

agency - Vinayash kr. Singh

Agarwal Rel. to Durgabhai

M.M.S.Y (Rel)

Schedule XIV - New No. 134



Rel. to Durgabhai

BIHAR P.W.D.

EC - R.W.D. Wiler Ayrangabad DIVISION

EC - Ayrangabad SUB-DIVISION

MEASUREMENT BOOK NO. 4340

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
3rd Years Maintenance					
Name of Work - Maintenance					
of Road from Vari Path					
To Durga high					
Under M.M.G.S.V.					
Agency - Vinodesh Kumar					
Singh					
Ag NO - 28 SDD / 2021					

① Restoration of Raincubs					
Berm with Soil medium					
2	4.00	1.00	0.300	=	2.40 m ³
3	8.00	0.70	0.300	=	5.04 "
2	5.00	0.80	0.300	=	2.40 "
2	6.00	0.90	0.300	=	3.24 "
2	5.00	1.00	0.300	=	3.00 "
2	4.50	1.10	0.300	=	4.05 "
2	5.00	0.80	0.300	=	2.97 "
3	5.00	0.90	0.300	=	4.05 m ³
2	9.00	1.00	0.300	=	5.40 "
3	3.00	0.80	0.300	=	2.16 "
2	4.00	0.90	0.300	=	2.16 "
3	4.00	1.10	0.300	=	3.96 "
2	9.00	1.00	0.300	=	5.40 "

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
2 x 6.00 x	1.80 x		0.300 =		3.60 m ³
2 x 8.00 x	0.80 x		0.300 =		3.840
			=		52.02 m ³
② Making up of Berms					
Shoulder Stripping excess					
Soil from shoulder.					
2 x	10.00 x		0.800 =		16.80 m ²
2 x	6.00 x		0.900 =		10.80 m ²
3 x	9.00 x		0.800 =		21.60 "
3 x	12.00 x		0.600 =		21.60 "
2 x	15.00 x		0.700 =		21.60 "
4 x	20.00 x		0.500 =		40.00 "
3 x	12.00 x		0.600 =		21.60 "
2 x	12.00 x		0.700 =		16.80 "
2 x	15.00 x		0.900 =		27.00 m ²
2 x	20.00 x		0.500 =		20.00 "
2 x	12.00 x		0.800 =		19.20 "
2 x	15.00 x		0.500 =		15.00 "
3 x	10.00 x		0.500 =		15.00 "
2 x	11.00 x		0.600 =		13.20 "
3 x	10.00 x		0.500 =		15.00 "
2 x	12.00 x		0.700 =		16.80 "
2 x	10.00 x		0.900 =		18.00 "
2 x	10.00 x		0.800 =		16.00 "
2 x	7.00 x		0.900 =		12.60 "
			=		357.20 m ²

③ Repair of holes
filled with 75mm
WBM X 1.5 do

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
2 x 1.60	x	1.10	x 0.025		0.26 m ²
3 x 1.90	x	0.90	x 0.025		0.38 "
5 x 2.40	x	1.00	x 0.025		0.90 "
2 x 1.50	x	1.60	x 0.025		0.36 "
6 x 1.30	x	1.70	x 0.025		0.99 "
4 x 1.60	x	1.00	x 0.025		0.48 "
8 x 2.50	x	1.90	x 0.025		2.85 "
3 x 1.50	x	0.40	x 0.025		0.30 "
4 x 1.60	x	1.00	x 0.025		0.48 "
3 x 1.80	x	0.90	x 0.025		0.35 "
2 x 1.50	x	1.10	x 0.025		0.25 "
4 x 2.50	x	1.10	x 0.025		0.83 "
3 x 1.90	x	0.90	x 0.025		0.38 "
4 x 2.50	x	1.90	x 0.025		1.14 "
3 x 1.50	x	1.10	x 0.025		0.34 "
6 x 1.90	x	1.20	x 0.025		1.45 "
4 x 1.70	x	1.50	x 0.025		0.74 "
4 x 2.00	x	1.40	x 0.025		0.84 "
8 x 2.40	x	1.80	x 0.025		2.59 "
3 x 1.90	x	1.50	x 0.025		0.64 "
4 x 1.70	x	1.40	x 0.025		0.71 "
9 x 2.30	x	1.60	x 0.025		2.48 "
7 x 1.90	x	1.80	x 0.025		1.80 "
4 x 1.70	x	1.20	x 0.025		0.61 "
4 x 1.60	x	1.30	x 0.025		0.62 "
2 x 2.50	x	1.70	x 0.025		0.51 "
7 x 2.50	x	1.50	x 0.025		2.97 "
4 x 1.70	x	1.20	x 0.025		0.61 "
7 x 1.90	x	1.30	x 0.025		1.30 "

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
4 x 2.20 x	X	1.60	x 0.075	=	1.06 m ³
3 x 2.10 x	X	1.90	x 0.075	=	0.90 "
8 x 1.90 x	X	1.10	x 0.075	=	1.25 "
3 x 2.00 x	X	1.20	x 0.075	=	0.54 "
4 x 2.00 x	X	1.60	x 0.075	=	0.96 "
5 x 1.50 x	X	1.20	x 0.075	=	0.68 "
4 x 2.00 x	X	1.60	x 0.075	=	0.96 "
4 x 1.90 x	X	1.50	x 0.075	=	0.86 "
3 x 1.50 x	X	1.30	x 0.075	=	0.44 "
11 x 2.00 x	X	1.40	x 0.075	=	2.31 "
5 x 1.70 x	X	1.30	x 0.075	=	0.83 "
4 x 1.60 x	X	1.10	x 0.075	=	0.53 "
6 x 1.90 x	X	1.50	x 0.075	=	0.86 "
2 x 1.90 x	X	1.60	x 0.075	=	0.46 "
5 x 2.00 x	X	1.10	x 0.075	=	0.83 m ³
3 x 1.90 x	X	1.50	x 0.075	=	0.64 "
6 x 2.10 x	X	1.80	x 0.075	=	1.070 "
9 x 2.40 x	X	1.70	x 0.075	=	2.25 "
4 x 2.50 x	X	1.80	x 0.075	=	1.35 "
8 x 2.50 x	X	1.90	x 0.075	=	2.85 "
5 x 2.40 x	X	1.80	x 0.075	=	1.62 "
6 x 1.90 x	X	1.50	x 0.075	=	1.28 "
9 x 2.10 x	X	1.60	x 0.075	=	2.27 "
					55.16 m ³
(4) Patch Jelpin over					
bituminous surface					
with 20 mm min deep					
surface do					
2 x	1.50	x	0.50	=	1.50 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
3 x	1.30	x	0.100	=	0.39 m ²
4	x	1.80	x	0.100	= 0.72 "
2	x	1.00	x	0.300	= 0.60 "
2	x	3.00	x	0.90	= 5.40 "
2	x	4.00	x	0.40	= 0.80 "
4	x	1.80	x	0.10	= 0.72 "
2	x	1.50	x	0.90	= 2.70 "
4	x	3.00	x	0.80	= 9.60 "
3	x	2.50	x	0.70	= 5.25 "
2	x	2.00	x	0.60	= 2.40 "
2	x	2.50	x	0.30	= 1.50 "
2	x	3.50	x	0.50	= 3.50 "
3	x	1.50	x	0.60	= 2.70 "
4	x	1.60	x	0.70	= 4.48 "
3	x	2.30	x	0.60	= 4.14 "
2	x	2.00	x	0.80	= 3.20 "
3	x	1.60	x	0.40	= 1.92 "
2	x	2.00	x	0.90	= 3.60 "
				=	55.12 m ²
(5) Maintenance of C/P					
work / Hume pipe Culvert					
No.	—	3.00			3.00 No.
(6) Maintenance of Road					
signs — do —					
		0.14 km	2		0.14 km
(7) Maintenance of 200 mm					
and 100 mm stones — do —					
		0.17 km	2		0.17 km

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑧ (1) Cutting of branches of trees and shrubs					
	2.00	No	=		2.00 No
⑨ Cutting of shrubs from side ways					
	8.00	No	=		8.00 No
⑩ Painting on parapet wall - do					
2 x 2 x 3.25 x .400 =					5.20 m ²
2 x 8 x .400 x 0.600 =					3.84 "
2 x 2 x 3.25 x .600 =					7.80 "
2 x 6.15 x .400 =					4.92 "
2 x 4 x 6.15 x .600 =					29.52 "
2 x 2 x 6.15 x .400 =					9.84
					= 61.12 m ²
⑩ Road Marking with hot applied Bituminous Surface					
2 x 30 x 100 =					6.00 m ²
2 x 90 x 100 =					18.00 "
2 x 90 x 100 =					18.00
2 x 90 x 100 =					18.00
2 x 90 x 100 =					18.00
2 x 90 x 100 =					18.00
2 x 90 x 100 =					18.00
2 x 90 x 100 =					18.00
2 x 50 x 100 =					10.00

Continuation

= 160.00 m²

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(11) Road Marking					
width not Applied					
thermo plastic Compound					
C.C.P — 10					
2 X	50	0.100	=	10.00m ²	
2 X	50	0.100	=	10.00m ²	
2 X	50	0.100	=	10.00m ²	
			=	30.00m ²	

for
11/11/2020
AE

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	I	II	
ABSTRACT OF COST				
① Restoration of Rain Cut Berms with Soil from berm - do -				
Qty - P-⑧ =	52.02 m ³			
@	389 = 59	2	19746 = 00	
② making up of Berms Shoulder stripping excess Soil from shoulder				
P-⑧ Qty	357.20 m ²			
@	56 = 81	=	20,292 = 00	
③ Repair of potholes filled 25mm w Bm				
P-⑩ Qty	55.16 m ³			
@	304 = 61	=	16,802 = 00	
④ Patch Joints on 25 bituminous surface with 20mm mix Seal Surface - do -				
P-⑪ Qty	55.72 m ²			
@	184 = 45	=	10,167 = 00	
⑤ Maintenance of old work - do -				
P-⑪ Qty	3.00 NO			
@	1102 = 80	=	3308 = 00	
⑥ Maintenance of Road Sign - do -				
P-⑪ Qty	0.14 km			

Continuation

2 70,315 = 00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
			B.f	-	70,315
P- (11) Dry 0.14 km					
@ 1054 = 28 =					147 = 00
7 Plantation 200 m					
and km stones					
P- (11) Dry 0.12 km					
@ 561 = 09 =					95 = 00
3 Cutting of branches					
of trees and shrubs					
P- (12) Dry 2.00 km					
@ 106 = 12 =					212 = 00
11 Cutting of shrubs					
from road ways					
P- (12) Dry 8.00 km					
@ 6257 =					52 = 00
9 Painting on parapet					
Wall - do -					
P- (12) Dry 61.12 m ²					
@ 95 = 63 =					5845 = 00
10 Road marking with					
hot applied bituminous					
Surface - do -					
P- (12) Dry 160.00 m ²					
@ 785 = 40 =					117,664 = 00
10 Road marking with					
hot applied C.C.P -					
P- 13 Dry 30.00 m ²					
@ 820 = 57 =					24617 = 00

Continuation

2 218,947 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
			B.P =		218,997.200
Add 12 1/2 h.s. 7			=		26273.00
Add 1% L.C			=		2189.200
					247,405.200
Below of 10% (-)					24740.00
			=		222,665.200

for
11/11/24
A.E.

Material Statement					52.01m ³
Earth work	—				352.02m ³
Bitumin B-90	—				4.456m ³
Emulsion RS-1	—				0.928m ³
Aggregate	—				81.134m ³

for
11/11/24
A.E.

Continuation