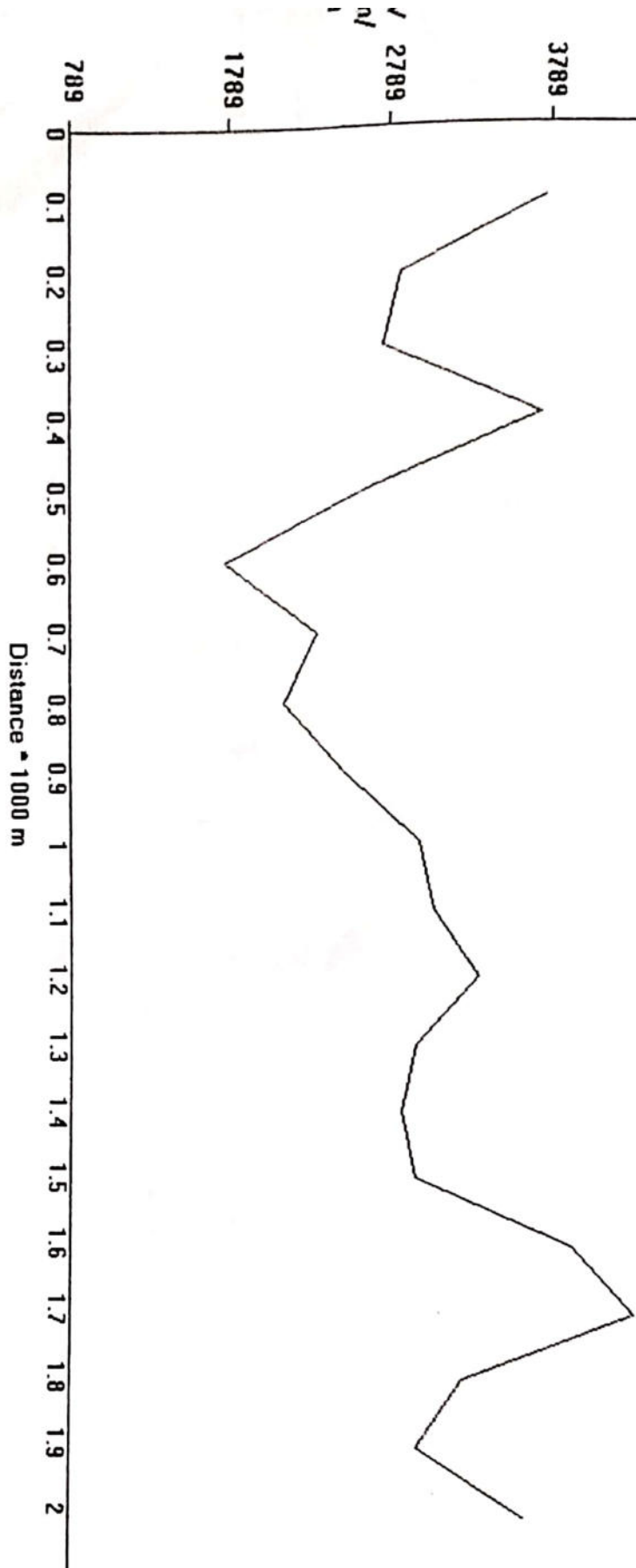


File : C:\Users\BRARDA67\Desktop\Bump\14051123.Xls, Section No. : 97, Eqn : $Y = 0 \cdot X^2 + 0.984 \cdot X + 510.7$

Name of Customer : M/S SHAKTI CONST., Name of Work/ Road : PUN-PUN JAMHOR ROAD TO DHARMASHALA VIA



27/9/10
[Signature]

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

Name of Road:- Pun-Pun Jamhor Road to Dharmsala via Jivan Bigha

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI mm/km	ROAD	Latitude	Longitude	Event
19/6/20	12:48:0	97	0.1	330	0	3300	3715	G	24.85162	84.30902	Normal
19/6/20	12:49:8	97	0.1	240	0	2400	2815	G	24.85164	84.31	Normal
19/6/20	12:49:43	97	0.1	230	0	2300	2715	G	24.85191	84.31093	Normal
19/6/20	12:50:18	97	0.1	330	0	3300	3715	G	24.85261	84.31155	Normal
19/6/20	12:51:0	97	0.1	220	0	2200	2615	G	24.85349	84.31162	Normal
19/6/20	12:51:29	97	0.1	130	10.1	1300	1715	G	24.85432	84.31125	Normal
19/6/20	12:52:4	97	0.1	190	10.1	1900	2315	G	24.85521	84.31126	Normal
19/6/20	12:52:40	97	0.1	170	10.1	1700	2115	G	24.85599	84.31168	Normal
19/6/20	12:53:15	97	0.1	210	10.1	2100	2515	G	24.85669	84.31219	Normal
19/6/20	12:53:15	97	0.1	260	10.1	2600	3015	G	24.85756	84.31242	Normal
19/6/20	12:54:0	97	0.1	270	10.1	2700	3115	G	24.85725	84.31327	Normal
19/6/20	12:54:25	97	0.1	300	10.1	3000	3415	G	24.85681	84.31407	Normal
19/6/20	12:55:1	97	0.1	260	0	2600	3015	G	24.85645	84.31498	Normal
19/6/20	12:56:0	97	0.1	250	10.1	2500	2915	G	24.85591	84.31561	Normal
19/6/20	12:56:11	97	0.1	260	10.1	2600	3015	G	24.85541	84.31645	Normal
19/6/20	12:57:0	97	0.1	350	10.1	3500	3915	G	24.85497	84.31726	Normal
19/6/20	12:57:22	97	0.1	300	0	3000	3415	G	24.85459	84.31808	Normal
19/6/20	12:58:0	97	0.1	290	10.1	2900	3315	G	24.85432	84.31904	Normal
19/6/20	12:58:32	97	0.1	260	10.1	2600	3015	G	24.85406	84.32	Normal
19/6/20	12:59:8	97	0.1	330	10.1	3300	3715	G	24.85375	84.32096	Normal
Total Length			2.000								

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

$$X = 3300$$

$$Y = 3715$$

(R) RURAL ROAD
 Good Average Poor
 <4000 4001-5000 >5001

[Signature]
 26/6/2020
[Signature]

[Signature]
 26.6.20
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)

PUNPUN JAMHOR ROAD TO DHARMSALA VIA JIWAN BIGHA
UNDER SCHEME MR3054

NAME OF ROAD

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

20-06-2020

Date Of Test

Weight of Sample - 3068 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
				100	100
13.2mm	0	0	0	96.4	90-100
9.5mm	110	3.6	3.6	49.28	35-51
4.75mm	1446	47.12	50.72	30.02	24-39
2.36mm	591	19.26	69.98	19.68	15-30
1.18mm	317	10.34	80.32	10.68	9-19
0.300mm	288	9.08	89.4	4.4	3-8
0.075mm	19	6.20	95.6	0	-
In Pan	126	4.4	100		

Tested By

Checked By

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26/6/20
ae

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26/6/20



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

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

NAME OF ROAD PUNPUN JAMHOR ROAD TO DHARMSALA VIA JIWAN BIGHA
UNDER SCHEME 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 20-06-2020

Weight of Sample - 2906 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	128	4.4	4.4	95.6	90-100
4.75mm	1023	35.22	39.62	40.38	35-51
2.36mm	881	30.33	69.95	30.05	24-39
1.18mm	405	13.95	83.9	16.1	15-30
0.300mm	264	9.1	93	7	9-19.
0.075mm	133	4.60	97.6	3.4	3-8.
In Pan	72	2.4	100	0	-

Checked By

Tested By

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26/6/2020
[Initials]

[Signature]
26/6/20



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 PUNPUN JAMHOR ROAD TO DHARMSALA VIA JIWAN BIGHA UNDER SCHEME 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 21-06-2020

Weight of Sample(gr) - 980 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	171	6.75	0
2	10	6.3	809	4.89	112

Total (gm)

W= 980
F.I.= 11.43

w= 112

ELONGATION INDEX

NAME OF ROAD PUNPUN JAMHOR ROAD TO DHARMSALA VIA JIWAN BIGHA UNDER SCHEME 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 21-06-2020

Weight of Sample(gr) - 868 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	171	20.50	
2	10	6.3	697	14.70	

Total (gm)

W= 868
F.I.= 5.41
F.I.+E.I.= 11.43+5.41
16.84

w=

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26/6/2020



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 : PUNPUN JAMHOR ROAD TO DHARMSALA VIA JIWAN
BIGHA UNDER SCHEME MR 3054

Type Of Material : SDBC

DATE OF COLLECTION 14-Jun-20

DATE OF TESTING 20-Jun-20

SAMPLE NO.

A1 A2 A3

Chainage & Section:		0+450 KM	1+285 KM	2+115 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)	6.01	6.09	6.04
3	Wt. of Mix after extration (c)	471.69	472.05	472.02
4	Wt. of filter paper after extration (D)	6.81	6.82	6.71
5	Wt. of filler collected from extract after allowing for seting (E)	1.89	1.96	1.820
6	Wt. of filler collected in filter paper (B-D) = (F)	0.8	0.73	0.67
7	Wt. of Aggregate + Filler collected after extration (C + E + F) = (G)	474.38	474.74	474.5
8	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.12	5.052	5.10

Layer	Value	
SDBC	Avg. Value 5.091%	

Tested By

Checked By

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26/6/2020
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26.6.20



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

**PUNPUN JAMHOR ROAD TO DHARMSALA VIA JIWAN BIGHA
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*

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

पत्रांक..... 26/0 अं 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	
1	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 Bieha, 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