

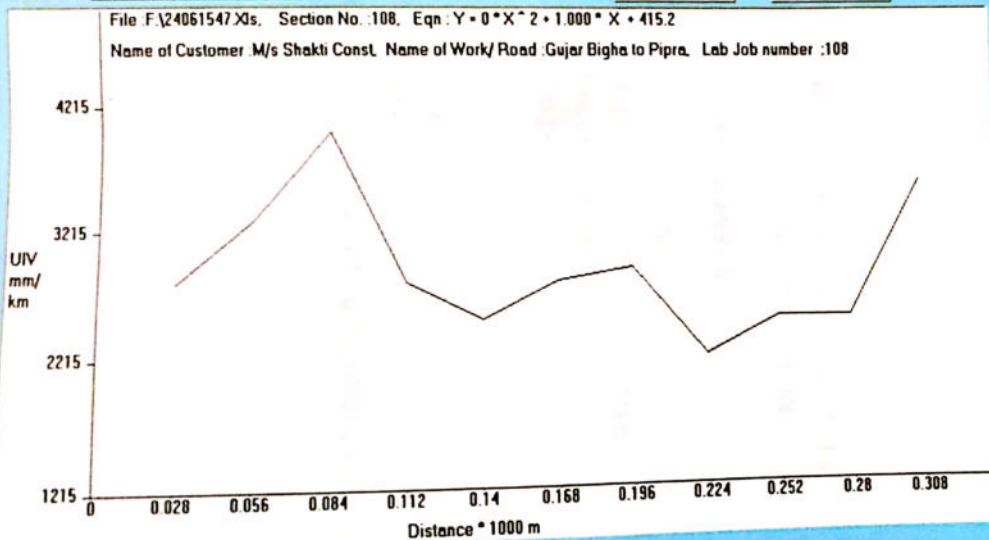
Name of Customer: M/s Shakti Const
 Name of Work/Road: Gujer Bigha to Pipra
 Lab Job number: 108
 Date: 24-06-2020
 Section No: 108

Test Date: 24-06-2020 Road Name: Gujer Bigha to Pipra
 Machine No: 377 Road Type: (R) RURAL ROAD
 Start S No: 1300 Side: Barun Interval
 Start E No: 1310
 Weather: Normal UV Range: 1215 To 5000 1000 mm/km
 Start Location: 2493362.843 Dist Range: 0 To 0.336 0.028 * 1000 m
 End Location: 2494125.843 Equation: $Y = 0 * X^2 + 1.000 * X + 415.2$

Print Generate Report and Graph

Redraw Graph

Map View



[Signature]
 26.6.20
 Executive Engineer
 R.W.D. Works Division, Aurangabad

[Signature]
 26.06.20
 J.E.

Name of Road:- Guljar Bigha to Pipra

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI mm/km	TEGORY ROAD	Latitude	Longitude	Event
24/6/20	15:38:5	108	0.1	240	0	2400	2815	G	24.93362	84.30035	Normal
24/6/20	15:39:0	108	0.1	290	0	2900	3315	G	24.93341	84.30131	Speed Breaker
24/6/20	15:39:49	108	0.1	360	0	3400	3815	G	24.93428	84.30153	Normal
24/6/20	15:40:25	108	0.1	240	0	2400	2815	G	24.93518	84.30177	Normal
24/6/20	15:41:0	108	0.1	210	0	2100	2515	G	24.93605	84.302	Normal
24/6/20	15:41:35	108	0.1	240	0	2400	2815	G	24.9369	84.30232	Normal
24/6/20	15:42:10	108	0.1	250	10.1	2500	2915	G	24.93778	84.30261	Normal
24/6/20	15:43:0	108	0.1	180	0	1800	2215	G	24.93864	84.30288	Normal
24/6/20	15:44:0	108	0.1	210	0	2100	2515	G	24.93953	84.30315	Normal
24/6/20	15:44:32	108	0.1	210	0	2100	2515	G	24.94039	84.30342	Normal
24/6/20	15:45:7	108	0.1	320	0	3200	3615	G	24.94125	84.30375	Speed Breaker
Total Length			1.100								

$$Y = 0 * X^2 + 1.000 * X + 415.2$$

$$X = 2900$$

$$Y = 3315$$

(R) RURAL ROAD

Good Average Poor
<4000 4001-5000 >5001

Ranjan
28-06-20
J.E


Executive Engineer
R.W.D. Works Division, Aurangabad

OM SAI TESTING AND RESEARCH LABORATORY

HOUSE No A/109 SHIVPURI COLONY RANCHI JHARKHAND

PIN CODE 834001

TEST RESULTS OF GRADATION FOR SEMI-DENSE BITUMINOUS CONCRETE (SDBC)

GULJAR BIGHA TO PIPRA ROAD UNDER SCHEME 3054

NAME OF ROAD

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

22-06-2020

Weight of Sample - 3465 GM

I.S Sieve 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	159	4.6	4.6	95.4	90-100
4.75mm	1652	47.68	52.28	47.72	35-51
2.36mm	631	18.22	70.5	29.5	24-39
1.18mm	405	11.7	82.2	17.8	15-30
0.300mm	228	6.6	88.8	11.2	9-19.
0.075mm	182	5.25	94.05	4.95	3-8.
In Pan	171	4.95	100	0	-

Checked By

Ranil
26-06-20
JG

Tested By

Amil
26.6.20



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

**GULJAR BIGHA TO PIPRA ROAD
UNDER SCHEME
MR 3054**

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

**AGENCY NAME :
M/S SHAKTI CONSTRUCTION PVT LTD
NEW AREA BAL BIHAR SCHOOL AURANGABAD**

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

*HOUSE No A/109 SHIVPURI COLONY RANCHI JHARKHAND
PIN CODE 834001*

OM SAI TESTING AND RESEARCH LABORATORY

HOUSE No A/109 SHIVPURI COLONY RANCHI JHARKHAND

PIN CODE 834001

TEST RESULTS OF SEMI-DENSE BITUMINOUS CONCRETE FLAKINESS FLAKINESS INDEX

NAME OF ROAD : GULJAR BIGHA TO PIPRA ROAD UNDER SCHEME 3054

Type Of Material : SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test : 23-06-2020

Weight of Sample(gr) - 429 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	28	6.75	0
2	10	6.3	401	4.89	48

Total (gm)

W= 429
F.I.= 11.19

w= 48

ELONGATION INDEX

NAME OF ROAD : GULJAR BIGHA TO PIPRA ROAD UNDER SCHEME 3054

Type Of Material : SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test : 23-06-2020

Weight of Sample(gr) - 417 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	28	20.50	
2	10	6.3	389	14.70	

Total (gm)

W= 417
F.I.= 10.79

F.I.+E.I.= 11.19+10.79

21.98

Authorized Signatory



Checked By

Ranjan
26.06.20
JRE

26.6.20

OM SAI TESTING AND RESEARCH LABORATORY

HOUSE No A/109 SHIVPURI COLONY RANCHI JHARKHAND

PIN CODE 834001

BITUMEN CONTENT TEST OF SDBC

Name of Road : GULJAR BIGHA TO PIPRA ROAD UNDER SCHEME MR 3054

Type Of Material :SDBC

DATE OF COLLECTION 16-Jun-20

DATE OF TESTING 22-Jun-20

SAMPLE NO.

A1 A2 A3

Chainage & Section:		0+210 KM	0+680 KM	1+048 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)	6.00	6.00	6.02
3	Wt. of Mix after extration (c)	471.45	471.73	472.02
4	Wt. of filter paper after extration (D)	7.09	6.89	6.75
5	Wt. of filler collected from extract after allowing for seting (E)	1.86	1.79	1.750
6	Wt. of filler collected in filter paper (B-D) = (F)	1.09	0.89	0.73
7	Wt. of Aggregate + Filler collected after extration (C + E + F) = (G)	474.4	474.41	474.5
8	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.12	5.118	5.10

Layer	Value	
SDBC	Avg. Value 5.113%	

Checked By

Ranji
26.06.20
J.E.

Tested By

26.06.20



कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, औरंगाबाद।
Email ID:-eerwdaurangabad1@gmail.com

पत्रांक..... 26/0 अं० औरंगाबाद/दिनांक..... 26.6.2020

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।

विश्वासभाजन


26.6.20

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, औरंगाबाद

26.06.20

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	MR-N/ 2019-20 Aurang abad/	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)	SDBC		Previous Total Allocated Amount (in Lakh)	up-to-date expenditure as per M/s (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)					Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage				
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	10		Tengra - Rahua	10602802090	Letter No. 3140 Date 22.07.2019	4.37	114.270	102.84000	37.30000	84MBD/2019-20 Date 25.02.2020	24.11.2020	-	2315	25	5.121	0.00000	0.00000	102.84000	Ongoing
2	10		GULJAR PIGHA To PIPRA	NEA2200064	Letter No. 3140 Date 22.07.2019	1.300	39.21000	35.56000	11.10000	84MBD/2019-20 Date 25.02.2020	24.11.2020	-	3315	25	5.11	0.00000	0.00000	35.56000	Ongoing
3	3		Punpun Jambhor Road To Dhramesh Via Jivan Bhepa, Talahara	10602803028	Letter No. 3140 Date 22.07.2019	2.350	84.98036	76.48232	22.584	90MBD/2019-20 Date 22.02.2020	21.11.2020	-	3715	25	5.09	0.00000	0.00000	76.48232	Ongoing
4	22		Simra Bathi to Amba Deo Road	10602901062	Letter No. 3140 Date 22.07.2019	7.000	139.30914	143.37823	65.780	77MBD/2019-20 Date 20.02.2020	19.11.2020	-	2315	25	5.09	0.00000	0.00000	143.37823	Ongoing
			Total															358.26055	

Executive Engineer
Rural Works Department
Works Division, Aurangabad