

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, पालीगंज

पत्रांक-490.....

पालीगंज/ दिनांक-23.03.2022

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, पालीगंज।

सेवा में,

अपर मुख्य कार्यपालक पदाधिकारी,
सह-सचिव (ब्राडा)
ग्रामीण कार्य विभाग,
बिहार, पटना।

विषय:- MR-3054 New Maintenance Policy-2018 योजनान्तर्गत Manjhauli
P.W.D. road to Benibigha, Via-Jamalpur निर्माण कार्य में
आवंटन हेतु अधियाचना भेजने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि MR-3054 New
Maintenance Policy-2018 योजनान्तर्गत Manjhauli P.W.D. road to Benibigha,
Via-Jamalpur पूर्ण किये गये निर्माण कार्य हेतु अधियाचना विहित प्रपत्र में
तैयार कर आवश्यक कार्रवाई हेतु समर्पित किया जाता है।

अनु०-

1. अधियाचना विहित प्रपत्र में।
2. M.B. की छायाप्रति।
3. ITR जाँच रिपोर्ट
की छायाप्रति।

विश्वासभाजन

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल, पालीगंज

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

Sl. No	Project no	Name of road	Project ID as per MIS	Administrative vs Approval (AA) Letter no & Date	Administrative Length (in km)	Administrative Agreement			Agreement no & date	Date of Completion as per Agreement	Actual Cost (in Labh)	Value of Bill (in Labh) (Average)	Thickness of bitumen layer (in mm)	Value of Bitumen content in percent	Previous Amount Allotted (in Labh)	Up-to-date expenditure as per MIS (in Labh)	Requisite amount (in Labh)	Remarks
						Amount of (in Labh)	Initial Rectification with surface Renewal (in Labh)	5 Year Routine Maintenance (in Labh)										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	MR-M/2021-22 Patisany/02	Mainpaur P.W.D Road to Benbigla Via-Jamalpur	10100102139	1064 dt. 26.03.2021	3.4 Km.	105.363	11011242	37,84,972	02/MED/MR-3054 Dt. 02.11.2021	01.08.22		3.352	25mm (SDBC)	5.02%	0.000	0.000	\$4,59,531/-	Work has been complete as per specification and verification of 50% measurement by assistant Engineer and 10% by Executive Engineer has been done
Total-																	84,59,531/-	

KSLR
 23/03/22
 Sr. Divisional Accounts OM
 Rural Work Department
 Patisany Division

23/3/22
 Executive Engineer
 Rural Works Deptt.
 Work Division Patisany

FORM GFR 19-A

(See Government of India's Decision (1) below Rule-150)
Form of utilisation Certificate up to the end of 16th March 2022

PIU: RWD Works Division, Paliganj

Sl No.	Name of Scheme	Sanction No. & Date with Amount	Amount Received (In Rs.)	Particulars
1	Construction of Bihar Rural road Maintenance Policy -2018 under MR 3054	22we dt 16.03.2022	187294469.00	Certified that out of Rs 187294469.00 received during the year 2021-2022 in favour of Ex. Engineer, RWD, Works Div. Paliganj Bihar a sum of Rs 186302713.00 has been utilized for the purpose of const of road under Bihar rural Road Maintenance Policy 2018 Schemes as given in the margin for which it was sanctioned and that the balance of Rs. 991756.00 remaining unutilized at the end to the period under
Total			187294469.00	

2. Certified that I have satisfied myself that the conditions of which the grants sanction Sanctioned have been duly fulfilled/are being fulfilled and I have exercised the checks to see the money was actually utilised for the purpose for which it was sanctioned.

Kishor
23/7/22
Sr. Divisional Accounts Offi
Rural Work Department
Works Division Paliganj

AM
23/3/22
Executive Engineer
Rural Work Deptt.
Work Division Paliganj

Scanned with CamScanner

Scanned with CamScanner

NAME OF THE ROAD: MANJHAU PWD ROAD TO BENIGHA VIA JAMALPUR
 DIVISION: PAIGANI
 BLOCK: BIRAM
 LENGTH OF THE ROAD: 3.40 KM
 AGENCY: M/S SINGH CONSTRUCTION COMPANY
 PAKAGE No.: M/N/21-22/PAIGANI/02

Date	Time	Section	No.	Length In km	Bumps In mm	Speed Rate	OR mm/km	UIV mm/km	CATEGORY	IRI	Latitude	Longitude	Event		
17/3/22	10:4:5	58	0.1	310	0	3100	3180		ROAD						
17/3/22	10:4:25	58	0.1	270	20.2	2700	2805	G		4.24	25.416855	84.862945	Normal		$Y = 0 \times X + 2.1 \times 0.936 + X \times 278.4$
17/3/22	10:4:40	58	0.1	380	20.2	3800	3885	G		3.79	25.417123	84.86102	Curve		$X = 2600$
17/3/22	10:4:50	58	0.1	260	30.3	2600	2712	G		5.01	25.41765	84.861598	Curve		$Y = 2712$
17/3/22	10:5:0	58	0.1	310	30.3	3100	3180	G		3.68	25.417642	84.860605	Normal		
17/3/22	10:5:15	58	0.1	260	30.3	2600	2712	G		4.24	25.417655	84.859528	Normal		RI RURAL ROAD
17/3/22	10:5:25	58	0.1	390	30.3	3900	3928	G		3.68	25.41768	84.858502	Normal	Good	Average
17/3/22	10:5:35	58	0.1	320	20.2	3200	3273	G		5.12	25.417643	84.857515	Normal	<4000	4001-5000
17/3/22	10:5:50	58	0.1	320	30.3	3200	3273	G		4.35	25.41763	84.856835	Curve		>5001
17/3/22	10:6:0	58	0.1	360	20.2	3600	3648	G		4.79	25.417352	84.854865	Curve		
17/3/22	10:6:10	58	0.1	380	30.3	3800	3835	G		5.01	25.416808	84.854343	Normal		
17/3/22	10:6:26	58	0.1	310	20.2	3100	3180	G		4.24	25.41616	84.853803	Curve		
17/3/22	10:6:46	58	0.1	320	30.3	3200	3273	G		4.35	25.41614	84.852793	Normal		
17/3/22	10:7:1	58	0.1	380	10.1	3800	3835	G		5.01	25.415157	84.8518	Speed Breaker		
17/3/22	10:7:21	58	0.1	390	10.1	3900	3928	G		5.12	25.41611	84.850842	Speed Breaker		
17/3/22	10:7:36	58	0.1	360	20.2	3600	3648	G		4.79	25.415692	84.850521	Curve		
17/3/22	10:8:0	58	0.1	380	30.3	3800	3835	G		5.01	25.415618	84.849343	Normal		
17/3/22	10:8:12	58	0.1	390	30.3	3900	3928	G		5.12	25.415722	84.84843	Normal		
17/3/22	10:8:22	58	0.1	300	30.3	3000	3066	G		4.13	25.415378	84.847658	Normal		

Number
 17/3/82
 ASST IT Manager
 17/3/22

Date	Time	Section	No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	UIV mm/km	CATEGORY	IRI	Latitude	Longitude	Event
17/3/22	10:8:47	58	0.1	320	30.3	3200	3273	G	ROAD	4.35	25.41548	84.846515	Normal
17/3/22	10:9:0	58	0.1	320	30.3	3200	3273	G		4.35	25.415232	84.846422	Normal
17/3/22	10:9:10	58	0.1	310	30.3	3100	3180	G		4.24	25.4151	84.846462	Normal
17/3/22	10:9:22	58	0.1	290	30.3	2900	2992	G		4.01	25.415113	84.84372	Normal
17/3/22	10:9:42	58	0.1	390	20.2	3900	3928	G		5.12	25.41493	84.84271	Curve
17/3/22	10:10:0	58	0.1	300	30.3	3000	3066	G		4.13	25.41407	84.847693	Normal
17/3/22	10:10:20	58	0.1	240	20.2	2400	2524	G		3.45	25.413125	84.84777	Curve
17/3/22	10:10:30	58	0.1	390	10.1	3900	3928	G		5.12	25.413153	84.84818	Speed Breaker
17/3/22	10:10:43	58	0.1	390	30.3	3900	3928	G		5.12	25.413177	84.840842	Normal
17/3/22	10:11:8	58	0.066	260	30.3	2600	2712	G		3.68	25.412998	84.84037	Normal
17/3/22	10:12:16	59	0.1	390	30.3	3900	3928	G		5.12	25.415122	84.851278	Normal
17/3/22	10:22:26	59	0.1	370	20.2	3700	3741	G		4.9	25.414348	84.851178	Curve
17/3/22	10:22:52	59	0.1	390	20.2	3900	3928	G		5.12	25.413877	84.850672	Curve
17/3/22	10:23:10	59	0.1	390	30.3	3900	3928	G		5.12	25.412807	84.850403	Normal
17/3/22	10:23:20	59	0.024	260	30.3	2600	2712	G		3.68	25.41236	84.850268	Normal
TOTAL			3.28	11400	838.3	114000	116155			153.54	854.12872	2884.93506	
AVERAGE						3552.941	3416.324			4.515882			

Muzina
 13/3/22
 ASDA Limaga 17.3

17/3/22
 ASDA

Executive Engineer
 Rural Works Deptt.
 West Division Palganj

17/3/22
 ASDA

Name of Customer :	M/S SINGH CONSTRUCTION
Name of Work/ Road :	MANJHAULI PWD ROAD TO E
Lab Job number :	
Date :	17-03-2022
Section No.	58

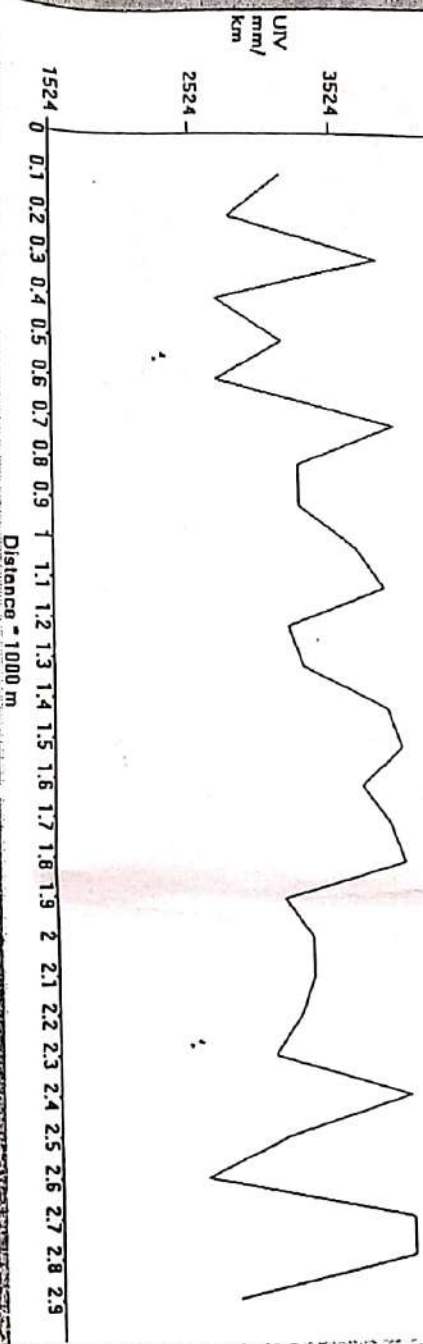
Print Generate Report and Graph

Test Date :	17-03-2022	Road Name :	O BENIBIGHA VIA JAMALPUR
Machine No :		Road Type :	(R) RURAL ROAD
Start S/N :		Side :	
Start E No :		UN Range :	1524 5000 10000
Weather :		Dist Range :	0 3 0.1 1000m
Start Location :		Equation :	$Y = 0 \cdot X^2 + 0.936 \cdot X + 278.4$
End Location :			

Redraw Graph

Map View

File : E:\Road\MS SINGH CONSTRUCTION\58+59.Xls. Section No. : 58. Egn : $Y = 0 \cdot X^2 + 0.936 \cdot X + 278.4$
 Name of Customer : M/S SINGH CONSTRUCTION. Name of Work/ Road : MANJHAULI PWD ROAD TO BENIBIGHA



Name of Customer:	M/S SINGH CONSTRUCTION
Name of Work/ Road:	MAHAU PWD ROAD TO I
Lab Job number:	1743302
Date:	18-03-2022
Section No.	55

Test Date:	17-03-2022	ROAD NAME:	O BENBIGHIA VIA JAKUJUPUR
Machine No.		Facility No.	
Start S/N:		Side:	
Start No.:		UV-Record:	1712 1710 5000 1000
Weather:		UV-Record:	0 10 0.5 0.1
Start Location:		End Location:	
End Location:		Equation:	$Y = 0 \cdot X^2 + 0.535 \cdot X + 278.4$

File: E:\Road\MS SINGH CONSTRUCTION\55-51-Xc. Section No. 55. Ene: Y = 0 * X^2 + 0.535 * X + 278.4

Name of Customer: M/S SINGH CONSTRUCTION. Name of Work/ Road: MAHAU PWD ROAD TO BENBIGHIA

Print Generate Report and Graph

Plotting Graph Map View

आयुक्त का कार्यालय
 क्षेत्रीय प्रयोगशाला, गुलजाराबाग
 पटना - 800007

पटना/दिनांक : 08-03-2022

प्रभु, क्षेत्रीय प्रयोगशाला, गुलजाराबाग पटना-7
 आयुक्त का कार्यालय
 क्षेत्रीय प्रयोगशाला, गुलजाराबाग पटना-7

पत्रांक : 169/अप

कार्यपालक अभियंता
 आयुक्त का कार्यालय
 क्षेत्रीय प्रयोगशाला, गुलजाराबाग पटना-7
 विषय :- योजना/गैर योजना शीर्ष M.R. 352
 कार्य प्रमाणित
 प्रस्ताव :- कायपालक अभियंता/सहायक अभियंता की गुणवत्ता का परीक्षण के संबंध में।
 मसौदा, उपर्युक्त विषयक प्रस्तावक पर के संदर्भ में योजना/गैर योजना शीर्ष M.R. 352 अर्थात्
 निर्माणशील पथ/पुल/विलिया कायों में प्रयुक्त निर्माण सामग्री के गुणवत्ता जाँचक प्रतिवेदन आदेश
 कारवाई हेतु भजी जाती है जो निम्नवत है :-

क्र.सं.	विवरण	प्रमाणित
1.	Majhauri PWD Road के लेवल के समान 1. Stone molar 0.11 2. Stone molar 0.11 3. Stone molar 0.11 4. Stone molar 0.11 5. Stone molar 0.11 6. Stone molar 0.11 7. Stone molar 0.11 8. Stone molar 0.11 9. Stone molar 0.11 10. Stone molar 0.11	✓
2.	✓	✓

अनु. :- पथ/पुल

विशेषज्ञ
 क्षेत्रीय प्रयोगशाला, गुलजाराबाग पटना-7
 आयुक्त का कार्यालय
 क्षेत्रीय प्रयोगशाला, गुलजाराबाग पटना-7
 दिनांक : 08/03/22

OFFICE OF THE EXECUTIVE ENGINEER REGIONAL LABORATORY, R. W. D., GULJARBAUGH, PATNA - 7 PHYSICAL AND GRADATION TEST OF COARSE AGGREGATE

1 "Tear Q.C. Report :-

Name of Project/Road :- Manjra's Puro Road to Barhigla via Jamalpur

Name of scheme:- MR. 3054

Name of Agency :- M/S Sanyal Const. Company

Nature of sample :- Stone Metal GR - II

Location/Chainage :- 1800 m/s

Date of Test :- 8/3/2022

Date of Collection/Received on lab. :- 2/3/2022

Ref :- Material sent by E.E./A.E. R.W.D. WORKS Division/SyD Division - Patna

vide letter No. -----

DT. 24/2/2022

Agreement No / Package No. :- 02/MR/2021-22

Sl. No.	A.V.	Average Test Value	Required Value(Max)	40%
1.		21.87.1		

Sl. No.	Sieve Size (mm)	Weight Retained	% of Wt. Retained	% of Cum. Retained	% of Passing	Grading I	Grading II	Grading III	Remarks
1	125	—	—	—	—	100			
2	75	0.000	0.00	0.00	100	90-100	100		
3	63	2.783	9.75	9.75	90.25	25-60	90-100	100	
4	53	12.703	44.50	54.25	45.75	—	25-75	95-100	
5	45	9.177	32.15	86.40	13.60	0-15	0-15	65-90	
6	22.4	2.954	10.35	96.75	3.25	0-5	0-5	0-10	
7	11.2	—	—	—	—	—	—	0-5	

Regional Laboratory
R.W.D. Guljarbagh
Patna - 7

E.E. 8/3/2022

Regional Laboratory
R.W.D. Guljarbagh
Patna - 7

A.E. 08/03/2022

Regional Laboratory
R.W.D. Guljarbagh
Patna - 7

E.E. 8/3/2022

REPORT OF THE EXECUTIVE ENGINEER REGIONAL LABORATORY, R. W. D. GULZARBAGH, PATNA - 7 PHYSICAL AND GRADATION TEST OF COARSE AGGREGATE

1st Test R.C. Report :-

Name of Project/Road :- Manjhaul Road to Raurki via Jamnagar
 Name of Scheme :- MR 354
 Name of Agency :- M/s Sengh Const. Company
 Nature of sample :- Stone Metal GR - III
 Location/Chainage :- 2400 m/s
 Ref :- Material sent by E.E./A.E./R.W.D. WORKS Division/Syb Division - Patna - 7
 Date of Test :- 8/3/2022
 Date of Collection/Received on lab :- 2/3/2022

Agreement No / Package No. : 02/MRD/2021-22

Sl. No.	Average Test Value	
	Required Value(Max)	40%
1.	2193.1	

A.I.V.

Sl. No	Sieve Size in (mm)	Weight Retained	% of Wt. Retained	% of Cum. Retained	% of Passing	Grading I	Grading II	Grading	Required Value	Remarks
1	125	-	-	-	-	100	-	-		
2	75	-	-	-	-	90-100	100	-		
3	63	0.00	0.00	0.00	1.00	25-60	90-100	100		
4	53	1.303	4.75	4.75	95.25	-	25-75	95-100		
5	45	5.595	20.40	25.15	74.85	0-15	0-15	65-90		
6	22.4	18.155	66.20	91.35	8.65	0-5	0-5	0-10		
7	11.2	1.481	5.40	96.75	3.25	-	-	0-5		

Regional Laboratory
R.W.D. Gulzargarh
Patna - 7Regional Laboratory
R.W.D. Gulzargarh
Patna - 7Regional Laboratory
R.W.D. Gulzargarh
Patna - 7

8/3/2022

8/3/2022

8/3/22

REGIONAL ENGINEER PHYSICAL AND GRADATION TEST OF COARSE AGGREGATE

Name of Project/Road :- Manjhauli Puro Road to Benibigha via Jamalpur
 Name of Scheme :- MR-354
 Name of Agency :- M/S Singh Const. Company
 Nature of sample : Mix seal (13.2mm to 0.9mm) Date of Collection/Received :- 2/3/2022
 Location :- 1200 mts Date of Test :- 8/3/2022
 Ref :- Material sent by E.E./A.E. R.W.D. WORKS Division/Sub Division - Patna
 vide letter No. ----- Dt. 24/2/2022
 Agreement No / Package No. : 02/MR-354/2021-22

Sl. No.	Average Test Value		A.I.V.
1.		Required Value(Max)	30%

Sl. No.	Sieve Size in (mm)	Weight of Sample Taken Kgs 18.650				Required Value		Remarks
		Weight Retd.	% of Wt. Retained	% of Cumm. Retained	% of Passing	Type A	Type B	
1	13.2	0.000	0.00	0.00	100		100	
2	11.2	0.709	3.80	3.80	96.20	100	88-100	
3	5.6	9.260	49.65	53.45	46.55	52-88	31-52	
4	2.8	4.168	22.35	75.80	24.20	14-38	5-25	
5	0.09	3.758	20.15	95.95	4.05	0-5	0-5	

Regional Laboratory
 R.W.D. Guljarbagh
 patna - 7

Regional Laboratory
 R.W.D Guljarbagh
 patna - 7

Regional Laboratory
 R.W.D. Guljarbagh
 patna - 7

patna - 7

7 - patma

7-patna-4

A.E.

08/03/2022
A.E.

३.३

~~12/13/22~~

22/3/18

Sl. No	Sieve Size in (mm)	Weight of Sample Taken Kgs		% of Retained	% of Cum. Retained	% of Passing	Required Value	Remarks
		Weight Retd.	% of Wt. Retained					
1	13.2	0.000	0.00	0.00	0.00	100		
2	9.5	0.952	4.60	48.20	52.80	47.20	90-100	
3	4.75	9.980	10.65	53.45	75.40	24.60	35-51	
4	2.36	2.205	11.95	82.35	95.65	4.35	24-39	
5	1.18	2.474	12.90	95.65	99.10	0.90	15-30	
6	0.300	1.522	7.35	99.10	99.95	0.05	9-19	
7	0.075	2.631	12.90	100.00	100.00	0.00	3-8	

Sl. No	Average Test Value	I.	Sieve Size in (mm)	Weight of Sample Taken Kgs	% of Wt.	Retd
	A.I.V.	30%				
		Required Value(Max)				

Package No.: 62/MAD/2021-22
Road Division - Bikaner

NAME OF PROJECT/ROAD :- Marykauri Pw Road to Baurhigla

NAME OF SCHEME :- MR-357

NATURE OF SAMPLE :- Semi Dense Bituminous Concrete

LOCATION

Ref :- Material sent by E.E./A.E R.W.D. WORKS Division/Sub Division :- 8/3/2022

Agreement No / Package N

Wide letter No. - 99-DL-56103/2022

Date of Test

Date of Collection/Received :- 8/3/2022

TESTING TEST OF COARSE AGGREGATE

SOLZARBAGH, PATNA - 7

ENGINEER

CRITICAL AND GRADATION TEST OF COARSE AGGREGATE

OFFICE OF THE EXECUTIVE ENGINEER

REGIONAL LABORATORY, R. W. D., GULJARIBAGH, PATNA - 7

Name of Project/Road :- Manjhauli PWD Road to Benbigla via Jamatpur

Name of Scheme:- MR-3054

Name of Agency :- M/s Singh Const Company

Nature of sample :- Bitumen Content for SDBC

Location :- 850 m b

Ref :- Material sent by E.E./A.E. R.W.D. WORKS Division / Sub Division - Benbigla vide letter No. 09 Dt. 02/03/2022

Agreement No / Package No. :- 02/MRD/2021-22

Date of Collection/Received :- 02/03/2022

Date of Test :- 02/03/2022

vide letter No. 09 Dt. 02/03/2022

SL. NO.	SAMPLE NO.	1	2	3	REMARKS
1	Wt. of mix taken before extraction (a)	506.00	505.00	504.00	
2	Wt. of Dry chips after extraction (b)	480.68	479.45	478.77	
3	Percentage of bitumen (in the mix) $[(a-b)*100/a]$ (%)	5.00	5.06	5.01	
4	Average % bitumen	5.02			

02/03/2022
A.E.

Regional Laboratory
R.W.D. Guljaribagh patna - 7

02/03/2022
A.E.

Regional Laboratory
R.W.D. Guljaribagh patna - 7

02/03/2022
E.E.

Regional Laboratory
R.W.D. Guljaribagh patna - 7

OFFICE OF THE EXECUTIVE ENGINEER

REGIONAL LABORATORY, R. W. D., GUJARATBAH, PATNA - 7

Date: 11/11/2022

Name of Project/Road :- Manjhauri PWD Road to Benihigla via Samalpur

Name of Scheme :- MR-3554

Name of Agency :- M/s Singh Const Company

Nature of sample :- Bitumen Content for SDR

Location :- 1500 m/s

Ref :- Material sent by E.E./A.E. R.W.D. WORKS Division/Sub Division - Patna

Agreement No / Package No. :- 02/100/2021-22

Date of Collection/Received :- 2/3/2022

Date of Test :- 8/3/2022

Wide letter No. :- 09 Dt. 02/03/2022

SL. NO.	SAMPLE NO.	1	2	3	REMARKS
1	Wt. of mix taken before extraction (a)	503.00	502.00	500.00	
2	Wt. of Dry chips after extraction (b)	477.77	476.68	474.65	
3	Percentage of bitumen (in the mix) $[(a-b) \times 100/a]$ (%)	5.02	5.04	5.07	
4	Average % bitumen		5.04		

Regional Laboratory
R. W. D. Gujaratbagh patna - 7

Regional Laboratory
R. W. D. Gujaratbagh patna - 7

Regional Laboratory
R. W. D. Gujaratbagh patna - 7

Date / /

OFFICE OF THE EXECUTIVE ENGINEER

REGIONAL LABORATORY, R. W. D., GULJARIBAGH, PATNA - 7

Bituminous mix

Name of Project/Road :- Manjhauri Pwd Road Jha Bahibigla via Jamalpur

Name of Scheme:- MR-3554

Name of Agency :- M/s Singh Const Company

Nature of sample :- Bitumen Content for SDR

Location :- 3250 mlt

Date of Collection/Received :- 2/3/2022

Ref :- Material sent by E.E./A.E. R.W.D. WORKS Division/Sub Division Bahibigla vide letter No. 09 Dt. 02/03/2022

Agreement No / Package No. : 021M20/2021-22

SL. NO.	SAMPLE NO.	1	2	3	REMARKS
1	Wt. of mix taken before extraction (a)	504.00	509.00	505.00	
2	Wt. of Dry chips after extraction (b)	478.64	483.48	479.75	
3	Percentage of bitumen (in the mix) [(a-b)*100/a] (%)	5.03	5.01	5.00	
4	Average % bitumen	5.02			

R. W. D. 2/3/2022

Regional Laboratory
R.W.D. Guljaribagh patna - 7

A.E. 08/03/2022

Regional Laboratory
R.W.D. Guljaribagh patna - 7

E.E. 08/03/2022

Regional Laboratory
R.W.D. Guljaribagh patna - 7