

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, जयनगर
पत्रांक.....1175 जयनगर, दिनांक 17.08.23

प्रेषक :- कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, जयनगर

सेवा में,
नोडल पदाधिकारी (3054)
ग्रामीण कार्य विभाग
ब्राडा, पटना।

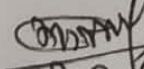
विषय :- **MR-3054 (NMP)** योजनान्तर्गत चल रहे योजनाओं हेतु आवंटन उपलब्ध कराने के सम्बंध में।

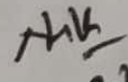
महाशय,

उपर्युक्त विषय के सम्बंध में कहना है कि **MR-3054 (NMP)** योजना हेतु अधियाचना विहित प्रपत्र में आवश्यक कार्रवाई हेतु समर्पित की जाती है।

अनु०- यथोक्त।

विश्वासभाजन


17/8/23
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, जयनगर


17.8.23

MIR(3054) Under Bihar Rural Road Maintenance Policy-2018 (Initial Rectification and Surface Renewal)

Name of Works Division. Jaynagar

Sl No	Package No	Name of the Road (English)	Project ID as per MIS	Administrative Approval (AA) Letter no Date	Administrative Approval (AA)		Agreement Amount (In Lakh)		Agreement No & Date	Date 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	Requisition against work done (in Lakh)	Remarks
					Length (in KM)	Amount of Lakh	Initial Rectification and Surface Renewal (in Lakh)	Five 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	RM/MA/JA Y/23/0003	T01 - MATTHUR ROAD	31909702012	L-2135 Dt-15.03.2022	1.057	50.27000	38.63819	8.92248	04/M/BD/23-24 13.05.2023	18.01.2024	-	2822	25 mm	5.05%	0.00000	0.00000	36.72607	

Handwritten signature
17/8/23

Handwritten signature
17.8.23

RWD, Works Division, Jaynagar

Handwritten signature
17/8/23

FORM GFR -19 -A

(see Govt. of India's decision (i) below rule 150)
Form of Utilisation Certificate upto August - 2023

Rural Road Maintenance policy-2018

PIU:- R.W.D. Works, Division, Jaynagar

Sl. No.	Name of Scheme	Sanction No.& Date with amount (in Rs. Lakh)	Amount Received (in Rs. Lakh)	Particulars
1	2	3	4	5
1	Construction of Road Under Rural Road Maintenance policy-2018	3459.36450	3459.36450	Certified that out of Rs.3459.36450 Lakh received till date in favour of Ex.Engineer, R.W.D. Works Division, Jaynagar a sum of Rs.3421.62861 Lakh has been utilized for the purpose of Rural Road Maintenance policy-2018 Scheme as given in the margine for which it was sanctioned and that the balance of Rs.37.73589 Lakh remaining unutilized at the end of the period under the time of completion.

2 Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the propose for which it was sanctioned.

Kind of Checks Exercised :-

- Workers have been supervised by Executive Engineer/ Superintending Engineer
- Periodical inspection has been conducted by Executive Engineer/Superintending Engineer
- Construction materials have been tested.
- Measurements have been recorded in the MB's and test check conducted by the Assistant
- All other codal formalities have overserved

[Signature]
17/8/23

[Signature]
Executive Engineer
Rural works Department
Works Division, Jaynagar

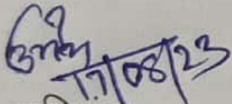
[Signature]
17.8.23

प्रमाण-पत्र

शीर्ष :- 3054 एम0 आर0 (बिहार ग्रामीण पथ अनुरक्षण निति-2018)

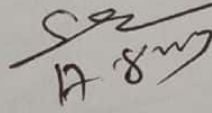
योजना :- T01 To Mathur Road (Package No.- RM/MA/JAY/23/0003)

1. मपीपुस्त पर इस आशय का प्रमाण-पत्र दर्ज है कि कार्य गुणवत्तापूर्ण कराया गया है।
2. कराये गये कार्यों के सभी अवयवों के अवयववार 100 प्रतिशत कार्य का दर्ज मापी का सत्यापन कनीय अभियंता, 50 प्रतिशत मापी का सत्यापन सहायक अभियंता एवं 10 प्रतिशत मापी का सत्यापन कार्यपालक अभियंता द्वारा किया गया है।



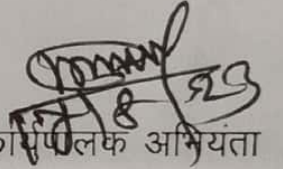
कनीय अभियंता

कार्य प्रशाखा, बासोपट्टी



सहायक अभियंता

कार्य अवर प्रमंडल, बासोपट्टी



कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल, जयनगर

Name of work :	T01 To Mathur Road
Name of customer :	Randhir Kumar
(R) Rural Road	
Good	Average
< 4000	4001 - 5000
	> 5000
Poor	

Date	Time	Test No	Distance(m)	Total Distance(m)	BUMPlcm)	Speed(Km/Hr)	UI(mm/Km)	Corrected UI (mm/Km)	IRI	Status	Latitude	Direction	Longitude	Direction1	Remarks
03/08/23	17:01:23	26	0	0	0.0 cm	0.0 Km/Hr	0.0 mm/Km	196	0.35	Good	26.6172849	N	86.0469457	E	Normal
03/08/23	17:02:59	26	100	100	29.0 cm	3.2 Km/Hr	2900.0 mm/Km	2885	3.89	Good	26.6175445	N	86.0465729	E	Normal
03/08/23	17:03:17	26	100	200	27.0 cm	19.8 Km/Hr	2700.0 mm/Km	2699	3.67	Good	26.6175387	N	86.0464978	E	Normal
03/08/23	17:03:35	26	100	300	36.0 cm	21.3 Km/Hr	3600.0 mm/Km	3534	4.66	Good	26.6177116	N	86.0461037	E	Normal
03/08/23	17:03:50	26	100	400	31.0 cm	23.8 Km/Hr	3100.0 mm/Km	3070	4.11	Good	26.6180673	N	86.0447288	E	Normal
03/08/23	17:04:05	26	100	500	36.0 cm	22.3 Km/Hr	3600.0 mm/Km	3534	4.66	Good	26.6180391	N	86.0446291	E	Normal
03/08/23	17:04:20	26	100	600	25.0 cm	20.2 Km/Hr	2500.0 mm/Km	2514	3.44	Good	26.6183840	N	86.0441025	E	Normal
03/08/23	17:04:35	26	100	700	31.0 cm	23.1 Km/Hr	3100.0 mm/Km	3070	4.11	Good	26.6182464	N	86.0405594	E	Normal
03/08/23	17:04:51	26	100	800	35.0 cm	23.4 Km/Hr	3500.0 mm/Km	3441	4.55	Good	26.6182272	N	86.0403771	E	Normal
03/08/23	17:05:05	26	100	900	27.0 cm	25.4 Km/Hr	2700.0 mm/Km	2699	3.67	Good	26.6171032	N	86.0394454	E	Normal
03/08/23	17:05:20	26	100	1000	33.0 cm	21.3 Km/Hr	3300.0 mm/Km	3255	4.33	Good	26.6171642	N	86.0388204	E	Normal
03/08/23	17:05:34	26	50	1050	30.0 cm	22.8 Km/Hr	3000.0 mm/Km	2977	4	Good	26.6168914	N	86.0386183	E	Normal

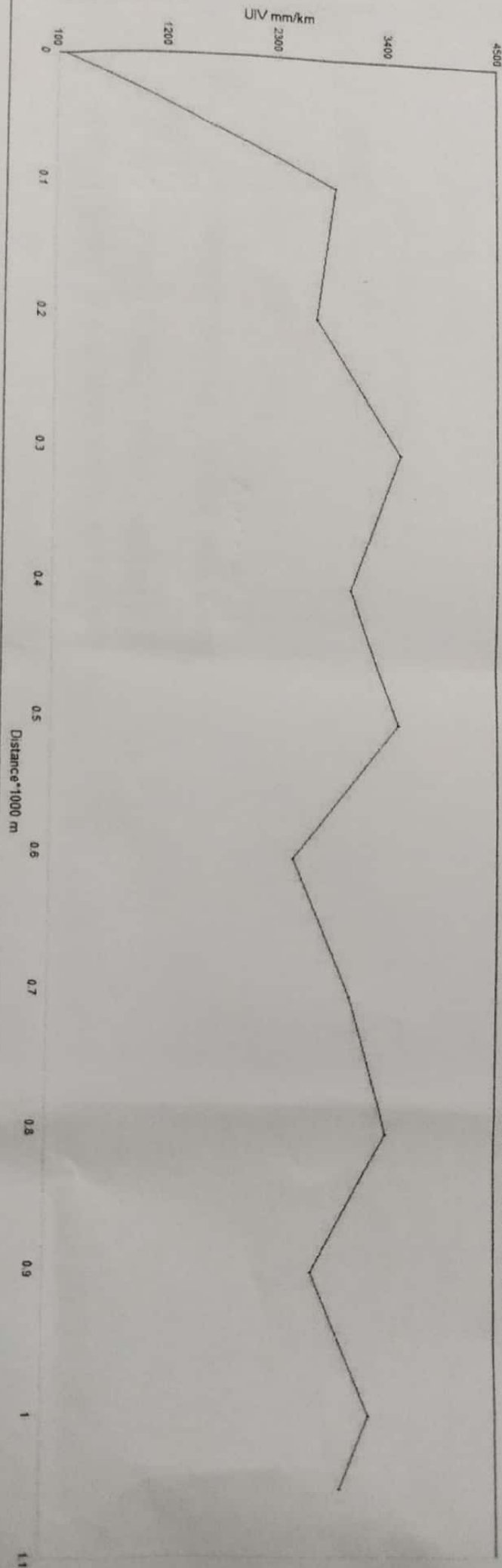
Ave:- 2822

6m
17/08/23
7:32

Spz
17/8m
m

Executive Engineer
Rural Works Department
Works Division, Jaynagar

Name of Customer: Randhir Kumar, Machine no: 19195, Road: T01 To Mathur Road, Date: 03/08/23, Section No: 26, Equation: $Y = 0.927 X + 196.3$



6m/3
17/08/23
72

Sa
128m
m2

1000
10/08/23

Executive Engineer
Rural Works Department
Works Division, Jaynagar

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, क्षेत्रीय प्रयोगशाला, दरभंगा।

पत्रांक :- 582 (अनु0)

प्रयो0 / दरभंगा / दिनांक : 02.8.23

प्रेषक,

(ई0 अफरान अहमद)
कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
क्षेत्रीय प्रयोगशाला, दरभंगा।

सेवा में,

ई0 सुमन कुमार

सहायक अभियंता, ग्रामीण कार्य विभाग,

कार्य उबर प्रमोड, बासोपड़ी

विषय :- गुणवत्ता जाँच प्रतिवेदन समर्पित करने के संबंध में।

प्रसंग :- आपका पत्रांक ...32... दिनांक - 31.07.23.....

महाशय,

उपर्युक्त विषयक संबंध प्रासंगिक पत्र के आलोक में आपके द्वारा समर्पित सामग्रियों के नमूनों की जाँच की गई। जाँच-फल प्रतिवेदन इस पत्र के साथ संलग्न कर अग्रेतर कारवाई हेतु समर्पित किया जा रहा है।

अनुलग्नक :- जाँच प्रतिवेदन मूल में।

निश्चाराभिलेख

02/08/23

(ई0 अफरान अहमद)
कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,

क्षेत्रीय प्रयोगशाला, दरभंगा।

02/08/2023

OFFICE OF THE EXECUTIVE ENGINEER, REGIONAL LABORATORY, R.W.D., DARBHANGA (BIHAR)

BITUMEN PERCENTAGE TEST

Name of the Scheme Gravel of road to Mahabharat road

Name of the work Division RWD Jaynagar

Package No 04 ASD/23/24

Name of the work circle Darbhanga

Sample collected by MLC LL NS 33 date 31/07/23

Name of Agency Sri Ramesh Kumar

Date of sample collection 31/07/23

Date of test 02.08.23

S.D.B.C

Sl No	Sample No	1	2	3
1	Wt. of mix taken before extraction (A) gm	500.170		
2	Wt. of filter paper before extraction (B) gm	4.910		
3	Wt. of mix after extraction (C) gm	471.540		
4	Wt. of filter paper after extraction (D) gm	5.890		
5	Wt. of filler collected from extract after allowing for setting (E) gm	2.400		
6	Wt. of filler collected in filter paper (D-B)=F gm	0.980		
7	Wt. of aggregate + filter paper (C+E+F)=G gm	474.920		
8	Percentage of Bitumen (in the mix) [(A-G)x100/A]	5.05%		

Yashwanth Kumar
02/08/2023

Laboratory Assistant
R.W.D. Regional Laboratory
Darbhanga (Bihar)

Vandana Kumar
02/08/2023

Assistant Engineer
R.W.D. Regional Laboratory
Darbhanga (Bihar)

Yashwanth Kumar

Executive Engineer
R.W.D. Regional Laboratory
Darbhanga (Bihar)



OFFICE OF THE EXECUTIVE ENGINEER, REGIONAL LABORATORY, R.W.D, DARBHANGA (BIHAR)

BITUMEN PERCENTAGE TEST

Name of the Scheme Const of road No. 04 MSD / 23-24
 Name of the work circle Darbhanga
 Name of the work circle Darbhanga
 Name of Agency S.M. Ranthur Kumar
 Date of test 02.08.23

Package No. 04 MSD / 23-24
 Sample collected by vide. It No. 32. dt. 31.07.23
 Date of sample collection 31.07.23

M.S.S

Sl No	Sample No	1	2	3
1	Wt. of mix taken before extraction (A) gm	500.080		
2	Wt. of filter paper before extraction (B) gm	4.890		
3	Wt. of mix after extraction (C) gm	475.670		
4	Wt. of filter paper after extraction (D) gm	5.990		
5	Wt. of filler collected from extract after allowing for setting (E) gm	2.180		
6	Wt. of filler collected in filter paper (D-B)=F gm	1.100		
7	Wt. of aggregate + filter paper (C+E+F)=G gm	478.950		
8	Percentage of Bitumen (in the mix) [(A-G)x100/A]	4.22%		

Laboratory Assistant
 R.W.D. Regional Laboratory
 Darbhanga (Bihar)

Assistant Engineer
 R.W.D. Regional Laboratory
 Darbhanga (Bihar)

Executive Engineer
 R.W.D. Regional Laboratory
 Darbhanga (Bihar)



Schedule XLV-Form No. 134

_____SUB-DIVISION

MEASUREMENT BOOK

RANDHIR KUMAR

1st on A/c Bill

1

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work—	M/R of Road				
Situation of Work—	from TDI To Mathura Road				
Agency by which work is executed—	under MR-3053				
Date of Measurement—	Agency:- Randhaz Kumar				
No. and date of agreement	Agreement No. — 13-04-2023				
	Agreement No. — 04/MSD/2023-24				
	Date of Start — 19-04-23				
	Date of completion — 18-01-24				
	Rate quoted — 10% below.				
	Record made				

① Prov. and final MR mobil 2 Hs

② clearing and grubbing Rd land — 2

2	2	5	30	1.0	= 360.0
2	2	5	30	1.0	= 300.0
2	2	10	30	1.0	= 600.0
2	2	7	30	1.0	= 420.0
2	2	7	30	1.0	= 420.0
2	2	7	30	1.0	= 420.0

T = 2114 H

i.e. = 0.211 Hae

③ Grd. of subgrade 28/300

2 x 9 x 30 x 0.72 x 0.50 = 233.28

Continuation



ABSTRACT OF COST

7

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① clearing and grubbing Ed bund - d					
Qty vide P ① 8 mm					
0.21 Ha @ 2 72697.86/m ²					15267m
② Pw. and fly m ² m ² Bund - a					
2 No Qty vide P ① 8 mm					
+ 2 No Qty vide P ② 8 mm					
4 No @ 11529.33/m ²					46320m
③ Cost of subgrade P @ 1/1000 - d					
Qty vide P ② 8 mm					
769.3272 @ 263.22/m ²					202522m
④ Pw. cost of 1st m ² Qty vide P ② 8 mm					
39.2372 @ 3945.78/m ²					156266m
⑤ Pw. WBM of 1st m ² Qty vide P ③ 8 mm					
73.8672 @ 5619.41/m ²					415050m
⑥ Pw. Prime coat -					
Qty vide P ③ 8 mm					
984.8672 @ 45.51/m ²					44818m
⑦ Pw. Tack coat -					
1292.5172 Qty vide P ④ 8 mm					
+ 4003.3172 Qty vide P ⑤ 8 mm					
5295.8244 @ 21.19/m ²					112218m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑧ Pm. Patches by mss Qty vide P ⑤ 8 mm					
1292.54 ² ea 296.25/1/2					383582
⑨ Pm. S.D. B.C. — do Qty vide P ⑤ 8 mm					
100.084 ² ea 14968.87/1/2					1498088
⑩ Pm. and fly key Pm Qty vide P ⑤ 8 mm					
2 Nos ea 3094.13/ea					61882
⑪ Pm. & fly mss Pm Qty vide P ⑤ 8 mm					
4 Nos ea 845.56/ea					33822
⑫ Pm. and fly banding Pm — do Qty vide P ⑤ 8 mm					
80 Nos ea 682.82/ea					546262
⑬ Pm. and fly net reflective mss Band Qty vide P ⑤ 8 mm					
① 600mm equalized type 12 Nos ea 4466.19/ea					535942
② 600mm crink 4 Nos ea 4384.97/ea					17540
③ 600 x 413 mm neck 5 Nos ea 4241.18/ea					212062
④ 900mm velum 2 Nos ea 8685.97/ea					173222

Continuation

Continuation

Material		Slab width
①	S/Metal	= 122.24 MPa
②	S/Clwb	= 178.62 MPa
③	K. Sand	= 15.04 MPa
④	e/w	= 769.52 MPa
⑤	Proffes	= 309.5 MPa
⑥	S/dur	= 21.64 MPa
⑦	SSY	= 0.840 MPa
⑧	RSY	= 1.456 MPa
⑨	Perfing 1/10	= 2.376 MPa
⑩	Perfing 1/30	= 11.548 MPa

14108 MPa
 7



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Bituminous details</u>					
Invoice No.				Dtd.	Qty.
V10-10	BH 55 20024365			27 $\frac{2}{29}$	2.652
V11-30	BH 55 20024366			27 $\frac{2}{29}$	11.700
				T =	14.352
used Qty					= 13.924
					Balance Qty = 0.428 MT.
<u>Groutwork -</u>					
	IP/BR/TL/23-24/108			dtl	22 $\frac{62}{3}$
① SST					1.60 MT
② RST					1.00 MT
<u>Grout</u>					
	IP/BR/TL				
	72				
					16.8 m ³
					m ²