

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

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पत्रांक.....५४०६ (अनु) औरंगाबाद/दिनांक.....२६/११/२०२०

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 भाजना

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, औरंगाबाद

26/11/20

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 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 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/19/0036	AURANGABAD - NABINAGAR ROAD - RAJPUR	NEA22000245	3140/22.07.2019	2.5	77.25	46.83	22.54	08.02.2020 68MBD-2019-20	07.11.2020	26.11.2020	2581	25.00MM	5.096%	0.00000	0.00000	46.83	Comp.
2	RM/AU/AUR/19/0031	Khiriawanpirthu - chei nawada	NEA22000208	3140/22.07.2019	6.00	314.39	223.55	56.35	05.02.2020 61MBD-2019-20	04.11.2020	26.11.2020	2556	75.00MM	8.100%	0.00000	0.00000	223.55	Comp.
TOTAL																270.38		

Divisional Accounts Officer
Rural Works Department, works Division,
Aurangabad

Executive Engineer
Rural Works Department
Works Division, Aurangabad

Name Of Road AURANGABAD - NABINAGAR ROAD - RAJPUR

Date	Time	Section	Length	Bumps	Speed	OR		CATEGORY	IRI	Latitude	Longitude	Event
		No.	in km	in mm	Rate	mm/km	UIV	ROAD				
26/ 11/ 20	14: 45: 26	95	0.1	240	20.2	2400	2858	G	3.85	24.71584	84.287087	Normal
26/ 11/ 20	14: 46: 1	95	0.1	190	20.2	1900	2290	G	3.16	24.71608	84.286127	Normal
26/ 11/ 20	14: 46: 1	95	0.1	240	10.1	2400	2858	G	3.85	24.71629	84.28508	Normal
26/ 11/ 20	14: 46: 37	95	0.1	250	20.2	2500	2972	G	3.99	24.71658	84.284157	Normal
26/ 11/ 20	14: 46: 37	95	0.1	280	20.2	2800	3313	G	3.4	24.7169	84.283215	Normal
26/ 11/ 20	14: 47: 0	95	0.1	230	20.2	2300	2745	G	3.72	24.7172	84.282322	Normal
26/ 11/ 20	14: 47: 12	95	0.1	190	30.3	1900	2290	G	3.16	24.71743	84.281295	Normal
26/ 11/ 20	14: 47: 12	95	0.1	210	30.3	2100	2518	G	3.44	24.71761	84.280302	Normal
26/ 11/ 20	14: 47: 12	95	0.1	240	20.2	2400	2858	G	3.85	24.7181	84.27978	Normal
26/ 11/ 20	14: 47: 47	95	0.1	170	30.3	1700	2063	G	2.88	24.71907	84.279982	Normal
26/ 11/ 20	14: 48: 0	95	0.1	160	30.3	1600	1950	G	2.74	24.71997	84.280185	Normal
26/ 11/ 20	14: 48: 0	95	0.1	160	30.3	1600	1950	G	2.74	24.7209	84.280302	Normal
26/ 11/ 20	14: 48: 22	95	0.1	170	30.3	1700	2063	G	2.88	24.72185	84.280453	Normal
26/ 11/ 20	14: 48: 22	95	0.1	210	30.3	2100	2518	G	3.44	24.72206	84.279595	Normal
26/ 11/ 20	14: 48: 22	95	0.1	170	30.3	1700	2063	G	2.88	24.72227	84.278602	Normal
26/ 11/ 20	14: 48: 22	95	0.1	190	30.3	1900	2290	G	3.16	24.72274	84.277743	Normal
26/ 11/ 20	14: 49: 0	95	0.1	180	30.3	1800	2177	G	3.02	24.72301	84.277	Normal
26/ 11/ 20	14: 49: 0	95	0.1	220	20.2	2200	2631	G	3.58	24.7239	84.27672	Normal
26/ 11/ 20	14: 49: 33	95	0.1	260	10.1	2600	3086	G	3.13	24.72414	84.275773	Normal
26/ 11/ 20	14: 50: 8	95	0.1	270	10.1	2700	3199	G	3.26	24.7243	84.27478	Normal
26/ 11/ 20	14: 50: 44	95	0.1	280	10.1	2800	3313	G	3.4	24.72455	84.27377	Normal
26/ 11/ 20	14: 51: 0	95	0.1	330	10.1	3300	3881	G	3.23	24.72451	84.272743	Speed Breaker
26/ 11/ 20	14: 52: 29	95	0.1	200	20.2	2000	2404	G	3.3	24.72503	84.269965	Normal
26/ 11/ 20	14: 53: 40	95	0.1	160	30.3	1600	1950	G	2.74	24.72535	84.269645	Normal
26/ 11/ 20	14: 54: 15	95	0.1	190	30.3	1900	2290	G	3.16	24.72502	84.270403	Normal

Total Length

2.5

J.E. 26/11/2020

A.E. 24/11/20

E"E 26/11/2020

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

$$X = 2156$$

$$Y = 2581$$

(R) RURAL ROAD

Good Average Poor
<4000 4001-5000 >5001

Name of Customer: SHARWAN AND SUNNY CON
 Name of Work/Road: NABINAGAR ROAD - RAIPUR
 Lab Job number: 95
 Date: 26-11-2020
 Section No.: 95

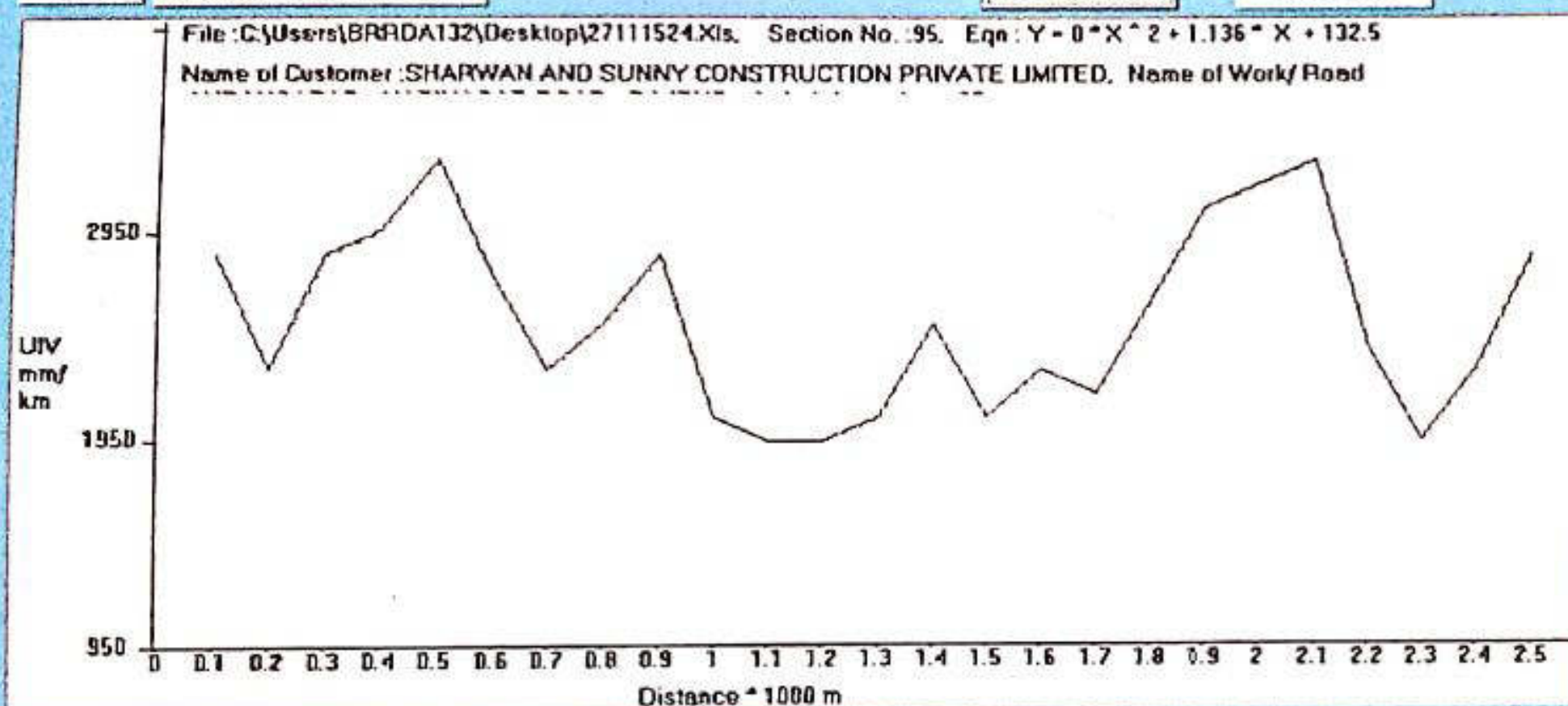
Test Date: 26-11-2020 Road Name: NABINAGAR ROAD - RAIPUR
 Machine No: 377 Road Type: (R) RURAL ROAD
 Start S No: 1061 Side: Nabinagar Interval
 Start E No: 1087
 Weather: Normal UV Range: 950 To 4000 1000 mm/km
 Start Location: 24.715837.84 Dist Range: 0 To 2.6 0.1 = 1000 m
 End Location: 24.659353.84 Equation: $Y = 0 * X^2 + 1.136 * X + 132.5$

Print

Generate Report and Graph

Redraw Graph

Map View



26/11/2020
 DE

26/11/20
 A.E

26/11/2020

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

**AURANGABAD NAVINAGAR ROAD TO RAJPUR
UNDER SCHEME MR 3054
AGREEMENT NO -68MBD/2019-20**

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

**AGENCY NAME :
SHARWAN& SANNY CONST. PVT LTD
JASOIYA MISIR BIGHA AURANGABD BIHAR**

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

**2nd Floor Maheswari Complex Fraser Road Patna
PIN CODE 800001**

OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna
PIN CODE 800001

BITUMEN CONTENT TEST OF EMI-DENSE BITUMINOUS CONCRETE

Ref.....
Name of Road : AURANGABAD NAVINAGAR ROAD TO RAJPUR UNDER
SCHEME MR 3054

Date
TYPE OF MATERIAL : SEMI-DENSE
BITUMINOUS CONCRETE

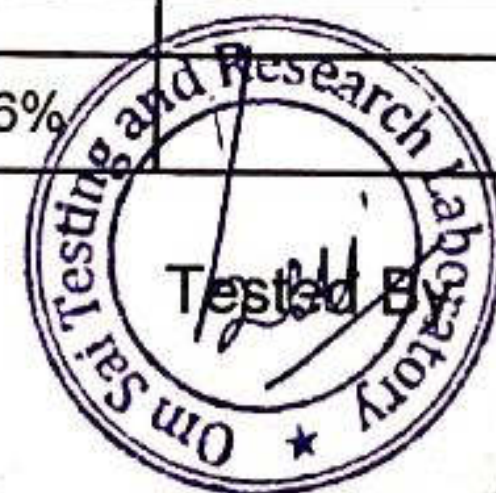
DATE OF COLLECTION 7-Nov-20

DATE OF TESTING 10-Nov-20

SAMPLE NC 1,2,3

Chainage & Section:		0+350 KM	1+028 KM	1+600 KM
S.NO.	Observations	1	2	3
1	Wt. of Mix taken before extration	500	500	500
2	Wt. of filter paper before extration	5.98	5.905	6.00
3	Wt. of Mix after extration	471.6	472.56	471.65
4	Wt. of filter paper after extration	6.785	7.12	7.75
5	Wt. of filler collected from extract after allowing for seting	1.332	1.34	1.310
6	Wt. of filler collected in filter paper	0.805	1.215	1.75
7	Wt. of Aggregate + Filler collected after extration	473.737	475.115	474.7
8	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.25	4.977	5.06
LAYER		Value		
SEMI-DENSE BITUMINOUS CONCRETE		Avg. Value	5.096%	

Checked By



Authorized Signatory

OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

TEST RESULTS OF SEMI-DENSE BITUMINOUS CONCRETE FLAKINESS INDEX

Ref.....

FLAKINESS INDEX

Date

NAME OF ROAD AURANGABAD NAVINAGAR ROAD TO RAJPUR UNDER SCHEME MR 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

09-11-2020

Weight of Sample(gr) - 423GM

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	36	6.75	0
2	10	6.3	387	4.89	33
Total (gm)			W= 423	w= 33	
			F.I.= 7.8		

ELONGATION INDEX

NAME OF ROAD AURANGABAD NAVINAGAR ROAD TO RAJPUR UNDER SCHEME MR 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

09-11-2020

Weight of Sample(gr) - 399GM

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	32	20.50	0
2	10	6.3	367	14.70	29
Total (gm)			W= 399	w= 29	
			F.I.= 7.27		
F.I.+E.I.= 7.80+7.27			15.07		



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 AURANGABAD NAVINAGAR ROAD TO RAJPUR UNDER SCHEME MR 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

09-11-2020

Weight of Sample - 5738GM

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	223	3.88	3.88	96.12	90-100
4.75mm	2856	49.77	53.65	46.35	35-51
2.36mm	1081	18.84	72.49	27.51	24-39
1.18mm	335	5.83	78.32	21.68	15-30
0.300mm	418	7.29	85.61	14.39	9-19.
0.075mm	727	9.14	94.75	5.25	3-8.
In Pan	98	5.25	100	0.0	-

Checked By

Tested By

