50 m ²
P/W (P. 4/12)	2	7.5	0.750		11.25 m ²
P/Wall	2	7.5	0.430		6.45 m ²
					total = 28.20 m ²

(4) Pls weepholes in abt.					
Strike masonry to -					
(for $3 \times 5.00 \text{ m} \times 3.00 \text{ m}$ Rec area)					
					total = 54 nos.

 15/02/23
 16/02/23
 J.E. A.E.

Case of entry -
 (1) Pls 4 laying Rec mats in Rec slab to -

per ten sq					
(for $3 \times 5.00 \text{ m} \times 3.00 \text{ m}$ Rec area)					
					$3 \times 7.5 \times 5.745 \times 0.430 = 55.58 \text{ m}^3$

(2) S/F/P 177 sq bgr in Rec slab to -

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
for 3m x 2m Rec					
(for 3.00m x 2.00m Rec					
Slab culvert)					
bottom main					
16 ϕ	61	3.80			$= 231.8 \text{ mtr}$
bottom Rest					$\textcircled{2} 1.58 \text{ kg/m} = 366.24 \text{ kg}$
12 ϕ	30	7.70			$= 231.00 \text{ mtr}$
Top main					$\textcircled{2} 0.89 \text{ kg/m} = 205.59 \text{ kg}$
10 ϕ	61	2.50			$= 153.22 \text{ kg}$
Top Ristr					$\textcircled{2} 0.62 \text{ kg/m} = 132.37 \text{ kg}$
10 ϕ	34	7.70			$= 261.8 \text{ mtr}$
					$\textcircled{2} 0.62 \text{ kg/m} = 162.31 \text{ kg}$
Choir	7	1.20			$= 8.40 \text{ mtr}$
12 ϕ					$\textcircled{2} 0.89 \text{ kg/m} = 7.48 \text{ kg}$
					$\text{Total} = 823.99 \text{ kg}$
for 3 x 5.00m x 3.00m Rec					
Slab culvert					
Curb	2	4	23.00		$= 188.00 \text{ mtr}$
8 ϕ					$\textcircled{2} 0.395 \text{ kg/m} = 74.26 \text{ kg}$
total ϕ = (9) + (6)					
					$= 948.25 \text{ kg}$
(3) PM Bottom Reinforcing wire					
top surface - 4-4 m					
5m					
for 3.00m x 2.00m Rec					
Slab					
Abt. Cap	2	5.00	0.30		$= 10.50 \text{ m}^2$
Splice	2	7.00	0.30		$= 4.20 \text{ m}^2$
					$\text{Total} = 15.00 \text{ m}^2$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) ply Weepholes in brick masonry -					
as per spec.					
(for 3.00 m x 2.00 m Rec slab elev)					
total = 40 nos					
5.) pcc m2 in Sub					
Structure -					
then Sh					
(for 1000 mm ϕ HP)					
parapet					
$2 \times 6.15 \times 0.40 \times 0.60$					2.95 m ³

(6) painting two coats					
including a primer					
coat -					
Sh					
(for 1000 mm ϕ HP)					
$2 \times 6.15 \times (1.2 + 0.6 + 1.2)$					36.9 m ²
Side $2 \times 2 \times 0.40 \times 1.2$					1.92 m ²
					38.82 m ²

21/02/23
 21/02/23
 A.C.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Rate of est-g/-</u>					
1) Pl. Rec m ² in					
Rec slab - do - m					
+ concrete specification					
(for 3.00m x 2.00m Rec slab column)					
1 x 7.50 x 3.56 x 0.30					8.01 m ³
Plastering with C.M.					
(1:4) - do - m ²					
Sp					
Abt. side in m	2 x 7.50	2.80			42.00 m ²
or P1 & P2	2 x 2 x 7.50	2.80			84.00 m ²
or S/portion					
P1 & P2)	2 x 2 x $\frac{22}{7}$	0.995			
				x 2.80	15.66 m ²
+ R/W	2 x 3.90	3.00			total 141.66 m ²
S/W (1:4) in sand					
- do - m ²					
Sp					
Wall (for 3 x 5.00m x 3.00m Rec slab column)					
A ₁	2 x $\frac{5.20 + 2.20}{2}$	$\frac{0.56 + 0.40}{2}$			2.48 m ³
				x 2.80	
	2 x $\frac{2.20 + 1.26}{2}$	$\frac{0.56 + 0.40}{2}$		x 0.48	1.59 m ³
R/Wall (for 3.00m x 2.00m Rec slab column)					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
R/wall					
(cotebe abt cap)					
2 x 2 x		$\frac{2.30 + 1.70}{2} = 2.00$	$\frac{0.515 + 0.90}{2} = 0.7075$		
				$\times 0.35 = 1.47 \text{ m}$	
				total =	5.53 m^3
L. 1/2					
28/02/23					
JE					

Rate of Entry:				
(1) Rec m in sub-				
structure - to -				
for 3.00 m x 2.00 m				
R/w coping				
2 x 2 x 2.30 x 0.90 x 0.150				0.55 m^3
for (3 x 5.00 m x 3.00 m)				
A1 2 x 3.30 x 0.90 x 0.150				0.90 m^3
PL 2 x 2.00 x 0.90 x 0.150				0.30 m^3
Kerb 2 x 23.55 x 0.80 x 0.40				8.48 m^3
				6.36 m^3
				9.73 m^3
(2) plaster brick work (1:3)				
in parapet - to -				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 for 3.00m x 2.00m Rec					6.00 m ²
clad culvert)					0.70 m ²
2 x 9.00 x 0.40 x 0.40					4.32 m ³
⑤ P/F Train sealing					0.22 m ²
compound top - 0.00 m					
slab for 3.00m x 2.00 culv)					
2 x 7.10 =					15.00 m ²
for 3 x 5.00m x 3.00m Rec					
culvert					

4 x 7.10 =					30.00 m ²
					35.00 m ²
④ plastering with c.m.					
(1:4) on brick to					
on m sh					
for 3.00m x 2.00m					
Abt					
(inner) 2 x 7.50 x 0.80					27.00 m ²
R/W 4 x 3.00 x 2.30					27.60 m ²
Parapet 2 x 9.00 x 1.40					28.80 m ²
Parapet					
2 x 2 x 0.40 x 0.60					0.96 m ²
for 3 x 5.00m x 3.00m Rec sls					
Abt R/W					
2 x 3.90 x 8.28					25.58 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Az 20/10	2	2.90	3.28		19.02 m²
			1.20		128.96 m²
(5) 2/10	1.5	2.00	2.00		
perimeter	4	2.00	2.00		
area	1.5	2.00	2.00		
perimeter	4	2.00	2.00		
	8	9.00	1.60		28.80 m ²
perimeter	4	0.70	0.60		0.96 m ²
					29.76 m ²
(6) cont. of substructure					
with materials obtained					

- 40 -	2			
for 3 x 5.0 x 3.0 Rec su				
1 x 45.0 x 6.0 (90) x 0.95				121.50 m ²
for 3.00 m x 2.00 m				
1 x 75.0 x 6.0 (90) x 0.95				202.50 m ²
				324.00 m ²
Lead up to 100 m				
= 10% of 324.00 m ²				
= 32.40 m ²				
Lead up to 100 m				
= 10% of 324.00 m ²				
= 32.40 m ²				
(6) 02/03/23				
02/03/23				
A.E.				

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>① Abstract of cut E/W for 1st</u>					
Qty side TMB, P-01, item-01 =					479.24m
Qty side TMB, P-05, item-03 =					2.71m ³
Qty side TMB, P-07, item-02 =					75.27m
				P-07, item-04 =	3.15m ³
				total =	525.27m
add 10% for slope (+)					52.52m
				total =	577.79m
1 x 2.00 x 1.00 (P.A.) cut					15.70m
for 2 x 2.00 x 3.00 cut					

<u>② Abstract of P.C.M 15</u>					
Qty side TMB, P-03, item-01 =					79.58m
— P-05, item-04 =					0.26m
— P-09, item-01 =					30.33m
				total =	75.17m

<u>③ Abstract of S.S. fill in</u>					
Qty side TMB, P-08, item-01 =					23.98m

<u>④ Abstract of S/W (1/4) in</u>					
Qty side TMB, P-07, item-01 =					223.51m
— P-05, item-01 =					56.30m

Continuation

277.81m

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

⑤ Abstract of 3/10/14

in sub-structure

Qty side TMB, P-06, item-01	125.875 m ³
Qty side TMB, P-07, item-03	38.74 m ³
Qty side TMB, P-17, item-03	5.53 m ³
total = 170.15 m ³	

⑥ Abstract of Reinforcement

Qty side TMB, P-11, item-01	297.08 kg
Qty side TMB, P-12, item-02	467.68 kg
Qty side TMB, P-12, item-02	6806.91 kg
Qty side TMB, P-08, item-04	339.06 kg
Qty side TMB, P-17, item-04	948.25 kg

total = 8891.30 kg

Qty = 8.89 MT

⑦ Abstract of PCC in

sub-structure

Qty side TMB, P-05, item-02	29.70 m ³
Qty side TMB, P-12, item-02	8.465 m ³
Qty side TMB, P-12, item-01	3.90 m ³
Qty side TMB, P-16, item-05	2.95 m ³
Qty side TMB, P-18, item-01	9.73 m ³
total = 77.745 m ³	

02/05/23
J.E.

02/03/23
A.E.

Continuation

Rate of entry:-	
① clearing & grubbing work	
km - to - m	
Shm	
$2 \times 25 \times 30.00 \times 1.00 = 1500.00$	
$2 \times 25 \times 30.00 \times 1.00 = 1500.00$	
$2 \times 25 \times 30.00 \times 1.00 = 1500.00$	
$2 \times 25 \times 30.00 \times 1.00 = 1500.00$	
$2 \times 25 \times 30.00 \times 1.00 = 1500.00$	
$2 \times 25 \times 30.00 \times 1.00 = 1500.00$	
$2 \times 02.00 \times 1.00 = 4.00$	
Total	7504.00
say	0.25 hr
② cost of L50-II	
- to - m - hr	

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<i>Span</i>					
<i>as per pit measurement</i>					
$4 \times 4.16 \times 2.12 \times 0.175$					6.17 m^3
$3 \times 4.15 \times 2.05 \times 0.175$					4.93 m^3
$1 \times 5.65 \times 2.62 \times 0.150$					2.20 "
$1 \times 3.13 \times 2.04 \times 0.175$					1.12 "
$1 \times 1.25 \times 2.20 \times 0.175$					0.98 "
$1 \times 6.35 \times 1.74 \times 0.125$					1.93 "
$1 \times 6.93 \times 2.22 \times 0.175$					2.69 "
$1 \times 3.64 \times 2.57 \times 0.175$					1.62 "
$1 \times 3.40 \times 2.23 \times 0.175$					1.90 "
$1 \times 2.24 \times 1.67 \times 0.175$					0.65 "
$1 \times 6.41 \times 2.32 \times 0.175$					2.68 "
$1 \times 3.03 \times 2.25 \times 0.175$					1.19 "
$5 \times 2.33 \times 1.30 \times 0.175$					2.65 "
$1 \times 3.70 \times 2.56 \times 0.175$					1.01 "
$1 \times 3.06 \times 1.75 \times 0.175$					0.78 "
$1 \times 2.23 \times 1.67 \times 0.175$					0.65 "
$1 \times 3.10 \times 2.35 \times 0.15$					1.09 "
$1 \times 2.30 \times 2.54 \times 0.175$					1.02 "
$1 \times 0.92 \times 1.73 \times 0.175$					0.28 "
$1 \times 3.82 \times 2.55 \times 0.175$					1.22 "
$1 \times 1.95 \times 1.04 \times 0.175$					0.25 "
$1 \times 3.90 \times 2.53 \times 0.175$					1.51 "

Continuation

Date of entry: -			
①	P/L 151C	WOM (11)	- to -
	as per	teen	sh
	(10 per	got measurement)	
	4 x 2.84	x 2.16 x 0.075	2.75 m
	3 x 4.35	x 2.11 x 0.075	2.02 "
	2 x 4.67	x 1.59 x 0.075	1.11 "
	87 x 0.50	x 0.50 x 0.075	1.96 "
	1 x 2.39	x 2.22 x 0.075	0.40 "
	24 x 4.00	x 1.57 x 0.075	11.30 "
	1 x 5.73	x 2.46 x 0.075	1.14 "
	1 x 3.23	x 2.10 x 0.075	0.51 "
	1 x 1.30	x 2.28 x 0.075	0.22 "
	1 x 6.43	x 1.78 x 0.075	0.80 "

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 7.03 x 2.28 x 0.075					1.20 ✓ 0.86
2 x 13.30 x 1.83 x 0.075					3.65 ✓
1 x 3.72 x 2.58 x 0.075					0.72 ✓
1 x 3.70 x 2.29 x 0.075					0.69 ✓
1 x 2.25 x 1.75 x 0.075					0.30 ✓
1 x 6.69 x 2.36 x 0.075					1.18 ✓
1 x 3.13 x 2.31 x 0.075					0.59 ✓
11 x 2.38 x 1.38 x 0.075					2.71 ✓
1 x 3.78 x 2.60 x 0.075					0.95 ✓
1 x 3.16 x 1.51 x 0.075					0.36 ✓
1 x 4.73 x 1.70 x 0.075					0.61 ✓
1 x 0.75 x 1.38 x 0.075					0.08 ✓
1 x 4.41 x 2.04 x 0.075					0.67 ✓
1 x 3.77 x 1.42 x 0.075					0.35 ✓
2 x 10.20 x 5.45 x 0.075					8.17 ✓
2 x 4.50 x 4.05 x 0.075					2.73 ✓
1 x 1.52 x 2.08 x 0.075					1.02 ✓
8 x 2.97 x 1.24 x 0.075					2.21 ✓
1 x 3.98 x 2.03 x 0.075					0.53 ✓
2 x 2.55 x 2.10 x 0.075					0.80 ✓
1 x 3.19 x 1.59 x 0.075					0.38 ✓
1 x 4.07 x 2.17 x 0.075					0.66 ✓
21 x 4.36 x 2.33 x 0.075					16.00 ✓
35 x 1.70 x 1.95 x 0.075					8.70 ✓
2 x 1.18 x 2.21 x 0.075					0.39 ✓
1 x 1.72 x 1.27 x 0.075					0.16 ✓

Continuation

27
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2 x	1.68 x	1.79 x	0.075	0.35 m ³ ✓
	1 x	1.79 x	1.37 x	0.075	0.18 m ³ ✓
	29 x	2.13 x	1.98 x	0.075	6.86 m ³ ✓
	1 x	2.26 x	2.26 x	0.075	0.38 m ³ ✓
	3 x	2.32 x	2.23 x	0.075	1.16 m ³ ✓
	1 x	2.07 x	1.52 x	0.075	0.24 m ³ ✓
	1 x	2.38 x	2.21 x	0.075	0.35 m ³ ✓
	1 x	2.21 x	0.97 x	0.075	0.16 m ³ ✓
	1 x	2.14 x	2.22 x	0.075	0.36 m ³ ✓
	1 x	2.28 x	1.75 x	0.075	0.30 m ³ ✓
	1 x	3.18 x	2.39 x	0.075	0.57 m ³ ✓
	1 x	2.95 x	2.66 x	0.075	0.47 m ³ ✓
	6 x	0.52 x	1.81 x	0.075	0.75 m ³ ✓
	1 x	3.90 x	2.59 x	0.075	0.76 m ³ ✓
	1 x	1.55 x	1.10 x	0.075	0.13 m ³ ✓
	1 x	3.45 x	2.61 x	0.075	0.88 m ³ ✓
	1 x	3.08 x	2.53 x	0.075	0.58 m ³ ✓
	1 x	2.80 x	1.36 x	0.075	0.29 m ³ ✓
	1 x	2.90 x	1.24 x	0.075	0.22 m ³ ✓
	1 x	5.31 x	2.24 x	0.075	0.83 m ³ ✓
	4 x	3.64 x	2.19 x	0.075	2.39 m ³ ✓
	1 x	3.60 x	1.16 x	0.075	0.31 m ³ ✓
	7 x	2.24 x	1.85 x	0.075	2.22 m ³ ✓
	1 x	2.61 x	1.85 x	0.075	0.92 m ³ ✓
	5 x	3.03 x	1.83 x	0.075	2.15 m ³ ✓
	6 x	2.33 x	1.31 x	0.075	1.37 m ³ ✓

Continuation

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Rate of Entry:-					
① P/4/5/C WBM-III					
15 - 9 m Tan					
chank					
from ch. 14.9 km - 3.75 km					
1x	25.00	x 4.00	x 0.075	-	7.50 m ³
2x	30.00	x 3.75	x 0.075	-	8.44 "
1x	13.00	x 3.60	x 0.075	-	3.51 "
3x	30.00	x 3.75	x 0.075	-	25.31 "
1x	28.00	x 4.10	x 0.075	-	8.61 "
1x	30.00	x 3.75	x 0.075	-	11.31 "
1x	22.00	x 3.80	x 0.075	-	6.22 "
1x	12.00	x 3.60	x 0.075	-	3.24 "
5x	30.00	x 3.75	x 0.075	-	42.19 "
1x	24.00	x $\frac{3.75+4.10}{2}$	x 0.075	-	7.07 "
1x	10.00	x $\frac{4.10+5.30}{2}$	x 0.075	-	3.53 "
1x	5.50	x $\frac{5.30+5.60}{2}$	x 0.075	-	2.25 "
1x	9.00	x $\frac{5.10+4.60}{2}$	x 0.075	-	3.35 "
1x	25.00	x 4.10	x 0.075	-	7.69 "
1x	30.00	x $\frac{4.30+3.90}{2}$	x 0.075	-	9.23 "
1x	8.00	x $\frac{3.90+3.80}{2}$	x 0.075	-	2.45 "
5x	30.00	x 3.75	x 0.075	-	42.19 "
10x	30.00	x 3.75	x 0.075	-	84.38 "
15x	30.00	x 3.75	x 0.075	-	126.56 "
16x	30.00	x 3.75	x 0.075	-	135.00 "

Continuation

30
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	12.70	3.75	0.075	4.89 m ³
	1	11.20	$\frac{4.10 + 2.70}{2}$	0.075	3.51 "
	1	30.00	3.75	0.075	8.94 "
	1	21.40	3.75	0.075	5.91 "
	2	30.00	3.75	0.075	25.31 "
	1	17.00	3.75	0.075	4.78 "
	1	16.20	3.60	0.075	2.25 "
	4	30.00	3.75	0.075	33.75 "
	1	16.00	3.75	0.075	4.10 "
A1, A2	5	22.00	$\frac{4.05 + 5.20 + 6.80}{3}$	0.075	9.18 m ³

	1	21.00	$\frac{4.00 + 5.15 + 3.80}{3}$		
	5	11.00	2.00	0.075	8.27 m ³
	1	25.50	$\frac{3.80 + 3.90}{2}$	0.075	7.31 "
	11	30.00	3.75	0.075	92.81 "
	14	30.00	3.75	0.075	118.13 "
	1	21.00	3.75	0.075	6.05 "
Curve Extra					
C1	2	$\frac{1}{2}$	0.30	10.00	0.23 "
C2	2	$\frac{1}{2}$	1.00	0.55	0.41 "
C3	2	$\frac{1}{2}$	8.00	2.75	1.65 "
C4	2	$\frac{1}{2}$	9.00	1.50	1.01 "
C5	2	$\frac{1}{2}$	8.00	0.85	0.51 "
C6	2	$\frac{1}{2}$	10.00	0.55	0.41 "
C7	2	$\frac{1}{2}$	8.00	1.05	0.63 "

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
C ₈	2	$\times \frac{1}{2}$	$\times 2.40$	$\times 8.00$	1.94 "
C ₉ & C ₁₀	2	$\times 2 \times \frac{1}{2}$	$\times 9.00$	$\times 1.60$	2.16 "
C ₁₁	2	$\times \frac{1}{2}$	$\times 15.00$	$\times 0.85$	0.96 "
C ₁₂	2	$\times \frac{1}{2}$	$\times 18.00$	$\times 1.45$	1.96 "
C ₁₃ & C ₁₄ & C ₁₅	3	$\times 2 \times \frac{1}{2}$	$\times 0.85$	$\times 10.00$	1.91 m ³
			Total -		995.75 m ³
(9)					
for CC portion					
profile correct					
	2	$\times 1.10$	$\times 0.45$	$\times 0.075$	0.07 m ³
	1	$\times 3.40$	$\times 1.05$	$\times 0.075$	0.28 "
	8	$\times 1.10$	$\times 1.90$	$\times 0.075$	1.25 "
	3	$\times 5.05$	$\times 2.20$	$\times 0.075$	2.50 "
	2	$\times 1.20$	$\times 2.10$	$\times 0.075$	1.32 "
	18	$\times 2.45$	$\times 0.90$	$\times 0.075$	2.98 "
	3	$\times 0.50$	$\times 1.10$	$\times 0.075$	0.30 "
	1	$\times 6.00$	$\times 1.96$	$\times 0.075$	0.88 "
	2	$\times 3.55$	$\times 1.98$	$\times 0.075$	3.55 "
	2	$\times 2.57$	$\times 1.68$	$\times 0.075$	1.91 "
	3	$\times 5.05$	$\times 2.20$	$\times 0.075$	2.50 "
	2	$\times 2.43$	$\times 1.75$	$\times 0.075$	2.23 "
					19.78 m ³
(b)					
Total = (9) + (b)					
					1015.54 m ³

Continuation

Li:
12/09/23
SE

Wingh
12/04/23
A.E.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Rate of Entry:-</u>					
(1) P/A primer coat					
with bitumen					
emulsion (SS-J) - do					
- on sh					
1x	25.00	x	4.00		- 100.00 m ²
1x	30.00	x	3.75		- 112.50 "
1x	13.00	x	3.60		- 46.80 "
3x	30.00	x	3.75		- 337.50 "
1x	28.00	x	4.10		- 114.80 "
14x	30.00	x	3.25		- 135.75 "
1x	22.00	x	3.80		- 83.60 "
1x	12.00	x	3.60		- 43.20 "
5x	30.00	x	3.75		- 562.50 "
1x	24.00	x	$\frac{3.75 + 4.10}{2}$		- 94.20 "
1x	10.00	x	$\frac{4.10 + 5.30}{2}$		- 47.00 "
1x	5.00	x	$\frac{5.30 + 5.60}{2}$		- 29.98 "
1x	9.20	x	$\frac{5.10 + 4.60}{2}$		- 44.62 "
1x	25.00	x	4.10		- 102.50 "
1x	30.00	x	$\frac{4.30 + 3.90}{2}$		- 123.00 "
1x	8.00	x	$\frac{3.90 + 3.80}{2}$		- 32.73 "
5x	30.00	x	3.75		- 562.50 "
10x	30.00	x	3.75		- 1125.00 "
15x	30.00	x	3.75		- 1687.50 "
1x	30.00	x	3.75		- 180.00 "

Continuation total - 6824.92 m²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Rate of Entry:-					
① cont. of m-					
reinforce CC m ³					
- to - m + m					
Spun					
1 x 9.10 x $\frac{4.00+3.50}{2}$ x 0.160 = 5.68 m ³					
2 x 30.00 x 3.75 x 0.160 = 36.00 m ³					
1 x 18.60 x 3.80 x 0.160 = 11.35 m ³					
52.99 m ³					
②					
1 x 9.00 x $\frac{3.90+3.30}{2}$ x 0.160 = 4.61 m ³					
1 x 30.00 x 3.75 x 0.160 = 18.00 m ³					
1 x 27.00 x 3.75 x 0.160 = 16.42 m ³					
39.93 m ³					
⑥					
Total Qty = (9) + (5)					
= 92.02 m ³					
② P/A prime coat					
(55-3) - to - m					
ten sh					
16 x 30.00 x 3.75 = 1800.00 m ²					
1 x 17.70 x 3.75 = 65.25 m ²					
1 x 11.00 x $\frac{4.10+4.70}{2}$ = 46.75 m ²					
1 x 30.00 x 3.75 = 112.50 m ²					
1 x 21.00 x 3.75 = 78.75 m ²					
3 x 30.00 x 3.75 = 337.50 m ²					

Continuation

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 17.00 x 3.75				-	63.75 m ²
1 x 10.20 x 3.60				-	36.72 "
4 x 30.00 x 3.75				-	450.00 "
1 x 16.00 x 3.75				-	60.00 "
1 x 22.00		4.05 + 5.80 + 2.80			122.10 "
		5			
1 x 21.00		6.80 + 5.15 + 3.80			110.25 "
		3			
1 x 25.50 x 3.95 + 3.75				-	98.18 "
		2			
11 x 30.00 x 3.75				-	1237.50 "
14 x 30.00 x 3.75				-	1575.00 "
1 x 21.00 x 3.75				-	80.63 "
Curve extra					
C ₁ 2 x 1/2 x 0.70 x 10.00				-	3.00 "
C ₂ 2 x 1/2 x 10.00 x 0.55				-	5.50 "
C ₃ 2 x 1/2 x 8.00 x 2.75				-	22.00 "
C ₄ 2 x 1/2 x 9.00 x 1.50				-	13.50 "
C ₅ 2 x 1/2 x 8.00 x 0.85				-	6.80 "
C ₆ 2 x 1/2 x 10.00 x 0.55				-	5.50 "
C ₇ 2 x 1/2 x 8.00 x 1.05				-	8.40 "
C ₈ 2 x 1/2 x 8.00 x 2.40				-	19.20 "
C ₉ C ₁₀ 2 x 2 x 1/2 x 9.00 x 1.60				-	28.80 "
C ₁₁ 2 x 1/2 x 15.00 x 0.85				-	12.75 "
C ₁₂ 2 x 1/2 x 18.00 x 1.45				-	26.10 "
C ₁₃ C ₁₄ C ₁₅ 3 x 2 x 1/2 x 10.00 x 0.85				-	25.50 "
				-	6451.92 "

Continuation

7E

01/06/23

A.E.

Continuation

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Date of entry:-					
① P/A Tuck Coor					
1 RS-1 - 40 - 50					
+ 50 - 50					
1x	25.00	x	4.00	-	100.00 m ²
1x	30.00	x	3.75	-	112.50 "
1x	13.00	x	3.60	-	46.80 "
3x	30.00	x	3.75	-	337.50 "
1x	28.00	x	4.10	-	114.80 "
18x	30.00	x	3.75	-	1575.00 "
1x	22.00	x	3.80	-	83.60 "
1x	12.00	x	3.60	-	43.20 "
5x	30.00	x	3.75	-	562.50 "
1x	24.00	x	$\frac{3.75 + 4.10}{2}$	-	94.20 "
1x	10.00	x	$\frac{4.10 + 5.30}{2}$	-	47.00 "
1x	5.00	x	$\frac{5.30 + 5.60}{2}$	-	29.98 "
1x	9.20	x	$\frac{5.10 + 4.60}{2}$	-	44.62 "
1x	25.00	x	4.10	-	102.50 "
1x	30.00	x	$\frac{4.30 + 3.90}{2}$	-	123.00 "
1x	8.00	x	$\frac{3.90 + 3.80}{2}$	-	32.73 "
5x	30.00	x	3.75	-	562.50 "
10x	30.00	x	3.75	-	1125.00 "
15x	30.00	x	3.75	-	1687.50 "
Total -					6829.92 m ²
② P/L SDBL CH 25					
+ 10 - 10					

Continuation

Date of Entry:-			
①	P/A	Rate Cost (RS/-)	
on	MSS	→ →	n
		tech	Spent on
	16 x 30.00 x 3.75		1800.00 m
	1 x 17.40 x 3.75		65.25 "
	1 x 11.00 x $\frac{4.10 + 4.40}{2}$		46.75 "
	1 x 30.00 x 3.75		112.50 "
	1 x 21.00 x 3.75		78.75 "
	3 x 30.00 x 3.75		337.50 "
	1 x 17.00 x 3.75		63.75 "
	1 x 10.20 x 3.60		36.72 "
	4 x 30.00 x 3.75		450.00 "
	1 x 16.00 x 3.75		60.00 "

Continuation

ch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 22.00 x		4.05 + 5.80 + 6.80	3		122.10 m ²
1 x 21.00 x		4.80 + 5.15 + 3.80	3		110.25 "
1 x 25.50 x		3.95 + 3.25	2		98.18 "
11 x 30.00 x		3.75			1237.50 "
14 x 30.00 x		3.75			1575.00 "
1 x 21.50 x		3.75			80.63 "
Carried Extra.					
C ₁	2 x $\frac{1}{2}$ x 0.30 x 10.00				3.00 m ²
C ₂	2 x $\frac{1}{2}$ x 10.00 x 0.55				5.50 "
C ₃	2 x $\frac{1}{2}$ x 08.00 x 2.75				22.00 "

C ₄	2 x $\frac{1}{2}$ x 9.00 x 2.75				13.50 "
C ₅	2 x $\frac{1}{2}$ x 8.00 x 0.85				6.80 "
C ₆	2 x $\frac{1}{2}$ x 10.00 x 0.55				5.50 "
C ₇	2 x $\frac{1}{2}$ x 8.00 x 1.05				8.40 "
C ₈	2 x $\frac{1}{2}$ x 8.00 x 2.40				19.20 "
C ₉ & C ₁₀	2 x 2 x $\frac{1}{2}$ x 9.00 x 1.60				28.80 "
C ₁₁	2 x $\frac{1}{2}$ x 15.00 x 0.85				12.75 "
C ₁₂	2 x $\frac{1}{2}$ x 18.00 x 1.45				26.10 "
C ₁₃ , C ₁₄ & C ₁₅	3 x 2 x $\frac{1}{2}$ x 10.00 x 0.85				25.50 "
Total					6451.92 m ²

② P/L SDBC of 25 mm

th.	40	07	pm
		45	
teen specification			

Continuation

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
LHS	1x1x	28.00	x 0.70	x 0.30	5.88 m ³
RHS	1x1x	17.00	x 0.70	x 0.30	3.57 "
	2x20x	30.00	x 0.70	x 0.30	336.00 "
	2x2x	30.00	x 0.65	x 0.30	23.90 "
	2x17x	30.00	x 0.70	x 0.35	244.90 "
	2x2x	30.00	x 0.55	x 0.30	19.80 "
	2x1x	14.00	x 0.70	x 0.30	5.04 "
LHS	1x1x	10x	0.70	x 0.30	2.10 "
RHS	1x1x	27.00	x 0.70	x 0.30	5.67 "
	2x9x	30.00	x 0.65	x 0.30	46.80 "
	2x3x	30.00	x 0.70	x 0.30	37.80 "
RHS	1x1x	30.00	x 0.70	x 0.30	6.30 "
	2x24x	30.00	x 0.70	x 0.37	332.54 "
	Total -				1478.48 m ³
Carry 9th side MB, P. 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000	57.12 m ³				
	Total 9th				1535.60 m ³
(2) Rec m 15 grade	Km Stone 1200m				
	Stone - do -				
	Km Stone - 0.5 m 100 - (9)				
	200m Stone - 15 m 100 (6)				
(3) P/E plane 4	direction identification				
	height - do - m				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ten Sh					
					$2 \times 1.20 \times 0.80 = 1.92 m^2$
(2) p/l of retro-reflective					
conditioning, regulated					
to illuminate Sh					
board - 4 - 3 m					
SL					
(i) 600 mm circular					
ridge - 12 nos					
(ii) 600 mm circular					
= 10 nos					
(iii) 600 mm x 450 mm H					
= 12 nos					
(5) p/l of 15 grad					
boundary pillars -					
- 3 m SL					
= 28 nos					
(6) p/l of HATC of					
2.5 mm th. - 40 - 3					
per ten Sh					
					$2 \times 25 \times 30.00 \times 0.10 = 150.00 m^2$
					$2 \times 25 \times 30.00 \times 0.10 = 150.00 m^2$
					$2 \times 25 \times 30.00 \times 0.10 = 150.00 m^2$
					$2 \times 25 \times 30.00 \times 0.10 = 150.00 m^2$
					$2 \times 25 \times 30.00 \times 0.10 = 150.00 m^2$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2x	1.25	0.20		1.00 m ²
	2x	3.80	0.20		1.52 m ²
	5x	1.20	0.20		1.20 m ²
	Total				753.72 m ²

(+) plantation of trees
by the road across
— do — do per tree
Specimen

(8) B/W (11.3) in parapet
— do — do per tree
Specimen

	2x	9.00	0.90	0.60	4.32 m ³
	2x	9.00	0.90	0.60	4.32 m ³
	2x	6.15	0.90	0.60	2.95 m ³
	2x	6.00	0.90	0.60	2.88 m ³
					14.47 m ³

(9) plastering with C.M. (1:4)
on brick work — do — do
per tree specimen

Side	2x	2x	9.00	0.60	0.40	21.60 m ²
Top	2x	3.00	0.40			7.20 m ²
front	4x	0.40	0.60			0.96 m ²
Side	2x	2x	9.00	0.60	0.40	21.60 m ²
TOP	2x	3.00	0.40			7.20 m ²

Continuation

(10) Printing two cards in
cluding a primer card
— to — m. Shw
guy name as item-03
of p. 44: 100.80 m²

— f	— b	~	sh
-----	-----	---	----

$$= 562$$

board	do	an	un	sh
-------	----	----	----	----

McIntire Board - 01/20

$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

4/5
Sue man
20/07/23
DE

Abstract of cost

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/1) clearing & grubbing road land (by manual means) - to as per spec					
Qty rate TMB, P-23, item-01					
0.75 ha @ 1559120.00/ha 15 44390.00					
(1/2) Cost of subgrade & earth shoulder - to as per spec					
Qty rate TMB, P-21, item-01					
1535.60 m ³ @ 237.50/m ³ 15 36470.50					
(3/3) cost of subgrade & sub granular sub- base - to - as per spec					
Qty rate TMB, D-23, item-01					
41.82 m ³ @ 2601.20/m ³ 15 108782.00					
(4/4) P/L 15/C WBM-IT - to - as per spec					
Qty rate TMB, P-25, item-01					
163.06 m ³ @ 5472.50/m ³ 15 892375.00					
(5/5) P/L 15/C WBM-IT - to - as per spec					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty side TMB, P-29, item-01 1015.52 m ² @ 11.52/10.10/m ² 11.52/10.652					
(6/6) P/A primer coat with bitumen emulsion (53-2) - do - do then 5pm					
Qty side TMB, P-32, item-01 6451.92 m ² TMB, P-35, item-02 13276.94 m ² @ 11.58.22/m ² 11.58.22/7729782					
(7/7) P/A Tack coat (RS-2) - do - do per then spread					
Qty side TMB, P-34, item-01 6451.92 m ² TMB, P-37, item-01 13276.84 m ² @ 11.20.19/m ² 11.20.19/2680592					
(8/8) P/C/R premium carpet of 20 mm thick - do then 5pm					
Qty side TMB, P-34, item-02 6451.92 m ² TMB, P-37, item-02 13276.84 m ² @ 11.26.18/m ² 11.26.18/39593682					
(9/9) P/A Tack coat with bitumen emulsion - do - do per then Sh					
6451.92 m ² TMB, P-38, item-01					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6824.92 m ²					
6451.92 m ² @ 2.7 m B, P-35, item-21					
13276.84 m ² @ 13.16 m B, 83/m, P-35					223999.0
(10/10) P/L SDBC of 7mm					
th. - to - in per ten					
Specimen					
170.623 m ³ @ 2.7 m B, P-38, item-22					
161.30 m ³ @ 2.7 m B, P-90, item-22					
331.923 m ³ @ 13.5 m B, 13.5/m, P-35					4574651.2
(11/12) Cont. of 4m-reinforcement					
CC pavement 17-30					
do - to - in per ten sh					
22.60 m ³ @ 2.7 m B, P-33, item-22					
92.02 m ³ @ 2.7 m B, P-35, item-21					
179.62 m ³ @ 13.16 m B, 83/m, P-35					1526512.0
(14/13) P/L RCC 175 km stone - to -					
do - to - in per ten sh					
Qty vid. TMB, P-42, item-2(2)					
05 nos @ 2625.00/m ³					13125.0
(13/12) P/L RCC 175 200 m stone					
do - to - in per ten sh					
Qty vid. TMB, P-42, item-2(5)					
15 nos @ 701.10/m ³					10516.5
(14/15) P/E direction &					
place identicals					
boqrd - to - in per ten					
Specimen					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty Site TMB, P-42, item-03					
1.92 m ² @ Rs 14926.33/m ²					28660.00
(15/16) P/F of retro-reflective					
cautionary, mandatory &					
informatory sign board					
— 4 — as per					
(600 mm x 450 mm)					
Qty Site TMB, P-43, item-4(i)					
12 nos @ Rs 4422.38/m ²				A	53069.40
(16/17) P/F of retro-reflective					
cautionary, mandatory &					
board — 4 — as per					
(600 mm x 450 mm)					
Qty Site TMB, P-43, item-4(ii)					
10 nos @ Rs 4362.07/m ²					43620.70
(17/18) P/F of retro-reflective					
cautionary, mandatory &					
informatory sign board — 4 —					
— 4 — as per					
(600 mm x 450 mm rectangle)					
Qty Site TMB, P-43, item-4(iii)					
12 nos @ Rs 4218.34/m ²					50620.08
(18/19) P/F of HATC of 2.0m					
th. — 4 — as per					
specification					
Qty Site TMB, P-43, item-06					
753.72 m ² @ Rs 803.10/m ²					605310.00
(19/20) P/F of RCC MIS					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
boundary pillar etc.					
— no m + cu sh					
Qty site TMB, P-93, item - 05					
28 nos @ 10 568.69/m					15211.0
(20/20) printing and labor					
4 diggers of 100 sh					
— do — m + cu					
sh					
Qty site TMB, P-95, item 11					
562 @ 10 0.61					343.0
(21/21) planting of trees					
by the road given site					
— do — m + cu					
283.00 nos @ 10 1063.59/m					300996.0
(22/23) typical P/F of 1/2" baffle					
of m/c 354 — to —					
per m/c specification					
Qty site TMB, P.					
01 no site TMB, P-01, item-01					
01 no site TMB, P-95, item-12					
02 nos @ 10 10201.57/m					20403.0
(23/24+30+52) E/c in excavation					
for structure —					
— m + cu					
Qty site TMB, P-01, item-01					
577.91 m ³ @ 10 293.10/m ³					169385.0
(24/25+39) Sand filling in					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1.75 feet - 4.5 m					
1.75 feet					
Qty of TMB, P-21, item-03					
23.98 m ³ @ 556.63/m ³					13398.0
25/26+90+53					
1/4 pcc m ¹⁵ (1:2.5:5)					
on leveling course					
4-5 m 1.5					
Specimen					
Qty of TMB, P-21, item-02					
75.17 m ³ @ 7001.10/m ³					526273.0
25/27+41					
3/4 (1:4) in feet					
4-5 m specimen					
Qty of TMB, P-21, item-09					
279.81 m ³ @ 5830.20/m ³					1631348.0
27/28+42					
3/4 (1:4) in sub-structure					
4-5 m pcc then sh					
Qty of TMB, P-22, item-05					
170.115 m ³ @ 6040.59/m ³					1027580.0
25/32					
S/F/P HYSD bar					
in S/S - 0.5 m					
then specification					
Qty of TMB, P-22, item-01					
8.89 m ³ @ 61590.20/m ³					547537.0
27/30+44					
ply between pcc					
over top surface - 4.5 m					
then specification					
28.20 m ² Qty of TMB, P-14, item-03					
15.00 m ² Qty of TMB, P-15, item-03					
43.20 m ² @ 20.69/m ²					892.0
Continuation					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30/31+25/19 P/L Rec m ² in					
Rec slab - to - on					
per specific					
Qty like TMB, P-12, item-01					
55.59 m ³					
8.01 m ³ like TMB, P-13, item-01					
13.59 m ³ @ P 2243.83/m ³					
8853.36					5629852
31/30+43 1/4 Rec/PCC m ² in					
Sub-structure - to - on					
per tan spm					
Qty like TMB, P-22, item-03					
47.745 m ³ @ P 7410.30/m ³					3538052
32/35+49 pro ending & falling					
Joint scaffolding compound					
- to - on per tan sh					
Qty like TMB, P-15, item-03					
45.00 m ³ @ P 36.10/m ³					1625.0
33/34+49+58 plastering with					
(C.M. (1:4) - to - on m					
per specific					
141.66 m ² like TMB, P-12, item-02					
128.96 m ² like TMB, P-13, item-02					
100.80 m ² like TMB, P-14, item-03					
371.42 m ² @ P 211.20/m ²					784992
39/35+51 8/4 weep holes in					
abt bricks - do - on					
per tan spm					
54 nos like TMB, P-12, item-04					
40 nos like TMB, P-16 item-04					
94 nos @ P 138.93/m ²					13019.2

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
35/57 5/10 (1:3) in parapet to - as per specification					
4.32 m ³ qty TMB, P-18, item-02					
18.47 m ³ qty TMB, P-94, item-08					
18.71 m ³ ① 604/1.5/m ³ 113515.0					
36/58 p/y 1.5 mm cement finishing to - as per spec Sh					
9.77 m ³ TMB, P-20, item-05					
24.76 m ² ① 52.05/m ² 1668.0					
37/55 P/L All MP4 heavy pipe 1000 mm dia					
9.77 m ³ TMB, P-06, item-05					
7.50 m ³ ① 6133.50/m ³ 46001.0					
38/56 Painting two coats on masonry surface to - as per spec Sh					
9.77 m ³ TMB, P-14, item-06					
38.82 m ²					
106.80 m ² 2.2 TMB, P-45, item-10					
139.62 m ² ① 114.73/m ² 16019.0					
39/55 Cont. of Embankment with approved material to - as per spec (Rack 40 to 100 m)					

[illegible]

materials statement

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Soil: -	1859.60 m ²			35.0/100	65105 m
2) GSB -	91.82 m ²				
26.5 mm - 9.5 mm	12.56 m ²			886.0/100	15562.0
9.5 mm - 2.36 mm	12.55 m ²			429.21/100	5322.20
1/5 sand	20.03 m ²			143.32/100	2877.00
3) WBM-II -	163.06 m ²				
13 mm - 4.75 mm	197.30 m ²			975.0/100	19237.0
5/Screening	43.37 m ²			429.21/100	1870.00
B./materials	13.04 m ²			56.20/100	733.00
4) WBM-III -	1015.54 m ²				
53 mm - 22.4 mm	1288.80 m ²			1080.5/100	132722.20
5/Screening	243.73 m ²			227.21/100	16393.20
5) MS -	13276.84 m ²				
stone agg.	358.43 m ²			429.21/100	152069.00
6) SDBC -	331.923 m ²				
9.5 mm - 4.75 mm	275.49 m ²			586.0/100	162029.00
below 4.75 mm	198.82 m ²			429.21/100	87392.20
tiller. mate.	12.60 m ²			3873.95/100	56578.00
7) CC -	179.62 m ²				
1/5 sand	80.83 m ²			494.0/100	39930.00
crush agg.	141.66 m ²			886.0/100	143229.20
8) C.P.(1:1) -	371.42 m ²				
1/5 sand	8.91 m ²			494.0/100	4492.00
9) PCC - M15 -	75.17 m ²				
40 mm	36.08 m ²			975.0/100	35180.00
20 mm	36.08 m ²			1185.0/100	42790.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10mm -	18.09 m ³ @	586.0/m ³			10572.2
C/Sand -	36.09 m ³ @	494.0/m ³			17842.2
(10) PCC M20 -	47.245 m ³				
20mm -	17.19 m ³ @	975/m ³			16758.2
20mm -	17.19 m ³ @	1186/m ³			20388.2
10 mm -	8.59 m ³ @	10586/m ³			5032.2
C/Sand -	21.97 m ³ @	497/m ³			10614.2
(10) pcc - M20 -	63.59 m ³				
20 mm -	37.34 m ³ @	1186/m ³			9022.2
10 mm -	22.89 m ³ @	586/m ³			13415.2
C/Sand -	23.98 m ³ @	494/m ³			11891.2
(12) B/W -	468.63 m ³				
Bri 010 -	238.317 @	05.12/m ³			119920.2
C/Sand -	112.42 m ³ @	494/m ³			55556.2
S-90 -	23.21 m ³ MT				
SS-1 -	11.285 m ³ MT				
RF-1 -	6.64 m ³ MT				
ch-10 -	38.30 m ³ MT				
S.I 293427 A.E. 20/07/23 Greenwood 20/7/23 AE					
S-90 - 66.0144 Continue - 61.51 Continuation PdL - 4.504Y.					

Continuation

15/10/2023