

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, औरंगाबाद

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Mob:- 8986915333

पत्रांक..... 4689..... औरंगाबाद/दिनांक..... 04/11/20

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, औरंगाबाद

सेवा में,

नोडल पदाधिकारी (MR 3054)
ग्रामीण कार्य विभाग
पटना, बिहार

विषय :- नई अनुरक्षण नीति-2018MR (3054) योजना के अंतर्गत पथ में कराये गये कार्य के विरुद्ध आवंटन उपलब्ध कराने के संबंध में।

महाशय,

उपरोक्त विषय के संबंध में सूचित करना है कि नई अनुरक्षण नीति-2018 MR (3054) योजना के अंतर्गत पथ में कराये गये कार्य के लिए संवेदक को भुगतान करने हेतु अध्याचना विहित प्रपत्र में भरकर आवश्यक कार्यवाही हेतु समर्पित की जाती है।

अनु :- यथोक्त।

विश्वास भाजन

यु.ए. 04/11/2020
कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, औरंगाबाद
04/11/20

OFFICE OF EXECUTIVE ENGINEER, RURAL WORKS DEPARTMENT, WORKS DIVISION, Aurangabad

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

Name of Works Division:- Aurangabad

Sl no.	Package No	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No & Date	Administrative		Agreement Amount		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 Alloted 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 Year 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/AU/AUR/19/0013	L120 - ToS GHORHA TO BAKHTARPUR (TRACK120)	10602802070	3140/22.07.2019	2.6	98.87	66.17	22.70	15.02.2020 70MBD-2019-20	14.11.2020	16.10.20	2561	25.00MM	5.071%	0.00000	0.00000	66.17	Comp.
TOTAL																66.17		

Divisional Accounts Officer
Rural Works Department, works Division,
Aurangabad

Executive Engineer
Rural Works Department
Works Division, Aurangabad
04.11.20

Name of Road:- L120-T02 Ghorha to Bakhtarpur

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI mm/km	CATEGORY ROAD	Latitude	Longitude	Event
16/10/20	10:28:1	25	0.1	310	10.2	3100	3515	G	24.845422	84.272255	Normal
16/10/20	10:28:36	25	0.1	180	20.2	1800	2215	G	24.845643	84.273198	Normal
16/10/20	10:28:36	25	0.1	190	30.3	1900	2315	G	24.845853	84.274123	Normal
16/10/20	10:29:0	25	0.1	170	30.3	1700	2115	G	24.846072	84.27513	Normal
16/10/20	10:29:12	25	0.1	150	30.3	1500	1915	G	24.845793	84.276027	Normal
16/10/20	10:29:12	25	0.1	160	30.3	1600	2015	G	24.845485	84.276968	Normal
16/10/20	10:29:12	25	0.1	200	30.3	2000	2415	G	24.84524	84.277945	Normal
16/10/20	10:29:47	25	0.1	240	30.3	2400	2815	G	24.845268	84.278905	Normal
16/10/20	10:30:0	25	0.1	320	20.2	3200	3615	G	24.84535	84.279813	Normal
16/10/20	10:30:22	25	0.1	220	20.2	2200	2615	G	24.8462	84.280185	Normal
16/10/20	10:30:22	25	0.1	260	30.3	2600	3015	G	24.847018	84.280453	Normal
16/10/20	10:30:22	25	0.1	200	30.3	2000	2415	G	24.847908	84.280757	Normal
16/10/20	10:30:57	25	0.1	230	20.2	2300	2715	G	24.848575	84.281447	Normal
16/10/20	10:31:0	25	0.1	230	20.2	2300	2715	G	24.849138	84.282103	Normal
16/10/20	10:31:0	25	0.1	160	30.3	1600	2015	G	24.849022	84.28308	Normal
16/10/20	10:31:33	25	0.1	150	30.3	1500	1915	G	24.848865	84.284023	Normal
16/10/20	10:31:33	25	0.1	280	20.2	2800	3215	G	24.849015	84.284813	Normal
16/10/20	10:32:0	25	0.1	150	30.3	1500	1915	G	24.849935	84.28508	Normal
16/10/20	10:32:8	25	0.1	200	30.3	2000	2415	G	24.850795	84.285302	Normal
16/10/20	10:34:0	25	0.1	260	20.3	2600	3015	G	24.853757	84.281262	Normal
16/10/20	10:38:36	25	0.1	150	20.1	1500	1915	G	24.854128	84.281093	Normal
16/10/20	10:39:11	25	0.1	180	30.1	1800	2215	G	24.85338	84.281565	Normal
16/10/20	10:39:47	25	0.1	270	20.2	2700	3115	G	24.852718	84.282053	Normal
16/10/20	10:40:0	25	0.1	280	20.2	2800	3215	G	24.852077	84.282642	Normal
16/10/20	10:40:0	25	0.1	210	30.3	2100	2515	G	24.851843	84.283502	Normal
16/10/20	10:40:22	25	0.1	230	30.3	2300	2715	G	24.851658	84.284528	Normal
Total Length			2.600								

$$Y = 0 * X^2 + 1.136 * X + 132.5$$

$$X = 2146$$

$$Y = 2561$$

(R) RURAL ROAD

Good Average Poor

<4000 4001-5000 >5001

Ranjan
09-11-20
J.E
Bm

H
4/11/20
A.E

4/11/2020
Executive Engineer
RWD (W) Division
Aurangabad

Name of Customer : Rajesh Kumar Singh
Name of Work/ Road : L120-T02 Ghorha to Bakhtarpur
Lab Job number : 25
Date : 16-10-2020
Section No. : 25

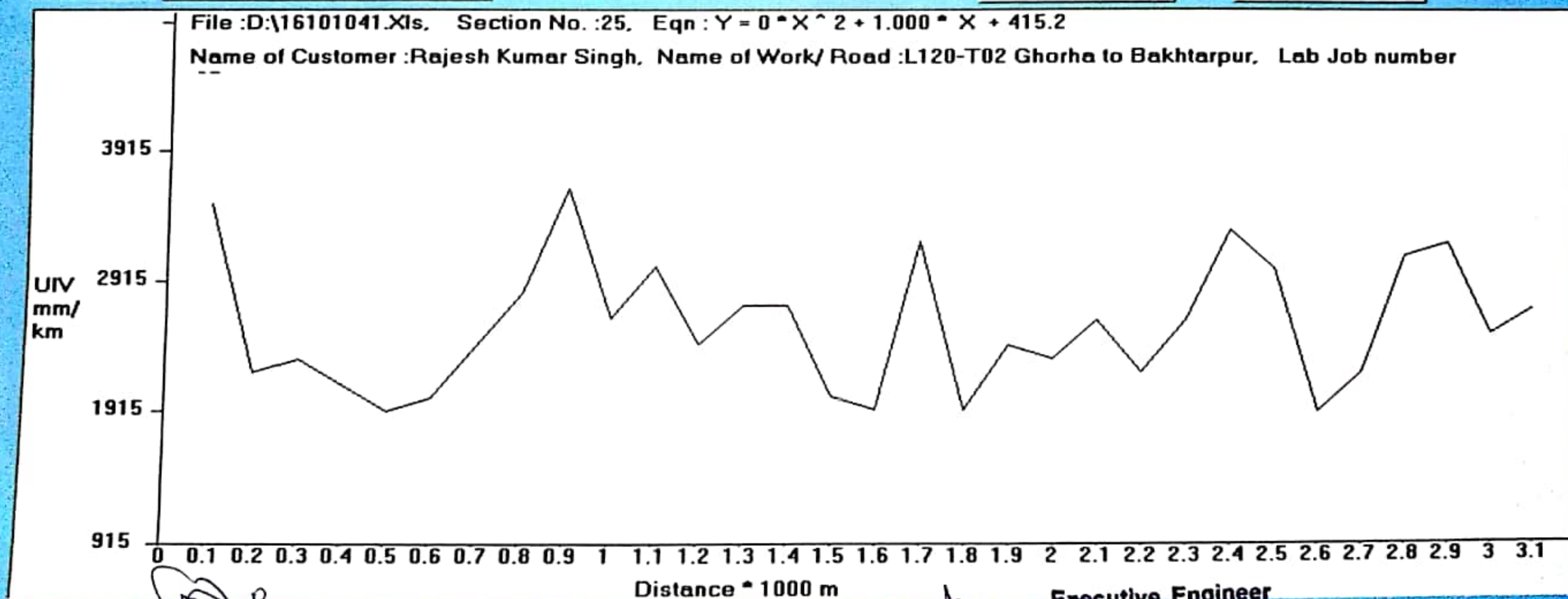
Test Date : 16-10-2020
Machine No : 387
Start S No : 3
Start E No : 33
Weather : Normal
Start Location : 24.845, 84.272
End Location : 24.856, 84.3284
Road Name : L120-T02 Ghorha to Bakhtarpur
Road Type : (R) RURAL ROAD
Side :
Interval
UIV Range : 915 To 5000 1000 mm/km
Dist Range : 0 To 3.2 0.1 * 1000 m
Equation : $Y = 0 * X^2 + 1.000 * X + 415.2$

Print

Generate Report and Graph

Redraw Graph

Map View



Ram
04-11-20
J.D. Bui

Jul
4/11/20
A.E

Executive Engineer
RWD (W) Division
Aurangabad

REPORT ON
BITUMEN CONTENT TEST
FOR THE PROPOSED
C/O

L120-T05 GHORHA TO BAKHTAPUR ROAD
UNDER SCHEME MR 3054
AGREEMENT NO -70MBD/2019-20

SUBMITTED TO:
EXECUTIVE ENGINEER
RWD. WORKS DIVISION, AURANGABAD

AGENCY NAME :
RAJESH KUMAR SINGH KANHAIYA COMPLEX
KARMA ROAD AURANGABAD

TESTING BY :
OM SAI TESTING AND RESEARCH
LABORATORY

2nd FLOOR MAHESWARI COMPLEX FRASER ROAD LODIPUR PATNA
PIN CODE 800001

Yash
19/10/2020
Executive Engineer
R.W.D. (W) Division

16-10-20
AV

16/10/20
AV

OM SAI TESTING AND RESEARCH LABORATORY

2nd FLOOR MAHESWARI COMPLEX FRASER ROAD LODIPUR PATNA

PIN CODE 800001

Date

Ref.....

BITUMEN CONTENT TEST OF SDBC

Name of Road : L120-TOS GHORNA TO BANHTAPUR ROAD
UNDER SCHEME MR 3054

Type Of Material : SEMI-DENSE BITUMINOUS
CONCRETE

DATE OF COLLECTION

17-Oct-20

DATE OF TESTING

20-Oct-20

SAMPLE NO.

Chainage & Section:		0+210 KM	1+415 KM	2+085 KM
S.NO.	Observations	1	2	3
1	Wt. of Mix taken before extration (A)	500	500	500
2	Wt. of filter paper before extration (B)	6	6	6
3	Wt. of Mix after extration (c)	471.98	471.45	472.05
4	Wt. of filter paper after extration (D)	6.82	7.12	6.92
5	Wt. of Filter collected from extract after allowing for seting (E)	1.75	1.92	1.932
6	Wt. of Filter collected in filter paper (B-D) = (F)	0.82	1.12	0.92
7	Wt. of Aggregate + Filter collected after extration (C - E + F) = (G)	474.55	474.49	474.9
8	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.09	5.102	5.02
Layer		Value		
SDEC		Avg. Value	5.071%	

Checked By

Tested By

[Signature]

OM SAI TESTING AND RESEARCH LABORATORY

2ND FLOOR MAHESWARI COMPLEX FRASER ROAD LODIPUR PATNA

PIN CODE 800001

TEST RESULTS OF SEMI-DENSE BITUMINOUS CONCRETE FLAKINESS INDEX

Ref.....

FLAKINESS INDEX

Date

NAME OF ROAD L120-T05 GHORHA TO BAKHTAPUR ROAD
UNDER SCHEME MR 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

19-10-2020

Weight of Sample(gr) - 564 GM

Sno	Passing through IS Sieve (mm)	Retained on IS sieve (mm)	Wt. of the fraction of at least 200 pieces (gm)	Thickness gauge size (mm)	Wt. of aggregate in each fraction passing thickness gauge (gm)
1	2	3	4	5	6
1	12.5	10	44	6.75	0
2	10	6.3	520	4.89	57
Total (gm)			W= 564 F.I.= 10.11	W= 57	

ELONGATION INDEX

NAME OF ROAD L120-T05 GHORHA TO BAKHTAPUR ROAD
UNDER SCHEME MR 3054

SEMI-DENSE BITUMINOUS CONCRETE

Type Of Material

Date Of Test 19-10-2020

Weight of Sample(gr) - 569 GM

Sno	Passing through IS Sieve (mm)	Retained on IS sieve (mm)	Wt. of the fraction of at least 200 pieces (gm)	Thickness gauge size (mm)	Wt. of aggregate in each fraction passing thickness gauge (gm)
		3	4	5	6
1	2	10	44	20.50	0
1	12.5	6.3	525	14.70	59
2	10				
Total (gm)			W= 569	w= 59	
F.I.+E.I.= 10.11+10.37			F.I.= 10.37	Authorized Signatory	
			20.48		

Authorized Signatory

[Signature]

Tested By

Checked By

OM SAI TESTING AND RESEARCH LABORATORY

2ND FLOOR MAHESWARI COMPLEX FRASER ROAD LODIPUR PATNA

PIN CODE 800001

Ref.....

Date

TEST RESULTS OF GRADATION FOR SEMI-DENSE BITUMINOUS CONCRETE

NAME OF ROAD L120-T05 GHORHA TO BAKHTAPUR ROAD
UNDER SCHEME MR 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 19-10-2020

Weight of Sample - 3270 GM

I.S Seive Designation	Weight of Sample Retained (gm.)	% of Weight Retained	Cummulative % of Weight Retained	% of Weight Passing	Spec.Limits Vide Table 500.15 MORTH Specification
13.2mm	0	0	0	100	100
9.5mm	137	4.2	4.2	95.8	90-100
4.75mm	1532	46.85	53.05	46.95	35-51
2.36mm	592	18.1	71.15	28.85	24-39
1.18mm	368	11.24	82.39	17.61	15-30
0.300mm	236	7.23	89.62	10.38	9-19.
0.075mm	200	6.13	95.75	4.25	3-8.
In Pan	139	4.25	100	0	-

Checked By



16/10/20
J2

Tested By

Authorized Signatory