

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

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Mob:- 8986915333

पत्रांक... 4689 अ. 5 औरंगाबाद / दिनांक... 04/11/2020

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 अधियाचना विहित प्रपत्र में भरकर आवश्यक कार्यवाही हेतु समर्पित की जाती है।

अनु :- यथोक्त।

विश्वास भाजन

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 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 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/19/0006	Const of Inda bigha pokhar to sokhya talab via western portion of naugrah	10602803011	3140/22.07.2019	3.8	148.32	97.33	36.07	05.02.2020 66MBD-2019-20	04.11.2020	03.11.2020	2125	25.00MM	5.009%	0.00000	0.00000	97.33	Comp.
2	RM/AU/AUR/19/0006	Const of Sahay bigha more to Beli Rd via Naugrah lepara manjhar	10602803017	3140/22.07.2019	5.2	223.50	137.77	49.54	05.02.2020 66MBD-2019-20	04.11.2020	03.11.2020	2085	25.00MM	5.003%	0.00000	0.00000	137.77	Comp.
TOTAL																	235.10	

Divisional Accounts Officer
Rural Works Department, works Division,
Aurangabad

Executive Engineer
Rural Works Department
Works Division, Aurangabad

04.11.20

Name Of Road Const of Sahay bigha more to Beli Rd via Naugrah lepura manjhar

Date	Time	Section	Length	Bumps	Speed	OR		CATEGORY	IRI	Latitude	Longitude	Event
		No.	in km	in mm	Rate	mm/km	UIV	ROAD				
3/11/20	13:6:43	49	0.1	140	30.3	1400	1722	G	2.45	24.77942	84.435723	Normal
3/11/20	13:26:42	49	0.1	240	10.1	2400	2858	G	3.85	24.77945	84.43672	Normal
3/11/20	13:27:0	49	0.1	260	20.2	2600	3086	G	4.13	24.77937	84.43776	Normal
3/11/20	13:27:18	49	0.1	220	20.2	2200	2631	G	3.58	24.77915	84.43872	Normal
3/11/20	13:27:18	49	0.1	240	20.2	2400	2858	G	3.85	24.77898	84.43973	Normal
3/11/20	13:27:53	49	0.1	200	20.2	2000	2404	G	3.3	24.77913	84.440638	Normal
3/11/20	13:28:0	49	0.1	160	20.2	1600	1950	G	2.74	24.77973	84.441413	Normal
3/11/20	13:28:0	49	0.1	200	30.3	2000	2404	G	3.3	24.78054	84.44202	Normal
3/11/20	13:28:28	49	0.1	220	10.1	2200	2631	G	3.58	24.7813	84.44249	Normal
3/11/20	13:29:3	49	0.1	230	10.1	2300	2745	G	3.72	24.78195	84.443163	Normal
3/11/20	13:29:3	49	0.1	240	20.2	2400	2858	G	3.85	24.78211	84.444107	Normal
3/11/20	13:29:39	49	0.1	130	20.2	1300	1609	G	2.31	24.78279	84.444628	Normal
3/11/20	13:30:0	49	0.1	140	20.2	1400	1722	G	2.45	24.78364	84.444965	Normal
3/11/20	13:30:14	49	0.1	190	30.3	1900	2290	G	3.16	24.78427	84.445707	Normal
3/11/20	13:30:14	49	0.1	150	30.3	1500	1836	G	2.6	24.7841	84.4467	Normal
3/11/20	13:30:14	49	0.1	110	30.3	1100	1382	G	2.02	24.78383	84.447693	Normal
3/11/20	13:30:14	49	0.1	130	30.3	1300	1609	G	2.31	24.78364	84.448618	Normal
3/11/20	13:30:49	49	0.1	120	30.3	1200	1495	G	2.16	24.78349	84.44968	Normal
3/11/20	13:31:0	49	0.1	120	30.3	1200	1495	G	2.16	24.78331	84.460572	Normal
3/11/20	13:31:0	49	0.1	130	40.4	1300	1609	G	2.31	24.78311	84.452	Normal
3/11/20	13:31:25	49	0.1	120	20.2	1200	1495	G	2.16	24.78391	84.451952	Normal
3/11/20	13:31:25	49	0.1	120	30.3	1200	1495	G	2.16	24.78481	84.452103	Normal
3/11/20	13:31:25	49	0.1	170	30.3	1700	2063	G	2.88	24.78573	84.452255	Normal
3/11/20	13:32:0	49	0.1	160	30.3	1600	1950	G	2.74	24.78659	84.45249	Normal
3/11/20	13:32:0	49	0.1	140	30.3	1400	1722	G	2.45	24.78752	84.452878	Normal
3/11/20	13:32:0	49	0.1	130	20.2	1300	1609	G	2.31	24.78843	84.45313	Normal
3/11/20	13:32:35	49	0.1	130	20.2	1300	1609	G	2.31	24.78866	84.452153	Normal
3/11/20	13:33:0	49	0.1	150	10.1	1500	1836	G	2.6	24.78925	84.452423	Normal
3/11/20	13:34:28	49	0.1	240	10.1	2400	2858	G	3.85	24.79164	84.454697	Normal
3/11/20	13:35:4	49	0.1	150	20.2	1500	1836	G	2.6	24.79247	84.454915	Normal
3/11/20	13:35:4	49	0.1	140	40.4	1400	1722	G	2.45	24.79337	84.45508	Normal
3/11/20	13:35:4	49	0.1	220	20.2	2200	2631	G	3.58	24.79431	84.45507	Normal
3/11/20	13:35:39	49	0.1	200	10.1	2000	2404	G	3.3	24.79507	84.455403	Normal
3/11/20	13:36:0	49	0.1	180	20.2	1800	2177	G	3.02	24.79595	84.455572	Normal
3/11/20	13:36:14	49	0.1	210	30.3	2100	2518	G	3.44	24.79669	84.456178	Normal
3/11/20	13:36:14	49	0.1	130	20.2	1300	1609	G	2.31	24.79737	84.45606	Normal
3/11/20	13:36:14	49	0.1	200	20.2	2000	2404	G	3.3	24.7981	84.455992	Normal
3/11/20	13:36:49	49	0.1	140	30.3	1400	1722	G	2.45	24.79907	84.456245	Normal
3/11/20	13:37:0	49	0.1	150	20.2	1500	1836	G	2.6	24.79978	84.4567	Normal

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

$$X = 1719$$

$$Y = 2085$$

(R) RURAL ROAD

Good Average Poor
<4000 4001-5000 >5001

Poneel

3/11/20
AD

3/11/20

3/11/20	13:37:0	49	0.1	170	30.3	1700	2063	G	2.88	24.80065	84.457053	Normal
3/11/20	13:37:24	49	0.1	180	40.4	1800	2177	G	3.02	24.80157	84.457305	Normal
3/11/20	13:37:24	49	0.1	120	30.3	1200	1495	G	2.16	24.80243	84.457608	Normal
3/11/20	13:37:24	49	0.1	140	30.3	1400	1722	G	2.45	24.80329	84.457945	Normal
3/11/20	13:38:0	49	0.1	180	10.1	1800	2177	G	3.02	24.80425	84.458097	Normal
3/11/20	13:38:0	49	0.1	230	20.2	2300	2745	G	3.72	24.80458	84.457172	Normal
3/11/20	13:38:35	49	0.1	150	20.2	1500	1836	G	2.6	24.80542	84.457558	Normal
3/11/20	13:38:35	49	0.1	230	30.3	2300	2745	G	3.72	24.80627	84.457878	Normal
3/11/20	13:39:10	49	0.1	120	30.3	1200	1495	G	2.16	24.80712	84.458265	Normal
3/11/20	13:39:10	49	0.1	160	30.3	1600	1950	G	2.74	24.80807	84.458568	Normal
3/11/20	13:39:10	49	0.1	180	30.3	1800	2177	G	3.02	24.80895	84.458855	Normal
3/11/20	13:39:45	49	0.1	230	20.2	2300	2745	G	3.72	24.8097	84.459377	Normal
3/11/20	13:40:20	49	0.1	200	20.2	2000	2404	G	3.3	24.81127	84.458938	Normal
Total Length			5.2									

Poncel
3/11/20
J.E

[Signature]
5.11.20
A.E

[Signature]
Executive Engineer
R.W.D (W) Division
Aurangabad

Steco Analyzer

Name of Customer : RAJNISH KUMAR SINGH
 Name of Work/ Road : Const of Sahay bigha more to B
 Lab Job number : 49
 Date : 03-11-2020
 Section No. : 49

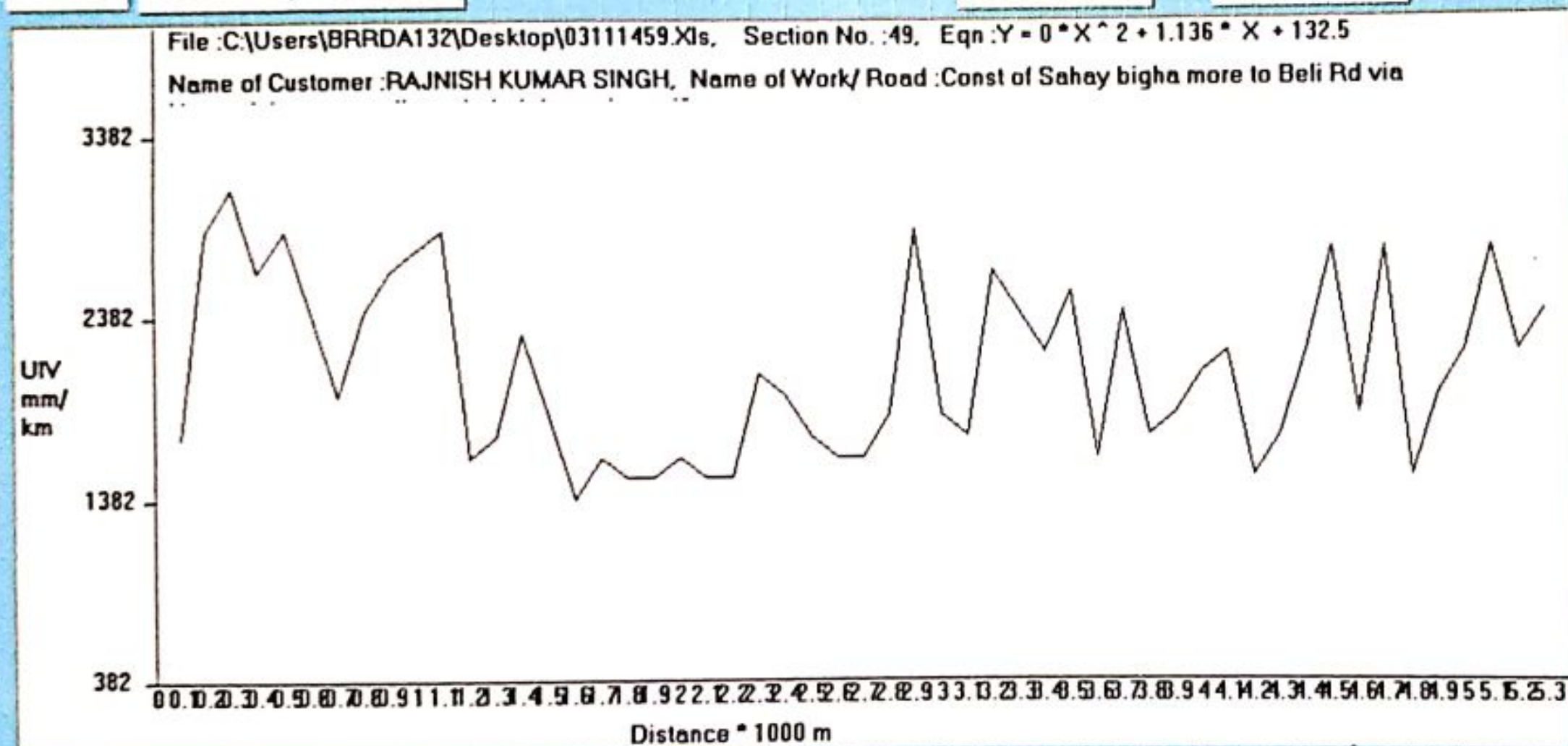
Test Date : 03-11-2020 Road Name : Const of Sahay bigha more to E
 Machine No : 377 Road Type : (R) RURAL ROAD
 Start S No : 305 Side : Aurangabad Interval
 Start E No : 356
 Weather : Normal UIV Range : 382 To 4000 1000 mm/km
 Start Location : 24 77942.84 4 Dist Range : 0 To 5.4 0.1 * 1000 m
 End Location : 24 81127.84 4 Equation : $Y = 0 * X^2 + 1.136 * X + 132.5$

Print

Generate Report and Graph

Redraw Graph

Map View



3/11/2020
 OB Akand

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3.11.20
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3/11/20
 Executive Engineer
 R.W.D. (W) Division
 Aurangabad

**REPORT ON
BITUMEN CONTENT TEST
FOR THE PROPOSED
C/O**

**SAHAY BIGHA MORE TO BELI ROAD VIA NAUGRAH LEPURA MANJHAR
UNDER SCHEME MR 3054
AGREEMENT NO :66MBD-2019-20**

**SUBMITTED TO:
EXECUTIVE ENGINEER
RWD. WORKS DIVISION, AURANGABAD**

**AGENCY NAME :
RAJNISH KUMAR SINGH RAMRAJ NAGAR
KARMA ROAD AURANGABAD**

**TESTING BY :
OM SAI TESTING AND RESEARCH
LABORATORY**

2nd Floor Maheswari Complex Fraser Road Patna

PIN CODE 800001

Prince
3/11/20
J.E.

shu
3.11.20
NAC

hsh
3/11/20

OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

Ref.....

BITUMEN CONTENT TEST OF SEMI-DENSE BITUMINOUS CONCRETE

Date

Name of Road :

SAHAY BIGHA MORE TO BELI ROAD VIA NAUGRAH LEPURA
MANJHAR UNDER SCHEME MR 3054

TYPE OF MATERIAL :SEMI-DENSE
BITUMINOUS CONCRETE

DATE OF COLLECTION

27-Oct-20

DATE OF TESTING

31-Oct-20

SAMPLE NO.

		A1	A2	A3
Chainage & Section:		1+520 KM	2+820 KM	4+315 KM
S.NO.	Observations	1	2	3
1	Wt. of Mix taken before extration	500	500	500
2	Wt. of filter paper before extration	6.08	6.015	6
3	Wt. of Mix after extration	472.1	471.97	471.75
4	Wt. of filter paper after extration	6.78	7.08	6.91
5	Wt. of filler collected from extract after allowing for seting	1.91	1.95	1.940
6	Wt. of filler collected in filter paper	0.7	1.065	0.91
7	Wt. of Aggregate + Filler collected after extration	474.71	474.985	474.6
8	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.06	5.003	5.08
Layer		Value		
SDBC		Avg. Value	5.047%	

Checked By

Tested By



OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

Ref.....

Date

TEST RESULTS OF SEMI-DENSE BITUMINOUS CONCRETE FLAKINESS INDEX

FLAKINESS INDEX

NAME OF ROAD SAHAY BIGHA MORE TO BELI ROAD VIA NAUGRAH LEPURA MANJHAR UNDER
SCHEME MR 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 30-10-2020

Weight of Sample(gr) - 463 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	39	6.75	0
2	10	6.3	424	4.89	34

Total (gm)

W= 463

w= 34

F.I.= 7.34

ELONGATION INDEX

NAME OF ROAD SAHAY BIGHA MORE TO BELI ROAD VIA NAUGRAH LEPURA MANJHAR UNDER
SCHEME MR 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 30-10-2020

Weight of Sample(gr) - 477 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	48	20.50	0
2	10	6.3	429	14.70	

Total (gm)

W= 477

F.I.= 8.38

F.I.+E.I.= 7.34+8.38

15.72%



Checked By

Tested By

OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna
PIN CODE 800001

Ref.....

Date

TEST RESULTS OF GRADATION FOR SEMI-DENSE BITUMINOUS CONCRETE

NAME OF ROAD SAHAY BIGHA MORE TO BELI ROAD VIA NAUGRAH LEPURA MANJHAR
UNDER SCHEME MR 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 30-10-2020

Weight of Sample - 4890 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	207	4.4	4.4	95.6	90-100
4.75mm	2160	46.1	50.5	49.5	35-51
2.36mm	709	15.1	65.6	34.4	24-39
1.18mm	600	12.8	78.4	21.6	15-30
0.300mm	591	12.4	90.8	9.2	9-19.
0.075mm	65	1.40	92.2	7.8	3-8.
In Pan	368	7.8	100	0.0	-

Checked By

Amcelh
31/11/20
J-L

Tested By

shu
3.11.20
AE

Authorized Signature

