

Road Name- PWD Road to Gangapipra, Contractor- Ramakant Mishra

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI in mm/km	CATEGORY	Latitude	Longitude	Event
11/8/20	16:3:9	35	0.1	290	0	2900	2972 G	ROAD	26.59231	84.599713	Normal
11/8/20	16:3:9	35	0.1	280	30.3	2800	2868 G		26.5923	84.600925	Normal
11/8/20	16:3:44	35	0.1	300	30.3	3000	3077 G		26.59229	84.602053	Normal
11/8/20	16:4:0	35	0.1	300	30.3	3000	3077 G		26.59239	84.603147	Normal
11/8/20	16:4:19	35	0.1	290	30.3	2900	2972 G		26.59199	84.604073	Normal
11/8/20	16:4:19	35	0.1	190	20.2	1900	1925 G		26.59178	84.6051	Normal
11/8/20	16:5:0	35	0.1	200	30.3	2000	2030 G		26.59157	84.60606	Normal
11/8/20	16:5:0	35	0.1	220	30.3	2200	2240 G		26.59143	84.607103	Normal
11/8/20	16:5:30	35	0.1	290	30.3	2900	2972 G		26.59144	84.608232	Normal
11/8/20	16:6:0	35	0.1	230	30.3	2300	2344 G		26.59125	84.609275	Normal
11/8/20	16:6:5	35	0.1	220	30.3	2200	2240 G		26.59112	84.610403	Normal
11/8/20	16:6:5	35	0.1	270	30.3	2700	2763 G		26.59096	84.611463	Normal
11/8/20	16:6:41	35	0.1	210	30.3	2100	2135 G		26.59081	84.612542	Normal
11/8/20	16:7:0	35	0.1	270	30.3	2700	2763 G		26.59095	84.613502	Normal
11/8/20	16:7:16	35	0.1	220	30.3	2200	2240 G		26.59131	84.614427	Normal
11/8/20	16:9:2	35	0.1	260	30.3	2600	2658 G		26.59123	84.615437	Normal
11/8/20	16:9:37	35	0.1	190	30.3	1900	1925 G		26.59065	84.61606	Normal
11/8/20	16:10:48	35	0.1	160	30.3	1600	1611 G		26.58998	84.616615	Normal
11/8/20	16:11:0	35	0.1	180	30.3	1800	1821 G		26.58967	84.617508	Normal
11/8/20	16:12:0	35	0.1	220	30.3	2200	2240 G		26.58933	84.61847	Normal
11/8/20	16:12:0	35	0.1	290	30.3	2900	2972 G		26.58879	84.619225	Normal
11/8/20	16:13:9	35	0.1	160	30.3	1600	1611 G		26.58822	84.619932	Normal
11/8/20	16:13:9	35	0.1	150	30.3	1500	1507 G		26.58802	84.620942	Normal
11/8/20	16:14:0	35	0.1	180	30.3	1800	1821 G		26.5879	84.621918	Normal
11/8/20	16:15:0	35	0.1	110	30.3	1100	1088 G		26.58781	84.622928	Normal
11/8/20	16:15:30	35	0.1	280	30.3	2800	2868 G		26.58755	84.623938	Normal
11/8/20	16:15:30	35	0.1	230	30.3	2300	2344 G		26.58729	84.624932	Normal
11/8/20	16:16:5	35	0.1	190	30.3	1900	1925 G		26.58685	84.62579	Normal
11/8/20	16:16:5	35	0.1	220	30.3	2200	2240 G		26.58611	84.62648	Normal
11/8/20	16:16:40	35	0.1	270	30.3	2700	2763 G		26.58628	84.627322	Normal
11/8/20	16:17:0	35	0.1	220	30.3	2200	2240 G		26.58593	84.628265	Normal
11/8/20	16:17:0	35	0.1	240	30.3	2400	2449 G		26.58557	84.629157	Normal
11/8/20	16:17:16	35	0.1	240	30.3	2400	2449 G		26.58521	84.63	Normal
11/8/20	16:17:16	35	0.1	240	30.3	2400	2449 G		26.58443	84.630555	Normal
11/8/20	16:18:0	35	0.1	230	20.2	2300	2344 G		26.58374	84.631228	Normal
11/8/20	16:18:0	35	0.1	230	30.3	2300	2344 G		26.5832	84.632037	Normal
11/8/20	16:18:26	35	0.1	300	30.3	3000	3077 G		26.58249	84.632473	Normal
11/8/20	16:19:1	35	0.1	260	30.3	2600	2658 G		26.58158	84.632457	Normal
11/8/20	16:19:1	35	0.1	30	60.6	3000	3077 G		26.58143	84.632407	Normal
11/8/20	16:19:37	35	0.01				93099	Total			
							2449.97	Average			

Y = 0 * X ^ 2 + 1.047 * X - 63.36
X = 3000
Y = 3077

(R) RURAL ROAD
Good <4000
Average 4001-5000
Poor >5001

EXECUTIVE ENGINEER
R.W.D. (W.D.)
ARERAJ

11/8/20

333/2020-21

POD 215 of 2011 दिवस

Schedule XLV-Form No. 134

अखिल

DIVISION

अखिल

SUB-DIVISION

Measurement Book

अखिल

① Defining A-S-B
for upto 1500m

15 x	1.40 x m
14 x	1.40 x m
16 x	1.90 x m
21 x	2.20 x m
14 x	2.40 x m
14 x	2.10 x m
13 x	2.20 x m
22 x	1.90 x m
21 x	2.00 x m
22 x	1.70 x m
23 x	1.400 x m
21	Contin 1.800

1st on H/C

1 from P.W.D.
 Name of Work- M/R of road to hangal
 Situation of Work-
 Agency by which work is executed- Ramakant
 Date of Measurement-
 No. and date of agreement- 4 MBD/20-2/
 Date of start - 27/5/27
 Date of completion -
 (These four lines should be repeated at the commencement of the measurement relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① cleaning & grubbing Road Bend					
2 x 10 x 10 x 38.10 m				1.00	7620.00
					70.76 m
② Work of Subgrade in Blank					
BT box for 2 x 10 x 10 x 36.60 x 1.00 x 0.31					
c.c. path					2196.00
2 x 3 x 50.00 x 0.50 x 0.30 m					45.00
					2241.00
③ Digging & Subgrading					
Details of pits					
15 x 1.40 x 0.60 x 0.150					1.89
14 x 1.40 x 0.30 x 0.125					1.03
16 x 1.90 x 0.800 x 0.150					2.28
21 x 2.20 x 0.400 x 0.125					3.23
14 x 2.40 x 0.900 x 0.150					4.54
14 x 2.10 x 0.200 x 0.125					1.03
13 x 2.20 x 0.500 x 0.150					2.15
22 x 1.90 x 0.800 x 0.125					5.85
21 x 2.0 x 0.600 x 0.150					3.78
22 x 1.70 x 0.500 x 0.125					3.27
23 x 1.400 x 0.800 x 0.150					3.86
21 Continuation					3.97
22 x 2.00 x 0.500 x 0.125					3.85
28 x 1.850 x 0.400 x 0.150					3.11
26 x 1.700 x 0.500 x 0.125					3.87

1st on 4/1/2018
ABSTRACT OF LS

13
 Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Clearing & grubbing of Road Land					
Qty for side P ₁ to (1)					
10.264 @ 49496.20/m					37613
(2) Subgrade & Plank					
Qty for side P ₁ to 2					
2241.0m ² @ 176.75/m ²					396096
(3) Paving G.S.B. Roading II					
Qty for side P ₁ to 2					
312.4m ² @ 2319.28/m ²					723940
(4) Paving S.M. Roading II					
Qty for side P ₁ to 3					
12463m ² @ 4301.23/m ²					51123
(5) Paving S.M. Roading III					
Qty for side P ₁ to 4					
288.24m ² @ 3878.65/m ²					1117982
(6) Paving Concrete					
Area for side P ₁ to 5					
3881.63m ² @ 4162/m ²					161553
(7) Patch work over W.B.M. using Mixture Cement					
Area for side P ₁ to 6					
3938.44m ² @ 208.28/m ²					822267

Continuation

R 39805792
 Cor

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑧ Tack coat for side P ₁₁ item 7				B.F.B	3980579
218368.82 m ² @ 14.11/m ²					3259184
⑨ Semi dense Bituminous Concrete					
Qty for side P ₁₂ item 8					
2360.76 m ² @ 10534.01/m ²					3800249
⑩ Kilometer stay for side P ₁₂ item 9					3800249
⑪ Ordinary K ₁₁					
25 No @ 2414.40 each					12072
⑬ 200 m stay					
216 No @ 248.44 each					10372
⑭ Direction & grade board for side P ₁₂ item 10					
211.52 m ² @ 12430.6/m ²					143200
⑮ Retro reflective Traffic sign					
for side P ₁₂ item 11					
⑯ 600 mm equilateral triangle					
230 No @ 3713.71 each					111411
⑰ 600 mm circle					
2 No @ 3813.06 each					7626
⑱ 600 mm x 450 mm rectangle					
8 No @ 3683.54 each					294712
⑲ Bussell's Biller for side P ₁₂ item 12					
2172 No @ 538.94 each					38803
⑳ Road Marking					
for side P ₁₂ continuation 13					
2762.0 m ² @ 735.40/m ²					560374
					89533442

(15) Subgrade & Blinding 300 mp. R 895334
 by 45.00 m @ 898.19/m — 40418.
 (16) Base work in plot in P12
 City M. V. P. 10th 5-15-88 m @ 5719.632-816472
 Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(17) (B) Main road P12 in 14				895334
→ 5000 @ 9502.65/m				647513
14				895334
14				895334
(18) Blinding in cur (1.4) in 14				38385
→ 20.16 m @ 190.40/m				
(19) Blinding in cur (1.4) in 14				34546
→ 181.44 m @ 190.40/m				
(20) painting two coats in cur				119279
→ 201.60 m @ 95.83/m				

add 140 m @ 140				911542
add 121.4 m @ 140				1093849
main road 0.01				103004162
				10299826
(1) Subgrade 224.10 m				111520
(2) Stone metal 249.00 m				
(3) Screening material				
→ 166.00 m + 141.59 m				307.59
(4) Stone metal for T.H.				
→ 615.61 m				
(5) Brud sim. S.S. 3.3770 m				
Rs. 4.959 m				
(6) Bitumen 7.4830 m + 41.6261 m				
= 49.1091 m				
(7) Thermoplastic paint - 600 kg				

Continuation

कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, अरेराज,

पत्रांक- का0अ0-अरेराज-369 / 17.18.2020

/दिनांक 14/08/2020

प्रेषक :- कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल अरेराज।

सेवा में,

अपर मुख्य कार्यपालक पदा0-सह0-सचिव,
बिहार पथ विकास अभिकरण, पटना।

विशय:- MR(3054) New Maintenance Policy-2018 योजनान्तर्गत राशि की अधियाचना के संबंध में।

महाशय,

उपरोक्त विषय के संबंध में कहना है कि MR(3054) New Maintenance Policy-2018 योजनान्तर्गत राशि का व्यय किया गया है। अनुरोध है कि अधियाचना प्रपत्र में दर्शाये गये प्राप्त आवंटन एवं व्यय को मानते हुए अधियाचित राशि उपलब्ध कराने की कृपा की जाय। कार्य का निरीक्षण किया कार्य संतोषप्रद है। उक्त पथ में ए0टी0आर0 लंबित नहीं है।

- अनु0- 1) अधियाचना प्रपत्र।
2) 19 ए प्रपत्र।
3) एकरारनामा की छाया प्रति।
4) Signed Hard Copy and Soft Copy (in excel) of recorded IRI is enclosed

विश्वासभाजन,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल -अरेराज।

Surface

/दिनांक

Thickness of
lumen
layer
(in mm)

25

1

1

- विश्वासभाजन,

181

ज्ञापांक-का0अ0-अरेराज-369 / 1718

/दिनांक 14-08-2020

प्रतिलिपि :- नोडल पदाधिकारी, MR-3054, ग्रामीण कार्य विभाग, बिहार, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु समर्पित।

कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल-अरेराज।

$$\frac{114}{2418} \approx 2\%$$

**OFFICE OF THE EXECUTIVE ENGINEER,
RURAL WORKS DEPARTMENT, WORKS DIVISION, ARERAJ.**

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

Name of Works Division : Areraj

SI 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 of (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 Areraj/-16	Areraj Bettiah PWD Rad ke English Gaon To REO Path tak Sadak Nirman	31708301016	Latter No. 3308 Date- 31.07.2019	0.620	29.24690	18.38033	5.58680	04-MBD/2020-21 Date- 27.05.2020	26.02.2021	In Progress	2912.57	25	5.00	0.00000	0.00000	17.37408	Ongoing
2	MR-N/19-20 Areraj/-16	PWD Road to Gangapipra	31708202163	Latter No. 3308 Date- 31.07.2019	3.016	130.46690	109.50733	34.69052	04-MBD/2020-21 Date- 27.05.2020	26.02.2021	In Progress	2449.97	25	5.01	0.00000	0.00000	102.99386	Ongoing
3	MR-N/19-20 Areraj/-16	Khairwa To Bhanja Chhapra	31708202092	Latter No. 3308 Date- 31.07.2019	2.890	121.75080	54.43132	16.74380	04-MBD/2020-21 Date- 27.05.2020	26.02.2021	In Progress	3042.28	25	5.00	0.00000	0.00000	51.26624	Ongoing
					6.526	281.465	182.31898	57.02112							0.00000	0.00000	171.63418	

- 1 Signed Hard Copy and Soft Copy (in excel) of recorded IRI is enclosed.
- 2 Up-to-date Physical Progress has been uploaded in MIS.


 Executive Engineer,
 Rural Works Department,
 Works Division, Areraj.