

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

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पत्रांक.....५७२१..... औरंगाबाद/दिनांक.....११/११/२०२०

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

अनु :- यथोक्त।

विश्वास भाजन

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, औरंगाबाद

(HANS)

११-११-२०

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 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/19/0036	Barun Navinagar Rd. - Simarodusadh	10602802100	3140/22.07.2019	3.85	128.37	78.69	36.79	08.02.2020 68MBD-2019-20	07.11.2020	07.11.2020	2242	25.00MM	5.186%	0.00000	0.00000	78.69	Comp.
TOTAL																78.69		

Divisional Accounts Officer
Rural Works Department, works Division,
Aurangabad

Executive Engineer
Rural Works Department
Works Division, Aurangabad

HANS
11.11.20

Name Of Road Barun Navinagar Rd. - Simarodusadh

Name Of Road Barun Navmagar Rd. - Simalodasua													Event
Date	Time	Section	Length	Bumps	Speed	OR		CATEGORY	IRI	Latitude	Longitude		
		No.	in km	in mm	Rate	mm/km	UIV	ROAD					
7/ 11/ 20	9: 14: 43	70	0.1	250	20.2	2500	2972	G	3.99	24.74072	84.115505	Normal	
7/ 11/ 20	9: 15: 18	70	0.1	220	10.1	2200	2631	G	3.58	24.74084	84.11648	Normal	
7/ 11/ 20	9: 15: 18	70	0.1	160	20.2	1600	1950	G	2.74	24.74116	84.117373	Speed Breaker	
7/ 11/ 20	9: 16: 0	70	0.1	250	10.1	2500	2972	G	3.99	24.74124	84.118232	Normal	
7/ 11/ 20	9: 16: 27	70	0.1	170	20.2	1700	2063	G	2.88	24.74089	84.119123	Normal	
7/ 11/ 20	9: 16: 27	70	0.1	190	20.2	1900	2290	G	3.16	24.74084	84.12013	Normal	
7/ 11/ 20	9: 16: 27	70	0.1	140	30.3	1400	1722	G	2.45	24.74082	84.121077	Normal	
7/ 11/ 20	9: 17: 3	70	0.1	140	30.3	1400	1722	G	2.45	24.74046	84.122053	Normal	
7/ 11/ 20	9: 17: 3	70	0.1	140	40.4	1400	1722	G	2.45	24.74008	84.123013	Normal	
7/ 11/ 20	9: 17: 3	70	0.1	170	30.3	1700	2063	G	2.88	24.73985	84.123972	Normal	
7/ 11/ 20	9: 17: 3	70	0.1	160	30.3	1600	1950	G	2.74	24.73953	84.124932	Normal	
7/ 11/ 20	9: 17: 3	70	0.1	170	20.2	1700	2063	G	2.88	24.73947	84.125875	Normal	
7/ 11/ 20	9: 17: 38	70	0.1	140	30.3	1400	1722	G	2.45	24.73902	84.12677	Normal	
7/ 11/ 20	9: 18: 0	70	0.1	140	30.3	1400	1722	G	2.45	24.73877	84.127727	Normal	
7/ 11/ 20	9: 18: 0	70	0.1	140	30.3	1400	1722	G	3.44	24.73852	84.12877	Normal	
7/ 11/ 20	9: 18: 13	70	0.1	210	10.1	2100	2518	G	3.58	24.73821	84.129747	Normal	
7/ 11/ 20	9: 18: 49	70	0.1	220	10.1	2200	2631	G	3.99	24.7378	84.130605	Normal	
7/ 11/ 20	9: 19: 24	70	0.1	250	10.1	2500	2972	G	3.3	24.73763	84.131565	Normal	
7/ 11/ 20	9: 19: 24	70	0.1	200	10.1	2000	2404	G	2.88	24.73729	84.132542	Speed Breaker	
7/ 11/ 20	9: 20: 0	70	0.1	170	20.2	1700	2063	G	3.72	24.73714	84.13343	Normal	
7/ 11/ 20	9: 20: 34	70	0.1	230	10.1	2300	2745	G	3.58	24.73694	84.134393	Normal	
7/ 11/ 20	9: 21: 0	70	0.1	220	20.2	2200	2631	G	2.45	24.73663	84.135353	Normal	
7/ 11/ 20	9: 21: 10	70	0.1	140	20.2	1400	1722	G	4.13	24.73624	84.136312	Normal	
7/ 11/ 20	9: 21: 10	70	0.1	260	20.2	2600	3086	G	3.85	24.73579	84.137188	Normal	
7/ 11/ 20	9: 22: 0	70	0.1	240	10.1	2400	2858	G	2.74	24.73546	84.13808	Normal	
7/ 11/ 20	9: 22: 20	70	0.1	160	20.2	1600	1950	G	2.6	24.73526	84.13909	Normal	
7/ 11/ 20	9: 22: 20	70	0.1	150	20.2	1500	1836	G	2.88	24.73513	84.14002	Normal	
7/ 11/ 20	9: 22: 20	70	0.1	170	20.2	1700	2063	G	3.3	24.7349	84.140975	Normal	
7/ 11/ 20	9: 23: 0	70	0.1	200	20.2	2000	2404	G	3.16	24.73465	84.142003	Normal	
7/ 11/ 20	9: 23: 0	70	0.1	190	20.2	1900	2290	G	2.74	24.7344	84.142912	Normal	
7/ 11/ 20	9: 23: 31	70	0.1	160	30.3	1600	1950	G	2.74	24.73417	84.143938	Normal	
7/ 11/ 20	9: 23: 31	70	0.1	160	30.3	1600	1950	G	2.74	24.73399	84.144898	Normal	
7/ 11/ 20	9: 23: 31	70	0.1	160	30.3	1600	1950	G	2.6	24.73402	84.145925	Normal	
7/ 11/ 20	9: 24: 6	70	0.1	150	30.3	1500	1836	G	2.45	24.73393	84.146918	Normal	
7/ 11/ 20	9: 24: 6	70	0.1	140	30.3	1400	1722	G	3.44	24.73371	84.147945	Normal	
7/ 11/ 20	9: 24: 41	70	0.1	210	10.1	2100	2518	G	3.72	24.73356	84.148972	Normal	
7/ 11/ 20	9: 25: 0	70	0.1	230	10.1	2300	2745	G	3.16	24.73304	84.149545	Normal	
7/ 11/ 20	9: 26: 0	70	0.1	190	20.2	1900	2290	G	3.44	24.73399	84.146497	Normal	
7/ 11/ 20	9: 29: 0	70	0.1	210	10.1	2100	2518	G					

Total Length 3.8

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07/11/2020

J.E

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07/11/20
A.E

[Signature]
11/11/2020
E.E

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

$$X = 1857$$

$$Y = 2242$$

(R) RURAL ROAD

Good Average Poor
<4000 4001-5000 >5001

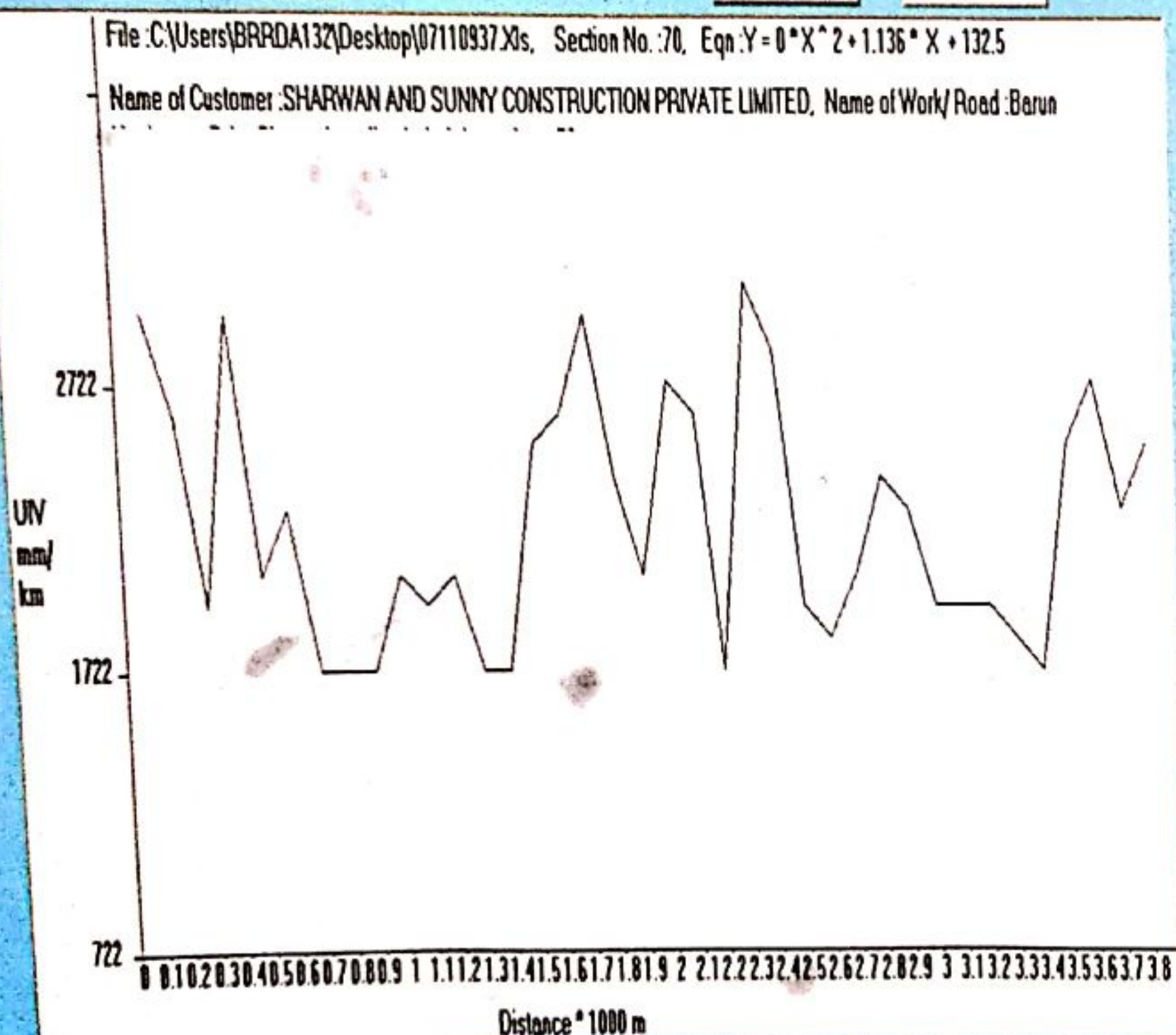
Name of Customer: SHARWAN AND SUNNY CON
Name of Work/Road: Barun Navnagar Rd - Simarod
Lab Job number: 70
Date: 07-11-2020
Section No: 70

Test Date: 07-11-2020 Road Name: Barun Navnagar Rd - Simarod
Machine No: 377 Road Type: (R) RURAL ROAD
Start S No: 537 Side: Navnagar
Start E No: 574 Interval
Weather: Normal UV Range: 722 To 4000 1000 mm/km
Start Location: 24.740722 84.1 Dist Range: 0 To 3.9 0.1 * 1000 m
End Location: 1985.8414649 Equation: $Y = 0 * X^2 + 1.136 * X + 132.5$

Print Generate Report and Graph

Redraw Graph

Map View



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7/11/2020
Executive Engineer
R.W.D. (W) Division
Aurangabad

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

**BARUN NABINAGAR ROAD TO SIMARODUSADIHA
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.....**BARUN NABINAGAR ROAD TO SIMARODUSADIHA**
Name of **UNDER SCHEME MR 3054**
Road :

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:		1+550 KM	3+850 KM	7+400 KM
S.NO.	Observations	1	2	3
1	Wt. of Mix taken before extration	500	500	500
2	Wt. of filter paper before extration	6.13	5.98	6.02
3	Wt. of Mix after extration	471.21	472.36	471.68
4	Wt. of filter paper after extration	6.7	7.02	7.45
5	Wt. of filler collected from extract after allowing for seting	1.31	1.32	1.285
6	Wt. of filler collected in filter paper	0.575	1.04	1.435
7	Wt. of Aggregate + Filler collected after extration	473.095	474.72	474.4
8	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.38	5.056	5.12
LAYER		Value		
SEMI-DENSE BITUMINOUS CONCRETE		Avg. Value	5.186%	

Checked By

Tested By



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 BARUN NABINAGAR ROAD TO SIMARODUSADIHA UNDER SCHEME MR 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 09-11-2020

Weight of Sample(gr) - 480GM

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	46	6.75	0
2	10	6.3	434	4.89	40
Total (gm)			W= 480		w= 40
			F.I.= 8.33		

ELONGATION INDEX

NAME OF ROAD BARUN NABINAGAR ROAD TO SIMARODUSADIHA UNDER SCHEME MR 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 09-11-2020

Weight of Sample(gr) - 445 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	41	20.50	
2	10	6.3	404	14.70	
Total (gm)			W= 445		
			F.I.= 7.19		
F.I.+E.I.= 8.33+7.19			15.52		

Checked By

Tested By

OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

TEST RESULTS OF GRADATION FOR SEMI-DENSE BITUMINOUS CONCRETE

Ref.....

Date

NAME OF ROAD BARUN NABINAGAR ROAD TO SIMARODUSADIHA UNDER SCHEME MR 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

09-11-2020

Weight of Sample - 5521GM

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	295	5.35	5.35	94.65	90-100
4.75mm	2582	46.76	25.11	47.89	35-51
2.36mm	1126	20.4	72.51	27.49	24-39
1.18mm	347	6.28	78.79	21.21	15-30
0.300mm	382	6.91	85.7	14.3	9-19.
0.075mm	679	9.21	94.91	5.09	3-8.
In Pan	110	5.09	100	0.0	-

Checked By

Tested By

