



STANDARD OPERATING PROCEDURE

Blackspot & Accidentspot Rectification Module

Ministry of Road Transport and Highways of India

Standard Operating Procedure of “Blackspot & Accidentspot Rectification Module”

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A-Blackspot Rectification

1) RO Login

(i)- The below screen will appear in the RO login, where the RO can **Update Blackspot details** by clicking on the “New” button as highlighted in red in the below screenshot.

The screenshot shows the 'MINISTRY OF ROAD TRANSPORT AND HIGHWAYS' dashboard. The user is logged in as 'Ashish Asati'. The breadcrumb trail is 'Home / Road Safety / Blackspot / Accidentspot Rectification'. A 'New +' button is highlighted in red. Below it are filters for 'Select Nature of Rectification', 'Select Year / Period', 'All', and 'Select Rectification Status'. There are also buttons for 'PDF' and 'Excel', and a 'Filter' button. A table with 17 columns is visible, including 'Sr. No.', 'Action', 'View', 'Activity Status', 'Rectification Measure Selected', 'No. Of Days Left For Short Term Measure Rectification', 'No. Of Days Left For Long Term Measure Rectification', 'Blackspot ID / Accident ID', 'Blackspot / Accident Period', 'UPC', 'NH Div. / RCC(BRO) / PIU-MoRTH', 'NH No.', 'Start Chainage', 'End Chainage', 'Latitude', 'Longitude', and 'State'.

(ii)-By clicking on the “New” button, Blackspot details fields will be appear as shown below, where the RO needs to fill the detail.

The screenshot shows the 'Details of Blackspot Report' form. It includes a 'Back to Grid' button. The form has a table with columns: 'Sr No.', 'State', 'Blackspot ID' (subdivided into 'State Code', 'Series', and 'Number'), 'UPC', 'RO-Morth', 'NH Div. / RCC(BRO) / PIU-MoRTH', and an 'Add (+)' button. Below the table are 'Cancel' and 'Submit' buttons.

- The page will appear as per **Annexure-1** then add a note and attach DSC for final submission.

2) NH Div./RCC(BRO)/PIU Login

(iii)- After the request submitted by the RO, then the request will be displayed in the **NH Div./RCC(BRO)/PIU Grid** as shown below image.

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS | Welcome - Indar SinghJadon | Search | User Name, NH-Div-Gwallior | Help Desk | Logout

Home / Road Safety / Blackspot / Accidentspot Rectification

New +

Select Nature of Rectification | Select Year / Period | All | Select Rectification Status

Select Approval Delegation | Filter

PDF | Excel | Show 10 entries | Search:

Sr. No.	Action	View	Activity Status	Rectification Measure Selected	No. Of Days Left For Short Term Measure Rectification	No. Of Days Left For Long Term Measure Rectification	Blackspot ID / Accident ID	Blackspot / Accident Period	UPC	RO- Morth	NH No.	Start Chainage	End Chainage	Latitude	Longitude	State
1	Action - View -		Identified Blackspot Updated By				MP-04-1526-BS	2018-2020	RA0NH55FA001MP	RO- MoRTH- Bhopal	NH55					Madhya Pradesh

Update Detail And Rectification Measures

(iv)- By clicking on the “**Update Detail and Rectification Measures**” by NH Div./RCC(BRO)/PIU, below mentioned form will be appear.

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS | Welcome - Indar SinghJadon | Search | User Name, NH-Div-Gwallior | Help Desk | Logout

Home / Road Safety / Blackspot / Accidentspot Rectification

Update Blackspot Detail | Back to Grid

State: Madhya Pradesh | Blackspot ID: MP 4-1526 BS | Blackspot Period: 2018 2020

Project Name: Project Gwallior to Bhopal | NH No.: NH55

Severity: Select | Police Station: | Landmark/town/village: | District: Select District

Start Chainage: | End Chainage: | Latitude: | Longitude: | Google Map Location

Road Side: Select | Type Of Area: Select | Road Geometry: Select | Road Terrain: Select

Traffic Density: Select | Bridge/Culvert: Select | Junction with: Select | Type of junction: Select

Photo of location before Rectification: Choose Files | No file chosen

Select Rectification Measure: Select Rectification Measure

Cancel Submit

(v)- When **NH Div./RCC(BRO)/PIU** select the **“Short Term Measure”** below screen will be appear, after that NH Div./RCC(BRO)/PIU will submit the rectification measure and details to the RO. Now, the noting function will appear, as **Annexure-1**. Add a note and attach DSC for final submission.

Select Rectification Measure

Short Term Measure

Short Term Measure

Short Term Measure Proposed

Measures Suggested By

Select

Suggested Category of short-term measures

Select

Estimated time for completion of rectification work (max 90 days)

Whether the proposed work is under the scope of contractor/concessionaire

☐ Yes
☒ No

Tentative cost of rectification work of short term measure (INR)

Upload safety consultant/police report suggesting rectification of short term measures/DRSC

Choose File

No file chosen

Cancel

Submit

3) RO Login

(vi)-After submission of the rectification measure by NH Div./RCC(BRO)/PIU, now button will be appear in RO grid as **“Short Term Cost Approval”**.

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

Welcome - Ashish Asati

Search

User Name, RO-MoRTH-Bhopal

Help Desk

Logout

Home / Road Safety / Blackspot / Accidentspot Rectification

Rajmarg

eOffice

AppSavy

RAMS

Road Asset Management System (RAMS)

New +

Select Nature of Rectification

Select Year / Period

All

Select Rectification Status

Select Approval Delegation

Filter

PDF

Excel

Show

10

entries

Search:

Sr. No.	Action	View	Activity Status	Rectification Measure Selected	No. Of Days Left For Short Term Measure Rectification	No. Of Days Left For Long Term Measure Rectification	Blackspot ID / Accident ID	Blackspot / Accident Period	UPC	NH Div. / RCC(BRO) / PIU- MoRTH	NH No.	Start Chainage	End Chainage	Latitude	Longitude	State
1	Action	View	Rectification measure and detail submitted to RO-Morth	Short Term Measure	89		MP-04-1526-BS	2018-2020	RA0NH55FA001MP	NH Division Gwalior	NH55	100.123	100.623	28.543553	77.768778	Madhya Pradesh
			Short Term Cost Approval													

(vii)-By clicking on the “**Short Term Cost Approval**” button, below fields will be appear as shown below, where the RO needs to fill the detail.

-Now, the noting function will appear, as **Annexure 1**. Add a note and attach DSC for final submission.

4) AE/IE Login

(viii)- After the **Short Term Cost Approval** by the RO, then the request will be displayed in the “**AE/IE**” & “**NH Div./RCC(BRO)/PIU**” Grid as shown below image.

Sr. No.	Action	View	Activity Status	Rectification Measure Selected	No. Of Days Left For Short Term Measure Rectification	No. Of Days Left For Long Term Measure Rectification	Blackspot ID / Accident ID	RO-Morth	NH Div. / RCC(BRO) / PIU-MoRTH	State	Status Of Rectification Works-Short Term Measure	Actual Physical Progress Of Rectification Work (In %)-Short Term Measure	Latest Rectification Photos Of Location Uploaded By AE/IE	Physical Progress(%)	Status Of Rectification Works - Long Term Measure
1	Update Inspection Report		Short term rectification measure	Short Term Measure	89		MP-04-1526-BS	RO-MoRTH-Bhopal	NH Division Gwalior	Madhya Pradesh					

(ix)- By clicking “Update Inspection Report”, below screen will be appear, where AE/IE or NH Div./RCC(BRO)/PIU will fill the mentioned fields and submit, after that, the page will appear as per Annexure-1.

5) NH Div./RCC(BRO)/PIU Login

(x)- After inspection report submitted by AE/IE, now buttons will be appear in NH Div./RCC(BRO)/PIU login as “Review on Inspection Report Short Term” & “Update Basic Detail”.

Sr. No.	Action	View	Activity Status	Rectification Measure Selected	No. Of Days Left For Short Term Measure Rectification	No. Of Days Left For Long Term Measure Rectification	Blackspot ID / Accident ID	Blackspot / Accident Period	UPC	RO- Morth	NH No.	Start Chainage	End Chainage	Latitude	Longitude	State
1	Action	View	Short Term Inspection Done by	Short Measure			MP-04-1526-BS	2018-2020	RA0NH55FA001MP	RO- MORTH- Bhopal	NH55	100.123	100.623	28.543553	77.768778	Madhya Pradesh

(xi)- By clicking on “Review on Inspection Report Short Term” below screen will be appear, after that, the page will appear as per Annexure-1.

(xii)- After inspection report submitted by AE/IE, buttons will be appear in NH Div./RCC(BRO)/PIU login as “Update Compliance” & “Update Basic Detail”.

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

Welcome - Indar SinghJadon

Search

User Name, NH-Div-Gwalior

Help Desk Logout

Home / Road Safety / Blackspot / Accidentspot Rectification

Rajmarg eOffice AppSavy

New +

Select Nature of Rectification

Select Year /Period

All

Select Rectification Status

Select Approval Delegation

Filter

PDF Excel

Show 10 entries

Search:

Sr. No.	Action	View	Activity Status	Rectification Measure Selected	No. Of Days Left For Short Term Measure Rectification	No. Of Days Left For Long Term Measure Rectification	Blackspot ID / Accident ID	Blackspot / Accident Period	UPC	RO-Morth	NH No.	Start Chainage	End Chainage	Latitude	Longitude	State
1	Update Basic Detail	Update Compliance	Short Term Inspection report reviewed by NH Div. / RCC(BRO) / PIU-MoRTH	Short Term Measure			MP-04-1526-BS	2018-2020	RA0NH55FA001MP	RO-MoRTH-Bhopal	NH55	100.123	100.623	28.543553	77.768778	Madhya Pradesh

(xiii)- By clicking on “Update Compliance” by NH Div/RCC(BRO)/PIU, below form will be appear of “Long Term Measure”, now, the noting function will appear, as **Annexure-1**. Add a note and attach DSC for final submission.

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

Welcome - Indar SinghJadon

Search

User Name, NH-Div-Gwalior

Help Desk Logout

Home / Road Safety / Blackspot / Accidentspot Rectification

Rajmarg eOffice AppSavy

Back to Grid

Update Compliance after Short Term measure Rectified

Blackspot ID

Last Inspection Report

Last Uploaded Photos of location

Actual Progress of rectification work (in %)

MP 4-1526 BS

Is the taken Short term measures effective w.r.t. Accident and fatality ☐ Yes ☒ No

Long Term Measure

Is the works being carried out under COS, upgradation or as a standalone project

Contractor/Concessionaire Name

AE/IE/SC Name

Road Safety Consultant Name

Is additional Consultant required for developing Long-Term rectification Proposal? ☐ Yes ☒ No

Long Term Measure Proposed

Measures suggested by

Category of long-term measures

Estimated Time For Completion Of Rectification Work

Upload Proposal for cost of work

Is Land acquisition required

Upload Proposal For Land Acquisition

Tentative Cost For Land Acquisition (INR)

Is Any Other Work Required

Tentative cost for Other (in INR.)

Total Tentative Cost of Rectification Work for Long Term Measure (in INR.)

Cancel Submit

6) RO Login

(xiv)- After submitting “**Update Compliance**” by NH Div/RCC(BRO)/PIU, button will be appear in RO login as “**Long Term Cost Approval**”.

The screenshot shows the RO Login dashboard with the following details:

- Header:** MINISTRY OF ROAD TRANSPORT AND HIGHWAYS, Welcome - Ashish Asati, Search bar, User Name: RO-MoRTH-Bhopal, Logout button.
- Breadcrumbs:** Home / Road Safety / Blackspot / Accidentspot Rectification.
- Filters:** Select Nature of Rectification, Select Year / Period, All, Select Rectification Status, Select Approval Delegation, Filter button.
- Table:**

Sr. No.	Action	View	Activity Status	Rectification Measure Selected	No. Of Days Left For Short Term Measure Rectification	No. Of Days Left For Long Term Measure Rectification	Blackspot ID / Accident ID	Blackspot / Accident Period	UPC	NH Div. / RCC(BRO) / PIU-MoRTH	NH No.	Start Chainage	End Chainage	Latitude	Longitude	State
1	Action	View	Compliance updated by NH Div. / RCC(BRO) / U-MoRTH	Short Term To Long Term Measure		226	MP-04-1526-BS	2018-2020	RAONH55FA001MP	NH Division Gwalior	NH55	100.123	100.623	28.543553	77.768778	Madhya Pradesh
- Buttons:** PDF, Excel, Show 10 entries, Search bar.

(xv)- By clicking on the “**Long Term Cost Approval**” button, below fields will be appear as shown below, where the RO needs to fill the detail, the noting function will appear, as **Annexure-1**. Add a note and attach DSC for final submission.

The screenshot shows the Recommendation form with the following details:

- Header:** MINISTRY OF ROAD TRANSPORT AND HIGHWAYS, Welcome - Ashish Asati, Search bar, User Name: RO-MoRTH-Bhopal, Logout button.
- Breadcrumbs:** Home / Road Safety / Blackspot / Accidentspot Rectification.
- Form Fields:**
 - Black Spot ID: MP-04-1526-BS
 - Rectification measure required for Blackspot (MP-04-1526-BS)? ☒ Yes ☐ No
 - Do you agree with Proposed detail of NH Div. / RCC(BRO) / PIU-MoRTH ☒ Yes ☐ No
- Table:**

Particulars	NH Div. / RCC(BRO) / PIU-MoRTH Proposed Details	RO Recommendation
Short Term Measure Proposed	Short Term	
Estimated Time for completion of work (max 90 days)	15/04/2025	15/04/2025
Tentative Cost of Rectification Work of Short Term Measure (in INR)	2500001	2500001
Long Term Measure Proposed	Long Term Measure Proposed-23 Dec	
Tentative cost for Land acquisition(in INR.)	1000000	1000000
Tentative Cost for any Other Work (in INR)	170000	170000
Tentative Cost for additional Appointment of Consultants (in INR)		
Total Tentative Cost of Rectification Work of Long Term Measure (in INR.)	1750000	1750000
Estimated Time for completion of work	30/08/2025	30/08/2025
Upload Relevant Document (if Any)		Choose File No file chosen
- Form Fields:**
 - Contractor / Concessionaire Name
 - AE/IE/SC Name
 - Road Safety Consultant Name
 - View button
 - Is additional Consultant required for developing Long-Term rectification Proposal? ☐ Yes ☒ No
 - Cancel, Approve buttons

7) AE/IE Login

(xvi)- After the **Long Term Cost Approval** by the RO, then the request will be displayed in the “AE/IE” & “NH Div./RCC(BRO)/PIU” Grid as shown below image.

Sr. No.	Action	View	Activity Status	Rectification Measure Selected	No. Of Days Left For Short Term Measure Rectification	No. Of Days Left For Long Term Measure Rectification	Blackspot ID / Accident ID	RO- Morth	NH Div. / RCC(BRO) / PIU- MoRTH	State	Short Term Measure			Long Term		
											Status Of Rectification Works-Short Term Measure	Actual Physical Progress Of Rectification Work (in %)- Short Term Measure	Latest Rectification Photos Of Location Uploaded By AE/IE	Physical Progress(%)	Status Of Rectification Works - Long Term Measure	Actual Physical Progress Rectification Work (in Long Te Measur
1	Action -	View -	Long term rectification measure approve By MO-Morth	Short Term To Long Term Measure		225	MP-04-1526-BS	RO- MoRTH- Bhopal	NH Division Gwalior	Madhya Pradesh	Completed/Rectified	100				

(xvii)- By clicking “**Update Inspection Report**”, below screen will be appear, where AE/IE or NH Div./RCC(BRO)/PIU will fill the mentioned fields and submit, after that, the page will appear as per Annexure-1.

Blackspot ID

MP-04-1526-BS

Date of Inspection

16/01/2025

Measure

Short Term To Long Term Measure

Status of Work

Select

Actual Physical Progress Of Rectification Work (in %)

Upload Inspection Report

Choose File No file chosen

Upload Rectification work site Photos

Choose Files No file chosen

Back to Grid

Cancel

Submit

(xviii)- After inspection report submitted by AE/IE, now buttons will be appear in NH Div./RCC(BRO)/PIU login as “**Review on Inspection Report Long Term**” & “**Update Basic Detail**”.

Sr. No.	Action	View	Activity Status	Rectification Measure Selected	No. Of Days Left For Short Term Measure Rectification	No. Of Days Left For Long Term Measure Rectification	Blackspot ID / Accident ID	Blackspot / Accident Period	UPC	RO- Morth	NH No.	Start Chainage	End Chainage	Latitude	Longitude	State
1	Action -	View -	Long Term Inspection Done by	Short Term To Long Term Measure			MP-04-1526-BS	2018-2020	RA0NH55FA001MP	RO- MoRTH- Bhopal	NH55	100.123	100.623	28.543553	77.768778	Madhya Pradesh

(xix)- By clicking on “**Review on Inspection Report Long Term**” below screen will be appear, after that, the page will appear as per Annexure-1.

The screenshot shows a web application interface for the Ministry of Road Transport and Highways. The header includes the ministry name, a welcome message for 'Indar SinghJadon', a search bar, and user information for 'NH-Div-Gwalior'. The breadcrumb trail is 'Home / Road Safety / Blackspot / Accidentspot Rectification'. The main content area is titled 'Review On Inspection Report' and contains a form with a radio button selection for 'Whether Work Is Completed As Per Proposal' (Yes/No). There are 'Cancel' and 'Submit' buttons at the bottom right, and a 'Back to Grid' button at the top right.

B-Accidentspot Rectification

(i)- The below screen will appear in the **NH Div./RCC(BRO)/PIU** login, where the **NH Div./RCC(BRO)/PIU** can Update Accidentspot details by clicking on the “**New**” button as highlighted in red in the below screenshot.

The screenshot shows the 'Accidentspot Rectification' grid in the NH Div./RCC(BRO)/PIU login. The header is the same as the previous screenshot. The breadcrumb trail is 'Home / Road Safety / Blackspot / Accidentspot Rectification'. The main content area features a 'New +' button highlighted with a red box. Below this are several filters: 'Select Nature of Rectification', 'Select Year /Period', 'All', 'Select Rectification Status', and 'Select Approval Delegation'. There are 'PDF' and 'Excel' buttons, a 'Filter' button, and a 'Show 10 entries' dropdown. A search bar is also present. The grid has 17 columns: Sr. No., Action, View, Activity Status, Rectification Measure Selected, No. Of Days Left For Short Term Measure Rectification, No. Of Days Left For Long Term Measure Rectification, Blackspot ID / Accident ID, Blackspot / Accident Period, UPC, R0- Morth, NH No., Start Chainage, End Chainage, Latitude, Longitude, and State.

(ii)- By clicking on the “New” button, Accidentspot details form will be appear as shown below where the NH Div./RCC(BRO)/PIU needs to fill the details.

Details of Accidentspot Report.

Select FY Year
2021-2022

Sr No.	State	Accidentspot ID			UPC	Number of Accidents Last (3 year)			Number of Fatalities (3 year)			Add (+)
		State Code	FY Year	Number		2018-2019	2019-2020	2020-2021	2018-2019	2019-2020	2020-2021	
1	Search		2021-2022		Select							X

Cancel Submit

(iii)- After the request submitted by the NH Div./RCC(BRO)/PIU, then the request will be displayed in the NH Div./RCC(BRO)/PIU Grid as shown below image.

Select Nature of Rectification
Select Year /Period
All
Select Rectification Status
Select Approval Delegation
Filter

PDF Excel Show 10 entries Search:

Sr. No.	Action	View	Activity Status	Rectification Measure Selected	No. Of Days Left For Short Term Measure Rectification	No. Of Days Left For Long Term Measure Rectification	Blackspot ID / Accident ID	Blackspot / Accident Period	UPC	RO-Morth	NH No.	Start Chainage	End Chainage	Latitude	Longitude	State
1	Action	View	New ARSAP Updated By NH Div. / RCC(BRO) / PIU				MP-2021-2022-1625-AS	2021-2022	RA0NH55FA001MP	RO-MORTH-Bhopal	NH55					Madhya Pradesh

Update Detail And Rectification Measures

(iv)- By clicking on the “**Update Detail and Rectification Measures**” by NH Div./RCC(BRO)/PIU, below mentioned form will be appear.

Update Accidentspot Detail

State: Madhya Pradesh | MP | Accidentspot ID: 2021-2022-1625 | AS | Accidentspot Period: 2021 | 2022

Project Name: Project Gwalior to Bhopal | NH No.: NH55

Severity: Select | Police Station: | Landmark/town/village: | District: Select District

Start Chainage: | End Chainage: | Latitude: | Longitude: | Google Map Location

Road Side: Select | Type Of Area: Select | Road Geometry: Select | Road Terrain: Select

Traffic Density: Select | Bridge/Culvert: Select | Junction with: Select | Type of junction: Select

Photo of location before Rectification: Choose Files | No file chosen | Upload Relevant Document: Choose File | No file chosen

Select Rectification Measure: Select Rectification Measure

Buttons: Back to Grid, Cancel, Submit

-Further, all process of “**Accident spot**” is to be same as “**Blackspot Module**”, where the NH Div./RCC(BRO)/PIU will submit the rectification measure and details to the RO. Now, the noting function will appear, as **Annexure 1**. Add a note and attach DSC for final submission.

Annexure 1

Notepad | Uploaded Documents

Blank PDF ... | 1 / 1 | 67% | + | - | ...

Blank PDF ... | 1 / 1 | 67% | + | - | ...

Buttons: Add Note, TABLE OF CONTENT, Upload Correspondence, Cancel, Submit