

# कार्यपालक अभियंता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमण्डल, औरंगाबाद

पत्रांक ५३७५ / औरंगाबाद, दिनांक २३/११/२०२०

प्रेषक,

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमण्डल, औरंगाबाद।

सेवा में,

नोडल पदाधिकारी, एम०आर०-३०५४  
ग्रामीण कार्य विभाग,  
बिहार, पटना।

विषय :- शीर्ष ३०५४ योजनान्तर्गत नई अनुरक्षण नीति २०१८ अन्तर्गत इन्दा बिगहा पोखर से सोख्या तालाब पश्चिमी किनारा नौगढ़ के निर्माण के संबंध में।

प्रसंग:- कनीय अभियंता का पत्रांक शून्य दिनांक ०३.११.२०२०  
महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र के संबंध में सूचित करना है कि शीर्ष ३०५४ योजनान्तर्गत नई अनुरक्षण नीति २०१८ के तहत इन्दा बिगहा पोखर से सोख्या तालाब पश्चिमी किनारा नौगढ़ पथ की लम्बाई ३.८ कि०मी० स्वीकृत पथ है, परन्तु कार्य स्थल पर ३.३ कि०मी० में SDBC का कार्य किया गया है। ०.५ कि०मी० पथ गाँव के अन्दर का भाग है, जो पी०सी०सी० पथ है, जिसमें Paver Machine एवं Roller से कार्य कराना संभव नहीं है।

यह भवदीय को सूचनार्थ एवं आवश्यक कार्रवाई हेतु समर्पित।

विश्वासमाजन

*[Signature]*  
23/11/2020

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमण्डल, औरंगाबाद।

*[Signature]*  
23/11/20

*[Signature]*  
23/11/2020  
E. Akbar

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

Email ID:-eerwdaurangabad1@gmail.com

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

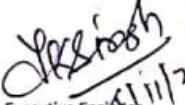
**OFFICE OF EXECUTIVE ENGINEER, RURAL WORKS DEPARTMENT, WORKS DIVISION, Aurangabad**

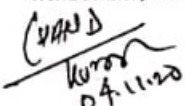
**Requisition Format for Scheme Head- MR(3054) under Bihar Rural Road Maintenance Policy-2018 (Initial Rectification and Surface Renewal)**

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 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/19/0006 | 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<br>66MBD-2019-20 | 04.11.2020                          | 03.10.2020                | 2125                    | 25.00MM                            | 5.009%                                 | 0.00000                                 | 0.00000                                     | 85.33                                   | 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<br>66MBD-2019-20 | 04.11.2020                          | 03.11.2020                | 2085                    | 25.00MM                            | 5.003%                                 | 0.00000                                 | 0.00000                                     | 137.77                                  | Comp.   |
| TOTAL  |                   |                                                                           |                       |                                               |                |                     |                                                      |                                      |                             |                                     |                           |                         |                                    |                                        |                                         | 223.31                                      |                                         |         |

  
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 Inda bigha pokhar to sokhya talab via western portion of naugrah

| Date    | Time     | Section No. | Length in km | Bumps in mm | Speed Rate | OR mm/km | UIV  | CATEGORY ROAD | IRI  | Latitude | Longitude | Event  |
|---------|----------|-------------|--------------|-------------|------------|----------|------|---------------|------|----------|-----------|--------|
| 3/11/20 | 13:55:26 | 52          | 0.1          | 160         | 30.2       | 1600     | 1950 | G             | 2.74 | 24.7893  | 84.443518 | Normal |
| 3/11/20 | 13:56:1  | 52          | 0.1          | 120         | 20.2       | 1200     | 1495 | G             | 2.16 | 24.78842 | 84.443552 | Normal |
| 3/11/20 | 13:56:1  | 52          | 0.1          | 140         | 20.2       | 1400     | 1722 | G             | 2.45 | 24.78814 | 84.44276  | Normal |
| 3/11/20 | 13:56:1  | 52          | 0.1          | 150         | 30.3       | 1500     | 1836 | G             | 2.6  | 24.78726 | 84.442357 | Normal |
| 3/11/20 | 13:56:36 | 52          | 0.1          | 220         | 20.2       | 2200     | 2631 | G             | 3.58 | 24.78638 | 84.44212  | Normal |
| 3/11/20 | 13:56:36 | 52          | 0.1          | 180         | 20.2       | 1800     | 2177 | G             | 3.02 | 24.78556 | 84.44177  | Normal |
| 3/11/20 | 14:1:54  | 52          | 0.1          | 280         | 20.5       | 2800     | 3313 | G             | 4.4  | 24.78461 | 84.441515 | Normal |
| 3/11/20 | 14:2:0   | 52          | 0.1          | 180         | 10.1       | 1800     | 2177 | G             | 3.02 | 24.78373 | 84.44143  | Normal |
| 3/11/20 | 14:2:29  | 52          | 0.1          | 150         | 10.1       | 1500     | 1836 | G             | 2.6  | 24.78424 | 84.440908 | Normal |
| 3/11/20 | 14:2:29  | 52          | 0.1          | 160         | 20.2       | 1600     | 1950 | G             | 2.74 | 24.7846  | 84.440168 | Normal |
| 3/11/20 | 14:3:4   | 52          | 0.1          | 190         | 30.3       | 1900     | 2290 | G             | 3.16 | 24.78476 | 84.439157 | Normal |
| 3/11/20 | 14:3:4   | 52          | 0.1          | 140         | 30.3       | 1400     | 1722 | G             | 2.45 | 24.78484 | 84.438147 | Normal |
| 3/11/20 | 14:3:4   | 52          | 0.1          | 130         | 30.3       | 1300     | 1609 | G             | 2.31 | 24.78508 | 84.437222 | Normal |
| 3/11/20 | 14:6:11  | 52          | 0.1          | 170         | 10.1       | 1700     | 2063 | G             | 2.88 | 24.78284 | 84.441077 | Normal |
| 3/11/20 | 14:6:47  | 52          | 0.1          | 250         | 10.1       | 2500     | 2972 | G             | 3.99 | 24.78201 | 84.440588 | Normal |
| 3/11/20 | 14:7:0   | 52          | 0.1          | 140         | 10.1       | 1400     | 1722 | G             | 2.45 | 24.78118 | 84.440285 | Normal |
| 3/11/20 | 14:7:22  | 52          | 0.1          | 180         | 10.1       | 1800     | 2177 | G             | 3.02 | 24.78082 | 84.439662 | Normal |
| 3/11/20 | 14:7:22  | 52          | 0.1          | 100         | 20.2       | 1000     | 1268 | G             | 1.87 | 24.78009 | 84.439208 | Normal |
| 3/11/20 | 14:8:0   | 52          | 0.1          | 110         | 20.2       | 1100     | 1382 | G             | 2.02 | 24.77916 | 84.438888 | Normal |
| 3/11/20 | 14:8:32  | 52          | 0.1          | 150         | 10.1       | 1500     | 1836 | G             | 2.6  | 24.77865 | 84.43936  | Normal |
| 3/11/20 | 14:8:32  | 52          | 0.1          | 140         | 30.3       | 1400     | 1722 | G             | 2.45 | 24.77776 | 84.439208 | Normal |
| 3/11/20 | 14:8:32  | 52          | 0.1          | 250         | 10.1       | 2500     | 2972 | G             | 3.99 | 24.77681 | 84.439023 | Normal |
| 3/11/20 | 14:11:29 | 52          | 0.1          | 220         | 20.1       | 2200     | 2631 | G             | 3.58 | 24.7759  | 84.438855 | Normal |
| 3/11/20 | 14:12:4  | 52          | 0.1          | 140         | 10.1       | 1400     | 1722 | G             | 2.45 | 24.77535 | 84.43946  | Normal |
| 3/11/20 | 14:12:39 | 52          | 0.1          | 220         | 20.2       | 2200     | 2631 | G             | 3.58 | 24.77463 | 84.438787 | Normal |
| 3/11/20 | 14:13:0  | 52          | 0.1          | 130         | 10.1       | 1300     | 1609 | G             | 2.31 | 24.77377 | 84.43872  | Normal |
| 3/11/20 | 14:13:15 | 52          | 0.1          | 220         | 20.2       | 2200     | 2631 | G             | 3.58 | 24.77323 | 84.437912 | Normal |
| 3/11/20 | 14:13:15 | 52          | 0.1          | 220         | 20.2       | 2200     | 2631 | G             | 3.58 | 24.77298 | 84.436968 | Normal |
| 3/11/20 | 14:13:15 | 52          | 0.1          | 140         | 30.3       | 1400     | 1722 | G             | 2.45 | 24.77266 | 84.43606  | Normal |
| 3/11/20 | 14:18:32 | 52          | 0.1          | 230         | 20.2       | 2300     | 2745 | G             | 3.72 | 24.77218 | 84.435453 | Normal |
| 3/11/20 | 14:19:7  | 52          | 0.1          | 230         | 10.1       | 2300     | 2745 | G             | 3.72 | 24.77202 | 84.436245 | Normal |

Total Length

3.1

Donal  
3/11/20  
J.E

3/11/20  
A.E

Executive Engineer  
R.W.D. (W) Division  
Aurangabad

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

$$X = 1754$$

$$Y = 2125$$

(R) RURAL ROAD

Good Average Poor  
<4000 4001-5000 >5001

Name of Customer : RAJNISH KUMAR SINGH  
Name of Work/ Road : Const of Inda bigha pokhar to s  
Lab Job number : 52  
Date : 03-11-2020  
Section No. : 52

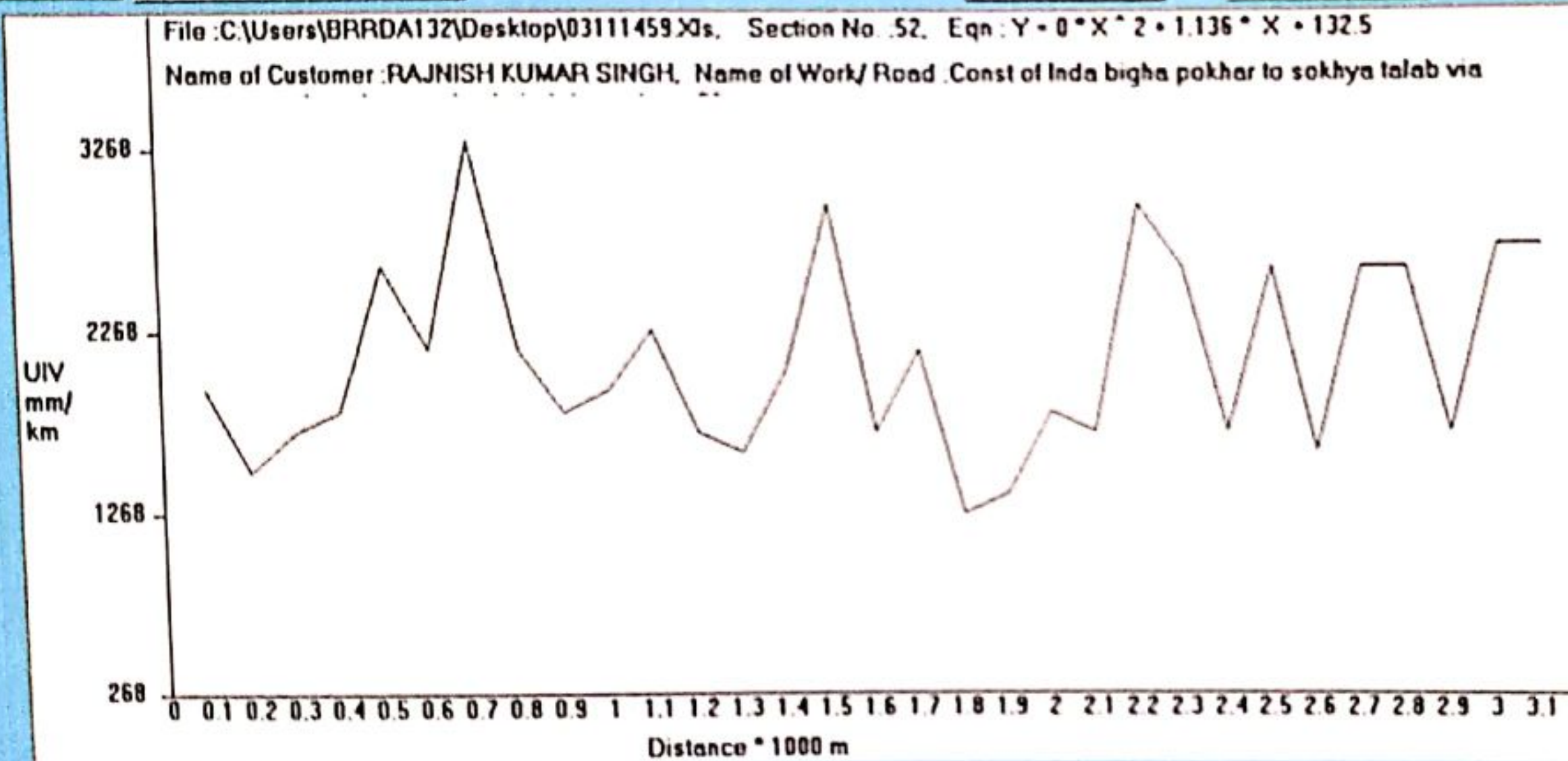
Test Date : 03-11-2020 Road Name : Const of Inda bigha pokhar to s  
Machine No : 377 Road Type : (R) RURAL ROAD  
Start S No : 358 Side : Aurangabad Interval  
Start E No : 388  
Weather : Normal UV Range : 268 To 4000 1000 mm/km  
Start Location : 24 7893 84 44 Dist Range : 0 To 32 01 \* 1000 m  
End Location : 24 772018 84 Equation :  $0 * X^2 + 1.136 * X + 132.5$

Print

Generate Report and Graph

Redraw Graph

Map View



3/11/2020  
AE

3.11.20  
AE

Execution Engineer  
RWD (Division)  
Aurangabad

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

**INDA BRIDGE POKHAR TO SOKHYA TALAB VIA WESTERM PORTION OF  
NAUGRAH UNDER SCHEME  
MR 3054**

**AGREEMENT NO :66MBD-2019-20**

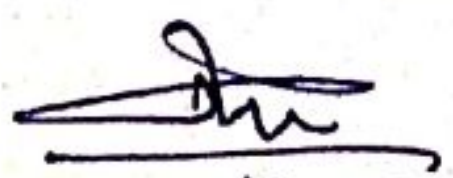
**SUBMITTED TO:  
EXECUTIVE ENGINEER  
RWD. WORKS DIVISION, AURANGABAD**

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

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

**2<sup>nd</sup> Floor Maheswari Complex Fraser Road Patna  
PIN CODE 800001**



  
3.11.20  
AE

# OM SAI TESTING AND RESEARCH LABORATORY

2<sup>nd</sup> floor maheswari complex fraser road patna

PIN CODE 800001

Ref.....

Date .....

## BITUMEN CONTENT TEST OF SEMI-DENSE BITUMINOUS CONCRETE

Name of Road :

INDA BRIDGE POKHAR TO SOKHYA TALAB VIA WESTERN  
PORTION OF NAUGRAH UNDER SCHEME MR 3054

Type Of Material : SEMI-DENSE  
BITUMINOUS CONCRETE

DATE OF COLLECTION 31-Oct-20

DATE OF TESTING 3-Nov-20

SAMPLE NO.

| Chainage & Section: |                                                                   | 3+660 KM   | 4+250 KM | 6+140 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          | 6        | 6        |
| 3                   | Wt. of Mix after extration                                        | 472.52     | 471.85   | 472.15   |
| 4                   | Wt. of filter paper after extration                               | 6.71       | 7.12     | 6.93     |
| 5                   | Wt. of filler collected from extract after allowing for seting    | 1.68       | 1.98     | 1.920    |
| 6                   | Wt. of filler collected in filter paper                           | 0.71       | 1.12     | 0.93     |
| 7                   | Wt. of Aggregate + Filler collected after extration               | 474.91     | 474.95   | 475.0    |
| 8                   | Percantage of Bitumen ( in the Mix ) $\frac{(A-G) \times 100}{A}$ | 5.02       | 5.01     | 5.00     |
|                     |                                                                   |            |          |          |
|                     |                                                                   |            |          |          |
|                     |                                                                   |            |          |          |
| Layer               |                                                                   | Value      |          |          |
| SDBC                |                                                                   | Avg. Value | 5.009%   |          |

Checked By

Tested By



# OM SAI TESTING AND RESEARCH LABORATORY

2<sup>nd</sup> floor maheswari complex fraser road patna  
PIN CODE 800001

## TEST RESULTS OF SEMI-DENSE BITUMINOUS CONCRETE FLAKINESS FLAKINESS INDEX

Ref.....

Date .....

NAME OF ROAD: INDA BRIDGE POKHAR TO SOKHYA TALAB VIA WESTERM PORTION OF NAUGRAH  
UNDER SCHEME 3054

Type Of Material: SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test: 02-11-2020

| Weight of Sample(gr) - 526 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                        | 36                                              | 6.75                      | 0                                                              |
| 2                             | 10                            | 6.3                       | 390                                             | 4.89                      | 32                                                             |
| Total (gm)                    |                               |                           | W= 426                                          | w= 32                     |                                                                |
|                               |                               |                           | F.I.= 7.51                                      |                           |                                                                |

## ELONGATION INDEX

NAME OF ROAD: INDA BRIDGE POKHAR TO SOKHYA TALAB VIA WESTERM PORTION OF NAUGRAH  
UNDER SCHEME 3054

Type Of Material: SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test: 02-11-2020

| Weight of Sample(gr) - 384 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                        | 36                                              | 20.50                     | 0                                                              |
| 2                             | 10                            | 6.3                       | 348                                             | 14.70                     |                                                                |
| Total (gm)                    |                               |                           | W= 384                                          | w= 29                     |                                                                |
|                               |                               |                           | F.I.= 7.29                                      |                           |                                                                |
| F.I.+E.I.= 7.51+7.29          |                               |                           | 14.8                                            |                           |                                                                |

Checked By



# OM SAI TESTING AND RESEARCH LABORATORY

2<sup>nd</sup> floor maheswari complex fraser road patna

PIN CODE 800001

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

Ref. NAME OF ROAD INDIA BRIDGE POKHAR TO SOKHYA TALAB VIA WESTERM PORTION OF NAUGRAH UNDER SCHEME 3054 Date .....

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

02-11-2020

Weight of Sample - 2876 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                 | 197                             | 4.2                  | 4.2                              | 95.8                | 90-100                                            |
| 4.75mm                | 2386                            | 50.5                 | 54.7                             | 45.3                | 35-51                                             |
| 2.36mm                | 618                             | 13.1                 | 67.8                             | 32.2                | 24-39                                             |
| 1.18mm                | 254                             | 5.4                  | 73.2                             | 26.8                | 15-30                                             |
| 0.300mm               | 767                             | 16.2                 | 89.4                             | 10.6                | 9-19.                                             |
| 0.075mm               | 134                             | 2.80                 | 92.3                             | 7.7                 | 3-8.                                              |
| In Pan                | 365                             | 7.7                  | 100                              | 0.0                 | -                                                 |

Checked By

*P. S. S.*

*[Signature]*  
3.11.20  
AT

Tested By

