

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

पत्रांक-...1.5.4.7.(2130)

पालीगंज, दिनांक-...14/7/2022

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
मंझौली पी0डब्लू0डी0 रोड से बेनी बिगहा,
भाया-जमालपुर के 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 मंझौली पी0डब्लू0डी0
रोड से बेनी बिगहा, भाया-जमालपुर पूर्ण किये गये निर्माण कार्य
हेतु अधियाचना विहित प्रपत्र में तैयार कर आवश्यक कार्रवाई हेतु
समर्पित किया जाता है।

अनु0-

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

विश्वासभाजन

14/7/22

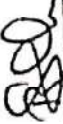
कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल, पालीगंज

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

S.No.	Package No	Name of Road	Project ID as per MIS	Administrative Approval (A.A) letter no. & Date	Administrative Approval (A.A)		Agreement Amount			Agreement t No. and date	Date of Completion as per agreement	Actual date of Completion	Value of IRI in mm/Km (Average)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in percent	Previous total actual 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 on 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	MR-M/2021-22 Paliganj/02	Manjhauli P.W.D. Road to Benibigha Via- Jamalpur	10100102159	1064 Dt. 26.03.2021	3.4 Km	105.363	110.1242	37.84972	02/NBD/ MR-3054 Dt. 02.11.21	01.08.22		3.352	25mm (SDBC)	5.02%	84.59531	84.59193	17.55826=00		Work has been completed as per specification and verification of 50% measurement by assistant Engineer and Executive Engineer has been done.
																Total	17.55826=00		


 14/7/22
 Executive Engineer
 Rural Works Deptt
 Work Division
 14/7/22

this is
 14/7/22
 Sr. Divisional Engineer
 Rural Works Deptt
 Work Division

FORM GFR 19-A

(Sec Government of India's Decision (1) below Rule-150)

Form of Utilization Certificate to the end of 15th July 2022

PIU: RWD Works Division, Paliganj

Sl.No.	Name of Scheme	Sanction No. & Date with Amount	Amount Received (In Rs.)	Particulars
01	Construction of Bihar Rural Road Maintenance Policy-2018 Under MR 3054	22 we Dt. 15.07.2022	213560589	Certified out of Rs. 213560589.00 received during the year 2022-23 in favour of Ex. Engineer, RWD, Works Div. Paliganj (Bihar) a sum of Rs. 212324960.00 has been utilized for the purpose of const of road under Bihar Rural Road Maintenance Policy-2018 Scheme as given in the margin for which it was sanctioned and that the balance of Rs. 1235629.00 remaining unutilized at the end to the period under.
	Total		213560589.00	

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 utilized for the purpose for which it was sanctioned.

14/7/22
Sr. Divisional Accounts Officer
Rural Work Department
Works Division Paliganj

14/7/22
Executive Engineer
Rural Works Deptt.
Work Division Paliganj

OFFICE OF THE EXECUTIVE ENGINEER

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

PHYSICAL AND GRADATION TEST OF COARSE AGGREGATE

1st Tear Q.C. Report :-

Name of Project/Road :- Manjhauli Puro Road to Benibigha via Jami

Name of Scheme :- MR-3054

Name of Agency :- M/s. Singh Const. Company

Nature of sample : Stone Metal GR - II

Date of Collection/Received on lab. :- 2/3/22

Location/Chainage :- 1800 mtr

Date of Test :- 8/3/2022

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

vide letter No. --- Dt. 24/2/2022

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

Sl. No.	A.I.V.	
	Average Test Value	Required Value(Max)
1.	21.87%	40%

S. No.	Seve Size in (mm)	Weight of Sample Taken Kgs 2.8545				Required Value			Remarks
		Weight Retained	% of Wt. Retained	% of Cumm. Retained	% of Passing	Grading I	Grading II	Grading III	
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	

Revised
8/3/2022
Regional Laboratory
R.W.D. Guljarbagh
patna - 7

SS
08/03/2022
A.E.
Regional Laboratory
R.W.D Guljarbagh
patna - 7

Shahab
8/3/22
E. E.
Regional Laboratory
R.W.D. Guljarbagh
patna - 7

OFFICE OF THE EXECUTIVE ENGINEER

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

PHYSICAL AND GRADATION TEST OF COARSE AGGREGATE

1st Tear Q.C. Report :-

Name of Project/Road :- Manjhauli Puro Road to Benkigha via Jamal

Name of Scheme:- MR 3054

Name of Agency :- M/S Singh Const Company

Nature of sample : Stone Metal GR - III

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

Location/Chainage :- 2400 m/b

Date of Test :- 8/3/2022

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

vide letter No. - 07 - Dt. 26/2/2022

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

Sl. No.	A.I.V.	
	Average Test Value	Required Value(Max)
1.	21.93.1.	40%

S No	Sieve Size in (mm)	Weight of Sample Taken Kgs 22.425				Required Value			Remarks
		Weight Retained	% of Wt. Retained	% of Cumm. Retained	% of Passing	Grading I	Grading II	Grading III	
1	125	—	—	—	—	100	—	—	
2	75	—	—	—	—	90 - 100	100	—	
3	63	0.000	0.00	0.00	100	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	

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OFFICE OF THE EXECUTIVE ENGINEER

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

PHYSICAL AND GRADATION TEST OF COARSE AGGREGATE

Name of Project/Road :- Manjhauli PWD Road to Benhigha via Jamsa

Name of Scheme :- MR-354

Name of Agency :- M/S Singh Const Company

Nature of sample : Mix seal (13.2mm to 9mm) Date of Collection/Received :- 2/3/2022

Location :- 1200 mbs

Date of Test :- 8/3/2022

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

vide letter No. ----- Dt. 28/2/2022

Agreement No / Package No. : 02/MR0/2021-22

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

Sl. No.	Sieve Size	Weight Retd.	% of Wt Retained	% of Cum. Retained	% of Passing	Type A	Type B	Remarks
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	

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PHYSICAL AND GRADATION TEST OF COARSE AGGREGATE

Name of Project/Road :- Manjha Puro Road to Ben Bigla via, Jai

Name of Scheme :- MR-354

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

Nature of sample : Semi Dense Bituminous Concrete Date of Collection/Received :- 2/3/2022

Location :-

Date of Test :- 8/3/2022

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

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

Agreement No / Package No. : 02 MB0/2021-22

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

Sl.	Sieve Size in mm	Weight of Sample Taken Kgs 20.705					Remarks
		Weight Retd	% of Wt. Retained	% of Cumm. Retained	% of Passing	Required Value	
1	13.2	0.000	0.00	0.00	100	100	
2	9.5	0.952	4.60	4.60	95.40	90-100	
3	4.75	9.980	48.20	52.80	47.20	35-51	
4	2.36	2.205	10.65	63.45	36.55	24-39	
5	1.18	2.474	11.95	75.40	24.60	15-30	
6	0.300	1.522	7.35	82.75	17.25	9-19	
7	0.075	2.671	12.90	95.65	4.35	3-8	

R. W. D. 8/3/2022
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8/3/2022
A.E.
Regional Laboratory
R.W.D. Guljarbagh
patna - 7

8/3/2022
E. E.
Regional Laboratory
R.W.D. Guljarbagh
patna - 7

OFFICE OF THE EXECUTIVE ENGINEER

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

Bituminous mix

Name of Project/Road :- Manjhauli PWD Road to Benihigha via Jamalpur

Name of Scheme:- MR-3054

Name of Agency :- M/s Singh Const Company

Nature of sample :- Bitumen Content for SDBL

Location :- R. W. D.

Date of Collection/Received :- 23/12/22

Date of Test :- 28/12/22

Ref :- Material sent by E.E./A.E./R.W.D. WORKS Division/Sub-Division Benihigha vide letter No. 07 Dt 02/03/2022

Agreement No / Package No. : 02/07/2021-22

Sl. NO.	SAMPLE NO.	1	2	3	REMARKS
1	Wt. of mix taken before extraction (a)	508.00	505.00	509.00	
2	Wt. of Dry chips after extraction (b)	480.65	479.25	478.77	
3	Percentage of bitumen (in the mix) $\frac{(a-b)}{a} \times 100\%$	5.00	5.86	5.01	
4	Average % bitumen	5.02			

[Signature]

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[Signature]

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

[Signature]

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

OFFICE OF THE EXECUTIVE ENGINEER

REGIONAL LABORATORY, R. W. D., GULZARBAGH, PATNA

Bituminous mix

Name of Project/Road :- Manjhauli PWD Road to Benihigha via Jamunghar

Name of Scheme:- MR-3554

Name of Agency:- M/s Singh Const Company

Nature of sample:- Performance Contract for SPM

Location :- 15 km

Ref :- Material sent by E.E./A.E./R.W.D. WORKS Division/Sub Division Patna vide letter No. 22

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

Date of Collection/Received :- 23/12/2022
 Date of Test :- 24/12/2022
 Date of Report :- 29.12.2022

SL. NO.	SAMPLE NO.	1	2	REMARKS
1	Wt. of mix taken before extraction (a)	503.00	502.00	500.00
2	Wt. of Dry chips after extraction (b)	477.27	476.68	474.65
3	Percentage of bitumen (in the mix) $[(a-b) \times 100/a]$ (%)	5.02	5.04	5.02
4	Average % bitumen		5.04	

Signature

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Signature

A.E.
Regional Laboratory
R. W. D. Gulzarbagh patna - 7

Signature

E.E.
Regional Laboratory
R. W. D. Gulzarbagh patna - 7

OFFICE OF THE EXECUTIVE ENGINEER

REGIONAL LABORATORY R.W.D. GULJARIBAGH, PATNA

Bituminous mix

Name of Project/Road: Manjhauli PWD Road to Benabigha via Samastipur

Name of Engineer: MR 3034

Name of Agency: Mr. Singh Const Company

Nature of sample: Bituminous Content for WBC

Location: 1% 238.212

Ref: Material sent by LLA R.W.D. WORKS Division Sub Division Banabigha vide letter No. 101/1002/2022

Agreement No / Package No: 101/1002/2022

Date of Collection/Received: 2/2/2022
Date of Test: 2/2/2022
By: Dr. 2/2/2022

SL NO.	SAMPLE NO.	1	2	3	REMARKS
1	Wt. of mix taken before extraction (a)	50.100	50.100	50.500	
2	Wt. of Dry chips after extraction (b)	47.864	48.548	47.975	
3	Percentage of bitumen (in the mix) $[(a-b) \times 100/a]$ (%)	5.63	5.61	5.60	
4	Average % bitumen	5.62			

Dr. 2/2/2022

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Dr. 2/2/2022

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

Dr. 2/2/2022

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86,48,537=00
BF 87,27,321=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
21/17 Painting two coat on new surface					
352.68 m ² (ch no: 17/18)					
P-34					
@ 101.29/m ² - 6				35,722=00	
21/18 Planting of Tree - 159 nos with mulch - 159 m ² (855.35 - 438.4) = 416.95				P-34	
22/3 cost of subgrade				666353=00	
2 earthen shoulder					
do - do					
1860.00 m ² ch no - 19/13 P-34					
@ 190.07/m ² - 2				3,53,530=00	
				9,116,633=00	
				3,116,633=00	
Less 30.67% DA				90,37,849=00	
Add 12% G.S.T				1,08,45,542=00	
Add 1% Labor cost				90,37,806	
Add Signage fee				22,50=00	
Grand Amount Pay				10,21,50,19=00	
				1,84,59,193=00	
				17,55,826=00	
27/06/2022					
J. S.					

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

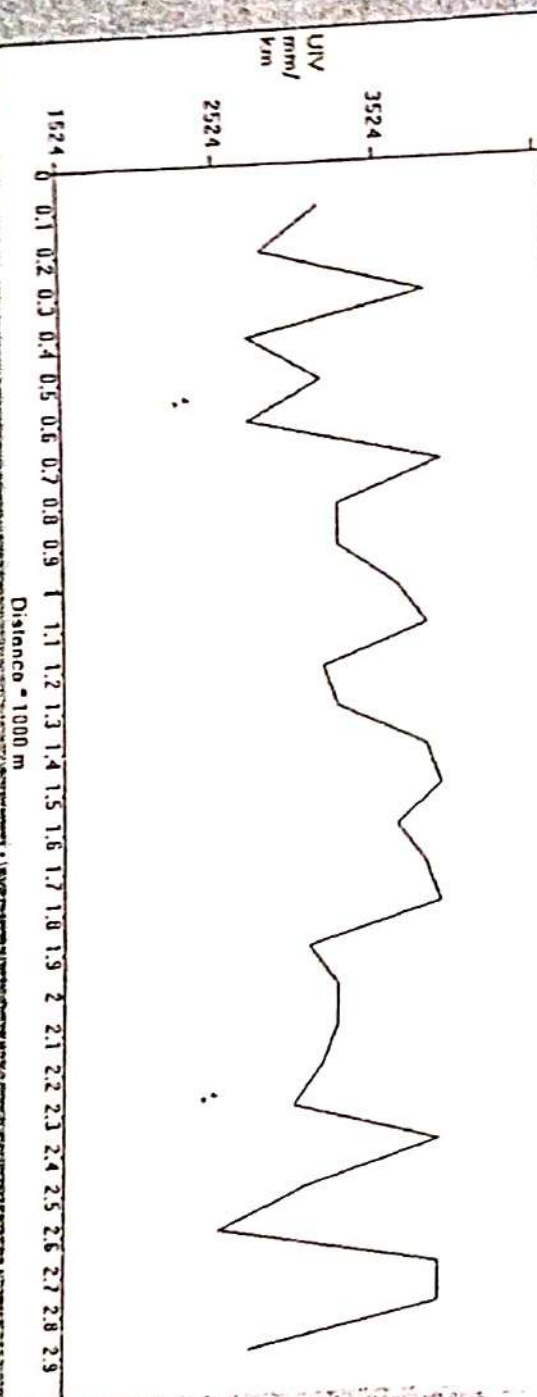
Test Date: **17-03-2022**
 Machine No.:
 Start S. No.:
 Start E. No.:
 Weather:
 Start Location:
 End Location:
 Road Name: **BENBIGHA VIA JAWA PUR**
 Road Type: **(R) RURAL ROAD**
 Side:
 UV Range: **1524** to **1000** mm/cm
 Dist Range: **0** to **3** to **101** to **1000** m
 Equation: **$Y = 0 \cdot X^2 + 0.936 \cdot X + 278.4$**

Print Generate Report and Graph

Redraw Graph

Map View

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



17/3/22

17/3/22

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

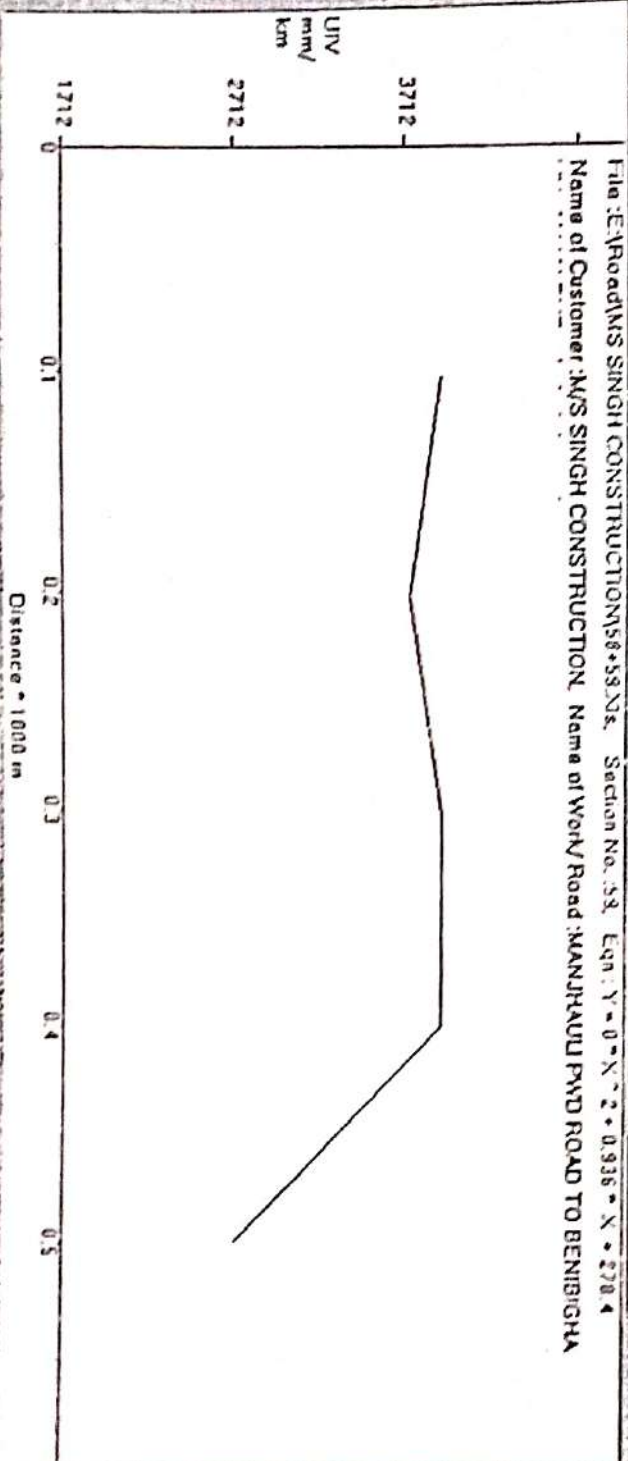
Test Date: **17-03-2022**
 Machine No.
 Station No.
 Start E. No.
 Weather
 Start Location
 End Location
 Road Name: **BEHENSARA VIA JAMALPURA**
 Road Type: **(R) RURAL ROAD**
 S.S. No.
 U.V. Range: **1712** **710** **5000** **1000** mm/km
 Road Range: **0** **10** **06** **001** **1000** m
 Equation: **$Y = 0 \cdot X^2 + 0.936 \cdot X + 278.4$**

Print Generate Report and Graph

Redraw Graph

Map View

File: E:\Road\MS SINGH CONSTRUCTION\58+58.Ns. Section No. 58. Eqn: $Y = 0 \cdot X^2 + 0.936 \cdot X + 278.4$
 Name of Customer: M/S SINGH CONSTRUCTION. Name of Work/Road: MANJHAU PWD ROAD TO BENISIGHA



Handwritten notes:
 58-22
 17/3/22
 17/3/22

NAME OF THE ROAD: MANJHAULI PWD ROAD TO BENBIGHA VIA JAMALPUR

LENGTH OF THE ROAD: 3.40 KM

PACKAGE NO.: MR-N/21-22/PAUGANI/02

DIVISION: PAUGANI

BLOCK: BIKRANI

AGENCY: M/S SINGH CONSTRUCTION COMPANY

Date	Time	Section	Length in km	Bumps in mm	Speed Rate	OR mm/km	UIV mm/km	CATEGORY ROAD	IRI	Latitude	Longitude	Event	$Y = 0 \cdot X^2 + 0.916 \cdot X + 278.4$		
17/3/22	10 4 5	S8	0.1	310	0	3100	3180	G	4.24	25.416855	84.862945	Normal			
17/3/22	10 4 25	S8	0.1	270	20.2	2700	2805	G	3.79	25.417123	84.86202	Curve	X = 2600		
17/3/22	10 4 40	S8	0.1	380	20.2	3800	3835	G	5.01	25.41765	84.861598	Curve	Y = 2712		
17/3/22	10 4 50	S8	0.1	260	30.3	2600	2712	G	3.68	25.417642	84.860605	Normal			
17/3/22	10 5 0	S8	0.1	310	30.3	3100	3180	G	4.24	25.417655	84.859528	Normal			
17/3/22	10 5 15	S8	0.1	260	30.3	2600	2712	G	3.68	25.41768	84.858502	Normal			
17/3/22	10 5 25	S8	0.1	390	30.3	3900	3928	G	5.12	25.417643	84.857525	Normal			
17/3/22	10 5 35	S8	0.1	320	20.2	3200	3273	G	4.35	25.417263	84.856835	Curve			
17/3/22	10 5 50	S8	0.1	320	30.3	3200	3273	G	4.35	25.41729	84.855858	Normal			
17/3/22	10 6 0	S8	0.1	360	20.2	3600	3648	G	4.79	25.41782	84.854865	Curve			
17/3/22	10 6 10	S8	0.1	380	30.3	3800	3835	G	5.01	25.41608	84.854143	Normal			
17/3/22	10 6 26	S8	0.1	310	20.2	3100	3180	G	4.24	25.41616	84.853803	Curve			
17/3/22	10 6 46	S8	0.1	320	30.3	3200	3273	G	4.35	25.41614	84.852791	Normal			
17/3/22	10 7 1	S8	0.1	380	10.1	3800	3835	G	5.01	25.416157	84.8518	Speed Breaker			
17/3/22	10 7 21	S8	0.1	390	10.1	3900	3928	G	5.12	25.41611	84.850942	Speed Breaker			
17/3/22	10 7 36	S8	0.1	360	20.2	3600	3648	G	4.79	25.415652	84.850252	Curve			
17/3/22	10 8 0	S8	0.1	380	30.3	3800	3835	G	5.01	25.415618	84.849341	Normal			
17/3/22	10 8 12	S8	0.1	390	30.3	3900	3928	G	5.12	25.415722	84.84841	Normal			
17/3/22	10 8 22	S8	0.1	300	30.3	3000	3086	G	4.11	25.415378	84.847658	Normal			

29.5.22

✓

Date	Time	Section	Length	Dumps	Speed	OR	UV	CATEGORY	IRI	Latitude	Longitude	Event
		No.	in km	in mtr	Rate	mtr/km	mtr/km	ROAD				
17/3/22	10:8:47	58	0.1	120	30.3	3200	3173	G	4.35	25.41548	84.84615	Normal
17/3/22	10:9:0	58	0.1	120	30.3	3200	3173	G	4.35	25.415232	84.845622	Normal
17/3/22	10:9:10	58	0.1	110	30.3	3100	3180	G	4.24	25.4151	84.84462	Normal
17/3/22	10:9:22	58	0.1	260	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	3086	G	4.13	25.41407	84.842693	Normal
17/3/22	10:10:20	58	0.1	240	20.2	2400	2524	G	3.45	25.413125	84.842727	Curve
17/3/22	10:10:30	58	0.1	390	10.1	3900	3928	G	5.12	25.413153	84.8418	Speed Breaker
17/3/22	10:10:41	58	0.1	390	30.3	3900	3928	G	5.12	25.413172	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	10:22:16	59	0.1	390	30.3	3920	3928	G	5.12	25.41522	84.851278	Normal
17/3/22	10:22:26	59	0.1	370	20.2	3700	3741	G	4.9	25.414348	84.851128	Curve
17/3/22	10:22:52	59	0.1	390	20.2	3900	3928	G	5.12	25.413677	84.850622	Curve
17/3/22	10:23:10	59	0.1	390	30.3	3900	3928	G	5.12	25.413807	84.850413	Normal
17/3/22	10:23:20	59	0.014	260	30.3	2600	2712	G	3.68	25.412316	84.850268	Normal
TOTAL			3.28	11400	838.3	114000	116155		153.54	864.12872	2884.91506	
AVERAGE						3552.941	3616.324		4.51882			

17/3/22

17/3/22