

**कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमंडल छपरा 2**

पत्रांक 156

छपरा/दिनांक 25-01-2021

सेवा में,

अपर मुख्य कार्यपालक पदाधिकारी,
बिहार ग्रामीण पथ विकास अभिकरण (ब्रांडा),
बिहार, पटना।

विषय:- नई अनुरक्षण नीति 2018 (Head - 3054) योजना मद में आवंटन उपलब्ध का
के संबंध में।

महाराज,

उपर्युक्त विषय के संबंध में कहना है कि नई अनुरक्षण नीति 2018 (Head - 3054) योजना अंतर्गत 05 (पाँच) पथों का अधियाचना विहित प्रपत्र में तैयार कर माप पुस्तक छायाप्रति, Bump Indicator का Reading संलग्न कर आवश्यक कार्रवाई हेतु समर्पित की जा रही है।

अतः अनुरोध है कि पत्र के साथ संलग्न अधियाचना प्रपत्र में अंकित राशि उपलब्ध कराने की कृपा की जाय ताकि संवेदक के विपत्र का भुगतान किया जा सकें।
अनु०:- यथोक्त।

विश्वासभाजन

कार्यपालक अभियंता,

ग्रामीण कार्य विभाग,

कार्य प्रमंडल, छपरा 2

25/1/21

Requisition Format for Scheme Head :- MR (3054) under Bihar Rural Road Maintenance Policy - 2018 (Initial Rectification and Surface Renewal)

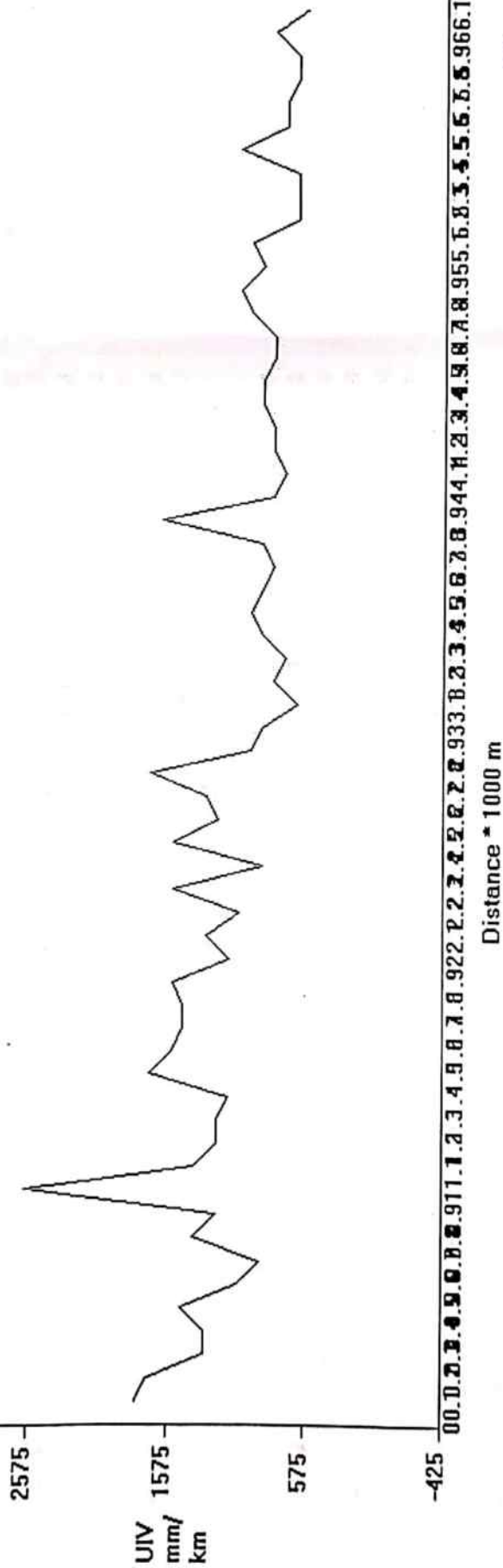
Name of Division :- Rural Works Department, Works Division, Chapra-2

Sl. No.	Package No.	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No. & Date	Administrative Approval (AA)		Agreement Amount (In Lakh)		Agreement No. & Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (in mm/km)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage	Previous Total Allotted Amount (in Lakh)	Up-to-date expenditure as per MIS (in Lakh)	Requisition against work done (in Lakh)	Remarks
					Length (In km)	Amount (In Lakh)	Initial Rectification with surface Renewal (In Lakh)	5 Years Routine Maintenance (In Lakh)										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	MR-N/19-20/Chapra-2/01	T08 Ebrahimpur to Harpur	31306302104	Lt. No. 3388 Dated 02.08.19	3.40	101.23610	6532770.00	2927941.00	02 MBD/20-21	05.03.21	05.03.21	2987.886	25.00	5%	59.30974	59.30974	5.99813	MB No. 3242 Page No. 16 to 28
2	MR-N/19-20/Chapra-2/01	T08 to Karah	31306302083	Lt. No. 3388 Dated 02.08.19	3.30	85.61950	5577145.00	2393655.00	02 MBD/20-21	05.03.21	05.03.21	1897.720	25.00	5%	50.90442	50.90442	4.85337	MB No. 3243, Page No. 12 to 22
3	MR-N/19-20/Chapra-2/01	T08 to Bhatwariya	31306302102	Lt. No. 3388 Dated 02.08.19	3.47	119.32470	7529023.00	3568154.00	02 MBD/20-21	05.03.21	05.03.21	2509.857	25.00	5%	69.18152	69.18152	6.09040	MB No. 3244 Page No. 17 to 28
4	MR-N/19-20/Chapra-2/01	Hansrajpur Khurd to Hariharpur	31306302036	Lt. No. 3388 Dated 02.08.19	3.97	134.26280	8465153.00	4031273.00	02 MBD/20-21	05.03.21	05.03.21	1409.560	25.00	5%	78.21532	78.21532	6.41892	MB No. 3245 Page No. 19 to 32
5	MR-N/19-20/Chapra-2/17	Tarwa to Patlin	31306402099	Lt. No. 3388 Dated 02.08.19	6.10	191.64420	11752273.00	6226313.00	03 MBD/20-21	05.03.21	05.03.21	1144.508	25.00	5%	56.55281	56.55281	56.35281	MB No. 3247 Page No. 1 to 15

MB
25/11/21

Km. G. 121
Executive Engineer
Rural Works Department,
Works Division, Chapra-2

Name of Customer :RAJESHWAR SINGH, Name of Work/ Road :Tarwa to Patila, Lab Job number :29



28/11/20 (T.E.)
Mph

Wieder

Executive Engineer
R.W.D., Works Division,
Chapra-2

Chad
Aug 12/23

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI mm/km	CATEGORY ROAD	Latitude	Longitude	Event
28/11/20	1:38:34	27	0.1	150	20.2	1500	1472	G	0	0	Normal
28/11/20	1:38:34	27	0.1	90	90.9	900	983	G	0	0	Normal
28/11/20	1:38:34	27	0.1	100	40.4	1000	1064	G	0	0	Normal
28/11/20	1:39:10	27	0.1	100	121.2	1000	1064	G	0	0	Normal
28/11/20	1:39:10	27	0.1	110	121.2	1100	1146	G	0	0	Normal
28/11/20	1:39:10	27	0.1	130	20.2	1300	1309	G	0	0	Normal
28/11/20	1:39:45	27	0.1	80	20.2	800	901	G	0	0	Normal
28/11/20	1:39:45	27	0.1	80	60.6	800	901	G	0	0	Normal
28/11/20	1:39:45	27	0.1	70	90.9	700	820	G	0	0	Normal
28/11/20	1:39:45	27	0.1	90	90.9	900	983	G	0	0	Normal
28/11/20	1:39:45	27	0.1	90	121.2	900	983	G	0	0	Normal
28/11/20	1:39:45	27	0.1	80	90.9	800	901	G	0	0	Normal
28/11/20	1:39:45	27	0.1	110	90.9	1100	1146	G	0	0	Normal
28/11/20	1:39:45	27	0.1	80	90.9	800	901	G	0	0	Normal
28/11/20	1:40:20	27	0.1	90	70.7	900	983	G	0	0	Normal
28/11/20	1:40:20	27	0.1	70	70.7	700	820	G	0	0	Normal
28/11/20	1:40:20	27	0.1	80	90.9	800	901	G	0	0	Normal
28/11/20	1:40:20	27	0.1	140	30.3	1400	1391	G	0	0	Normal
28/11/20	1:40:20	27	0.1	90	121.2	900	983	G	0	0	Normal
28/11/20	1:40:20	27	0.1	70	90.9	700	820	G	0	0	Normal
28/11/20	1:40:20	27	0.1	70	121.2	700	820	G	0	0	Normal
28/11/20	1:40:20	27	0.1	70	121.2	700	820	G	0	0	Normal
28/11/20	1:40:55	27	0.1	130	30.3	1300	1309	G	0	0	Normal
28/11/20	1:40:55	27	0.1	140	70.7	1400	1391	G	0	0	Normal
28/11/20	1:40:55	27	0.1	70	70.7	700	820	G	0	0	Normal
28/11/20	1:40:55	27	0.1	70	121.2	700	820	G	0	0	Normal
28/11/20	1:40:55	27	0.1	60	121.2	600	738	G	0	0	Normal
28/11/20	1:40:55	27	0.1	70	121.2	700	820	G	0	0	Normal
28/11/20	1:40:55	27	0.1	70	121.2	700	820	G	0	0	Normal
28/11/20	1:40:55	27	0.1	70	121.2	700	820	G	0	0	Normal
28/11/20	1:41:31	27	0.1	70	121.2	700	820	G	0	0	Normal
28/11/20	1:41:31	27	0.1	60	121.2	600	738	G	0	0	Normal
28/11/20	1:41:31	27	0.1	120	30.3	1200	1228	G	0	0	Normal
28/11/20	1:41:31	27	0.1	60	90.9	600	738	G	0	0	Normal
28/11/20	1:41:31	27	0.1	50	121.2	500	656	G	0	0	Normal
28/11/20	1:41:31	27	0.1	70	181.8	700	820	G	0	0	Normal

$$Y = 0 * X^2 + 0.816 * X + 249$$

$X = 100$
 $Y = 330$

(R) RURAL ROAD

Good <4000
 Average 4001-5000
 Poor >5001

Executive Engineer
 R.W.D., Works Division,
 Chapra-2

Rush
 A-2

Mhm
 28/11/20
 (J-E)

Executive Engineer
R.W.D., Works Division.
Chapra-2
A. K. Singh

R. W. D.
A. K.

M. M. Singh
28/11/20
S. E.

28/11/20	1:42:6	27	0.1	120	30.3	1200	1228 G	0	0 Normal
28/11/20	1:42:6	27	0.1	40	90.9	400	575 G	0	0 Normal
28/11/20	1:42:6	27	0.1	160	30.3	1600	1554 G	0	0 Normal
28/11/20	1:42:6	27	0.1	70	90.9	700	820 G	0	0 Normal
28/11/20	1:42:6	27	0.1	60	121.2	600	738 G	0	0 Normal
28/11/20	1:42:6	27	0.1	70	181.8	700	820 G	0	0 Normal
28/11/20	2:50:22	29	0.1	190	10.1	1900	1799 G	0	0 Normal
28/11/20	2:50:22	29	0.1	180	60.6	1800	1717 G	0	0 Normal
28/11/20	2:50:22	29	0.1	130	60.6	1300	1309 G	0	0 Normal
28/11/20	2:50:57	29	0.1	130	70.7	1300	1309 G	0	0 Normal
28/11/20	2:50:57	29	0.1	150	90.9	1500	1472 G	0	0 Normal
28/11/20	2:50:57	29	0.1	100	90.9	1000	1064 G	0	0 Normal
28/11/20	2:50:57	29	0.1	80	90.9	800	901 G	0	0 Normal
28/11/20	2:50:57	29	0.1	140	50.5	1400	1391 G	0	0 Normal
28/11/20	2:51:32	29	0.1	120	20.2	1200	1228 G	0	0 Normal
28/11/20	2:51:32	29	0.1	290	10.1	2900	2615 G	0	0 Normal
28/11/20	2:52:7	29	0.1	140	30.3	1400	1391 G	0	0 Normal
28/11/20	2:52:7	29	0.1	120	40.4	1200	1228 G	0	0 Normal
28/11/20	2:52:7	29	0.1	120	50.5	1200	1228 G	0	0 Normal
28/11/20	2:52:7	29	0.1	110	60.6	1100	1146 G	0	0 Normal
28/11/20	2:52:43	29	0.1	180	70.7	1800	1717 G	0	0 Normal
28/11/20	2:52:43	29	0.1	160	30.3	1600	1554 G	0	0 Normal
28/11/20	2:52:43	29	0.1	150	20.2	1500	1472 G	0	0 Normal
28/11/20	2:52:43	29	0.1	150	60.6	1500	1472 G	0	0 Normal
28/11/20	2:53:18	29	0.1	160	70.7	1600	1554 G	0	0 Normal
28/11/20	2:53:18	29	0.1	110	30.3	1100	1146 G	0	0 Normal
28/11/20	2:53:18	29	0.1	130	90.9	1300	1309 G	0	0 Normal
28/11/20	2:53:18	29	0.1	100	60.6	1000	1064 G	0	0 Normal
28/11/20	2:53:53	29	0.1	160	10.1	1600	1554 G	0	0 Normal
28/11/20	2:53:53	29	0.1	80	60.6	800	901 G	0	0 Normal
28/11/20	2:54:28	29	0.1	160	20.2	1600	1554 G	0	0 Normal
28/11/20	2:54:28	29	0.1	120	90.9	1200	1228 G	0	0 Normal
28/11/20	2:54:28	29	0.1	130	40.4	1300	1309 G	0	0 Normal
28/11/20	2:55:4	29	0.1	180	20.2	1800	1717 G	0	0 Normal
28/11/20	2:55:4	29	0.1	90	90.9	900	983 G	0	0 Normal
28/11/20	2:55:4	29	0.1	80	121.2	800	901 G	0	0 Normal
28/11/20	2:55:4	29	0.1	50	121.2	500	656 G	0	0 Normal
28/11/20	2:55:4	29	0.1	70	121.2	700	820 G	0	0 Normal

28/11/20	2:55:4	29	0.1	60	121.2	600	738 G	0	0 Normal
28/11/20	2:55:4	29	0.1	80	90.9	800	901 G	0	0 Normal
28/11/20	2:55:4	29	0.1	90	121.2	900	983 G	0	0 Normal
28/11/20	2:55:4	29	0.1	80	70.7	800	901 G	0	0 Normal
28/11/20	2:55:4	29	0.1	70	90.9	700	820 G	0	0 Normal
28/11/20	2:55:39	29	0.1	80	90.9	800	901 G	0	0 Normal
28/11/20	2:55:39	29	0.1	170	90.9	1700	1636 G	0	0 Normal
28/11/20	2:55:39	29	0.1	70	121.2	700	820 G	0	0 Normal
28/11/20	2:55:39	29	0.1	60	121.2	600	738 G	0	0 Normal
28/11/20	2:55:39	29	0.1	70	121.2	700	820 G	0	0 Normal
28/11/20	2:55:39	29	0.1	70	121.2	700	820 G	0	0 Normal
28/11/20	2:55:39	29	0.1	80	121.2	800	901 G	0	0 Normal
28/11/20	2:55:39	29	0.1	80	121.2	800	901 G	0	0 Normal
28/11/20	2:55:39	29	0.1	70	90.9	700	820 G	0	0 Normal
28/11/20	2:55:39	29	0.1	70	121.2	700	820 G	0	0 Normal
28/11/20	2:55:39	29	0.1	90	90.9	900	983 G	0	0 Normal
28/11/20	2:56:14	29	0.1	100	90.9	1000	1064 G	0	0 Normal
28/11/20	2:56:14	29	0.1	80	90.9	800	901 G	0	0 Normal
28/11/20	2:56:14	29	0.1	90	121.2	900	983 G	0	0 Normal
28/11/20	2:56:14	29	0.1	50	121.2	500	656 G	0	0 Normal
28/11/20	2:56:14	29	0.1	50	121.2	500	656 G	0	0 Normal
28/11/20	2:56:14	29	0.1	50	121.2	500	656 G	0	0 Normal
28/11/20	2:56:14	29	0.1	100	90.9	1000	1064 G	0	0 Normal
28/11/20	2:56:14	29	0.1	60	121.2	600	738 G	0	0 Normal
28/11/20	2:56:14	29	0.1	60	121.2	600	738 G	0	0 Normal
28/11/20	2:56:14	29	0.1	50	121.2	500	656 G	0	0 Normal
28/11/20	2:56:14	29	0.1	50	181.8	500	656 G	0	0 Normal
28/11/20	2:56:50	29	0.1	70	121.2	700	820 G	0	0 Normal
28/11/20	2:56:50	29	0.1	40	181.8	400	575 G	0	0 Normal

Rich
AR

Mur
28/11/20
(J.E)

Executive Engineer
R.W.D. Works Division,
Chapra-2 Division.
g
9/11/20

Lab Job number :29

Date :11/28/2020

Name of Customer :RAJESHWAR SINGH

Name of Work/ Road :Tarwa to Patila

Sr.no	Location of test(in km)	Corrected U.I value(mm/km)	Road catagory
44	0.1		1799 G
45	0.2		1717 G
46	0.3		1309 G
47	0.4		1309 G
48	0.5		1472 G
49	0.6		1064 G
50	0.7		901 G
51	0.8		1391 G
52	0.9		1228 G
53	1		2615 G
54	1.1		1391 G
55	1.2		1228 G
56	1.3		1228 G
57	1.4		1146 G
58	1.5		1717 G
59	1.6		1554 G
60	1.7		1472 G
61	1.8		1472 G
62	1.9		1554 G
63	2		1146 G
64	2.1		1309 G
65	2.2		1064 G
66	2.3		1554 G
67	2.4		901 G
68	2.5		1554 G
69	2.6		1228 G
70	2.7		1309 G
71	2.8		1717 G
72	2.9		983 G
73	3		901 G
74	3.1		656 G
75	3.2		820 G
76	3.3		738 G
77	3.4		901 G
78	3.5		983 G
79	3.6		901 G
80	3.7		820 G
81	3.8		901 G
82	3.9		1636 G

Mmm
28/11/20
(J.E)

Quish
Ac

Executive Engineer
R.W.D., Works Division,
A&P Chapra-2
28/11/20

83	4
84	4.1
85	4.2
86	4.3
87	4.4
88	4.5
89	4.6
90	4.7
91	4.8
92	4.9
93	5
94	5.1
95	5.2
96	5.3
97	5.4
98	5.5
99	5.6
100	5.7
101	5.8
102	5.9
103	6
104	6.1

820 G
738 G
820 G
820 G
901 G
901 G
820 G
820 G
983 G
1064 G
901 G
983 G
656 G
656 G
656 G
1064 G
738 G
738 G
656 G
656 G
820 G
575 G

Mmm
28/11/20
(JE)

Push

hulgm
Executive Engineer
R.W.D., Works Division,
Chapra-2

AZ
8/12/20

MR-5/19.20 CHAPRA-2/17

121.B.NO-3247

Schedule XLV-Form No. 134

Taxia to Patilo.

Ag. No. 121.B. No. 3247
Agent. Sri Rajeshwar Singh. DIVISION

Sri. Ashok Kumar (A.E.)

SUB-DIVISION

Talalpur

MEASUREMENT BOOK

121.B.NO-3247

1st on A/c bill

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

1

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.	
M/W:—	Maintenance & Repair				
	of Road from Tarwan				
	to Baily (Package NO—				
	MR— N/19-20/chapra-2/17)				
	Under New Maintenance				
	Policy 2018 (Head— 3054).				
N/Agency—	Sri Rajeshwar Singh,				
Agg. NO—					
Date of start—	06.03.2020				
Date of Completion—	05.03.2021				
Date of measurement—	23.11.2020				

Item of works.

① clearing & grubbing of road land.

$$2 \times 50 \times 30.00 \text{ m} \times 1.00 \text{ m} = 3000.00 \text{ m}^2$$

$$2 \times 50 \times 30.00 \text{ m} \times 1.00 \text{ m} = 3000.00 \text{ m}^2$$

$$2 \times 50 \times 30.00 \text{ m} \times 1.00 \text{ m} = 3000.00 \text{ m}^2$$

$$2 \times 30 \times 30.00 \text{ m} \times 1.00 \text{ m} = 1800.00 \text{ m}^2$$

$$\text{Total} = 10,800.00 \text{ m}^2$$

$$= 1.08 \text{ Hect.}$$

② Construction of granular subbase by providing well graded materials.

for patches—

$$1 \times 10.50 \text{ m} \times 3.50 \text{ m} \times 0.175 \text{ m} = 6.43 \text{ m}^3$$

$$1 \times 6.00 \text{ m} \times 2.25 \text{ m} \times 0.175 \text{ m} = 2.36 \text{ m}^3$$

Continuation qty c/d = 8.79 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Qty B/F	$= 8.79 \text{ m}^3$
1 x 13.50 m x 3.50 m x 0.175 m					$= 7.96 \text{ m}^3$
1 x 14.50 m x 2.50 m x 0.175 m					$= 1.96 \text{ m}^3$
2 x 6.50 m x 3.60 m x 0.175 m					$= 8.19 \text{ m}^3$
1 x 18.50 m x 2.50 m x 0.175 m					$= 8.09 \text{ m}^3$
2 x 13.80 m x 2.60 m x 0.175 m					$= 12.55 \text{ m}^3$
2 x 8.00 m x 2.30 m x 0.175 m					$= 6.44 \text{ m}^3$
2 x 13.50 m x 3.60 m x 0.175 m					$= 14.17 \text{ m}^3$
1 x 12.50 m x 3.60 m x 0.175 m					$= 7.87 \text{ m}^3$
2 x 8.50 m x 3.20 m x 0.175 m					$= 9.52 \text{ m}^3$
2 x 7.10 m x 2.70 m x 0.175 m					$= 6.61 \text{ m}^3$
2 x 8.75 m x 3.05 m x 0.175 m					$= 9.34 \text{ m}^3$
2 x 12.70 m x 3.20 m x 0.175 m					$= 14.22 \text{ m}^3$

2 x 8.60 m x 2.90 m x 0.175 m					$= 8.12 \text{ m}^3$
				Total	$= 123.83 \text{ m}^3$
				Qty limit	$= 123.09 \text{ m}^3$

③ P.V., Laying, spreading &

Compacting of W.B.M-2

as per technical specification.

1 x 12.60 m x 3.60 m x 0.075 m					$= 3.40 \text{ m}^3$
1 x 8.50 m x 2.40 m x 0.075 m					$= 1.53 \text{ m}^3$
1 x 15.30 m x 3.65 m x 0.075 m					$= 4.18 \text{ m}^3$
1 x 5.50 m x 2.70 m x 0.075 m					$= 1.11 \text{ m}^3$
2 x 8.60 m x 3.75 m x 0.075 m					$= 4.50 \text{ m}^3$
1 x 20.50 m x 2.75 m x 0.075 m					$= 4.22 \text{ m}^3$
2 x 7.50 m x 3.60 m x 0.075 m					$= 3.37 \text{ m}^3$
1 x 10.20 m x 2.25 m x 0.075 m					$= 1.72 \text{ m}^3$
				Qty C/O	$= 24.03 \text{ m}^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Qty B/F =	24.03 m ³
2 X	14.50 m	2.70 m		X 0.075 m =	5.87 m ³
2 X	9.50 m	2.50 m		X 0.075 m =	3.56 m ³
2 X	9.50 m	2.50 m			
2 X	14.90 m	3.20 m		X 0.075 m =	7.15 m ³
1 X	13.40 m	3.70 m		X 0.075 m =	3.71 m ³
2 X	9.30 m	3.40 m		X 0.075 m =	4.74 m ³
2 X	8.50 m	2.90 m		X 0.075 m =	3.69 m ³
2 X	9.0 m	3.15 m		X 0.075 m =	4.25 m ³
1 X	12.0 m	2.70 m		X 0.075 m =	1.98 m ³
2 X	7.0 m	2.70 m		X 0.075 m =	2.83 m ³
2 X	14.30 m	3.50 m		X 0.075 m =	7.50 m ³
2 X	8.50 m	3.10 m		X 0.075 m =	3.95 m ³
2 X	7.20 m	3.50 m		X 0.075 m =	3.78 m ³
1 X	11.50 m	2.50 m		X 0.075 m =	2.15 m ³
1 X	6.30 m	3.50 m		X 0.075 m =	1.70 m ³
1 X	10.50 m	3.40 m		X 0.075 m =	2.67 m ³
1 X	9.60 m	3.50 m		X 0.075 m =	2.52 m ³
1 X	10.70 m	2.90 m		X 0.075 m =	2.32 m ³
1 X	7.20 m	2.80 m		X 0.075 m =	1.51 m ³
1 X	12.0 m	2.90 m		X 0.075 m =	2.61 m ³
1 X	8.0 m	3.40 m		X 0.075 m =	2.04 m ³
1 X	9.50 m	3.20 m		X 0.075 m =	2.28 m ³
1 X	12.20 m	2.45 m		X 0.075 m =	2.24 m ³
1 X	10.40 m	3.45 m		X 0.075 m =	2.69 m ³
1 X	12.50 m	2.70 m		X 0.075 m =	2.53 m ³
				Qty e/o =	104.30 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Qty	B/F =	104.30 m ³
1 x 12.80 m x 3.75 m x 0.075 m					3.60 m ³
1 x 13.00 m x 3.40 m x 0.075 m					3.31 m ³
1 x 7.00 m x 2.70 m x 0.075 m					1.41 m ³
2 x 10.10 m x 3.35 m x 0.075 m					5.07 m ³
			Total =		117.69 m ³
			Qty limit =		115.77 m ³

4	Plv. Laying, spreading				
	& Compacting of WBM-3				
	as per technical specifications.				
1 x 14.30 m x 3.70 m x 0.075 m					3.96 m ³
1 x 9.70 m x 3.00 m x 0.075 m					2.18 m ³

1 x 16.75 m x 3.10 m x 0.075 m					3.89 m ³
1 x 7.80 m x 3.75 m x 0.075 m					2.19 m ³
2 x 9.20 m x 3.75 m x 0.075 m					5.17 m ³
1 x 21.75 m x 2.80 m x 0.075 m					4.56 m ³
2 x 9.10 m x 3.20 m x 0.075 m					4.32 m ³
1 x 10.50 m x 2.50 m x 0.075 m					1.96 m ³
2 x 11.80 m x 2.70 m x 0.075 m					4.78 m ³
1 x 17.50 m x 3.30 m x 0.075 m					4.33 m ³
1 x 12.50 m x 2.40 m x 0.075 m					2.25 m ³
1 x 11.70 m x 3.20 m x 0.075 m					2.80 m ³
2 x 7.50 m x 2.75 m x 0.075 m					3.09 m ³
1 x 18.10 m x 2.70 m x 0.075 m					3.64 m ³
2 x 16.50 m x 2.95 m x 0.075 m					7.30 m ³
			Qty c/o =		56.42 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Qty B/P =		56.42 m ³
2x	12.20m	2.90m	x 0.075m =		5.30 m ³
2x	16.30m	3.50m	x 0.075m =		8.55 m ³
1x	14.50m	3.75m	x 0.075m =		4.07 m ³
2x	11.20m	3.75m	x 0.075m =		6.30 m ³
2x	12.00m	3.75m	x 0.075m =		6.75 m ³
2x	11.50m	3.50m	x 0.075m =		6.03 m ³
1x	13.50m	2.70m	x 0.075m =		2.73 m ³
2x	9.00m	3.00m	x 0.075m =		4.05 m ³
2x	15.20m	3.50m	x 0.075m =		7.98 m ³
2x	9.20m	3.20m	x 0.075m =		4.41 m ³
2x	7.90m	3.75m	x 0.075m =		4.44 m ³
1x	11.80m				
1x	11.80m	2.70m	x 0.075m =		2.39 m ³
1x	6.90m	3.75m	x 0.075m =		1.94 m ³
1x	11.20m	3.75m	x 0.075m =		3.15 m ³
1x	10.70m	3.75m	x 0.075m =		3.00 m ³
1x	11.50m	3.00m	x 0.075m =		2.58 m ³
1x	9.00m	3.00m	x 0.075m =		2.02 m ³
1x	13.50m	3.00m	x 0.075m =		3.03 m ³
1x	9.20m	3.75m	x 0.075m =		2.58 m ³
1x	10.50m	3.50m	x 0.075m =		2.75 m ³
1x	13.40m	2.70m	x 0.075m =		2.71 m ³
1x	11.20m	3.50m	x 0.075m =		2.94 m ³
1x	14.00m	2.90m	x 0.075m =		3.04 m ³
1x	13.00m	3.75m	x 0.075m =		3.65 m ³
			Qty 40 =		152.81 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				$Qty\ B/F =$	$152.81m^3$
				$1 \times 13.50m \times 3.75m \times 0.075m =$	$3.79m^3$
				$1 \times 8.20m \times 2.90m \times 0.075m =$	$1.78m^3$
				$2 \times 10.50m \times 3.50m \times 0.075m =$	$5.51m^3$
				$1 \times 10.90m \times 2.50m \times 0.075m =$	$2.04m^3$
				Total =	$165.93m^3$

(5) Plv and applying primer

Coat with bitumen emulsion

SS-1.

Area of Primer coat =

$$= \frac{165.93m^3}{0.075m}$$

$$= 2212.40m^2$$

(6) Plv & applying tack

Coat with bitumen emulsion

RS-1

Area of tack coat = Area of Primer coat

$$= 2212.40m^2$$

In P.C.C. Area -

$$4 \times 4.20m \times 3.75m = 63.00m^2$$

$$6 \times 2.80m \times 2.50m = 42.00m^2$$

$$\text{Total} = 2317.40m^2$$

(7) Plv, Laying and rolling of close-graded premix surfacing material of 20mm thickness.

Continuation

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

Net Area = Area of ~~ker~~ coal
= 2317.40 m²

⑧ Plv and applying ~~alk~~ coal with bitumen emulsion RS-1.

For B.T & Existing P.C. C. Portion

20 x 30.00 m x 3.75 m = 2250.00 m²

50 x 30.00 m x 3.75 m = 2250.00 m²

For 20 x 30.00 m x 3.75 m = 2250.00 m²

50 x 30.00 m x 3.75 m = 2250.00 m²

70 x 30.00 m x 3.75 m = 2250.00 m²

20 x 30.00 m x 3.75 m = 2250.00 m²

20 x 30.00 m x 3.75 m = 2250.00 m²

20 x 30.00 m x 3.75 m = 2250.00 m²

20 x 30.00 m x 3.75 m = 2250.00 m²

20 x 30.00 m x 3.75 m = 2250.00 m²

3 x 30.00 m x 3.75 m = 337.50 m²

1 x 10.00 m x 3.75 m = 37.50 m²

Total = 22875.00 m²

⑨ Plv & Laying semi dense bituminous concrete as per technical specification.

20 x 30.00 m x 3.75 m = 2250.00 m²

20 x 30.00 m x 3.75 m = 2250.00 m²

For 20 x 30.00 m x 3.75 m = 2250.00 m²

20 x 30.00 m x 3.75 m = 2250.00 m²

20 x 30.00 m x 3.75 m = 2250.00 m²

Continuation 274/0 = 11,250.00 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Qty	B/F	11250.0 m ²
90	20	30.00 m	3.75 m	=	2250.0 m ²
		20	30.00 m	3.75 m	= 2250.0 m ²
		20	30.00 m	3.75 m	= 2250.0 m ²
		20	30.00 m	3.75 m	= 2250.0 m ²
		20	30.00 m	3.75 m	= 2250.0 m ²
		3	30.00 m	3.75 m	= 337.50 m ²
		1	30.00 m	3.75 m	= 37.50 m ²
		Area, Total = 22875.0 m ²			
(10)	Qty = 22875.0 m ² × 0.025 m = 571.875 m ³				
Construction of Subgrade m ³					
2 Earthen shoulders with approved materials.					
	2	20	30.00 m	0.700 m	0.300 m = 252.0 m ³
	2	20	30.00 m	0.700 m	0.300 m = 252.0 m ³
	2	20	30.00 m	0.700 m	0.300 m = 252.0 m ³
	2	20	30.00 m	0.700 m	0.300 m = 252.0 m ³
	2	20	30.00 m	0.700 m	0.300 m = 252.0 m ³
	2	20	30.00 m	0.700 m	0.300 m = 252.0 m ³
	2	20	30.00 m	0.700 m	0.300 m = 252.0 m ³
		Total = 1764.0 m ³			
(11)	Plv & fixing of R.C.C. MIS grade kilometre stone				
			= 07 Nos.		
(12)	Plv & fixing of 200m stones				
			= 24 Nos.		

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Plv & erecting direction & place identification					
Sign board			21.60 m	0.90 m	
					$= 1.98 \text{ m}^2$
					Qty Lmtl = 1.92 m^2
(14) Plv & fixing of retro-reflectors					
Sign board					$= 20.00 \text{ NOS}$
(15) Plv & fixing of 600mm circular					
Sign board					$= 8.00 \text{ NOS}$
(16) Plv & fixing of 600mm x 450mm rectangular					
Sign board					$= 8.00 \text{ NOS}$
(17) Plv & fixing of R.C.C. MIS grade boundary pillars.					
					$6 \times 2 \times 8 \text{ NOS} = 96 \text{ NOS}$
(18) Plv & Laying of hot-applied thermoplastic compound 2.5 mm thick.					
					$2 \times 20 \times 30.00 \text{ m} \times 0.10 \text{ m} = 120.00 \text{ m}^2$
					$2 \times 20 \times 30.00 \text{ m} \times 0.100 \text{ m} = 120.00 \text{ m}^2$
					$2 \times 20 \times 30.00 \text{ m} \times 0.100 \text{ m} = 120.00 \text{ m}^2$
					$2 \times 20 \times 30.00 \text{ m} \times 0.100 \text{ m} = 120.00 \text{ m}^2$
					$2 \times 20 \times 30.00 \text{ m} \times 0.100 \text{ m} = 120.00 \text{ m}^2$
					Qty C/O = 600.00 m^2

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Qty	B/F	600.00 m^2
2 x 20 x 30.00 m x 0.10 m =					120.00 m^2
2 x 20 x 30.00 m x 0.10 m =					120.00 m^2
2 x 20 x 30.00 m x 0.10 m =					120.00 m^2
2 x 20 x 30.00 m x 0.10 m =					120.00 m^2
2 x 20 x 30.00 m x 0.10 m =					120.00 m^2
2 x 20 x 30.00 m x 0.10 m =					120.00 m^2
2 x 3 x 30.00 m x 0.10 m =					18.00 m^2
2 x 1 x 10.00 m x 0.10 m =					2.00 m^2
			Total =		1220.00 m^2

(19) Plv & fixing of typical masonry
informatory sign board
with logo = 4.0 Nos.

(20) Brick masonry work
in cement mortar (1:3)
in parapet wall.
For 8 Nos culverts (1x1000mm) H.P.C
 $8 \times 2 \times 6.00 \text{ m} \times 0.40 \text{ m} \times 0.60 \text{ m} = 23.04 \text{ m}^3$

(21) Plastering with cement
mortar (1:4) on brick
work in sub structure.
For 8 Nos H.P. culverts.
Sides, $8 \times 4 \times 6.00 \text{ m} \times 0.60 \text{ m} = 115.20 \text{ m}^2$
Top, $8 \times 2 \times 6.00 \text{ m} \times 0.40 \text{ m} = 38.40 \text{ m}^2$
Ends, $8 \times 4 \times 0.40 \text{ m} \times 0.60 \text{ m} = 7.68 \text{ m}^2$
Total = 161.28 m^2

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22) Painting two coats on new surface.					
For H.P. culvert - 8 Nos. sides					
8 x 4 x 6.10m x 0.60m =					115.20 m ²
Top, 8 x 2 x 6.10m x 0.40m =					38.40 m ²
Ends 8 x 4 x 0.40m x 0.60m =					7.68 m ²
					Total: 161.28 m ²
					licked item checked
					M.M. 23/11/20 (J.E.)
					(Kush) 23/11/20
					A2

Abstract of Cost

1. clearing & grubbing of road land.

1.08 Hect, vide TMBP-1

① Rs 49496 = 20/Hect — Rs 53,456 = 00

2. Construction of granule

Sub-base by providing

well graded material.

123.09 m², vide TMBP-2

① Rs 2097 = 75/m² — Rs 2,58,212 = 00

3/4 Plv, laying, spreading & compacting of WBM-2

115.77 m², vide TMBP-4

① Rs 3854 = 07/m² — Rs 4,46,186 = 00

Continuation c/o, Rs 7,57,854 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F, H	7,57,854=
4 5. Plv, Leving, spreading & Compacting of WBM-3 165.93m ² , vide TMBP-6					
				① RS 3445=94/m ³ — B	5,71,785=
5 6. Plv & applying Primer Coal with bitumen emulsion RS-1 2212.40m ² , vide TMBP-6					
				① RS 41=36/m ² — B	91,505=
6 7. Plv & applying tack coat with bitumen emulsion RS-1 2317.40m ² , vide TMBP-6					
				① RS 14=03/m ² — B	32,513=
7 8. Plv, Leving & rolling of close-graded premix surfacing material of 20 mm thickness 2317.40m ² , vide TMBP-7					
				① RS 221=40/m ² — RS	5,13,072=
8 9. Plv & applying tack coat with bitumen emulsion RS-1 22875.00m ² , vide TMBP-7					
				① RS 12=20/m ² — RS	2,79,075=

Continuation

40, RS 22,45,804=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F, B	22,45,804.60
$\frac{9}{10}$ P/V & Laying Semi					
dense bituminous concrete					
as per technical specifications					
571.87 m ³ , vide TMBP-8					
① Rs 10,654.29 / m ³ — B					60,93,223.00
$\frac{10}{2}$ Construction of Subgrade					
& earthen shoulder					
with approved material.					
1764.10 m ³ , vide TMBP-8					
① Rs 176.96 / m ³ — B					3,12,157.00
11 P/V & Laying of R.C.C.					
11. MIS grade kilometre					
stones.					
07 NOS, vide TMBP-8					
① Rs 2206.14 / NO — B					15,443.00
$\frac{12}{12}$ P/V & Laying of 200mm					
stones.					
24 NOS, vide TMBP-8					
① Rs 617.47 / NO — B					14,819.00
$\frac{13}{13}$ P/V & erecting, erection					
& place identification					
sign board.					
1.92 m ² , vide TMBP-9					
① Rs 12300.38 / m ² — B					23,617.00
Continuation					40, Rs 87,05,063.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14. P.V. & fixing of retro-reflectors to traffic sign board.					B/P 387,05,663=60
20 Nos, vide TMBP-9.					
① P 3616=04/NO — B					72,324=60
15. P.V. & fixing of 600mm Circular sign board.					
08 Nos, vide TMBP-9.					
① P 3715=39/NO — B					29,723=60
16. P.V. & fixing of 600mm x 450 mm rectangular sign board.					
08 Nos, vide TMBP-9.					
① P 3586=27/NO — B					28,690=60
17. P.V. & fixing of R.C.C. MIS grade boundary pillar.					
96 Nos, vide TMBP-9.					
① P 499=89 /NO — B					47,989=60
18. P.V. & laying of hot applied thermoplastic compound 2.5 cm thick.					
1220.10 m ² , vide TMBP-10.					
① P 735=40/m ² — B					8,97,188=60
				C/O, P.S.	07,80,974=60

Continuation

