सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport and Highways, Government of India)
जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075 • G-5 & 6, Sector-10, Dwarka, New Delhi-110075
दूरभाष/Phone : 91-11-25074100 / 25074200

भाराराप्रा/ नीति दिशानिर्देश/ विविध दिशानिर्देश / 2026
नीति परिपत्र सं. 18.139/2026 दिनांक 04th अक्टूबर 2026

{(ई-ऑफिस फाइल सं. ITDIV-15016/3/2026-IT Division (कम्प्युटर सं. 327830 पर लिया गया निर्णय)}

NHAI/Policy Guidelines/Miscellaneous Guidelines/2026
Policy Circular No. 18.139 / 2026 dated 04th October, 2026

{(Decision taken on E-Office File No. ITDIV-15016/3/2026-IT Division (Comp No. 327830)}

विषय: ड्रोन विश्लेषिकी निगरानी प्रणाली (डीएएमएस) सर्वेक्षण के माध्यम से पहचाने गए निर्माणाधीन विशेषताओं के लिए 'की गई कार्रवाई रिपोर्ट' (एटीआर) अनिवार्य रूप से प्रस्तुत किए जाने के संबंध में।

Sub: Mandatory submission of Action Taken Report (ATR) for Under-Construction Features Identified through the Drone Analytics Monitoring System (DAMS) Survey reg:-

कृपया नीति परिपत्र सं. 18.107/2025 दिनांक 5 सितंबर, 2025 का संदर्भ ग्रहण करें, जिसमें डीएएमएस के अधीन चार श्रेणियों अर्थात (i) निर्माणाधीन (ii) ओ एवं एम (iii) वृक्षारोपण और (iv) सड़क सुरक्षा के अंतर्गत उपलब्ध विशेषताओं का विवरण उपलब्ध किया गया है। ये विशेषताएं गतिशील सामयिकता प्रदान करती हैं और इनके द्वारा जनित कार्रवाई योग्य अंतर्दृष्टि को ड्रोन सर्वेक्षण के माध्यम से कैप्चर किया जाता है और कृत्रिम बुद्धिमत्ता / मशीन अधिगम तकनीकों के माध्यम से विश्लेषित किया जाता है।

Refer to Policy Circular No. 18.107/2025 dated 5th September, 2025 providing the details of features available under Four suites viz. (i) Under Construction (ii) O&.M (iii) Plantation and (iv) Road Safety under DAMS. The features provide dynamic updates and generate actionable insights which are captured through drone survey and analysed through Artificial Intelligence / Machine Learning techniques.

2. उपरोक्त संदर्भित नीति परिपत्र के अनुक्रम में और विकास तथा निष्पादन चरण के दौरान परियोजनाओं की निगरानी को और सुदृढ़ करने के लिए, निम्नलिखित अतिरिक्त "निर्माणाधीन" विशेषताओं को अब डीएएमएस मॉड्यूल में शामिल किया गया है

In continuation of the above-referred Policy Circular and to further strengthen the monitoring of Projects during the development and execution phase, the following additional "Under Construction" features have now been incorporated into the DAMS Module.

i. निर्माण में अंतराल
Gap in Construction

ii. डायवर्जन की स्थिति
Condition of Diversion

iii. बाधा
Hindrance

Contd.....2/-

iv. रैन कट
Rain Cut

v. गायब क्रैश बैरियर
Missing Crash Barrier

vi. पेवमेंट प्रगति
Pavement Progress

3. इन विशेषताओं का एक बार डीएएमएस द्वारा विश्लेषण किया जाता है और परियोजना निदेशकों (पीडी) द्वारा परियोजना प्रगति और निष्पादन की स्थिति का पता लगाने के लिए डेटा लेक प्लेटफॉर्म पर भेजा जाता है।

These features are once analysed by DAMS and pushed to the Data Lake platform for tracking Project progress and execution by the Project Directors (PDs).

4. **'की गई कार्रवाई रिपोर्ट' (एटीआर) का अनिवार्य रूप से दाखिल करना:** तदनुसार, एतद्द्वारा यह अनिवार्य किया जाता है कि सभी परियोजना निदेशकों (पीडी) को डीएएमएस के माध्यम से अपने संबंधित एनएच संरेखण के भीतर उपर्युक्त निर्माणाधीन विशेषताओं के लिए जनित टिप्पणियों की समीक्षा करनी होगी। संबंधित पीडी सभी पहचानी गई टिप्पणियों के लिए डीएएमएस मॉड्यूल के अंतर्गत डीएल पर संबंधित 'की गई कार्रवाई रिपोर्ट' (एटीआर) अनिवार्यतः प्रस्तुत करेंगे।

Mandatory Filing of Action Taken Report (ATR): Accordingly, it is hereby mandated that all Project Directors (PDs) must review the observations generated for the above-mentioned Under Construction features within their respective NH alignments through the DAMS. The concerned PDs shall compulsorily submit the corresponding Action Taken Report (ATR) on DL under the DAMS module for all identified Observations.

5. **मानक संचालन प्रक्रिया (एसओपी):** एटीआर निर्धारित समय सीमा के भीतर निर्धारित प्रारूप में प्रस्तुत किया जाएगा। डेटा लेक पोर्टल पर विश्लेषण की समीक्षा करने और एटीआर दाखिल करने की चरण-दर-चरण प्रक्रिया का विवरण प्रस्तुत करने वाली मानक संचालन प्रक्रिया (एसओपी) अनुलग्नक-I के रूप में यहाँ संलग्न है।

Standard Operating Procedure (SOP): The ATR shall be furnished in the prescribed format within the stipulated timeline. The Standard Operating Procedure (SOP) detailing the Step-By-Step Process for reviewing the analytics and filing the ATR on the Data Lake Portal is enclosed herewith as **Annexure-I.**

6. संबंधित पीडी यह सुनिश्चित करेंगे कि एटीआर में प्रस्तुत की गई जानकारी सटीक, पूर्ण और वास्तविक स्थिति के अनुसार विधिवत सत्यापित है। एटीआर को समय पर अद्यतन करना महत्वपूर्ण है, क्योंकि इससे प्राधिकरण द्वारा प्रभावी निगरानी, पहचानी गई टिप्पणियों की समीक्षा और डेटा-संचालित निर्णय लेने में सुविधा होगी।

The concerned PDs shall ensure that the information furnished in the ATR is accurate, complete and duly verified against ground realities. Timely updation of ATRs is critical, as it will facilitate effective monitoring, review of the identified observations and data-driven decision-making by the Authority.

Contd.....3/-

7. यह सक्षम प्राधिकारी के अनुमोदन से जारी किया जाता है।
This issues with the approval of Competent Authority.

संलग्नक: यथोपरी।
Encl.: As stated above.

04/10/26

(सीएस. संजय कुमार पटेल/ CS. Sanjay Kumar Patel)
प्रभारी मुख्य महाप्रबंधक(समन्वय) (i/c) Chief General Manager (Coord.)

प्रति/ To:

भाराराप्रा मुख्यालय/आरओ/पीआईयू/सीएमयू/साइट कार्यालयों के सभी अधिकारी।
All Officers of NHAI HQ/ ROs/ PIUs/ CMUs/ Site Offices.

प्रतिलिपि/ Copy to:

1. पुस्तकालय की साइट पर प्रकाशन के लिए पुस्तकालय को।
Library for hosting the Circular on Library site.
2. परिचालन के लिए वेब एडमिन को।
Web Admin for Circulation.
3. सचिव, सड़क परिवहन और राजमार्ग मंत्रालय के प्रधान निजी सचिव को सूचनार्थ।
PPS to Secretary, MoRT&H for Kind Information.

आवश्यक कार्रवाई हेतु प्रतिलिपि प्रेषित:
Copy also for necessary action to:

4. डेटा लेक टीम - कार्यक्रम प्रबंधक
Data Lake Team - Program Manager
5. डीएएमएस के लिए पैनलबद्ध तकनीकी सेवा प्रदाता (टीएसपी)
Empanelled Technical Service Providers (TSP) for DAMS
6. पैनलबद्ध ड्रोन सेवा प्रदाता (डीएसपी)
Empanelled Drone Service Providers (DSP)

ANNEXURE-I

STANDARD OPERATING PROCEDURE REGARDING SUBMISSION OF ACTION TAKEN REPORT (ATR) FOR UNDER-CONSTRUCTION FEATURES IDENTIFIED THROUGH "DRONE ANALYTICS MONITORING SYSTEM" (DAMS) SURVEY

National Highway Authority of India

File No. ITDIV-15016737/2026-IT Division (Computer No. 327830)
Generated from eOffice by BIBU SUDAN, Manager (HQU) - PS, MANAGER (HQU), NHAI HQ on 28/09/2026 05:00 pm

Submission of Action Taken Report (ATR) for Under-Construction features identified through the Drone Analytics Monitoring System (DAMS) Survey

Table of Content for "Submission of Action Taken Report (ATR) for Under-Construction features identified through the Drone Analytics Monitoring System (DAMS) Survey

1.PIU Login:.....3

a. Submit/Review ATR – Condition of Diversion:.....4

b. Submit/Review ATR – Gap in Construction:.....5

c. Submit/Review ATR –Raincuts in Embankments:.....6

d. Submit/Review ATR –Missing Crash barrier: 6

e. Submit/Review ATR –Pavement Progress: 7

f. Submit/Review ATR –Hindrances: 7

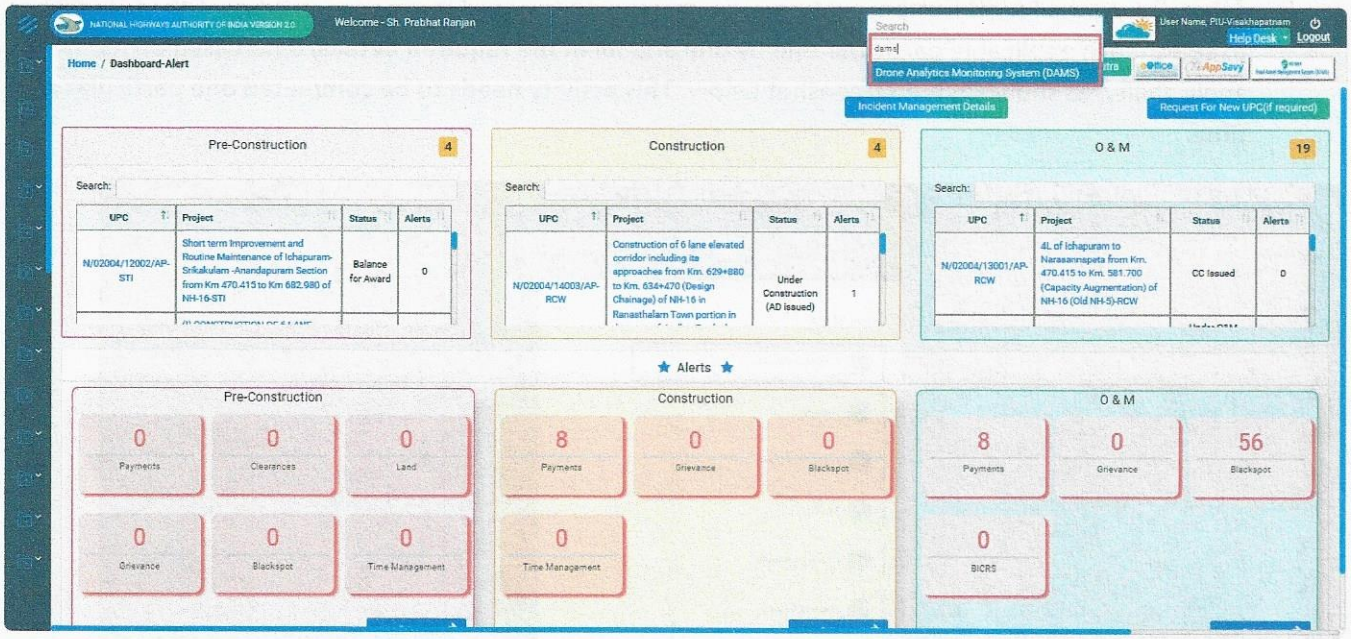
g. UC ATR Dashboard 8

File No. ITDIV-15016/37/2026-IT Division (Computer No. 327830)

Generated from eOffice by PIPU SUDAN, Manager (HQU) - PS_MANAGER (HQU), NHAI HQ on 28/09/2026 05:09 pm

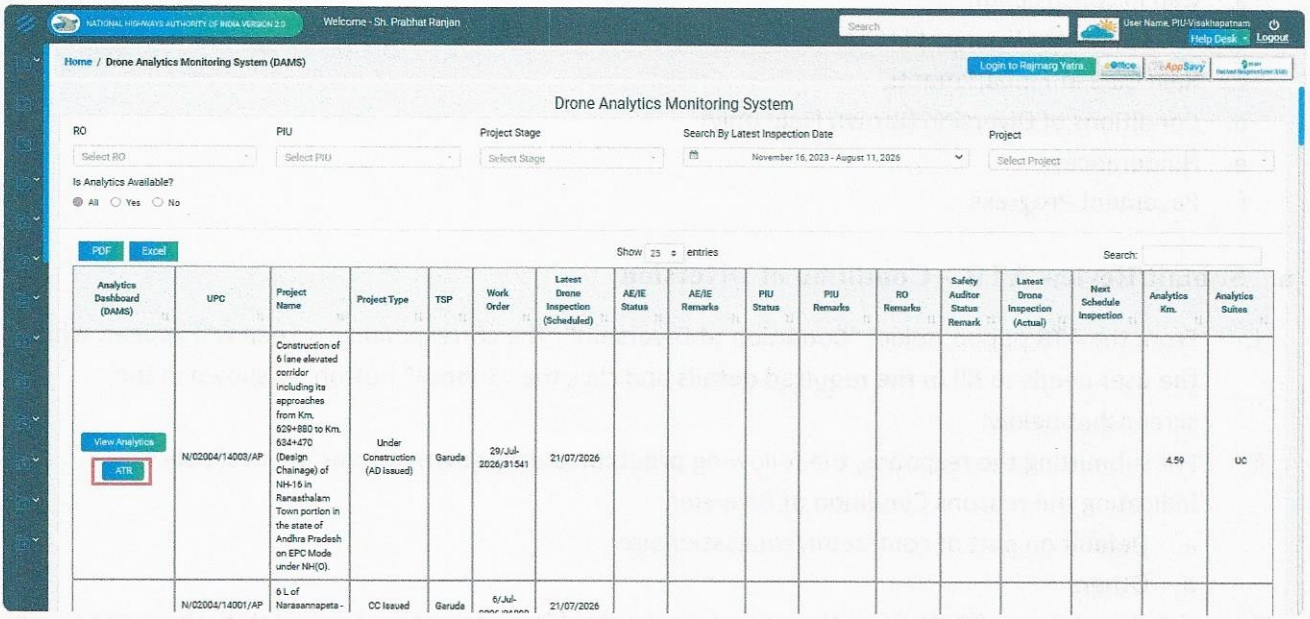
1.PIU Login:

A. To begin, enter **"Drone Analytics Monitoring System (DAMS)"** in the search box to locate the **DAMS module**, as shown in the screenshot below.



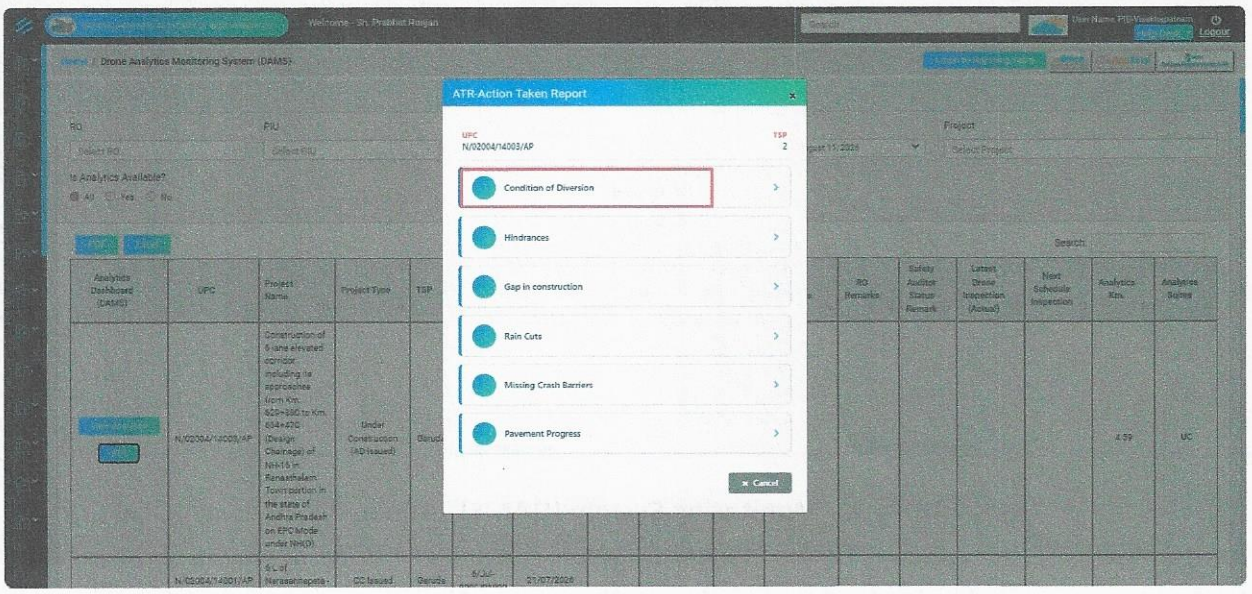
B. After selecting **"Drone Analytics Monitoring System (DAMS)"**, the user will be directed to the screen shown below. Along with the **"View Analytics"** button, an **"ATR"** button is also available to view issues related to **Under Construction (UC) projects**. The user can either click on the **"ATR"** button directly or use the available **filters and search options** to locate the required **UPC** and proceed to fill in the ATR.

C. Once the user locates the required **UPC**, they can fill out the **ATR report**, if available, by clicking the **"ATR"** button, as shown in the screenshot below.



File No. ITDIV-15016/37/2026-IT Division (Computer No. 327830)
Generated from eOffice by BIBU SUDAN, Manager (HQU) - PS, MANAGER (HQU), NHAI HQ on 28/09/2026 05:00 pm

D. After clicking the **"ATR"** button, a popup will appear with the available ATR particulars. The user needs to **select each applicable particular one by one and fill in the required details/data** based on its applicability, as shown in the screenshot below. **This activity needs to be completed one particular at a time.**



E. After clicking on the selected, a corresponding page will open where the user needs to **fill in the required details/data as applicable**. For example:

The **ATR for Under Construction (UC) projects is being requested for six identified features.**

a. Gap in construction
b. Crash Barrier Missing at Embarkments
c. Rain Cuts at Embarkments
d. Conditions of Diversion (Brown Field only)
e. Hinderances
f. Pavement Progress

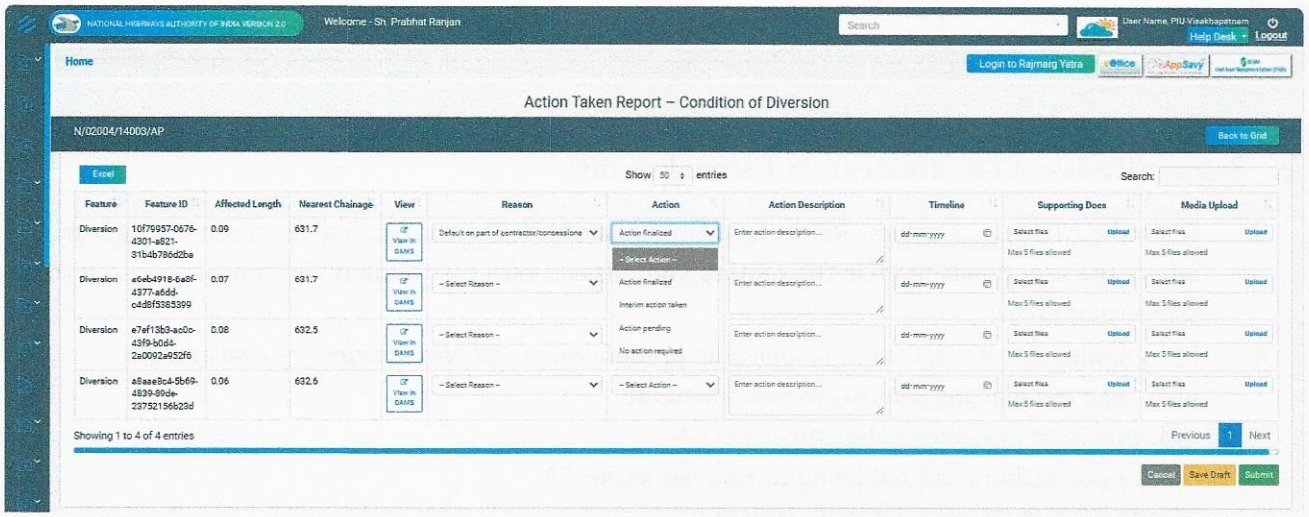
a. Submit/Review ATR – Condition of Diversion:

i. From the ATR popup, select **"Condition of Diversion"**. The corresponding screen will appear, where the user needs to **fill in the required details** and click the **"Submit"** button, as shown in the screenshot below.

ii. For submitting the response, the following **predefined dropdown options** are available for indicating the reasons Condition of Diversion:
   a. Default on part of contractor/concessionaire
   b. Others

iii. If **Option (a)**, i.e., **"Default on the part of Contractor/Concessionaire ,"** is selected, the response will be **automatically forwarded to the NCR on the DL** for further necessary action.

File No. ITDIV-15016737/2026-IT Division (Computer No. 327830)
Generated from eOffice by BIPU SUDAN, Manager (HQU) - PS, MANAGER (HQU), NHAI HQ on 28/09/2026 05:00 pm



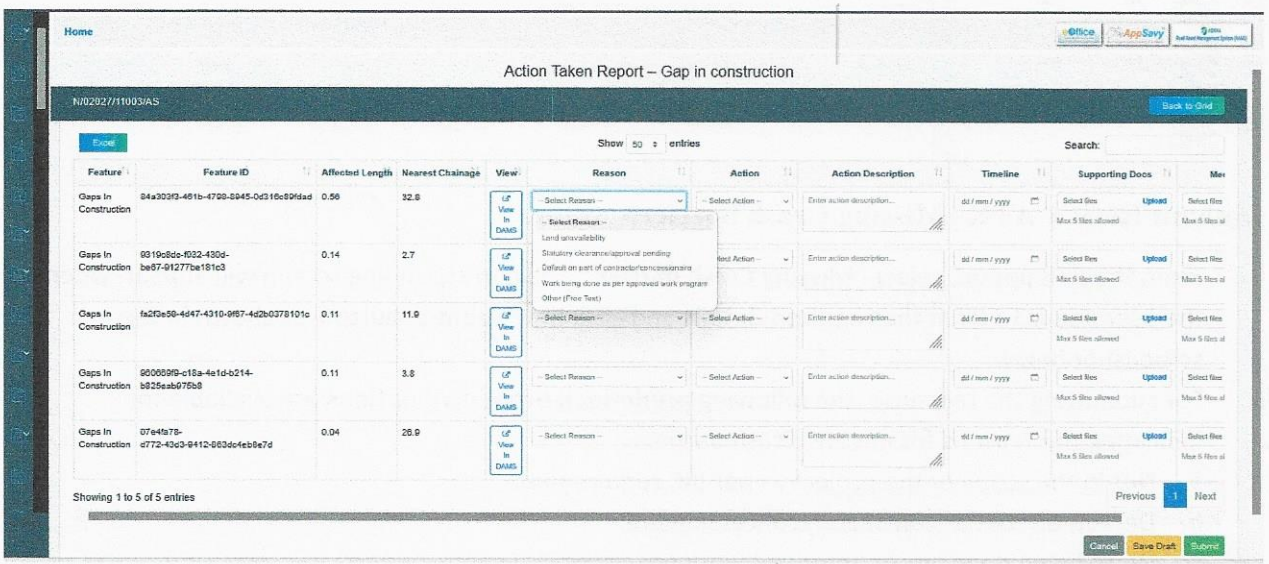
b. Submit/Review ATR – Gap in Construction:

i. From the ATR popup, select **"Gap in Construction"**. The corresponding screen will appear, where the user needs to **fill in the required details** and click the **"Submit"** button, as shown in the screenshot below.

ii. For submitting the response, the following **predefined dropdown options** are available for indicating the reasons for gaps in construction:

a. Land unavailability
b. Statutory clearance/approval pending
c. Default on part of contractor/concessionaire
d. Work being done as per approved work program
e. Others

iii. If **Option (c)**, i.e., "Default **on the part of Contractor/Concessionaire ,"** is selected, the response will be **automatically forwarded to the NCR on the DL** for further necessary action



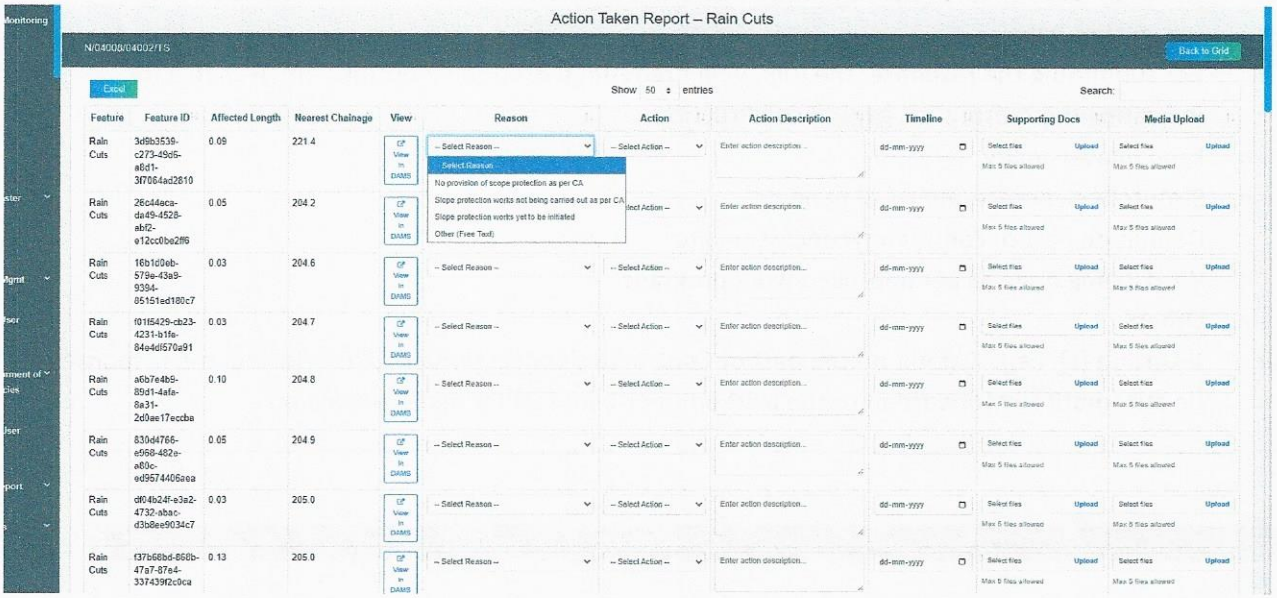
File No. ITDIV-15016/37/2026-IT Division (Computer No. 327830)
Generated from eOffice by BIBU SUDAN, Manager (HQU) - PS, MANAGER (HQU), NHAI HQ on 28/09/2026 05:00 pm

c. Submit/Review ATR –Raincuts in Embankments:

i. From the ATR popup, select **"Raincuts in Embankments"**. The corresponding screen will appear, where the user needs to **fill in the required details** and click the **"Submit"** button, as shown in the screenshot below.

ii. For submitting the response, the following **predefined dropdown options** are available for indicating the reasons Raincuts in Embankments:

a. No provision of scope protection as per CA
b. Slope protection work not being carried out as per CA
c. Slope protection work yet to be initiated
d. Others
e. If Option **(b)**, i.e., **"Slope protection work not being carried out as per CA ,"** is selected, the response will be **automatically forwarded to the NCR on the DL** for further necessary action



d. Submit/Review ATR –Missing Crash barrier:

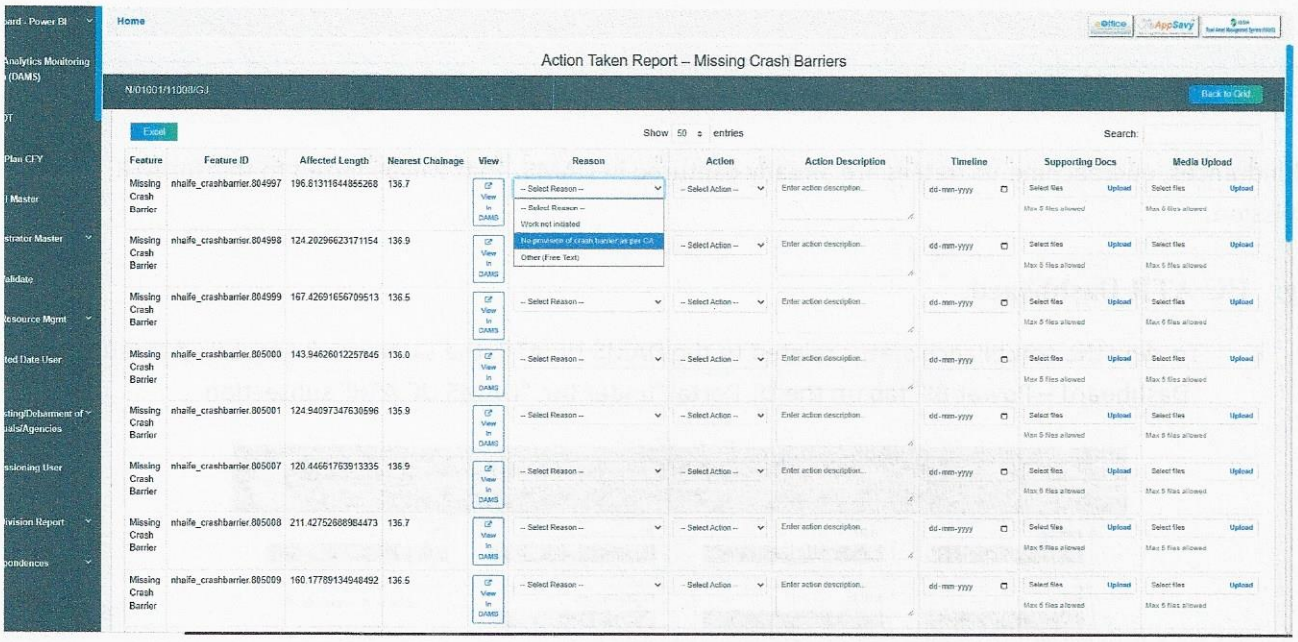
i. From the ATR popup, select **"Missing Crash barrier"**. The corresponding screen will appear, where the user needs to **fill in the required details** and click the **"Submit"** button, as shown in the screenshot below.

ii. For submitting the response, the following **predefined dropdown options** are available for indicating the reasons for missing Crash barriers:

a. Not in the scope of the project as per IRC requirement
b. Default on part of contractor/concessionaire
c. Work being done as per approved work program.

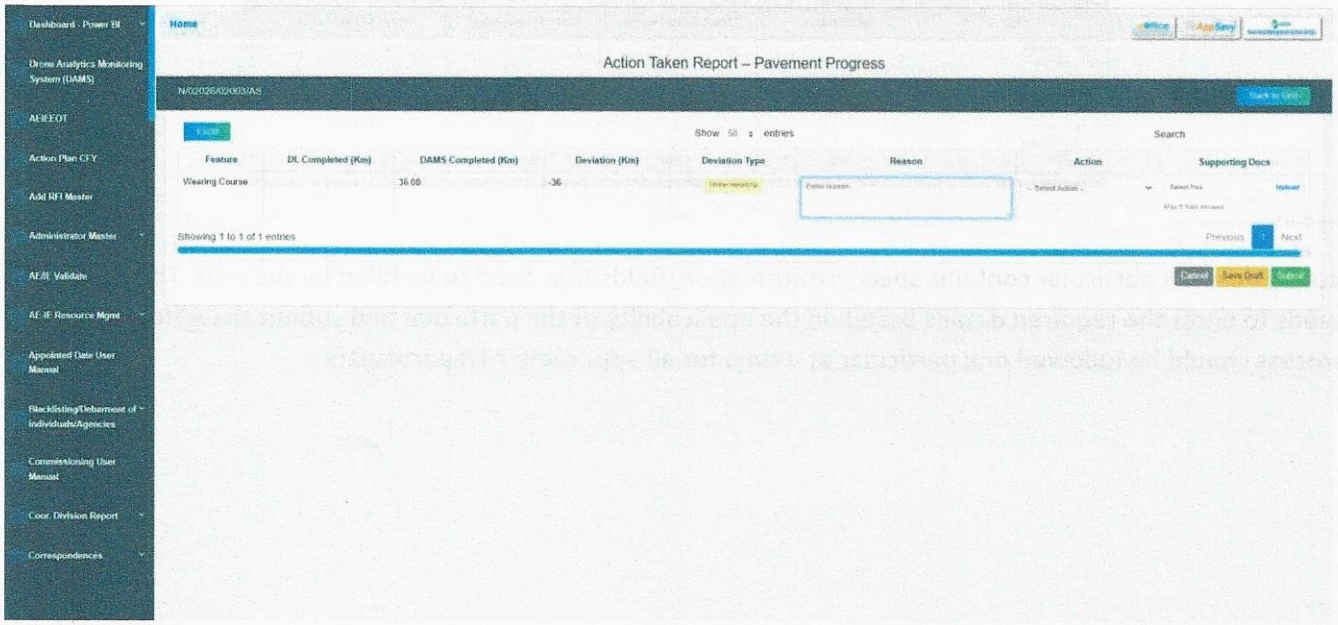
iii. If Option **(b)**, i.e., "Default **on the part of Contractor/Concessionaire ,"** is selected, the response will be **automatically forwarded to the NCR on the DL** for further necessary action

File No. ITDIV-15016/37/2026-IT Division (Computer No. 327830)
Generated from eOffice by BIBU SUDAN, Manager (HQU) - PS, MANAGER (HQU), NHAI HQ on 28/09/2026 05:00 pm



e. Submit/Review ATR –Pavement Progress:

i. From the ATR popup, select **"Pavement Progress"**. The corresponding screen will appear, where the user needs to **fill in the required details** and click the **"Submit"** button, as shown in the screenshot below.



f. Submit/Review ATR –Hindrances:

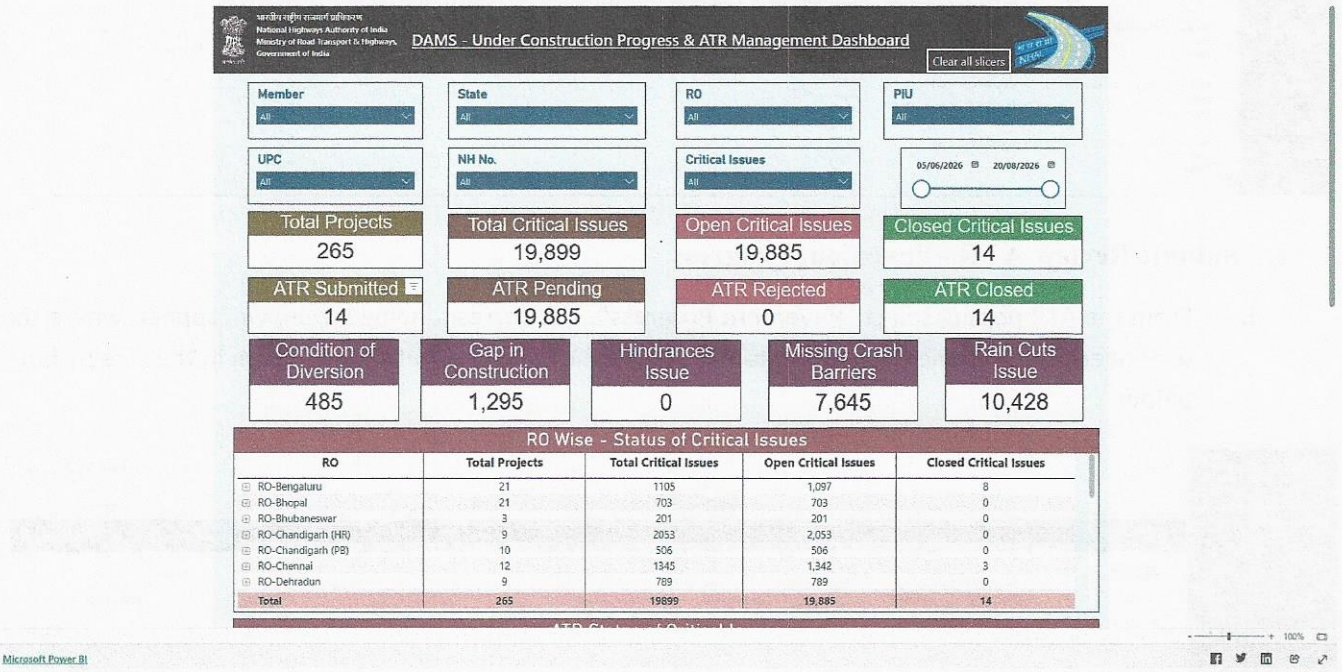
i. From the ATR popup, select **"Hindrances"**. The corresponding screen will appear, where the user needs to **fill in the required details** and click the **"Submit"** button, as shown in the screenshot below.

File No. ITDIV-150167372026-IT Division (Computer No. 327830)
Generated from eOffice by BIBU SUDAN, Manager (HQU) - PS, MANAGER (HQU), NHAI HQ on 28/09/2026 05:00 pm

For hindrances, encroachments details are already captured in DAMS. That will be linked to this for ATR submission.

g. UC ATR Dashboard

i. To view the compliance status related to the DAMS UC ATR, the same can be accessed through the "Dashboard – Power BI" tab on the DL Portal, under the "DAMS UC ATR" subsection.



Note: Each ATR particular contains specific information/fields that need to be filled by the user. The user needs to enter the required details based on the applicability of the particular and submit the ATR report. This process should be followed one particular at a time for all applicable ATR particulars.

File No. ITDIV-15016737/2026-IT Division (Computer No. 327830)
Generated from eOffice by BIBU SUDAN, Manager (HQU) - PS, MANAGER (HQU), NHAI HQ on 28/08/2026 05:00 pm