



Integrated Transport Information System

**REQUEST FOR TENDER (RFT): SANRAL HO 1005/68120/2025/01
NRA 2025/0364**

**APPOINTMENT OF A SERVICE PROVIDER FOR THE PROPERTY ADMINISTRATION
SERVICES FOR A PERIOD OF FIVE (5) YEARS**

APPENDIX C

ITIS 5.1 - User Manual

- November 2024 -

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Glossary & Terms

As Built	Shows all details regarding the dates and layers of construction done on the road
Breadcrumb	A breadcrumb or breadcrumb trail is the part of the navigation that shows you where you are. Breadcrumb trails are often found near the top of Web pages and define both the current location within the site hierarchy as well as primary pages above the current page
CC	Contracts Committee
CEO	Chief Executive Officer
CFO	Chief Financial Officer
CSE	Corporate Services
Dashboard	A user interface that organizes and presents information in a way that is easy to read
DM	Division Manager
EX	Executive
FM	Finance Manager
ITIS	Integrated Transportation Information System
Modules	Different data systems within ITIS
Pop Up	A type of window that appears on top of (over) the browser window of a Web site that a user has visited
PM	Project Manager
RFM	Regional Finance Manager
RM	Regional Manager
RRM	Routine Road Maintenance
SANRAL	South African National Roads Agency Limited
SCM	Supply Chain Manager
SPM	Stand-in Project Manager
Queries	A request for information from a database which matches a set of criteria

Welcome

This Manual helps users to use the ITIS 5.1 application and details where and how new functionality can be accessed. Some features are still not available in ITIS 5.1. These can be found by opening the ITIS 4.5 module.

Digitised Registration process

To gain access to ITIS 5.1

- i. Log into Citrix
- ii. You will see two icons:
 - ITIS Portal Production (ITIS 5.1)
 - ITIS Portal QA (ITIS 5.1 Quality Assurance System)
- iii. Click on ITIS > ITIS Portal Production

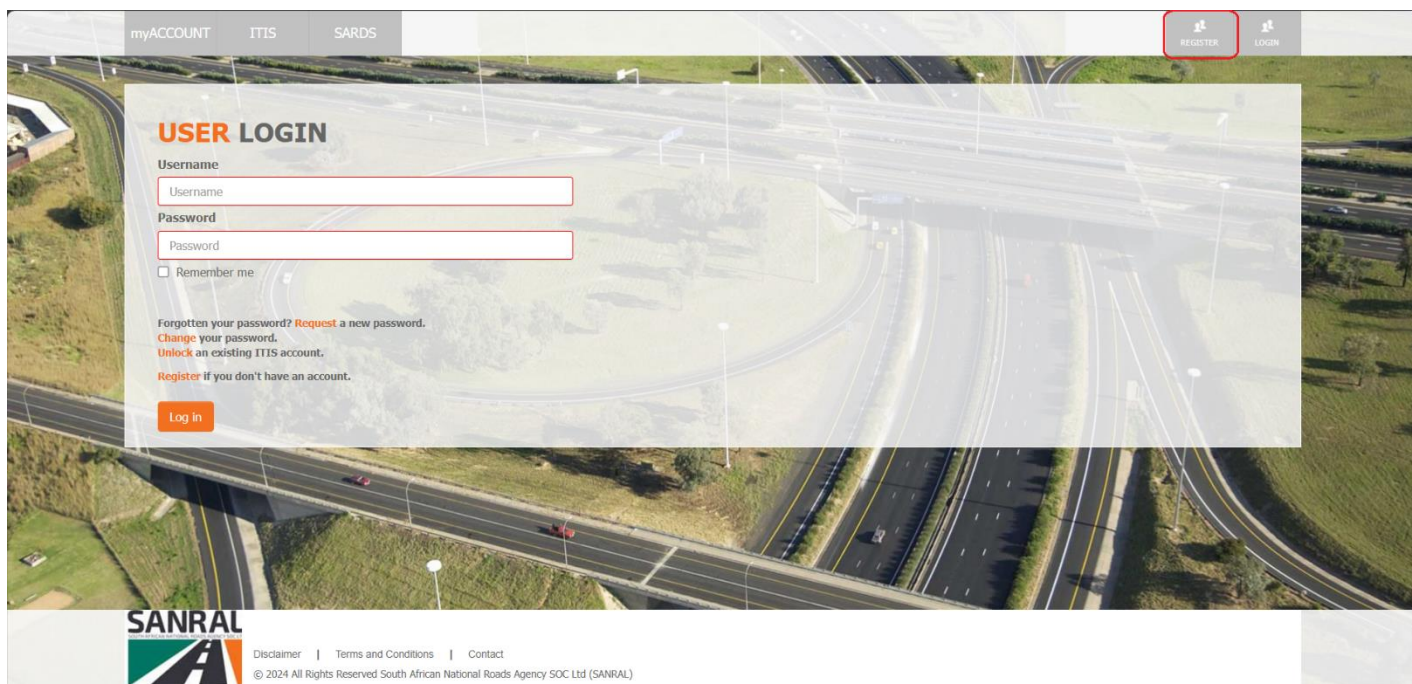


FIGURE 1: ITIS 5.1 REGISTER

- iv. Once the ITIS 5.1 landing page has loaded (Figure 1: ITIS 5.1)
- v. Click on Register

In the ITIS system, when a new user registers, they are required to specify the projects they wish to have access to as part of their application process. This includes selecting a Project, a User Type, and a User Sub Type. These choices are critical as they define the specific permissions and roles that the user will have within the system once their request is approved.

For instance, a **Contracts Engineer** will be granted access to the **Contract Admin permission**, enabling them to perform tasks in both the **ITIS Desktop application** and the **Road Routine Maintenance (RRM) application**. Similarly, a **Bridge Inspector** will receive the **Structure Module role**, which provides access to the Desktop Structures system. These roles are tailored to ensure users only access the tools and information necessary for their duties.

Register - Project Details

☐ Data Loaders
☐ SARDS Tender

SAVED PROJECT RECORDS

Project Code	Request Type	Request Sub Type	Actions
--------------	--------------	------------------	---------

ENTER PROJECT DETAILS

Enter Project

X.004-064-2019/1

Select Project

X.004-064-2019/1 (RRM)

RRM

Select User Type

Consultant

Select Sub User Type

Route Manager

Add Project

Project Details

Previous
Register
Close

FIGURE 2: DIGITISED FORM

Approval Process for User Project Requests

After registration, user access requests linked to specific projects are sent to the relevant **Project Manager** for review. The approval process is streamlined through the **Projects → Project User Approval** section in ITIS, which is accessible to Project Managers.

This section displays a comprehensive list of all user requests associated with projects managed by the Project Manager. Each record in the list includes details of the user, the project, and the selected roles, enabling the Project Manager to make informed decisions. The Project Manager is empowered to either **Approve** or **Decline** requests directly from this interface.

Project User Approval

Filter Status:

Filter Project:

All

All

Name	Org	Project	Request Type	Request Sub-Type	Capture PIM	Capture Contract	Capture Incident	Capture RRM	User Status	Status	Amend Status	Submit
Plug Plug	FED	N.001-005-2012/2	Consultant	Route Manager	false	false	false	false	CREATED	Approved	Approved	Submit
Baba Baba		N.001-012-2022/1	Consultant	Route Manager	false	false	false	false	CREATED	Approved	Approved	Submit
Baba Baba		R.072-020-2018/2	Consultant	Capture User	true	false	false	false	CREATED	Approved	Approved	Submit

1

1

FIGURE 3: USER APPROVAL

Approval Outcomes:**1. Approved Requests:**

- If the user's profile has already been created in ITIS, the requested permissions and roles are immediately assigned upon approval.
- If the profile is yet to be created, the permissions will be automatically applied once the user request is finalized through the **User Request Approval** section.
- This ensures a seamless integration of user access rights into the system.

2. Declined Requests:

- Declined requests are removed from the pending list and will not be processed further unless resubmitted.

Login

To gain access to ITIS 5.1

- vi. Log into Citrix
- vii. You will see two icons:
 - ITIS Production (ITIS 5.1)
 - ITIS QA (ITIS 5.1 Quality Assurance System)
- viii. Click on ITIS > ITIS Production

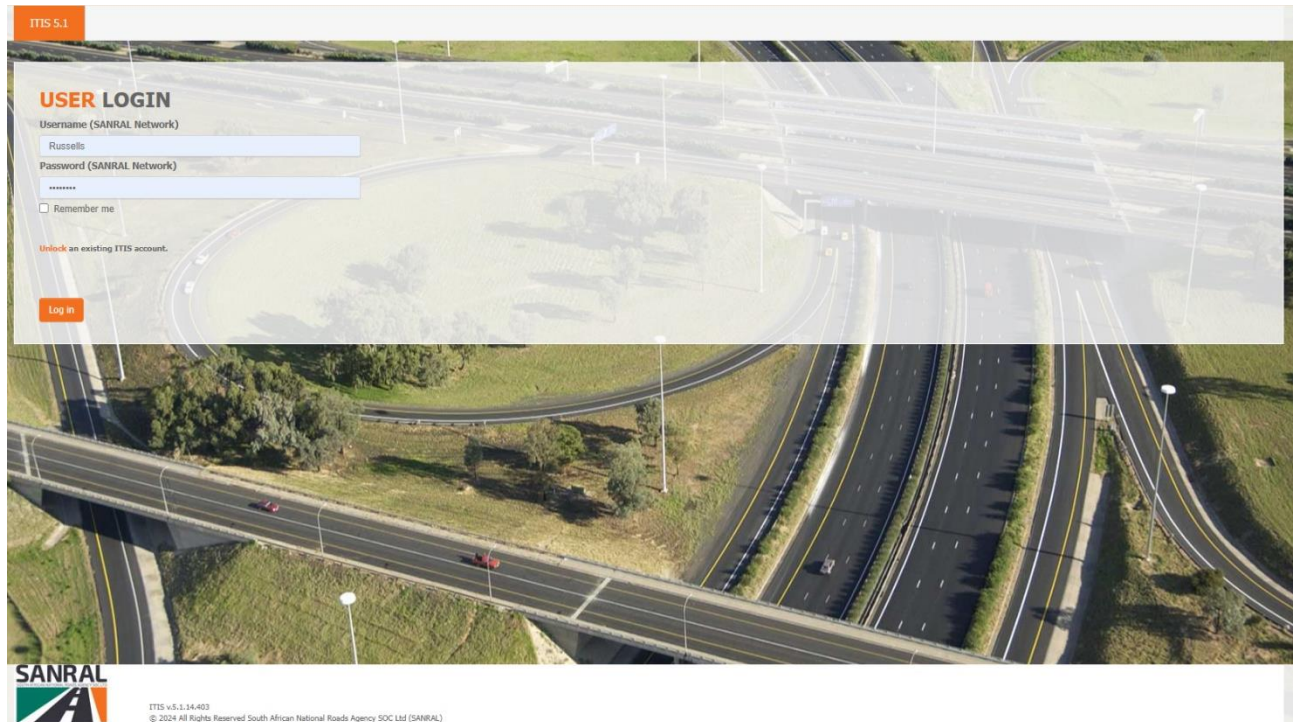


FIGURE 3: ITIS 5.1 LOGIN

- ix. Once the ITIS 5.1 landing page has loaded (Figure 1: ITIS 5.1) enter your SANRAL network user name and password
- x. Click on Login

Once logged in, the ITIS 5.1 user interface will be presented. Figure 2 shows the interface with the three main sections highlighted in red (main menu, content list and content area). Please note that your module list might differ as it is dependent on your security permissions. Should you not find a required module, please send a request to ITIS support to assign you the relevant permission.

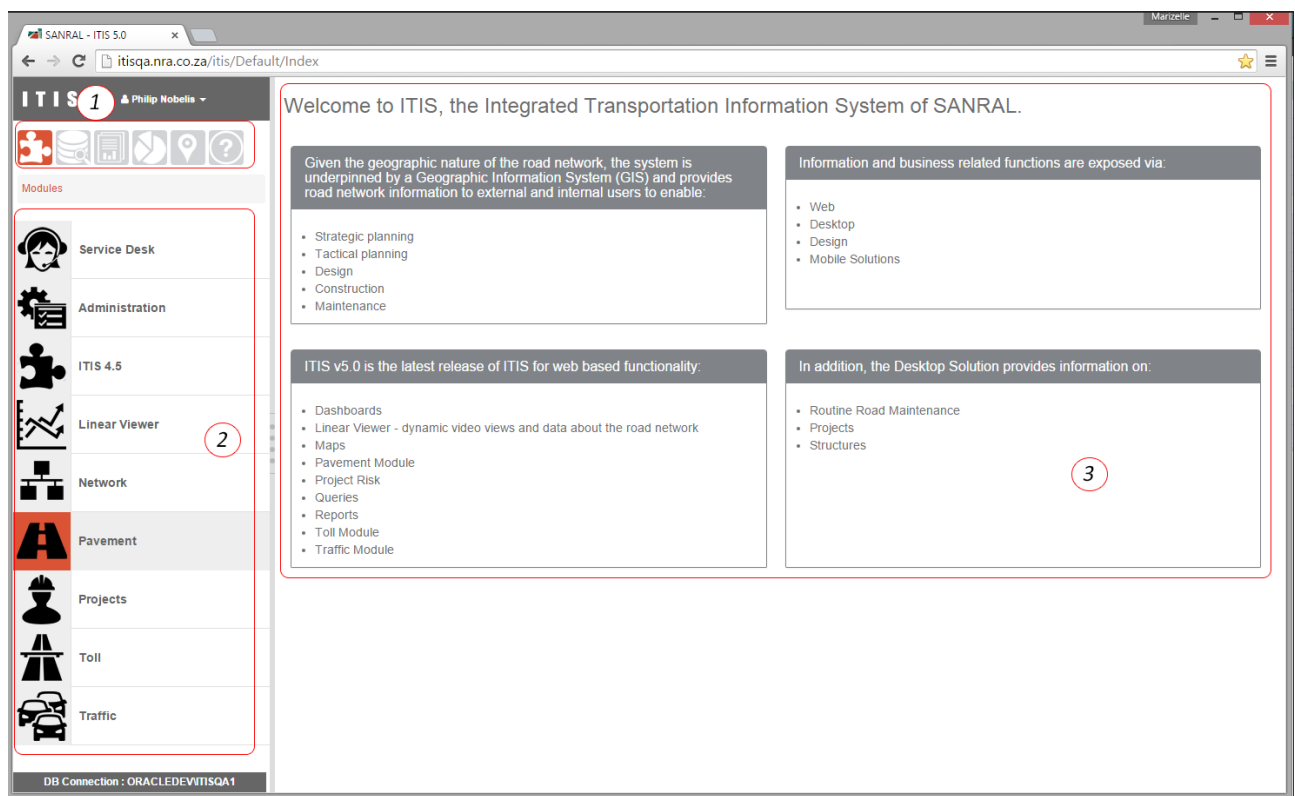


FIGURE 4: OVERVIEW

1. Main Navigation Menu: This is the main menu navigation bar with the following options:



- 2. Content List:** Content is listed here depending on the module or content type chosen on the main navigation menu. Clicking on content can load new content into the content area or can load a list (of new content). Should a new content list be loaded a breadcrumb path will be shown above (red text under the navigation bar). Clicking on any part of the bread crumb path navigates you back to the relevant location.
- 3. Content Area:** The relevant content is loaded within this space. It depends on what was selected in the content list. Each of the main menu items will be discussed in detail below.

Queries

Use the queries page to run a data query.

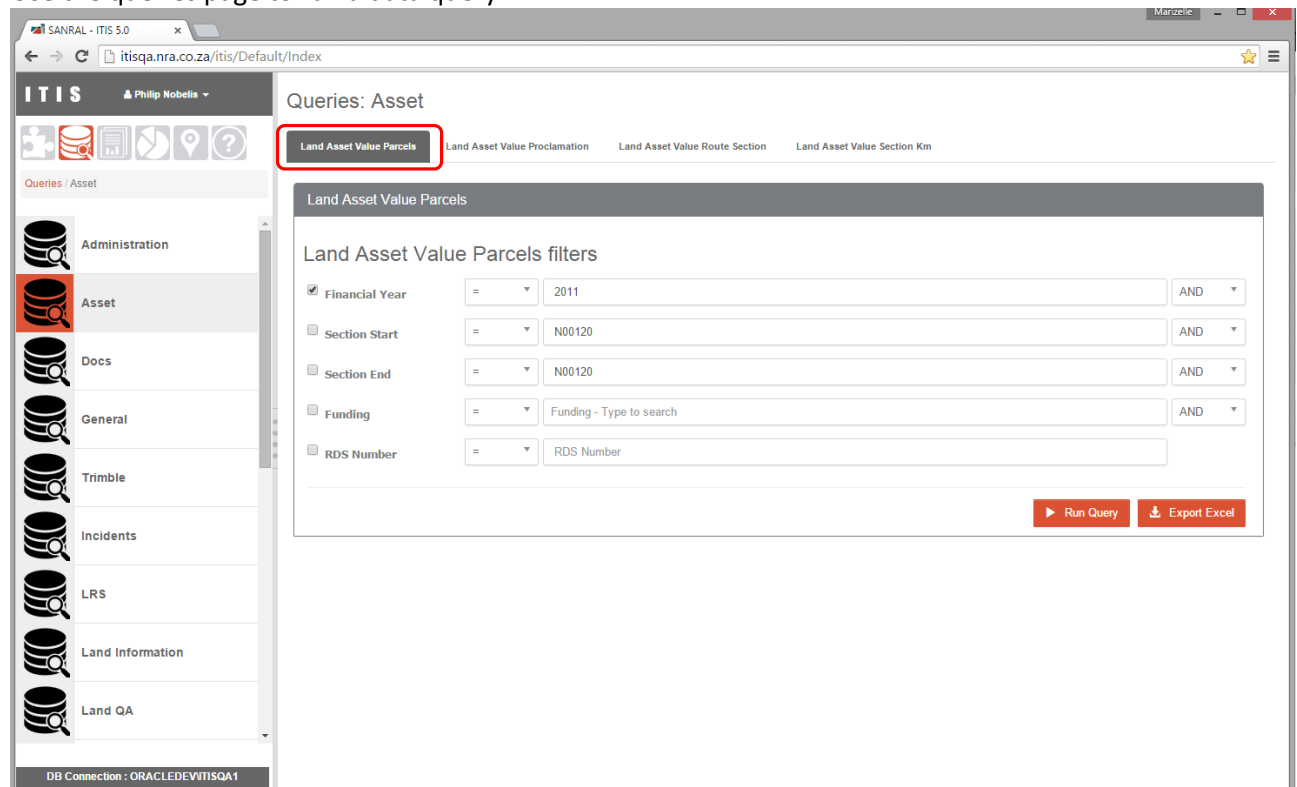


FIGURE 5: QUERIES

1.1. Run a Query

- i. Click on Queries (Figure 2: No 1 Main Menu)
- ii. Click on the system you wish to run a query on, like Asset (Figure 2: No 2 Content List)
- iii. Select the Asset query you wish to run, like Land Asset Value Parcels (Figure 3: Queries)
- iv. Capture required parameters
- v. Click on Run Query

NOTE: The information available on the queries window will depend on your permissions.

*If you get a Pop-up notification when running a query for the first time, please refer to *Section 14 – Troubleshooting*.

Reports

The reports tab gives you access to a multitude of reports grouped by system and category. The sections below show you how to find and execute reports.

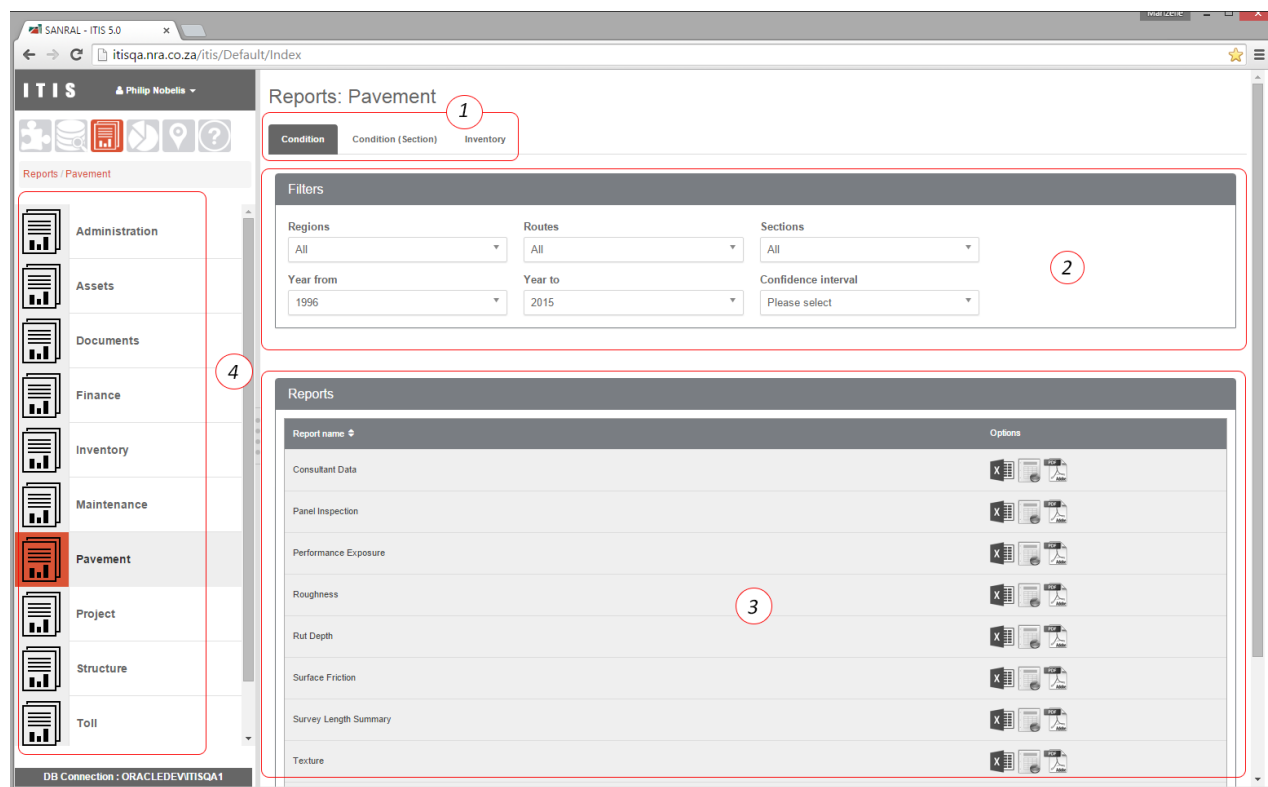





FIGURE 6: REPORTS

1.2. Run a Report

- Click on Reports (Figure 2: No 1 Main Menu)
- Click on the system you wish to run a query on, like Pavement (Figure 4: No 4)
- Select the report grouping like Condition (Figure 4: No 1 Report Groupings)
- Capture required parameters (Figure 4: No 2 Report Filters)
- Click on a report type    next to the report to run the report (Figure 4: No 3 Reports)

NOTE: The information available on the reports window will depend on your permissions.

1.3. Report Types

A report can be run and exported in the following formats:



Excel report
Web report
PDF report

NOTE: The report types available depend on the report itself.

*If you get a Pop-up notification when running a report for the first time, please refer to *Section 14 – Troubleshooting*.

Dashboards

Use the dashboard page to view available dashboards.

Dashboards provide at-a-glance views of key performance indicators relevant to a particular business process. The term dashboard originates from the automobile dashboard where drivers monitor the major functions at a glance via the instrument cluster. Dashboards indicate the state of a business process - letting the user know something is wrong or something is right. There are four key elements to a good dashboard. It is:

- Simple, communicates easily;
- Uncluttered;
- Supports organized business with meaningful and useful data, and
- Visual



FIGURE 7: OVERVIEW DASHBOARD

To access the Dashboards:

- Click on Dashboards (Figure 5: No 4)
- Click on the dashboard you want to view (Figure 5: No 5)

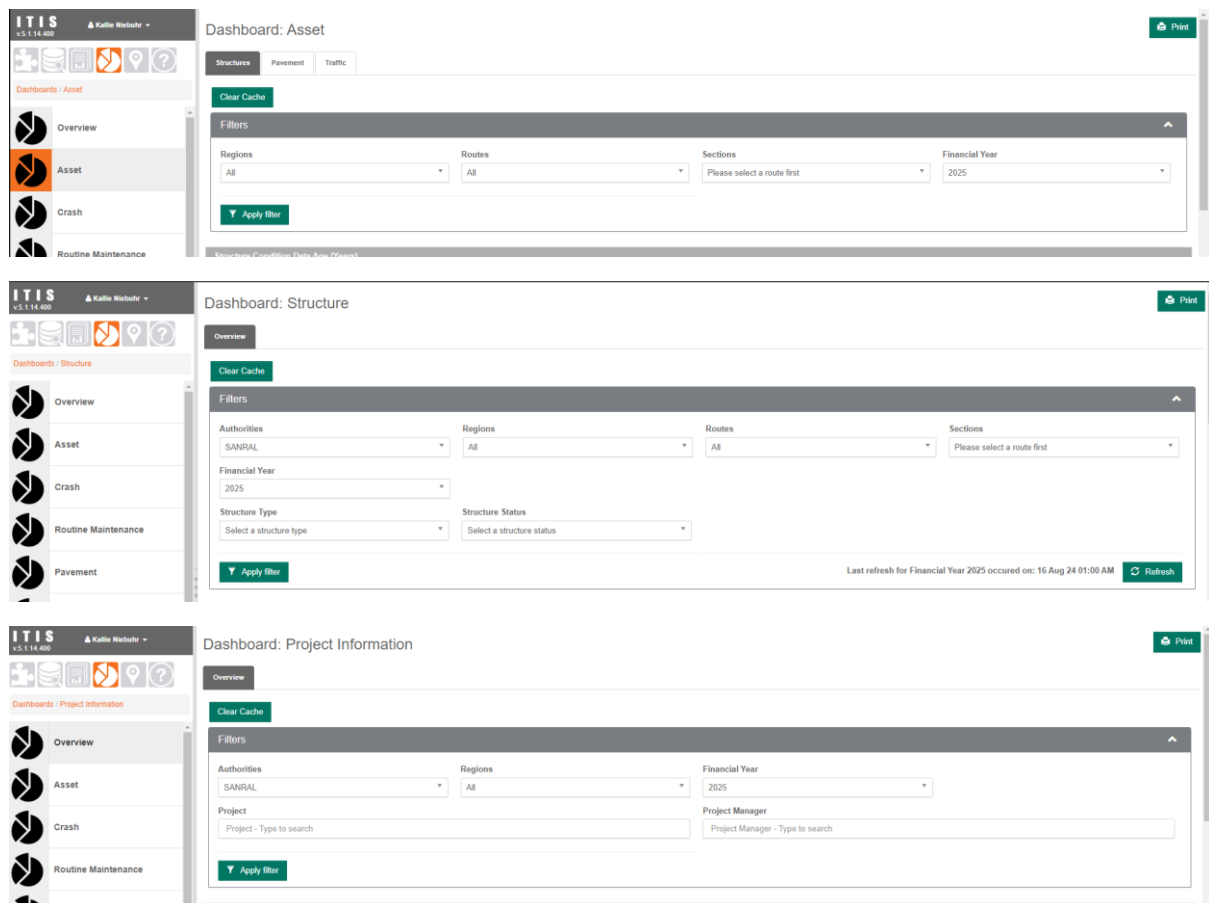
1.4. Available Dashboards

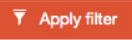
Currently the following dashboards are available:

- Overview
- Asset
- Crash
- Routine Maintenance
- Pavement
- Project Information
- Project Detail
- Project Risk
- Structure
- Traffic

1.5. Filters

The information on a dashboard can be filtered by Authorities/Route/Sections you are associated with, and/or a specific year. Each Dashboard has different filters.



- Select the relevant filter items from the dropdowns
- Click on Apply  to update the data on the dashboard

1.6. Crash Dashboard

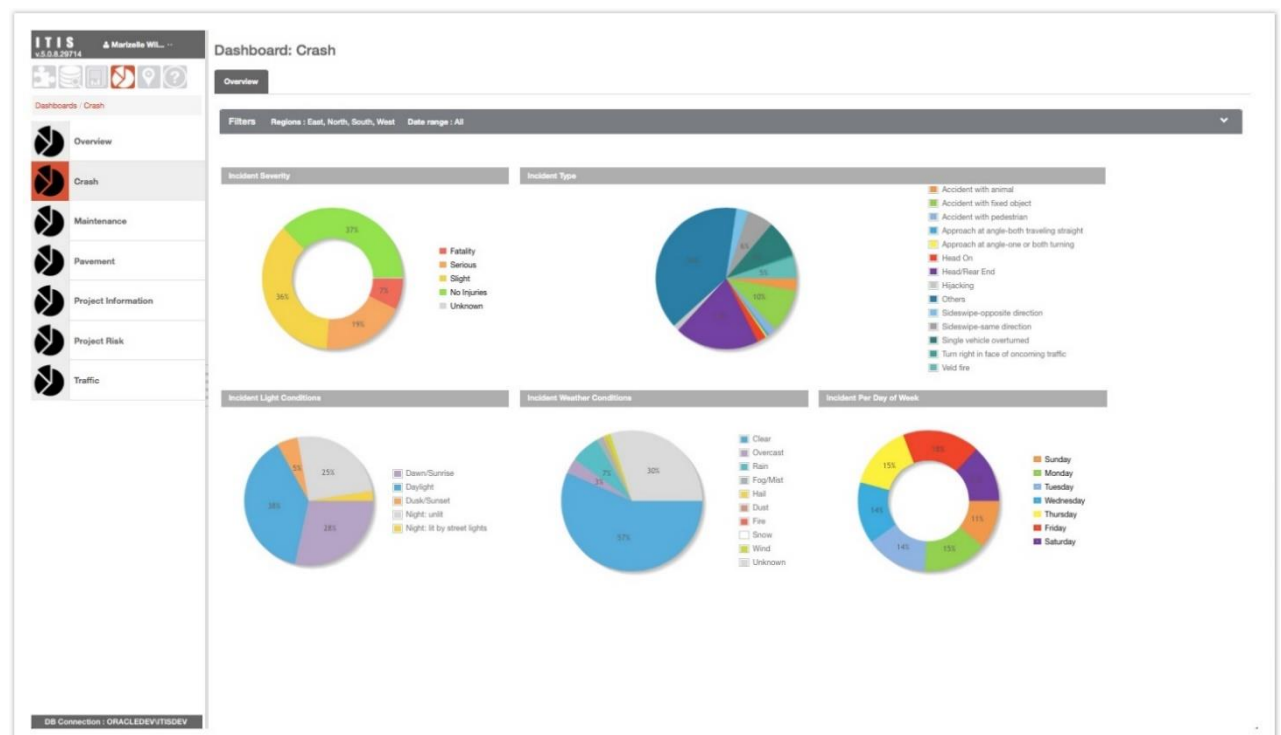


FIGURE 8: CRASH DASHBOARD

The following information is available on the Overview tab:

- Incident Severity
- Incident Type
- Incident Light Conditions
- Incident Weather Conditions
- Incident per Day of Week

NOTE: Information on this dashboard is cached and the cached data refreshes every 4 hours.

1.7. Project Risk Dashboard

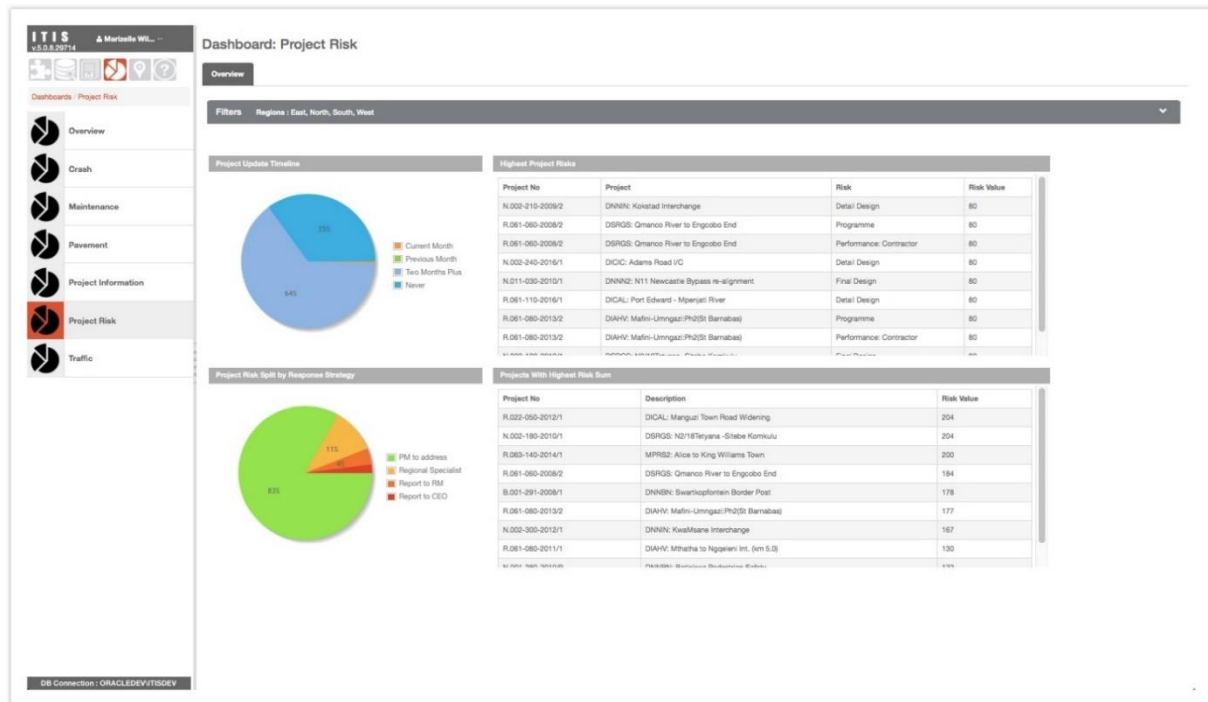


FIGURE 9: PROJECT RISK DASHBOARD

The following information is available on the Overview tab:

- Project Update Timeline
- Highest Project Risks
- Project Risk Split by Response Strategy
- Projects with Highest Risk Sum

NOTE: Information on this dashboard cannot be filtered according to a timeframe. Information on this dashboard is cached and the cached data refreshes every 4 hours.

1.8. Pavement



FIGURE 10: PAVEMENT DASHBOARD

The following information is available on the Overview tab:

- Pavement Overall Condition (OCI)
- Pavement Age - Base Layers (Years)
- Pavement Age - Surface Layers (Years)
- Pavement Roughness (Left Wheelpath IRI m/km)
- Pavement Rut Depth (Left Wheelpath Rut mm)
- Pavement Macrotexture Depth (Left Wheelpath MPD mm)
- Pavement Base Type
- Pavement Surface Type
- Pavement Condition Date Age (Years)

1.9. Traffic

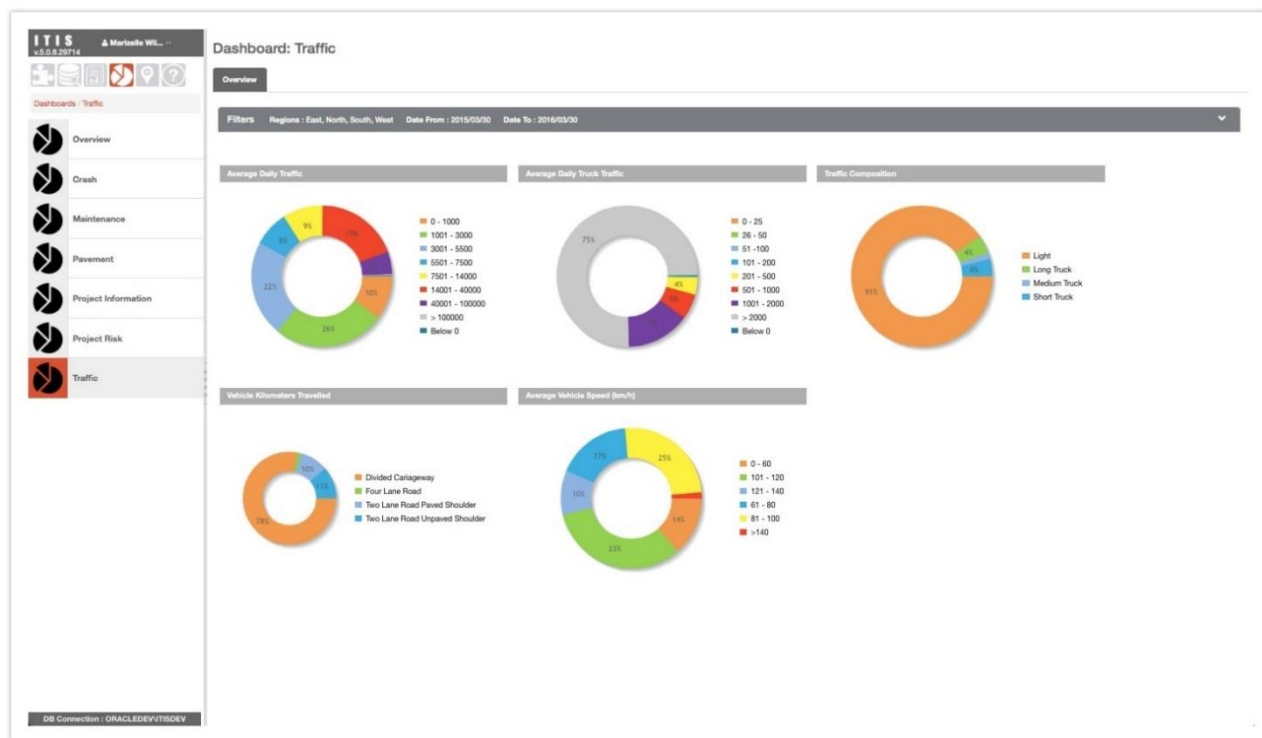


FIGURE 11: TRAFFIC DASHBOARD

The following information is available on the Overview tab:

- Average Daily Traffic
- Average Daily Truck Traffic
- Traffic Composition
- Vehicle Kilometers Traveled
- Average Vehicle Speed

1.10. Project Information



FIGURE 12: PROJECT INFO DASHBOARD

The following information is available on the Overview Tab:

- SMME Number
- SMME Expenditure


- SMME Expenditure per Project Type
- No of Job Opportunities
- Full-time Equivalent Jobs
- No of Job Opportunities per project Type
- Trainees
- Trainees / Project Type

Maps

1.11. Introduction

ITIS Maps simplifies the process of finding, connecting to, and displaying spatial data published through Web services. It enables smooth browsing through intuitive navigation controls and technical advances such as asynchronous communication, which ensures that panning and zooming are not interrupted by waiting for servers to respond. The client's utility is enhanced by additional tools such as measuring area and distance, controlling the appearance of individual map layers, and saving and recalling the current map context.

1.12. Getting started with Maps.

Log on to <http://itisprod.nra.co.za/itis> and click on the Maps icon (). ITIS Maps will open in a new tab. You will begin on the home page:



Click on the log in button (circled above) and provide your SANRAL login credentials. You will then be returned to the home page. Scrolling down will show the different maps available to you. Find the one most appropriate for you (or for general uses, use the SANRAL map), then click on the “Launch” button as shown below:

SANRAL

This portal gives an overview of SANRAL data in a general scope, for uses not served by the more specialized portals.



[Launch »](#)

Structures

This portal is a collection of data focused on SANRAL structures, with overviews of structure positions and maintenance status, checks to confirm the integrity of structures data, and general data on properties and routes to give context.



[Launch »](#)

Pavement

This portal is a collection of data focused on SANRAL-maintained pavement, with information on pavement age and time since resurfacing, physical conditions, visual conditions, and general data on properties and routes to give context.



[Launch »](#)

Land

This portal is a collection of data focused on land affecting and affected by the road network, including information on past land asset valuations, land acquisitions, cadastral data, property ownership data, SANRAL leases, quarries and borrowpits, the gazetted road reserve, SANRAL's jurisdiction and properties with potential for development of advertising infrastructure.



[Launch »](#)

Inventory

This portal is a collection of data focusing on details relating to SANRAL's general road infrastructure. This includes information on infrastructure location, lane counts and directions, road shoulder materials and type, signage and checks to verify the condition of the inventory data.



[Launch »](#)

Community

This portal is a collection of data focusing on details relating to Community Projects.



[Launch »](#)

1.13. Maps Interface

Maps contains the following user interface elements:

- Steering Panel (Side Bar)

- Toolbar

- Map Window

- Search result Panel

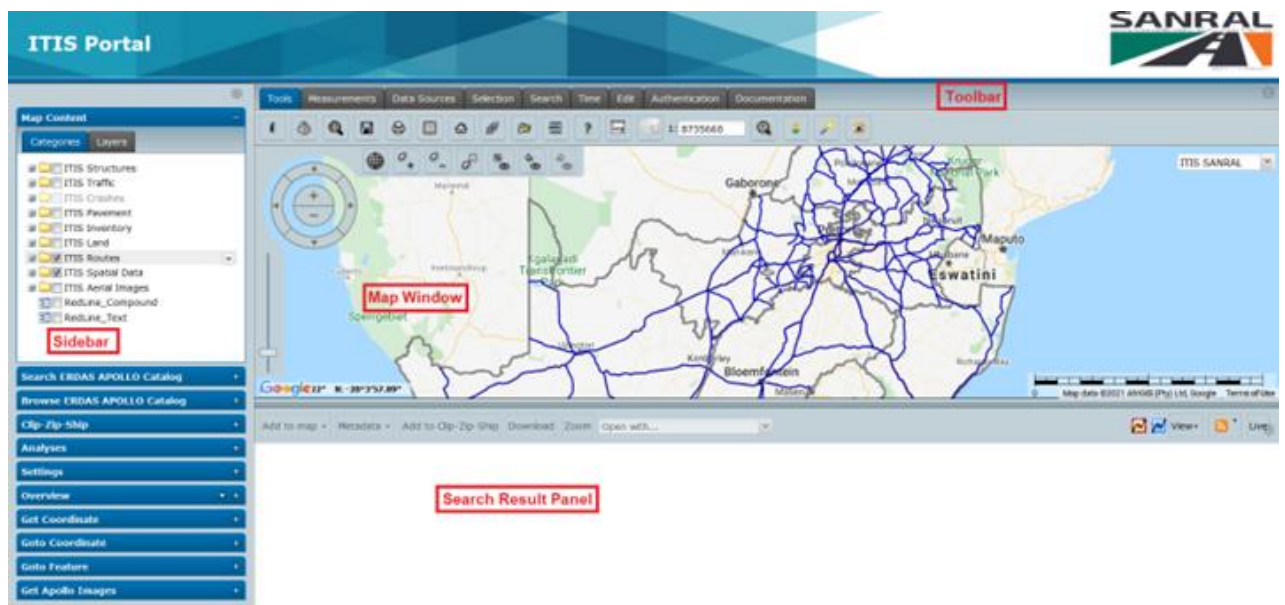


FIGURE 24: MAPS INTERFACE

1.13.1. Sidebar

With tools grouped on the sidebar you can do the following:

- Manage Map Content
- Browse Apollo Catalog
- Get Coordinates
- Goto Coordinates
- Goto Features
- Get Apollo Images
- Find chainage km at any point on a road (LRS Tool)

1.13.2. Toolbar

The toolbar consists of the following tabs where special options and functions are grouped:

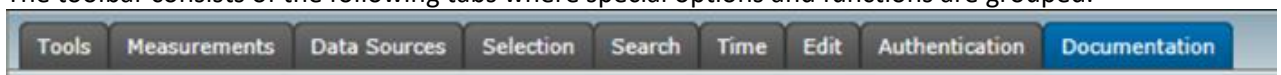


FIGURE 26: TOOLBAR

Data Sources



FIGURE 27: DATA SOURCES

The data source allows you to access data from various Service Sources. Data is stored in service sources which can be seen by clicking on the icon as shown above.



Show Data Source: Shows you all the data sources available.



Define Data Source: Allows you to add a new data source.



Display Maps: Used to add new maps.



Display Feature Classes and Queries.



Clear Map.

Tools

FIGURE 28: TOOLS



Location: When this icon is clicked it will take you to your position at the time of use. This feature uses the location mechanism of the Web browser in which the Geospatial Portal is run. Location depends on the algorithms used by your specific Web browser and applied device settings, particularly on mobile devices where the location can be based on GPS and/or Wi-Fi & mobile network. Note that the site needs to be granted location access to use this function, by default you should get a prompt from your browser asking for this.



Feature Info: Clicking this icon, then clicking once on a point, will show attributes for all underlying features.



Overview Window: This icon creates an overview window in the bottom right-hand corner of the map window for reference purposes. (This Feature is replaced by the Overview window found on the sidebar)



Data Window: Shows a menu displaying feature classes and attribute values for selected data sources



Scale Bands Configuration: The scale at which certain features must appear can be configured here. The portal is setup in such a way that when one is at a scale above 10000000 the map feature will not display and therefore will be greyed out. For optimum use ensure that you are always at a scale below 1000000.



User Maps: This icon opens a menu where the current map session can be saved to a file, or a saved file can be loaded to restore a session.

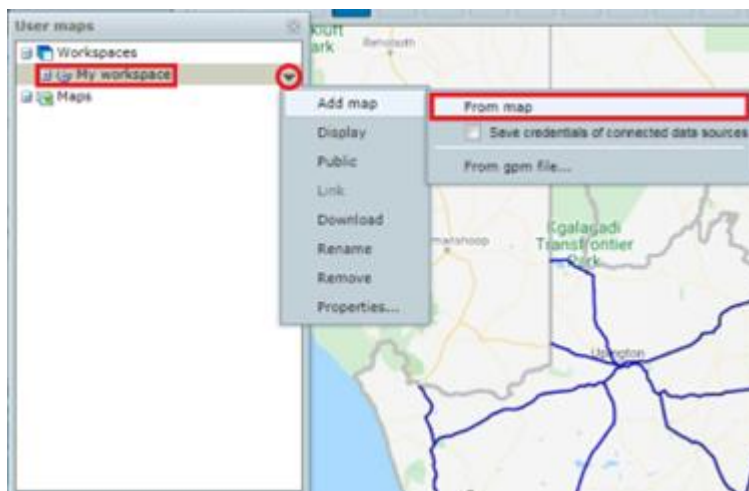


FIGURE 29 SAVING A MAP

The workspace will then be saved as **My workspace**. To download the saved map, click on the drop down of **My workspace** and then **download**. The map will be saved as a **gpm**. File in the file directory of your choice.

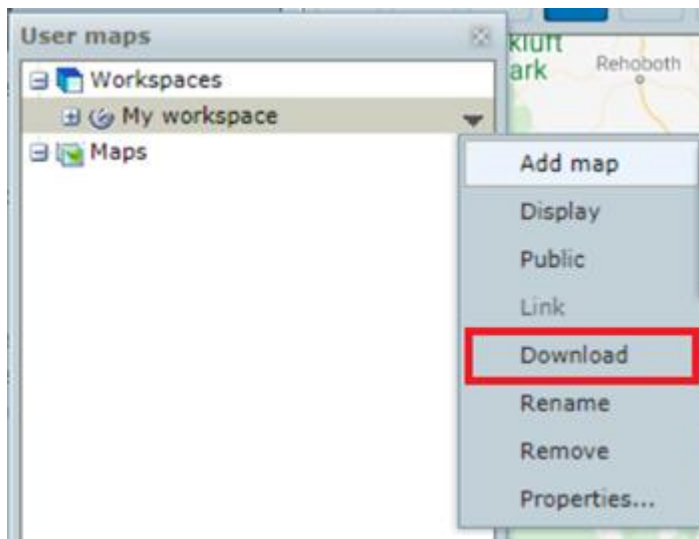



FIGURE 30 DOWNLOAD MAP

To load a saved map: click on the load icon , click on the dropdown of Workspace, Add and then click on the from **gpw file**. Browse to the gpw file and click on open.



WMC: Tool exports all the data currently in the map window to allows importing that data to webmaps.



Print Map: Prints an image of the current map, which can be saved.



Notification History Window: When using the portal and an unknown error is observed it can be useful to see in the log files of the portal the description of the error. Support may ask for these details.



Drag and drop shape files in the window which will open if you click on this icon to view on the map. It is important that when shapefile is dragged and dropped that the *shp*, *dbf*, *prj* and *shx* files must all be imported.



Set Map Scale: Allows you to define and set the scale you want the web map to be at.



About: The version of webmap software. The map-specific user guide can also be found here.



Google Street View on selected Location: After clicking this and then a road will open the Google Steetview at that point.



Shutter Tool: Compare Top two raster Layer.

To compare two raster layers using the Shutter Tool make sure **the two raster files you are going to use are on top** in the **Layers Tab** under the Map content.

Follow steps of moving raster datasets to the top as described under the Swipe Tool
When all the raster datasets you wish to use are on top.



Click on the Shutter tool Icon to start comparing the two raster images:
You will see the Map window will interchangeably flash/shutter the two images on the map window.






Click the Shutter Tool Icon to end the process.

1.13.3. Selection



FIGURE 35: SELECTION

This tool gives you the ability to select features by its coordinates, , by drawing a line over numerous features, , selecting all features within the drawn polygon, , selecting features within a block

drawn, , copy selected features, , and clearing selection, .

N.B When using the Selection Tool to copy features make sure that all the other Layers are off (Unticked from the Layers Tap) except the layer you want to copy features from.

Edit

The edit function on the toolbar is explained in the dedicated maps manual under **Redlining**.

Time

In the **Map Content** there is an **ITIS Crashes** Category which contains a ***fatal crashes layer***. When this layer is on, the timeline of all crashes can be observed.



FIGURE 36: TIME TOOLBAR

A specific date can be selected by clicking on the calendar icon, , or by dragging the timeline button by clicking, holding and dragging motion.

Measurements

Measurements can also be done in the map window.



FIGURE 37: MEASUREMENTS



Show Coordinates: By clicking on this icon and then clicking once on the map the coordinates for that point will be shown in meters.



Measure Distance: This tool can be used to measure linear distances. Click the icon, and then on the **Map window** click the linear feature of interest when you get to the end point of the feature double click anywhere to complete the measurement and the distance of that feature will display on the line you just measured.



Measure Area: This tool measures the length of a polygon feature, Click the icon, and then on the **Map window** click the Polygon feature of interest when you get to the end Polygon of the feature double click anywhere to complete the measurement the distance and area of the polygon will display alongside and inside the polygon respectively.



Clear Measure: By clicking on this icon your measurements will clear from the **Map Window**.



Show/Hide measurements: Toggles the visibility of labels with the values for the measured objects.

Search



FIGURE 38: GOOGLE SEARCH

The search functionality sources information from Google Maps database and therefore allows a user to search for addresses or landmarks, such as “Pretoria”, “SANRAL Head Office” or “Gariep Dam”. To search for any specific location, one can type the name in the search command and execute by clicking enter.

Authentication

You must be an authorized ITIS user to use the capabilities of the web map.

Logged user: **naudes** [Edit profile](#) [Log out](#)

[Edit profile](#)

When clicked allows user to change their password and email address.

[Log out](#)

When clicked allows user to log out

Documentation

The **Manual button** will redirect you to the dedicated Maps User manual in Confluence.

1.13.4. Map Window

The Map Window displays all spatial data. It consists of the following elements:

Map Window: Displays all the layers that make up the map.



FIGURE 39: MAP WINDOW

Navigator: Lets you navigate on the map and change the map scale. Navigator is displayed in the upper-left corner of the map window. The arrows control the movement of the map and the +: Zoom In and -: Zoom Out icons.



FIGURE 40: NAVIGATOR

Coordinates: Shows the coordinates of the site indicated by the cursor. The coordinates are displayed in the lower-left corner.

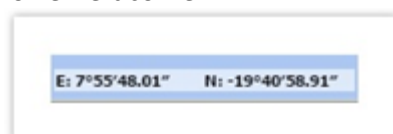


FIGURE 41: COORDINATES

Scale Bar: Lets you estimate distances on the map. The scale bar is displayed in the lower-right corner of map window.

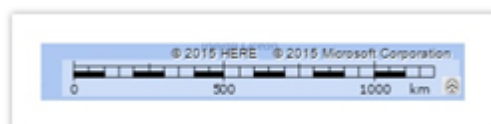






FIGURE 42: SCALE BAR

1.13.5. Optimizing Display

The Map Window can be enlarged by hiding the **Map Content Sidebar** and **Map Logo Bar** by clicking on the following buttons:

Map Content Side Bar ( or ) found in the upper right-hand corner of the side bar:



Map Logo Bar ( or ) found in the upper right-hand corner of the Toolbar:





1.14. Navigating the 2D Map

You can use one of the following methods to navigate the map in 2D mode:

Pan around with a mouse: To move the map, hover over the map window. Click and hold the left mouse button to move the map. Release the mouse button to finish and to set a new view.

Use the **Navigator**: Hover over the Navigator (Figure 15) and click the Navigator buttons to move the map in four directions (N, E, S, W)

Click Previous map View  and Next map view  to return to a previous view or go to the next.

Double click anywhere on map, when mouse cursor is in the arrow state, to pan to that area.

1.14.1. Changing the Scale

You can change the scale of the map in several ways, as follows:

Use Zoom in or Zoom out on the Navigator toolbar:

Click  to zoom in.

Click  to zoom out.

Use the *Navigator Slider*. To zoom in move the slider up. To move out, move the slider down (Hover mouse on left side below Navigator to display the Slider)

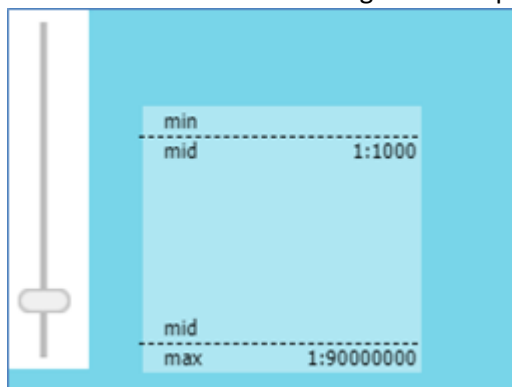




FIGURE 44: NAVIGATOR SLIDER

Use *Zoom by Rectangle*  to draw a rectangle on the map. The map fits to the drawn shape
Use the mouse wheel button. Roll the wheel up to zoom in, roll the wheel down to zoom out.
To restore the default map view click *Fit All* 

1.15. Learning More About Maps

ITIS Maps has a dedicated manual which can help you to discover the extent of what the site has to offer, and to help solve common problems you might encounter. The manual is a searchable PDF file with an interactive table of contents.

This **manual** is accessible on far-right side of the toolbar, under the **documentation** tab:

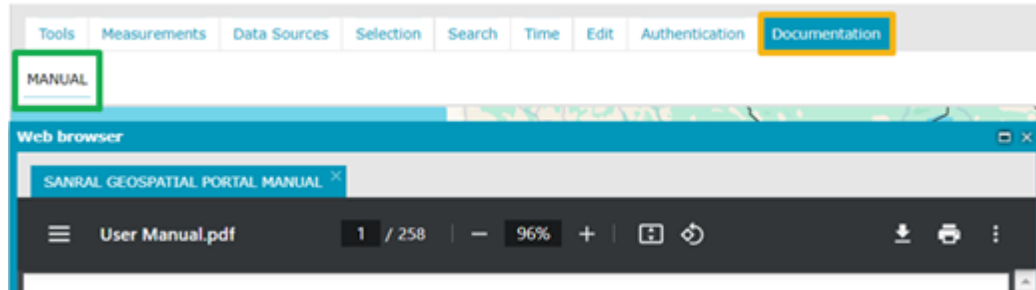




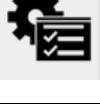

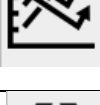



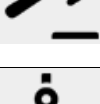
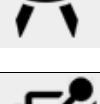










FIGURE 45: ACCESSING DEDICATED MAPS MANUAL.

Modules

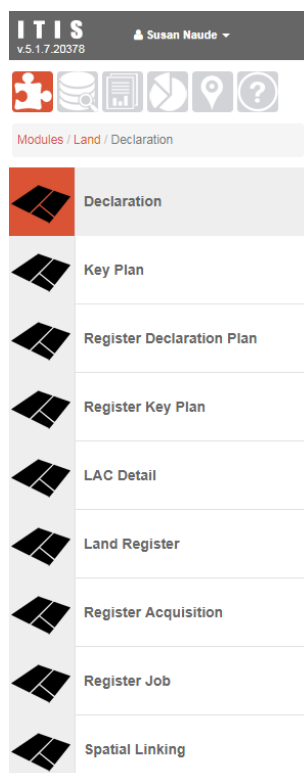
When you log into ITIS your default landing page are Modules with an overview of the ITIS system. Modules represent systems within ITIS. When you click on a module it loads on the current page or if required in a new tab. It is important to note that ITIS is listed as a module. Clicking on it will open a new browser tab into which the 4.5 version will be loaded, and you will automatically be logged in. ITIS 5.1 Modules are listed below:

	Administration
	Security Role Templates
	Authority Management
	Role Management
	Organization
	ITIS 4.5
	Linear Viewer
	Pavement
	Projects
	Lab Management
	Project Authority
	Project Geometry
	Project Memorandum

	Project Network
	Project Risk
	Project Security
	Toll
	Traffic
	Abnormal Days
	Station Management

NOTE: The modules you see on your interface depend on your permissions. If you do not see a module you require then please send an email to itisissues@nra.co.za requesting access.

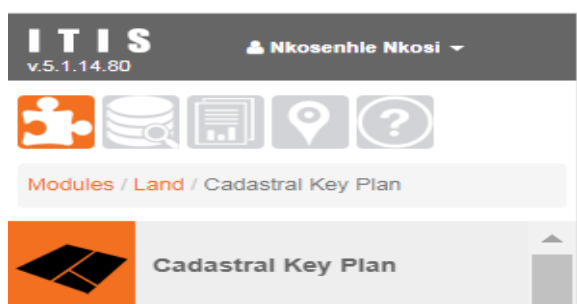
Each of the above modules is discussed in detail with the “Land Modules” as an example.




1.16. Land Modules


1.16.1. Cadastral Key Plan

Click on the Cadastral Key Plan icon under the land modules.





 Search Cadastral Key Plan

1. A record can be searched for or added. Click on  to search for records according to any of the following attributes: Plan type and/or Plan number.

Cadastral Key Plan 

Search





Type Borrow Pit	Plan Number Please select	CSO Job Number Please select
LAC Project Please select	SAP Project Please select	Coordinate System Please select
QA Status Please select		


 Search Cadastral Key Plan  Add Cadastral Key Plan

2. Under the Search button the relevant details will appear.

Cadastral Key Plans		Sections					
ID	Plan Type	Plan Number	Plan Ref Number	Plan Desc	CSO Job Number	LAC Project	SAP Project
1223	Cadastral	RP6808	RP6808/C	DOORNIPOORT TO PIENARSRIIVER	N1004	L00327 - EXISTING NETWORK	
1383	Cadastral	RP6823	RP6823/C	GELUK TO WITBANK	N1041	L00382 - EXISTING NETWORK	
1503	Declaration	RP6755	RP6755/D	RIETVLEI TO DUVENHAGESKRAAL(CAD KEY PLAN)	N1008.004	L00348 - EXISTING NETWORK	
1543	Declaration	RP6786	RP6786/D	POTGIETERSRUST TO DUVENHAGESKRAAL	N1011.004	L00350 - EXISTING NETWORK	
1583	Declaration	RP6737	RP6737/D	MIDDELFontein TO RIETVLEI(CADASTER KEY PLAN)	N1007.004	L00329 - EXISTING NETWORK	
5103	Declaration	RP6297	RP6297/D	KZN Border to Piet Relief	N1236.004	L01802 - INCORPORATED NETWORK	A 990-699-699/1
1203	Declaration	RP6812	RP6812/D	ERMELO TO OSHOEK	N1115	L00478 - INCORPORATED NETWORK	
1243	Declaration	RP6808	RP6808/D	KIMBERLEY TO WARRENTON	W4028.004	L00157 - INCORPORATED NETWORK	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 ... 26 1


- There are 4 buttons     next to a record.

- Click on the  button to view all the data related to the specific record.

3. When you click on the view button a new window will open where all the feature info and related data can be viewed.

View Cadastral Key Plan RP6455 (ID 6203)

Plan Type	Plan Number	Plan Reference Number	
<input type="text" value="Borrow Pit"/>	<input type="text" value="RP6455"/>	<input type="text" value="RP6455/B"/>	
Plan Description			
<input type="text" value="Citrusdal to Cederberg"/>			
Project Main Description			
<input type="text" value="Citrusdal to Cederberg"/>			
Project Sub Description			
<input type="text"/>			
Job Number	LAC Project Number	SAP Project Number	
<input type="text" value="W4132"/>	<input type="text" value="Please select"/>	<input type="text" value="Please select"/>	
Plan Date	Plan Scale		
<input type="text" value="2010/05/01"/>	<input type="text" value="10000"/>		
Plan Amendment	Checked By	Cadastral Compiled By	
<input type="text" value="Phuti"/>	<input type="text" value="Phuti"/>	<input type="text" value="Phuti"/>	
Coordinate System	CSO Completion Date	CSO Submitted Date	
<input type="text" value="WG 19 - Hartebeeshoek"/>	<input type="text"/>	<input type="text"/>	
Total Rural Distance	Total Urban Distance	Revised Distance	
<input type="text" value="0"/>	<input type="text" value="24.20"/>	<input type="text"/>	
Estimated Total Parcels	Estimated Affected Parcels		
<input type="text"/>	<input type="text"/>		
Notes			
<input type="text"/>			
QA Status	QA Comments		
<input type="text" value="Please select"/>	<input type="text"/>		
Date Added	User Added	Date Updated	User Updated
<input type="text" value="2010/06/10"/>	<input type="text" value="Raymond Brown"/>	<input type="text" value="2010/06/14"/>	<input type="text" value="Raymond Brown"/>

4. You can edit the record by clicking on the  **Edit** button.

Edit Cadastral Key Plan RP6455 (ID 6203)

Plan Type	Plan Number	Plan Reference Number	
<input type="text" value="Borrow Pit"/>	<input type="text" value="RP6455"/>	<input type="text" value="RP6455/B"/>	
Plan Description			
<input type="text" value="Citrusdal to Cederberg"/>			
Project Main Description			
<input type="text" value="Citrusdal to Cederberg"/>			
Project Sub Description			
<input type="text"/>			
Job Number	LAC Project Number	SAP Project Number	
<input type="text" value="W4132"/>	<input type="text" value="Please select"/>	<input type="text" value="Please select"/>	
Plan Date	Plan Scale		
<input type="text" value="2010/05/01"/>	<input type="text" value="10000"/>		
Plan Amendment	Checked By	Cadastral Compiled By	
<input type="text" value="Phuti"/>	<input type="text" value="Phuti"/>	<input type="text" value="Phuti"/>	
Coordinate System	CSO Completion Date	CSO Submitted Date	
<input type="text" value="WG 19 - Hartebeeshoek"/>	<input type="text"/>	<input type="text"/>	
Total Rural Distance	Total Urban Distance	Revised Distance	
<input type="text" value="0"/>	<input type="text" value="24.20"/>	<input type="text"/>	
Estimated Total Parcels	Estimated Affected Parcels		
<input type="text"/>	<input type="text"/>		
Notes			
<input type="text"/>			
QA Status	QA Comments		
<input type="text" value="Please select"/>	<input type="text"/>		
Date Added	User Added	Date Updated	User Updated
<input type="text" value="2010/06/10"/>	<input type="text" value="Raymond Brown"/>	<input type="text" value="2010/06/14"/>	<input type="text" value="Raymond Brown"/>

- And then click on  button when you have edited the data.

5. You can delete the record by clicking on the  button to view the full details of the record. Ensure it is the right record you wish to delete:

Delete Cadastral Key Plan RP6299 (ID 6207)

Cannot delete this Cadastral Key Plan as it has sections attached, please remove all sections first before deleting the record...

Plan Type Borrow Pit	Plan Number RP6299	Plan Reference Number RP6299/B
Plan Description Bloemhof to Wolmeranstad		
Project Main Description Bloemhof to Wolmeranstad		
Project Sub Description		
Job Number N1322	LAC Project Number Please select	SAP Project Number Please select
Plan Date 2010/02/01	Plan Scale 7500	
Plan Amendment Phuti	Checked By Phuti	Cadastral Compiled By Phuti
Coordinate System WG 25 - Hartebeeshoek	CSO Completion Date	CSO Submitted Date
Total Rural Distance 15.95	Total Urban Distance 0	Revised Distance
Estimated Total Parcels	Estimated Affected Parcels	
Notes		
QA Status Please select	QA Comments	
Date Added 2010/06/10	User Added Raymond Brown	Date Updated 2010/06/17
		User Updated Raymond Brown

6. Click on  to view section details.

Cadastral Key Plans

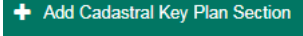

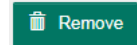


Sections

Cadastral Key Plan Section Detail - Cadastral Key Plan ID 6203: RP6455 - RP6455/B - W4132 - Citrusdal to Cederberg

Remove All

+ Add Cadastral Key Plan Section

ID	OSM Section	Start Distance	End Distance	Date Added	User Added	Date Updated	User Updated	Options
3593	N00703N Okm (1st Junction to MR230 Near Moonsburg) - 126.795km (Junction with TR 23 at Pikelberg)			2010/10/28 11:35:02 AM	System ITIS			<div>Edit</div> <div>Remove</div>
1	1							


- Click on  to add a new cadastral key plan section.
- Click on  to remove all sections
- Click on  to remove a single section only
- Click on  to edit the key plan section and once all the fields have been edited click on .

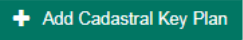
Edit Cadastral Key Plan Section Entry ID 3593

Cadastral Key Plan	OSM Section
RP6455 - RP6455/B - W4132 - Citrusdal to Cederberg	N00703N 0km (1st Junction to MR230 Near Moorreesburg) - 126.795km (Junction with TR 23 at Piketberg)
Start Distance	End Distance
Date Added	User Added
2010/10/28	System ITIS
Date Updated	User Updated

Update Cadastral Key Plan Section

Close

-Click on  if you wish to quit editing, the edit modal will close

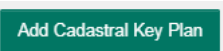

- On button  click, all the particulars for the new cadastral key plan that have to be completed pop up. Plan type and Plan number are compulsory.
 - Complete the form on the tab.

Add Cadastral Key Plan

Plan Type	Plan Number	Plan Reference Number
Please select	Please select	
Plan Description		
Project Main Description		
Project Sub Description		
Job Number	LAC Project Number	SAP Project Number
Please select	Please select	Please select
Plan Date	Plan Scale	
Plan Amendment	Checked By	Cadastral Compiled By
Coordinate System	CSO Completion Date	CSO Submitted Date
Please select		
Total Rural Distance	Total Urban Distance	Revised Distance
Estimated Total Parcels	Estimated Affected Parcels	
Notes		
QA Status	QA Comments	
Please select		

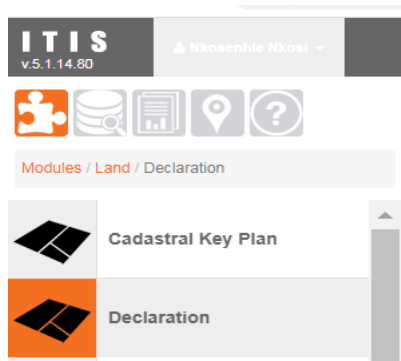
Add Cadastral Key Plan


Close


- Once completed click on  again to save the new record.
- Click on  to close the form.

1.16.2. Declaration

1. Click on the declaration icon under the land modules.

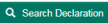



2. A record can be searched for or added. Click on  to search for records according to any of the following attributes: Declaration number, Declaration Plan, Declaration Type, Gazette Number, Declaration status and/or Declaration usage.

Declaration Detail 


Search

Declaration Number <input type="text"/>	Declaration Plan Please select	Declaration Date From <input type="text"/>	Declaration Date To <input type="text"/>
Gazette Number <input type="text"/>	Declaration Type Please select	Municipality Please select	Status Please select
DM Number <input type="text"/>	Usage Please select		

3. Under the Search button the relevant details will appear.

ID	Declaration Number	Declaration Type	Declaration Date	Declaration Status	Declaration Usage	Plan Number	From Desc	To Desc	Gazette No	DM Number	Options
3400	503/2015	Coordinates	01 Jul 2015	Published	Current	P548/05	TOUWS RIVER	LINGSBURG	38940	2003767	  
3380	263/2008	Coordinates	07 Mar 2008	Published	Current	P598/06	RIVERSDALE	MOSELBAY WEST VC	30840	66309	  
3302	773/2007	Coordinates	24 Aug 2007	Published	Current	P583/06	NS	COPMVA	30217	62764	  
3301	748/2007	Coordinates	24 Aug 2007	Published	Current	P582/06	VAN REEMEN	MEUL RIVER	30197	62761	  
2920	667/2006	Wording	07 Jul 2006	De-Declaration	Current		GRABOUW	SWELLENDAM	28987		  
2900	726/2006	Wording	28 Jul 2006	Published	Current		WARRENTON	NORTHERN CAPE BORDER	29063		  
2882	750/2007	Coordinates	24 Aug 2007	Published	Current	P976/06	BLANDSCROFT	KRAALHOEK	30204	62793	  
2800	T8A-R080/06	Coordinates		Draft	Current	P580/06	MODDER RIVER	WINBURG	T8A	6841	  
2741	804/2007	Coordinates	31 Aug 2007	Published	Current	P554/05	DRAALHOEK	MILANSKRAAL	30237	62813	  

- There are 3 buttons –    next to a record. Click on the  button to view all the data related to the specific record.

4. When you click on the view button a new window will open where all the feature info and related data can be viewed. There are 2 tabs under view:

General Declaration details:

View Declaration - Declaration ID 11342 - Declaration Number: 1253658

General Declaration Details

Related Data

Declaration Number

1253658

Declaration Date

2022/02/02

Declaration Type

Coordinates

Declaration Status

Draft

Declaration Usage

Current

Declaration Plan

192/88A

From Description

vaerge

To Description

gregw

Gazette Number

+52+wehte

DM Number

5

Magisterial District

wg grw

Municipality

Alfred Duma Local Municipality

Previous Declaration

1010/1993

Distance

-4

Old Road Section

gwgw

Notes

5191g981w891gw

Added By

Lungisani Nhlengethwa

Date Added

2022/02/23

Updated By

Select an Option

Date Updated

Close

Related Data:

Related Declaration Plan Entries

Identifier	Plan Number	Job Number	Job Description	Date Requested	Requested By	Date Added	Old Route	Old Section	Old Job Number
412	192/88A					2006/03/22 4:27:12 PM			

Related Declaration Points

Identifier	Label	Point Side	Point Order	Coordination System ID	Original X Coordinate	Original Y Coordinate	Adjusted X Coordinate	Adjusted Y Coordinate	Old Route	Old Section	Notes

Related Declaration Buffer(s)

Identifier	Date Added	User Added	Date Updated	User Updated

Related Jurisdiction Current


Identifier	Decl Curr ID	Decl Number	Decl Future Number	Comment	Hole Verified	Hole Type	Hole Comment	Hole User	Hole Verified Date	Diff Decl Verified	Diff Decl Type	Diff Decl Com

Related Declaration Current

Identifier	Declaration Number	OSM Section	Begin Dist	End Dist	Road Status	Date Added	User Added	Date Updated	User Updated

Related on Previous Declaration(s)

Identifier	Previous Decl ID	Declaration Number	Gazette Number	Type	Decl Date	Status	Usage	Plan Number

5. You can edit the record by clicking on the  button.

General Declaration Details:

Edit Declaration - Declaration ID 11342 - Declaration Number: 1253658

General Declaration Details

Related Data

Declaration Number

1253658

Declaration Date

2022/02/02

Declaration Type

Coordinates

Declaration Status

Draft

Declaration Usage

Current

Declaration Plan

192/88A

From Description

vaerge

To Description

gregw

Gazette Number

+52+wehte

DM Number

5

Magisterial District

wg grw

Municipality

Alfred Duma Local Municipality

Previous Declaration

1010/1993

Distance

-4

Old Road Section

gwgw

Notes

5191g981w891gw

Added By

Lungisani Nhlengethwa

Date Added

2022/02/23

Updated By

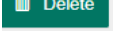
Select an Option

Date Updated

Update Declaration



Close


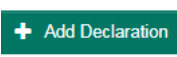
- And then click on  button when you have edited the data.

6. You can delete the record by clicking on the  button to view the full details of the record
 - Ensure it is the right record you wish to delete:

Delete Declaration - Declaration ID 11342 - Declaration Number: 1253658



General Declaration Details		Related Data		
Declaration Number	Declaration Date	Declaration Type	Declaration Status	Declaration Usage
1253658	2022/02/02	Coordinates	Draft	Current
Declaration Plan	From Description	To Description	Gazette Number	DM Number
192/88A	vaerge	gregw	+52+wehte	5
Magisterial District	Municipality	Previous Declaration	Distance	Old Road Section
wg grw	Alfred Duma Local Municipality	1010/1993	-4	gwgw
Notes				
5191g981w891gw				
Added By	Date Added	Updated By	Date Updated	
Lungisani Nhlengethwa	2022/02/23	Select an Option		

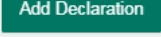




- Click on  to completely delete the record.
7. On button  click, all the particulars for the new cadastral key plan that have to be completed pop up. Declaration number, Declaration Plan, Declaration Type, Gazette Number, Declaration status and Declaration usage.
 - Complete the form on the tab.

Add Declaration

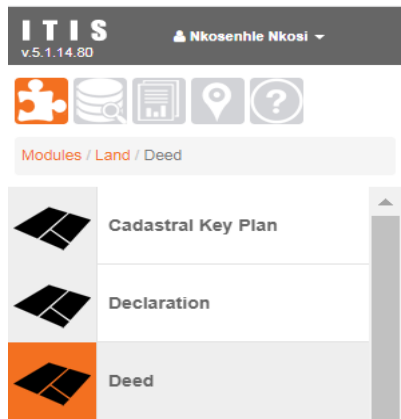
General Declaration Details				
Declaration Number	Declaration Date	Declaration Type	Declaration Status	Declaration Usage
		Please select	Please select	Please select
Declaration Plan	From Description	To Description	Gazette Number	DM Number
Please select				
Magisterial District	Municipality	Previous Declaration	Distance	Old Road Section
	Please select	Please select		
Notes				

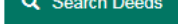




- Once completed click on  again to save the new record.
- Click on  to close the form.

1.16.3. Deed

1. Click on Deed icon under the land modules.





2. A record can be searched for or added. Click on  to search for records according to any of the following attributes:

























Deeds Detail 

Search


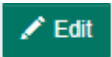


Property <input type="text" value="Please select"/>	Deed Number <input type="text"/>	Deed Office <input type="text" value="Please select"/>	Title Deed Received <input type="text" value="Please select"/>
Deed Type <input type="text" value="Please select"/>	NRA Status <input type="text" value="Please select"/>	Status <input type="text" value="Please select"/>	Offline ID <input type="text"/>

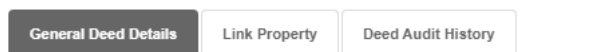
3. Under the Search button the relevant details will appear.

ID	Deed Number	Deed Office	Deed Type	Off Identifier	
123049	T28032/1909	Bloemfontein	Application for endorsement etc.		  
123045	G00/1893	Bloemfontein	Application for endorsement etc.		  
112851	T48702/2007	Pietermaritzburg	Application for endorsement etc.	112851	  
99970	T15878/1993	Bloemfontein	Application for endorsement etc.		  
99954	15878/1993	Bloemfontein	Application for endorsement etc.		  
99951			Application for endorsement etc.	99951	  
99950			Application for endorsement etc.	99950	  
99930	T58787/1980	Bloemfontein	Application for endorsement etc.		  

1 2 3 4 5 6 7 8 9 10 11 11 1

- There are 3 buttons –    next to a record. Click on the  button to view all the data related to the specific record.

4. When you click on the view button a new window will open where all the feature info and related data can be viewed. There are 3 tabs under view:



General Deed details:

View Deed Record - (Deed ID 184145)

General Deed Details

Link Property

Deed Audit History

Deed Number	Deeds Office	Old Deed ID	Title Deed Received
vvv777	Limpopo	vvv777	Yes
MicroFilm Number	Deed Share	Ex Number	Ex Date
vvv777	vvv777	vvv777	2022/02/07
Endorse	Endorse Date	Deed Type	NRA Status
vvv777	2022/02/07	Certificate of Prospecting Title	Previously acquired by Province and compensation not finalised
Registration Date	Deed Status	Comments	
2022/02/07	Obsolete	vvv777	

Close

Link Property:

View Deed Record - (Deed ID 184145)

General Deed Details

Link Property

Deed Audit History

Linked Property Records

ID	RDS Number	Added by	Date Added
191847	RDS52225	Lungisani Nhlengethwa	2022/02/23
191848	RDS53123	Lungisani Nhlengethwa	2022/02/23

Close

Deed Audit History:

View Deed Record - (Deed ID 184145)


General Deed Details

Link Property

Deed Audit History

Added By	Date Added	Updated By	Date Updated
Lungisani Nhlengethwa	2022/02/23	Lungisani Nhlengethwa	2022/02/23

Close

5. You can edit the record by clicking on the  button.

General Dees Details:

Edit Deed Record - (Deed ID 184145)

General Deed Details

Link Property

Deed Audit History

Deed Number	Deeds Office	Old Deed ID	Title Deed Received
vvv777	Limpopo	vvv777	Yes
MicroFilm Number	Deed Share	Ex Number	Ex Date
vvv777	vvv777	vvv777	2022/02/07
Endorse	Endorse Date	Deed Type	NRA Status
vvv777	2022/02/07	Certificate of Prospecting Title	Previously acquired by Province and compensation not finalised
Registration Date	Deed Status	Comments	
2022/02/07	Obsolete	vvv777	

Update Deed Detail

Close

Link Property:

Edit Deed Record - (Deed ID 123049)

General Deed Details **Link Property** Deed Audit History

Linked Property Records

[+ Link New Property](#)

ID	RDS Number	Added by	Date Added	
131257	RDS40251	Neo Ditefo	2008/06/10	Delete
194380	RDS53123	Skhulile Thabete	2023/11/28	Delete

[Update Deed Detail](#) [Close](#)

Under Linked Property records:

- Click on [+ Link New Property](#) to add a new link property.
- Click on [Delete](#) to delete a record.
- And then click on [Update Deed Detail](#) button when you have edited the data.

6. You can delete the record by clicking on the [Delete](#) button to view the full details of the record
- Ensure it is the right record you wish to delete:

Delete Deed Record - (Deed ID 184145)

General Deed Details **Link Property** Deed Audit History

Deed Number	Deeds Office	Old Deed ID	Title Deed Received
vvv777	Limpopo	vvv777	Yes
MicroFilm Number	Deed Share	Ex Number	Ex Date
vvv777	vvv777	vvv777	2022/02/07
Endorse	Endorse Date	Deed Type	NRA Status
vvv777	2022/02/07	Certificate of Prospecting Title	Previously acquired by Province and compensation not finalised
Registration Date	Deed Status	Comments	
2022/02/07	Obsolete	vvv777	

[Delete Deed](#) [Close](#)

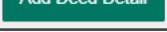
- Click on [Delete Deed](#) to completely delete the record.
7. On button [+ Add Deed](#) click, all the particulars for the new Deed that have to be completed pop up.
- Deed Number is compulsory.
- Complete the form on the tab.


Add Deed

General Deed Details

Deed Number	Deeds Office	Old Deed ID	Title Deed Received
	Please select		Please select
MicroFilm Number	Deed Share	Ex Number	Ex Date
Endorse	Endorse Date	Deed Type	NRA Status
		Please select	Please select
Registration Date	Deed Status	Comments	
	Please select		

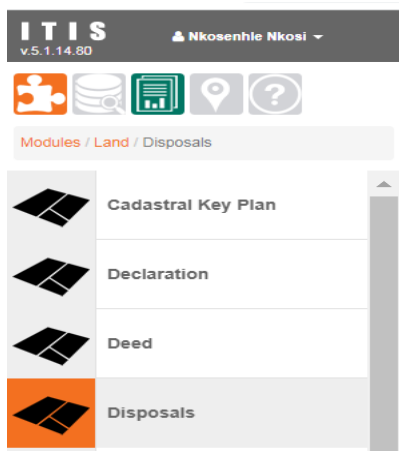
[Add Deed Detail](#) [Close](#)

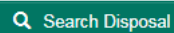
- Once completed click on  again to save the new record.

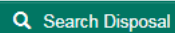
- Click on  to close the form.

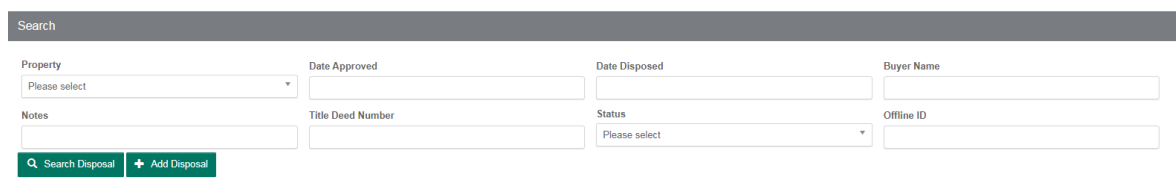
1.16.4. Disposals

1. Click on Disposal module under the Land modules.



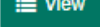

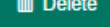



A record can be searched for or added. Click on  to search for records according to any of the following attributes: Property and/or Status.

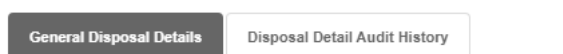


2. Under the Search button the relevant account details will appear.

Disposals								
ID	RDS Number	Date Approved	Date Disposed	Buyer Name	Notes	Sale type	Title Deed Number	Offline ID
23453	RDS08098		1991/10/22	PIETER GOURDRIAN		Auction	T70190/1991	20957
20364	RDS18293	2005/02/07	2011/11/18	City of Cape Town		Auction	T65303/2011	20364
19217	RDS42695	2005/10/27	2008/09/03	Hibiscus Coast Municipality		Auction	T41372/2008	19217
19097	RDS08548		1982/01/01	A B Joubert		Auction	T297/1982	19097
16176	RDS04152		1988/09/08	IMT Engineering SA (Pty) Ltd		Auction	T60369/1988	16176

- There are 3 buttons –    next to a record. Click on the  button to view all the data related to the specific record.

3. When you click on the view button a new window will open where all the feature info and related data can be viewed. There are 2 tabs under view:



General Disposal details:

View Disposal Record - (Disposal ID 23774)

General Disposal Details

Disposal Detail Audit History

RDS Number	Sales Type	Date Approved	Date Disposed
RDS53123	Expropriation		
Buyer Name	Item Number	Sales Price (R)	
Interest Rate (%)	Interest From	Interest To	Area (m2)
Occupation Rent From	Occupation Rent To	Alienation Deed Number	Parent Deed Number
Disposal Notes			

Close

Disposal Detail Audit History:

View Disposal Record - (Disposal ID 23774)

General Disposal Details

Disposal Detail Audit History

Added By	Date Added	Updated By	Date Updated
Sikhulile Thabete	2024/10/09	Sikhulile Thabete	2024/10/09

Close

4. You can edit the record by clicking on the

Edit

 button.
- General Disposal Details:

Edit Disposal Record - (Disposal ID 23774)

General Disposal Details

Disposal Detail Audit History

RDS Number	Sales Type	Date Approved	Date Disposed
RDS53123	Expropriation		
Buyer Name	Item Number	Sales Price (R)	
		5	
Interest Rate (%)	Interest From	Interest To	Area (m2)
			13522
Occupation Rent From	Occupation Rent To	Alienation Deed Number	Parent Deed Number
2024/10/09			
Disposal Notes			


Update Disposal Detail

Close

- And then click on



Update Disposal Detail



 button when you have edited the data.

5. You can delete the record by clicking on the  button to view the full details of the record
 - Ensure it is the right record you wish to delete:

Delete Disposal Record - (Disposal ID 23774)



General Disposal Details		Disposal Detail Audit History	
RDS Number RDS53123	Sales Type Expropriation	Date Approved	Date Disposed
Buyer Name	Item Number	Sales Price (R)	
Interest Rate (%)	Interest From	Interest To	Area (m2)
Occupation Rent From	Occupation Rent To	Alienation Deed Number	Parent Deed Number
Disposal Notes			






- Click on  to completely delete the record.
6. On button  click, all the particulars for the new disposal that have to be completed pop up. Property is compulsory.
 - Complete the form on the tab.

Add Disposal

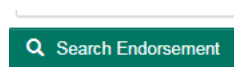
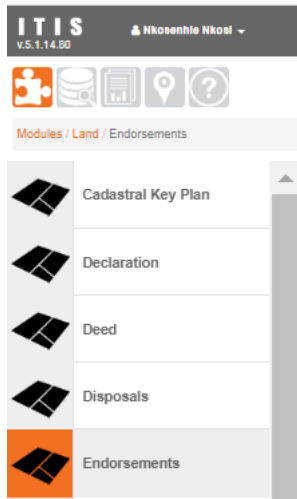
General Disposal Details		Disposal Detail Audit History	
RDS Number RDS53123	Sales Type Please select	Date Approved	Date Disposed
Buyer Name	Item Number	Sales Price (R)	
Interest Rate (%)	Interest From	Interest To	Area (m2)
Occupation Rent From	Occupation Rent To	Alienation Deed Number	Parent Deed Number
Disposal Notes			

- Once completed click on  again to save the new record.
- Click on  to close the form.

1.16.5. Endorsement

1. Click on Endorsements module under the Land modules.



2. A record can be searched for or added. Click on  to search for records according to any of the following attributes: Property and/or Status

Endorsement Detail Print

Search


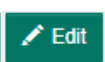


RDS Number Please select	Interdict Number	Declaration Number
Status Please select	Offline ID	Date

Search Endorsement + Add Endorsement

3. - Under the Search button the relevant details will appear.

Endorsement							
ID	RDS Number	Interdict Number	Endorsement Date	Declaration Number	Status	Off identifier	
151	RDS26182	BC50162/2014	2015/12/15	GN 30899/2008 (320)	Published	29	View Edit Delete
150	RDS28479	BC50147/2014	2014/12/15	GN 30899/2008 (320)	Published	28	View Edit Delete
149	RDS17365	BC50136	2014/12/15	GN 30899/2008 (320)	Published	27	View Edit Delete
148	RDS26177	BC50137/2014	2014/12/15	GN 30899/2008 (320)	Published	26	View Edit Delete
147	RDS26227	BC50138/2014	2014/12/15	GN 30899/2008 (320)	Published	25	View Edit Delete
146	RDS26228	BC50139/2014	2014/12/15	GN 30899/2008 (320)	Published	24	View Edit Delete
145	RDS20157	BC50140/2014	2014/12/15	GN 30899/2008 (320)	Published	23	View Edit Delete
144	RDS17376	BC50141	2014/12/15	GN 30899/2008 (320)	Published	22	View Edit Delete

1 2 3 4 > 1

- There are 3 buttons –    next to a record. Click on the  button to view all the data related to the specific record.

4. When you click on the view button a new window will open where all the feature info and related data can be viewed. There are 2 tabs under view:



General Endorsement details:

View Endorsement Record - (Endorsement ID 271)

General Endorsement Details		Endorsement Detail Audit History	
RDS number	Interdict Number	Endorsement date	
<input type="text" value="RDS53123"/>	<input type="text"/>	<input type="text"/>	
Declaration Number	Status	Amended Interdict Number	
<input type="text"/>	<input type="text" value="Please select"/>	<input type="text"/>	
Amended Date	Withdrawal Declaration Number	Notification Registration Deed Date	
<input type="text"/>	<input type="text"/>	<input type="text"/>	
Amended Declaration Number	<input type="text"/>		


Close

Endorsement Detail Audit History:

View Endorsement Record - (Endorsement ID 271)

General Endorsement Details		Endorsement Detail Audit History	
Added By	Date Added	Updated By	Date Updated
<input type="text" value="Nkosenhle Nkosi"/>	<input type="text" value="2022/03/10"/>	<input type="text" value="Select an Option"/>	<input type="text"/>

Close

5. You can edit the record by clicking on the  button.

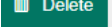
General Endorsement details:

Edit Endorsement Record - (Endorsement ID 271)

General Endorsement Details		Endorsement Detail Audit History	
RDS number	Interdict Number	Endorsement date	
<input type="text" value="RDS53123"/>	<input type="text" value="123456"/>	<input type="text" value="2022/03/08"/>	
Declaration Number	Status	Amended Interdict Number	
<input type="text" value="123456"/>	<input type="text" value="Errata"/>	<input type="text" value="123456"/>	
Amended Date	Withdrawal Declaration Number	Notification Registration Deed Date	
<input type="text" value="2022/03/09"/>	<input type="text" value="123456"/>	<input type="text"/>	
Amended Declaration Number	<input type="text"/>		

Update Endorsement Detail Close

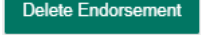
- And then click on  button when you have edited the data.

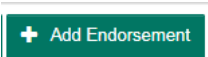
6. You can delete the record by clicking on the  button to view the full details of the record
- Ensure it is the right record you wish to delete:

Delete Endorsement Record - (Endorsement ID 271)

General Endorsement Details		Endorsement Detail Audit History	
RDS number	Interdict Number	Endorsement date	
<input type="text" value="RDS53123"/>	<input type="text"/>	<input type="text"/>	
Declaration Number	Status	Amended Interdict Number	
<input type="text"/>	<input type="text" value="Please select"/>	<input type="text"/>	
Amended Date	Withdrawal Declaration Number	Notification Registration Deed Date	
<input type="text"/>	<input type="text"/>	<input type="text"/>	
Amended Declaration Number	<input type="text"/>		

Delete Endorsement Close

- Click on  to completely delete the record.

7. On button  click, all the particulars for the new Endorsement that have to be completed pop up. RDS number is compulsory.
- Complete the form on the tab.

Add Endorsement

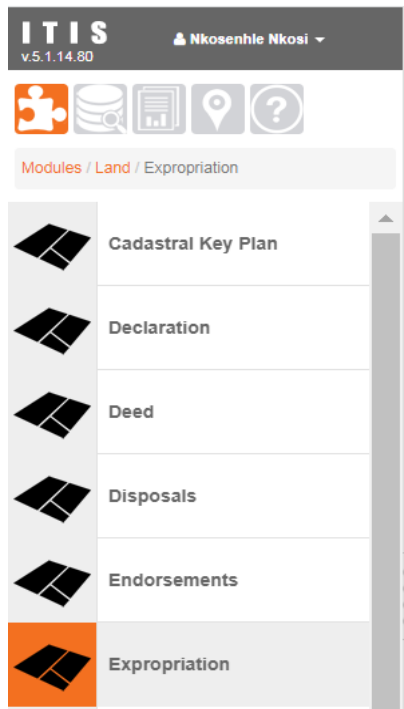
General Endorsement Details		Endorsement Detail Audit History
RDS number	Interdict Number	Endorsement date
<input type="text" value="RDS53123"/>	<input type="text"/>	<input type="text"/>
Declaration Number	Status	Amended Interdict Number
<input type="text"/>	<input type="text" value="Please select"/>	<input type="text"/>
Amended Date	Withdrawal Declaration Number	Notification Registration Deed Date
<input type="text"/>	<input type="text"/>	<input type="text"/>
Amended Declaration Number		
<input type="text"/>		


[Add Endorsement Detail](#)[Close](#)


- Once completed click on [Add Endorsement Detail](#) again to save the new record.
- Click on [Close](#) to close the form.

1.16.6. Expropriation

1. Click on Expropriation module under the Land modules.





2. A record can be searched for or added. Click on  to search for records according to the following attribute: Property.

Expropriation Detail 





Search

RDS Number <input type="text" value="Please select"/>	Acquisition Plan Number <input type="text"/>	Expropriation Number <input type="text"/>	Date Approved <input type="text"/>
Description <input type="text"/>	File Ref <input type="text"/>	Offline ID <input type="text"/>	Date Served <input type="text"/>

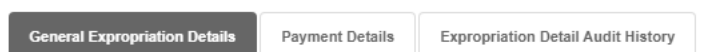
 

3. Under the Search button the relevant details will appear.

Expropriations								
ID	Property	Acq Plan Number	Expropriation Number	Description	Area	File Ref	Location	Off identifier
28096	RDS51230		EX042/1976					<div><div>View</div><div>Edit</div><div>Delete</div></div>
28095	RDS51230		EX045/1979					28095 <div><div>View</div><div>Edit</div><div>Delete</div></div>
1	1							

- There are 3 buttons –    next to a record. Click on the  button to view all the data related to the specific record.

4. When you click on the view button a new window will open where all the feature info and related data can be viewed. There are 3 tabs under view:



General Expropriation details:

View Expropriation Record - (Expropriation ID 155469)

General Expropriation Details		Payment Details		Expropriation Detail Audit History	
RDS Number	Acquisition Plan Number	Expropriation Number	Area (m2)		
<input type="text" value="RDS0123"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1,53"/>		
Description					
<input type="text" value="aaaa"/>					
File Ref	Location				
<input type="text"/>	<input type="text" value="aaa"/>				
Approved Date	Served Date	Noted Date	Effective Date		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		
Caveat Ref	Owner's Title Deed	Parent Deed Area (Ha)	Parent SG Diagram Number		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		
Date of Offer	SARB Approved Date	SANRAL Approval Number	Transaction Date		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		
Compensation Paid To					
<input type="text"/>					
Agreed Amount (R)		Expropriated By			
<input type="text"/>		<input type="text" value="Select an Option"/>			
Directly Affected Indicator	Indirectly Affected Indicator	Owner Name on Title Deed			
<input type="text" value="Select an Option"/>	<input type="text" value="Select an Option"/>	<input type="text"/>			
Directly Affected Notes					
<input type="text"/>					
Notes					
<input type="text"/>					
Offline Identifier	Offline Property Identifier	Offline Import File	Offline Last Updated		
<input type="text" value="0"/>	<input type="text"/>	<input type="text" value="--"/>	<input type="text"/>		

Close

Payment Details:

General Expropriation Details		Payment Details		Expropriation Detail Audit History	
Payment Records					
ID	No	Payment Date	Description	Payment Amount	
<input type="text"/>					


Close

Expropriation Detail Audit History:

View Expropriation Record - (Expropriation ID 138170)

General Expropriation Details		Payment Details		Expropriation Detail Audit History	
Added By	Date Added	Updated By	Date Updated		
<input type="text" value="Nkosenhle Nkosi"/>	<input type="text" value="2022/03/10"/>	<input type="text" value="Select an Option"/>	<input type="text"/>		

Close

5. You can edit the record by clicking on the  button.

General Expropriation details:

Edit Expropriation Record - (Expropriation ID 138170)

General Expropriation Details | Payment Details | Expropriation Detail Audit History

Property RDS50123	Acquisition Plan Number	Expropriation Number	Area
Description			
File Ref	Location		
Approved Date	Served Date	Noted Date	Effective Date
Caveat Ref	Parent Deed	Parent Deed Area	Parent SG Diagram Number
Date of Offer	SARB Approved Date	SANRAL Approval Number	Transaction Date
Compensation Paid To			
Agreed Amount		Expropriated By SANRAL	
Directly Affected Indicator Yes	Indirectly Affected Indicator Yes	In Favour Old	
Directly Affected Notes			
Notes			
Offline Identifier 0	Offline Property Identifier	Offline Import File --	Offline Last Updated

Update Expropriation Detail Close


Payment Details:

- Click on  to add payment detail.

Edit Expropriation Record - (Expropriation ID 138170)

General Expropriation Details | Payment Details | Expropriation Detail Audit History

Payment Records



ID	No	Payment Date	Description	Payment Amount
----	----	--------------	-------------	----------------

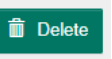
Add Payment Detail

Expropriation 138170	No	Description	
Payment Date	Amount	Comments	
Compensation Type Please select	Payment Type Please select	Compensation Paid to	
Added By Nkosenhle Nkosi	Date Added 2022/03/11	Updated By Select an Option	Date Updated

Add Payment Detail Discard

Update Expropriation Detail Close

- And then click on  button when you have edited the data.

6. You can delete the record by clicking on the  button to view the full details of the record
 - Ensure it is the right record you wish to delete:

Delete Expropriation Record - (Expropriation ID 155487)

General Expropriation Details				Payment Details	Expropriation Detail Audit History
RDS Number RDS50123	Acquisition Plan Number 389	Expropriation Number 7895	Area (m2) 125,44		
Description					
File Ref	Location				
Approved Date	Served Date	Noted Date	Effective Date		
Caveat Ref	Owner's Title Deed	Parent Deed Area (Ha)	Parent SG Diagram Number		
Date of Offer	SARB Approved Date	SANRAL Approval Number	Transaction Date		
Compensation Paid To					
Agreed Amount (R)		Expropriated By Select an Option			
Directly Affected Indicator Select an Option	Indirectly Affected Indicator Select an Option	Owner Name on Title Deed			
Directly Affected Notes					
Notes					
Offline Identifier 0	Offline Property Identifier	Offline Import File --	Offline Last Updated		
				Delete Expropriation	Close

- Click on **Delete Expropriation** to completely delete the record.

- On button **+ Add Expro** click, all the particulars for the new expropriation that have to be completed pop up. Property is compulsory.
 - Complete the form on the tab.

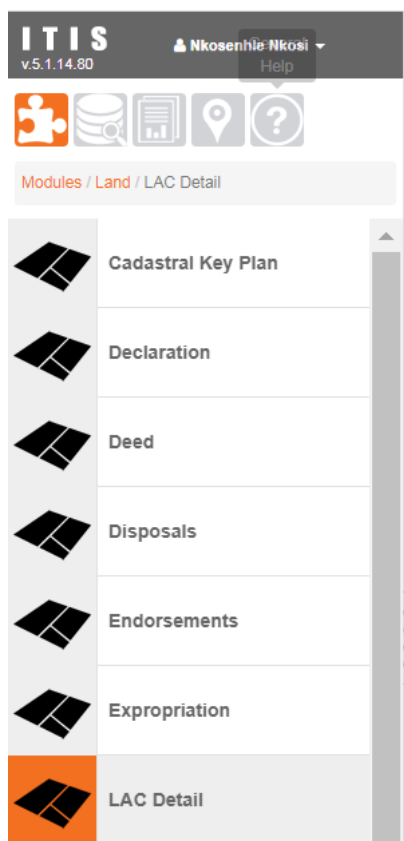
Add Expropriation

General Expropriation Details			
RDS Number Please select	Acquisition Plan Number	Expropriation Number	Area (m2)
Description			
File Ref	Location		
Approved Date	Served Date	Noted Date	Effective Date
Caveat Ref	Owner's Title Deed	Parent Deed Area (Ha)	Parent SG Diagram Number
Date of Offer	SARB Approved Date 2024/10/02	SANRAL Approval Number	Transaction Date
Compensation Paid To			
Agreed Amount (R)		Expropriated By Select an Option	
Directly Affected Indicator Select an Option	Indirectly Affected Indicator Select an Option	Owner Name on Title Deed	
Directly Affected Notes			
Notes			
Offline Identifier 0	Offline Property Identifier	Offline Import File --	Offline Last Updated
			Add Expropriation Detail
			Close

- Once completed click on **Add Expropriation Detail** again to save the new record.
- Click on **Close** to close the form.

1.16.7. LAC Detail

1. Under the Land module, click on LAC Detail.
























2. A record can be searched for or added. Click on  to search for records according to the following attribute: LAC Group, LAC Status, Project Number, LAC Region and/or Section.

LAC Detail



The search form is titled 'Search' and contains several input fields and dropdown menus. The fields are: LAC Number, Old LAC Number, LAC Description, LAC Comment, LAC Group (Please select), LAC Status (Please select), Project Number (Please select), LAC Region (Please select), and Section (Please select). At the bottom of the form, there are two buttons: 'Search' and 'Add LAC'.

3. Under the Search button the relevant LAC details will appear.

LAC ID	LAC Number	LAC Group	LAC Status	Region	Old LAC Number	Old Route Section	Old Project Number	Project Number	Description	Options
20201	L00051	INCORPORATED NETWORK	RETIRED	East	3AB	R302 (N1/15Y)			Brandford to Theunissen	  
20202	L00052	INCORPORATED NETWORK	RETIRED	East	3AC	R303 (N1/15Y)			Theunissen to Virginia	  
20206	L00056	EXISTING NETWORK	RETIRED	East	11B	N5			HARRISMITH TO WINBURG	  
20207	L00057	EXISTING NETWORK	NEW	East	11BA	N5/2	N 005-020-2006/1	N 005-020-2006/1	MSPGS: Kestell to Bethlehem	  
20208	L00058	EXISTING NETWORK	NEW	East	11BB		N 005-030-2004/1	N 005-030-2004/1	DSRGS: Paul Roux to Senekal	  
20209	L00059	EXISTING NETWORK	NEW	East	11BC		N 005-030-2006/1	N 005-030-2006/1	DSRGS: Vals rivier - Paul Roux	  
20210	L00060	EXISTING NETWORK	NEW	East	11BD		N 005-040-2008/1	N 005-040-2008/1	DSRGS: Senekal to Vaalpenspruit	  

- There are three buttons –

a record. Click on the



button to view all the data related to the specific LAC.

- When you click on the view button a new window will open where all the feature info and related data can be viewed. General LAC Details, LAC Dates and Notes, and LAC Sections can be viewed by clicking on one of the tabs.

General LAC Details:

View LAC L00001 (ID 20151) Makopong

General LAC Details

LAC Dates and Notes

LAC Sections

LAC Group	LAC Status	Region	Project Number	Old Project Number
BORDER POSTS	NEW	Unmapped	Select an Option	
Description				
Makopong				
Comment				
Await DOW consent for declaration to be finalised				
Job Reference	Old LAC Number	Old Route Section	Estimated Survey Quantity	Estimated Property Quantity
	14	International Border Posts		
Date Change Previous Date	Date Change New Date			
Reason for Change				

Close

LAC Details and Notes:

View LAC L00001 (ID 20151) Makopong

General LAC Details

LAC Dates and Notes

LAC Sections

Design Info Due Date	Design Info Revised Date	Design Info Notes
Tender Due Date	Tender Revised Date	Tender Notes
2004/07/02		
Construction Due Date	Construction Revised Date	Construction Notes
2004/10/01	2006/02/01	
Acquisition Key Plan Due	Acquisition Key Plan Revised	Acquisition Key Plan Notes
2005/04/01		Done Declaration sketches (May have to be amended)
Acquisition Plan Due Date	Acquisition Plan Revised	Acquisition Plan Notes
2004/04/01	2005/07/01	
Approved SubDiv Due Date	Approved SubDiv Revised	Approved SubDiv Notes
2004/10/01	2006/02/01	
Declaration Amend Due Date	Declaration Amend Revised	Declaration Amend Notes
2004/02/01	2005/08/01	Draft wording submitted to D Venter (May have to be amended). Await DOW consent
Property Sourcing Due Date	Property Sourcing Revised	Property Sourcing Notes
2004/03/01	2005/03/01	
Acquisition Doc Due Date	Acquisition Doc Revised	Acquisition Doc Notes
2004/05/01	2005/09/01	
Land Acquisition Due Date	Land Acquisition Revised	Land Acquisition Notes
2004/10/01	2006/02/01	
Clearance Title Due Date	Clearance Title Revised	Clearance Title Notes
		N/A
Conveyancing Due Date	Conveyancing Revised Date	Conveyancing Notes
2005/04/01	2006/10/01	

Close

LAC Sections:

View LAC L00001 (ID 20151) Makopong


General LAC Details

LAC Dates and Notes

LAC Sections

Section	Start Dist	End Dist

Close

- You can edit the record by clicking on the  button.
- You can then update each tab individually by clicking on it

Edit LAC L00001 (ID 20151) Makopong

General LAC Details

LAC Dates and Notes

LAC Sections

General LAC Details:

Edit LAC L00001 (ID 20151) Makopong

General LAC Details LAC Dates and Notes LAC Sections

LAC Group: BORDER POSTS LAC Status: NEW Region: Unmapped Project Number: Select an Option Old Project Number:

Description: Makopong

Comment: Await DOW consent for declaration to be finalised

Job Reference: Old LAC Number: 14 Old Route Section: International Border Posts Estimated Survey Quantity: Estimated Property Quantity:

Date Change Previous Date: Date Change New Date:

Reason for Change:

Update LAC Close

LAC Dates and Notes:

Edit LAC L00001 (ID 20151) Makopong

General LAC Details LAC Dates and Notes LAC Sections

Design Info Due Date: Design Info Revised Date: Design Info Notes:

Tender Due Date: 2004/07/02 Tender Revised Date: Tender Notes:

Construction Due Date: 2004/10/01 Construction Revised Date: 2005/02/01 Construction Notes:

Acquisition Key Plan Due: 2005/04/01 Acquisition Key Plan Revised: Acquisition Key Plan Notes: Done Declaration sketches (May have to be amended)

Acquisition Plan Due Date: 2004/04/01 Acquisition Plan Revised: 2005/07/01 Acquisition Plan Notes:

Approved SubDiv Due Date: 2004/10/01 Approved SubDiv Revised: 2005/02/01 Approved SubDiv Notes:

Declaration Amend Due Date: 2004/02/01 Declaration Amend Revised: 2005/08/01 Declaration Amend Notes: Draft wording submitted to D Venter (May have to be amended). Await DOW consent

Property Sourcing Due Date: 2004/03/01 Property Sourcing Revised: 2005/03/01 Property Sourcing Notes:

Acquisition Doc Due Date: 2004/05/01 Acquisition Doc Revised: 2005/09/01 Acquisition Doc Notes:

Land Acquisition Due Date: 2004/10/01 Land Acquisition Revised: 2005/02/01 Land Acquisition Notes:

Clearance Title Due Date: Clearance Title Revised: Clearance Title Notes: N/A

Conveyancing Due Date: 2005/04/01 Conveyancing Revised Date: 2005/10/01 Conveyancing Notes:

Update LAC Close

LAC Sections:

Edit LAC L00001 (ID 20151) Makopong

General LAC Details LAC Dates and Notes LAC Sections

Section: Start Date: End Date:

Update LAC Close

- And then clicking on  button when you have edited the data.

6. You can delete the record by clicking on the  button to view the full details of the record :

Delete LAC L00001 (ID 20151) Makopong

General LAC Details LAC Dates and Notes LAC Sections

LAC Group: BORDER POSTS LAC Status: NEW Region: Unmapped Project Number: Select an Option Old Project Number:

Description: Makopong


Comment: Await DOW consent for declaration to be finalised

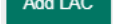
Job Reference: Old LAC Number: 14 Old Route Section: International Border Posts Estimated Survey Quantity: Estimated Property Quantity:

Date Change Previous Date: Date Change New Date:

Reason for Change:

Delete LAC Close

- Click on  to completely remove the record.

7. On button  click, all the particulars for the new LAC that have to be completed pop up.
 - Complete the form on each tab. LAC Group is compulsory.

General LAC Details tab:

Add LAC

General LAC Details LAC Dates and Notes

LAC Group: LAC Status: Region: Project Number: Old Project Number:



Description:

Comment:

Job Reference: Old LAC Number: Old Route Section: Estimated Survey Quantity: Estimated Property Quantity:

Date Change Previous Date: Date Change New Date:

Reason for Change:



 

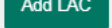

LAC Details and Notes tab:

Add LAC

General LAC Details LAC Dates and Notes

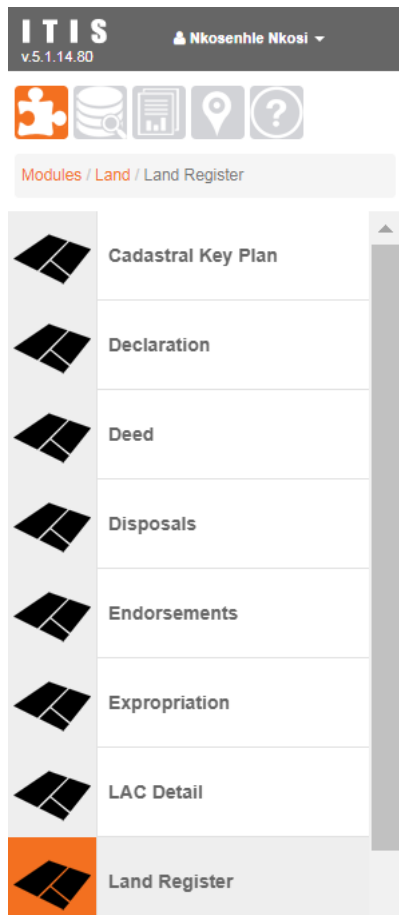
Design Info Due Date: <input type="text"/>	Design Info Revised Date: <input type="text"/>	Design Info Notes: <input type="text"/>
Tender Due Date: <input type="text"/>	Tender Revised Date: <input type="text"/>	Tender Notes: <input type="text"/>
Construction Due Date: <input type="text"/>	Construction Revised Date: <input type="text"/>	Construction Notes: <input type="text"/>
Acquisition Key Plan Due: <input type="text"/>	Acquisition Key Plan Revised: <input type="text"/>	Acquisition Key Plan Notes: <input type="text"/>
Acquisition Plan Due Date: <input type="text"/>	Acquisition Plan Revised: <input type="text"/>	Acquisition Plan Notes: <input type="text"/>
Approved SubDiv Due Date: <input type="text"/>	Approved SubDiv Revised: <input type="text"/>	Approved SubDiv Notes: <input type="text"/>
Declaration Amend Due Date: <input type="text"/>	Declaration Amend Revised: <input type="text"/>	Declaration Amend Notes: <input type="text"/>
Property Sourcing Due Date: <input type="text"/>	Property Sourcing Revised: <input type="text"/>	Property Sourcing Notes: <input type="text"/>
Acquisition Doc Due Date: <input type="text"/>	Acquisition Doc Revised: <input type="text"/>	Acquisition Doc Notes: <input type="text"/>
Land Acquisition Due Date: <input type="text"/>	Land Acquisition Revised: <input type="text"/>	Land Acquisition Notes: <input type="text"/>
Clearance Title Due Date: <input type="text"/>	Clearance Title Revised: <input type="text"/>	Clearance Title Notes: <input type="text"/>
Conveyancing Due Date: <input type="text"/>	Conveyancing Revised Date: <input type="text"/>	Conveyancing Notes: <input type="text"/>


- Once completed click on  again to save the new record.
- Click on  to close the form.

1.16.8. Land Register

1. Under the Land module, click on Land Register.



2. A record can be searched for or added. Click on  to search for records according to the following attribute:

Land Register 

Search

RDS Number	Location Description	Portion Description	Status
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="Please select"/>
Expropriation Acquisition Plan No	File Ref No	New Status	Spatial
<input type="text"/>	<input type="text"/>	<input type="text" value="Please select"/>	<input type="text" value="Please select"/>
Section Code	SG Diagram Number	Road Usage	Investment Status
<input type="text"/>	<input type="text"/>	<input type="text" value="Please select"/>	<input type="text" value="Please select"/>
<input type="text" value="Q Search Property"/> <input type="text" value="+ Add Property"/>		<input type="text" value="Please select"/>	

3. Under the Search button the relevant record will appear.

Properties		Geometry												
Property ID	RDS number	Linked	Locked	Location	Portion	Status	Usage	New Status						
13197	RDS14787	N/A	N/A	Woodstock No 397 - JP	Servitude (road) over Pin 34	Cancelled	Access Road	Cancelled						
10587	RDS19589	N/A	N/A	Colesberg Adm Dist Colesberg	ptn of Rem of Erf 788 (ptn ...	Cancelled	Access Road	Cancelled						
41850	RDS32007	N/A	N/A	Nek No 180 Adm Dist Allwal North	ptn of Pin 11 (ptn of Pin 2)	Wayleave Expired	Access Road	Wayleave						
143658	RDS56908	N/A	N/A	Glen Lyon No 2891 Adm Dist Sloemfontein	ptn of Rem of farm	Cancelled	Access Road	Cancelled						
173896	RDS81127	N/A	N/A	Leeuwsfontein No 143 Adm Dist Jacobsdal	ptn of Rem of Pin 1	Wayleave Expired	Access Road	Wayleave						
191896	RDS69085	N/A	N/A	Dorpgronden Winburg No 951 Adm Dist ...	ptn of Rem of farm	Cancelled	Access Road	Cancelled						
100735	RDS73905	No	No	Mkwini Location No 3 Adm Dist Tsomo	ptn of Rem of township	Proposed Wayleave	Access Road	Proposed Wayleave						
199019	RDS73907	No	No	Nobokwe No 84 Adm Dist Tsomo	ptn of Rem of farm	Proposed Wayleave	Access Road	Proposed Wayleave						

1

23456789101112131415...250

1

- There are six buttons to –       a record. Click on the  button to view all the data related to the specific record.

- When you click on the view button a new window will open where all the feature info and related data can be viewed. You can click on any of these tabs to view related data:

General Property Details	Property Location Details	Property Survey Details	Property Investment and Claims Details	Property Audit History
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General Property Details:

View Property - RDS68062 - Caca Adm Dist Engcobo (Property ID 189386)

General Property Details	Property Location Details	Property Survey Details	Property Investment and Land Claims Details	Property Audit History
--------------------------	---------------------------	-------------------------	---	------------------------

Registration Number	File Reference Number	Land Area (m2)	Parent Property
RDS68062	033/0188	386	Select an Option

Location Description	Portion Description
Caca Adm Dist Engcobo	Servitude (RoW) over Rem of Erf 176 (unapprov)

New Status	Sub Status
Proposed Servitude	Agreement to be concluded (SG unapproved)

Status	Status Group
Proposed Servitude	Identified

Road Usage	Attorney
Access Road	Please select

Municipal Accounts	Wayleave Termination	Wayleave Start Date	Wayleave End Date
	Select an Option		

Notes

Spatial	Spatial Locked
Yes	Yes

Close

General Property Details Notes

- Property ID – This number is generated by the system.
- Registration Number – RDS number, a unique number assigned to every Sanral property.
- File Reference Number – The number of the case file of the property.
- Location Description – (Mandatory) The name of the township, agricultural holding or farm with its number and registration division or administrative district. The descriptions, as allocated to the properties by the Surveyor General, who falls under the control of the Department of Land Affairs, are used, i.e. “Bartlett Agricultural Holdings Ext 1 – IR”
- Portion Description – (Mandatory) The allocation of descriptions to all land parcels in the Republic of South Africa are the responsibility of the Surveyor General, who falls under the control of the Department of Land Affairs, and the descriptions are allocated during the survey process of the land. Properties are described as follows in the register –
Land situated in a township : Erf
Land situated in an agricultural holding: Holding, Plot or Lot
Portion of a farm : Ptn
If the entire farm is owned (i.e. there is no subdivisions) the words “The farm” would be in the Portion Description field. If the property has been subdivided and the subdivision has been registered, the remaining portion of the parent property would be described as “Rem of farm”. “Portion” and

“Remainder” are abbreviated as “Ptn” and “Rem”. Example: Erf 234. (In the case of properties in Cape Town the name of the suburb follows the erf number, i.e. Erf 23456 at Claremont).

Ptn1 of Erf 23.

Holding 34. (In Limpopo, Mpumalanga, North West and Gauteng an agricultural holding is referred to as a “Holding”, in the Free State as a “Plot” and in the Cape Provinces as a “Lot”.)

Ptn 34(ptn of Ptn3).

Rem of Erf 45

Servitudes, Real Rights, Mineral Rights, and any other rights, in favour of SANRAL, are also recorded in the land register and a Register Number is allocated to the entry as if it is a land record.

The description of the right will precede the Portion Description i.e. -

Servitude (electricity) over ...

Mineral Rights over ...

Real Rights over ...

- Land Area – The current extent of the property. It is always indicated in hectares and captured to indicate four decimal places. For general information note that –

10 hectares	=	10.0000
1 hectare	=	1.0000
1000 square metres	=	0.1000
100 square metres	=	0.0100
10 square metres	=	0.0010
1 square metre	=	0.0001
- Parent Property – In the event of the new record being created due to the subdivision of a property owned by SANRAL the register number (RDS Number) of the Parent Property is captured in this field.
- Notes – This is a free text field and any relevant information pertaining to the property can be recorded here.
- Status – The status of the property is selected from the drop-down menu.
- Usage – (Mandatory) The various purposes for which the land is used are captured in a table and the usage type is selected from the drop-down menu.
- New Status
- Wayleave Termination
- Wayleave Start Date – The date on which the wayleave becomes effective. Wayleaves are entered into the land owners where the land is only required for a specific (short) period or where it is the intention to register a servitude to regulate the future use of the land.
- Wayleave End Date – The date on which the wayleave is due to expire in terms of the Agreement.
- Attorney – All the attorneys which have been included on the panel to undertake conveyancing work on behalf of SANRAL have been recorded in a lookup table. The attorney is selected from the drop-down menu. The user can type in the first character of the attorney’s name when in the table whereafter the system will select the first entry starting with that character.
- Municipal Accounts
- Spatial – ITIS will display whether the land register date has been linked to the spatial data.
- Spatial Locked

Property Location Details:

✕

View Property - RDS68062 - Caca Adm Dist Engcobo (Property ID 189386)

General Property Details

Property Location Details

Property Survey Details

Property Investment and Land Claims Details

Property Audit History

Route

Select an Option

Section Code

Select an Option

Section Code

R06106

KM Position

Toll Type

Non-Toll

Road Network

Incorporated

Region

South

Province

Eastern Cape

Magisterial District

ENGCOBO

Municipality

Engcobo Local Municipality (EC137)

*** indicates historic municipalities

Close

Property Location Details Notes

- **Section Code – (Mandatory)** This field is a combination of the number allocated to the national road as well as the section within the route. The code must consist of at least 6 characters, i.e. the road (4) and the section (2) (example N00216) and further indicators such as “X” and “Y” can be added immediately thereafter.
- **KM Position –** The system will record the kilometre distance where the property is situated on the national route.
- **Toll Type**
- **Road Network – (Mandatory)** The road network is selected from the drop-down menu.
- **Region –** All the SANRAL regions have been recorded in a lookup table and the properties are for management and reporting purposes linked to one of the four regions in which they are situated. The region is selected from the drop-down menu.
- **Province –** All the provinces have been recorded in a look-up table and the properties are for management and reporting purposes linked to the province in which they are situated. New provinces or renamed provinces, not available in the drop-down menu, is captured as “Unknown”.
- **Magisterial District –** The magisterial district is selected from the drop-down menu.
- **Municipality –** The name of the municipality which has jurisdiction over the area in which the property is situated is selected from the drop-down menu.

Property Survey Details:

View Property - RDS14767 - Woodstock No 397 - JP (Property ID 13197)

General Property Details

Property Location Details

Property Survey Details

Property Investment and Claims Details

Property Audit History

Entry Type
Farm ▼

Parcel Number
397

SG Code
TQJP0000000039700034

Surveyed
Select an Option ▼

Diagram Received
Select an Option ▼

Major Region
JP (T) ▼

Portion Number
34

SG Code Parent
TQJP0000000039700000

SG Diagram Number

Diagram Status
Select an Option ▼

Close

Property Survey Details Notes

- **Entry Type** – The information that is recorded in this field are used in the electronic compilation of the 21-digit code. The various land classifications, i.e. Farm, Erf, Agricultural Holding etc, are captured in a table and the entry type is selected from the drop-down menu.
- **Minor Region** – The Minor Region represent the 5th to 10th characters of the 21-digit code. The Minor Region represents the township name or agricultural holding name, and is selected from the drop-down menu.
- **Parcel Number** – The Parcel Number represent the 9th to 16th characters of the 21-digit code. The Parcel Number is –
 Rural area - Farm number
 Agricultural Holding - Holding number
 Township - Erf number
- **Portion Number** – This represents the 17th to 21st characters of the 21-digit code.
- **SG Code** – (Mandatory) This is a unique 21 number code which has been allocated to each and every surveyed property by the Surveyor General. The code is structured as follows:

1 st character	-	T	=	former Transvaal province and consist of properties situated in Limpopo, North West, Gauteng and Mpumalanga.
		F	=	Free State
		N	=	Natal (now KwaZulu/Natal)
		C	=	former Cape Province and consist of properties situated in Northern Cape, Western Cape and Eastern Cape

2nd character - 0

3rd and 4th char - Registration Division for Transvaal and Natal,
or
code allocated to Administrative District in three Cape Provinces and the Free State

5th to 8th char - 0000 for farms or code allocated for Townships or Agricultural Holdings

9th to 16th char - Farm number or Erf/Holding number

17th to 21st char - farm portion or portion of Erf/Holding number

e.g. The code for Ptn 30 (ptn of Ptn 6) of the farm Elandsfontein No 108 – IR is -
T0IR0000000010800030

The SG code for a residential property is compiled through the utilization of the Minor Region number of the Township which has been allocated by the Surveyor General (N0ET0264 for Port Edward) with the parcel and portion details of the property.

The code for Ptn 1 of Erf 957 Port Edward is - N0ET02640000095700001.

When erven in the Cape Provinces are subdivided new erf numbers are allocated to the subdivisions instead of referring to the subdivision as a portion of the parent erf. Code C0390010 has been allocated by the Surveyor General for Sedgfield and the SG code for Erf 1991 (ptn of Erf 1692) will be –

C03900100000199100000

- SG Code Parent – If only a portion of a property is acquired or expropriated, and the land is still unsurveyed, the unique number that has been allocated to the parent property by die SG is recorded in both the SG Code and SG Code Parent fields.

When a SG code has been generated for a property, the same code will be allocated for the property and the parent property.

The last five characters of the parent property is adjusted to reflect the parent portion number.

In the case of the subdivision of an erf in the Cape Provinces, the erf number is replaced with the parent erf number. E.g. the code will change from C03900100000199100000 to

C03900100000169200000

- Surveyed – This is to indicate whether the property has been surveyed or not.
- SG Diagram Number - In order that land can be registered in the deeds registry office it must be surveyed and a survey diagram or general plan framed. A number is allocated, by the Surveyor General, to the survey diagram (or general plan). The number commences in some instances with an alphabetical character which is followed by a consecutive number, a backward slash, and the year in which it was approved. The year will be captured as four characters notwithstanding the fact that the diagram might only indicate the last two characters.

Example : 467/2000
: A2134/1978

If a property forms part of an approved township and a survey diagram has not been framed for the property, the relevant general plan number is captured in this field.

In the event of a general plan number being captured, instead of a survey diagram, this is revealed by “GP” after plan number.

- Diagram Received – This indicates whether the survey diagram has been received or not.
- Diagram Status – This field is to indicate whether the diagram has been approved by the Surveyor General or not, as well as the future status or movement of the diagram.

Property Investment and Claims Details:

View Property - RDS14767 - Woodstock No 397 - JP (Property ID 13197)

General Property Details

Property Location Details

Property Survey Details

Property Investment and Claims Details

Property Audit History

Investment Status

Select an Option

Investment Comment

Land Claims

No

Land Claims Description

Select an Option

Close

Property Investment and Claims Details Notes

- Investment Status – This field will only be populated if the property has been identified as a possible Investment Property.
- Investment Comment – Any additional comments relevant to the investment status of the property.
- Land Claims – Selected from the drop-down menu whether a land claim has been recorded and published against the property.
- Land Claims Descriptions - Details of the Government Gazette under which the land claim on the property was published.

Property Audit History:

View Property - RDS14767 - Woodstock No 397 - JP (Property ID 13197)

General Property Details

Property Location Details

Property Survey Details

Property Investment and Claims Details

Property Audit History

Added By

Select an Option

Date Added

2005/01/01

Updated By

Marius Laubscher


Date Updated

2017/01/05

Close

Property Audit History Notes

- Added by
- Date Added
- Updated by
- Date Updated

5. You can edit the record by clicking on the  button.

- You can then update each tab individually by clicking on it

Edit Property - RDS14767 - Woodstock No 397 - JP (Property ID 13197)

General Property Details Property Location Details Property Survey Details Property Investment and Claims Details Property Audit History

General Property Details:

Edit Property - RDS14767 - Woodstock No 397 - JP (Property ID 13197)

General Property Details		Property Location Details	Property Survey Details	Property Investment and Claims Details	Property Audit History
Registration Number	File Reference Number	Land Area	Parent Property		
RDS14767	349/0352	0	Select an Option		
Location Description		Portion Description			
Woodstock No 397 - JP		Servitude (road) over Ptn 34			
New Status					
Cancelled					
Status		Status Group			
Cancelled		Identified & verified			
Road Usage		Attorney			
Access Road		Anne-Marie van der Merwe			
Municipal Accounts	Wayleave Termination	Wayleave Start Date	Wayleave End Date		
	Select an Option				
Notes					
Surveyed as RDS78860, RDS78861 & RDS78862					
Spatial	Spatial Locked				
N/A	N/A				

Update Property

Close

Property Location Details:

Edit Property - RDS14767 - Woodstock No 397 - JP (Property ID 13197)

General Property Details		Property Location Details	Property Survey Details	Property Investment and Claims Details	Property Audit History
Section Code		KM Position			
N00414		14.5260			
Toll Type		Road Network			
Toll		Incorporated			
Region		Province			
North		North West			
Magisterial District		Municipality			
Select an Option		Select an Option			

Update Property

Close

Property Survey Details:

Edit Property - RDS14767 - Woodstock No 397 - JP (Property ID 13197)

General Property Details	Property Location Details	Property Survey Details	Property Investment and Claims Details	Property Audit History
--------------------------	---------------------------	--------------------------------	--	------------------------

Entry Type	Major Region
Farm	JP (T)
Parcel Number	Portion Number
397	34
SG Code	SG Code Parent
T0JP0000000039700034	T0JP00000000039700000
Surveyed	SG Diagram Number
Select an Option	
Diagram Received	Diagram Status
Select an Option	Select an Option

[Update Property](#) [Close](#)

Property Investment and Claims Details:

Edit Property - RDS14767 - Woodstock No 397 - JP (Property ID 13197)

General Property Details	Property Location Details	Property Survey Details	Property Investment and Claims Details	Property Audit History
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Investment Status	Investment Comment
Select an Option	
Land Claims	Land Claims Description
No	Select an Option

[Update Property](#) [Close](#)

- And then clicking on [Update Property](#) button when you have edited the data.

6. You can view property related details by clicking on [Related](#)
- These are the tabs under related,

Deed and Disposal Details	Expropriation Details	Lease Details	Municipal Details	Geometry, Servitudes and Investment Property Details	History
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each tab has relevant data.

Deed and Disposal Details:

View Property Related Detail - RDS14767 (Property ID 13197)

Deed and Disposal Details	Expropriation Details	Lease Details	Municipal Details	Geometry, Servitudes and Investment Property Details	History
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Related Deeds

Deeds ID	Deeds Number	Deeds Office	Title Deeds Received	Registration Date	Status	Comments
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Property Related Disposals

Disposals ID	Date Approved	Item Number	Sale Type	Purchaser Name	Sale Price	Date Disposed	Purchaser Title Deed Number	Area
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[Close](#)

Related Deeds Notes

- Deeds ID
- Deeds Number – The number allocated by the Deeds Registry Office, to the title deed under which the property is registered in the name of SANRAL.
- Deeds Office – The name of the Deeds Registry Office which has jurisdiction over the area in which the property is situated and which is responsible for the registration process.
- Title Deeds Received – This indicates whether the original title deed has been received and filed in safe custody.
- Registration Date – The date on which the property was registered in the Deeds Registry Office.
- Status – The current status of the title deed.
- Comments – Any relevant information pertaining to the registration of the property.

Property Related Disposals Notes

- Disposals ID
- Date Approved – The date on which the sale transaction has been approved.
- Item Number – When the sale transaction has been approved by the Board of Directors and recorded in the minutes, the item number under which it has been recorded is inserted here.
- Sale Type – Selected from the drop-down menu.
- Purchaser Name – The name of the purchaser of the property.
- Sale Price – The sale price, excluding VAT, for which the property has been disposed of.
- Date Disposed – the date on which the property was registered into the name of the purchaser in the Deeds Registry Office.
- Purchaser Title Deed Number – The number allocated, by the Deeds Registry Office, to the deed of transfer for the transfer of the property into the name of the purchaser.
- Area – the extent of the property that has been sold.

Expropriation Details:

View Property Related Detail - RDS14767 (Property ID 13197)

Deed and Disposal Details

Expropriation Details

Lease Details

Municipal Details

Geometry, Servitudes and Investment Property Details

History

Property Related Expropriations

Expropriations ID	Acquisition Plan No	Location	Description	Area	Method Of Acquisition	Owners Title Deed	Parent SG Diagram No	Caveat Reference	Date Approved	Date Served	Date Noted
23104	DP-4-349-12_1Z	Woodstock No 397 - JP	Servitude (road) over Ptn 34	0.9221	Wayleave Agreement	T15866/1959				26 Mar 2002	

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Property Related Expropriation Payments

Expropriation Payment ID	Expropriation ID	Payment Type	Description	Payment Date	Amount	Comments	Compensation Type	Compensation Paid To
8573	23104		Financial Loss	16 Apr 2002	1000			MD Henzen
8574	23104		Land	16 Apr 2002	1844,20			MD Henzen

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Close

Expropriation Details Notes

- Expropriation ID
- Acquisition Plan No - This is the number as it appears in the index box on the acquisition plan.
- Location - The location of the property, as at date of expropriation or acquisition.
- Description - The description of the property, as at date of expropriation or acquisition. If only a portion of the property is expropriated or acquired the words “ptn of” is inserted in front of the property description.
Example: ptn of Erf 123
- Area - The approximate extent of the property to be expropriated or acquired is captured in this field. The extent of the land is always captured in hectares and is always captured to indicate four decimal places.
Example: 3.6759
- Method of Acquisition - The method of acquisition is selected from the drop-down menu.
- Owners Title Deed - The title deed number under which the current land owner holds the land.
- Parent SG Diagram No - The survey diagram number of the parent property under which the property is currently recorded in the Surveyor General’s office.
- Caveat Reference - When the expropriation is submitted to the Deeds Registry for noting against the owner’s title deed, a caveat number (EX number) is allocated to the expropriation and the number is recorded in this field.
- Date Approved - The date on which authority was granted by the Minister of Transport to effect payment of compensation.
- Date Served - Only completed if the acquisition process is by means of expropriation. The date on which the Notice of Expropriation was physically served on the owner of the property, posted to him by registered post, or published in the Government Gazette. From this date, dominium (ownership) in the property vest with SANRAL.
- Date Noted - The date on which the expropriation was noted in the Deeds Registry Office.
- Expropriation Payment ID
- Expropriation ID
- Payment Type - The payment type is selected from the drop-down menu.
- Description - The description of the payment.
- Payment Date - The date on which payment was made.
- Amount - The amount paid in respect of each payment type.

- Comments - This is a free text field and any relevant information pertaining to the payment can be recorded here.
- Compensation Type - The payment type is selected from the drop-down menu.
- Compensation Paid To

Lease Details:

View Property Related Detail - RDS14767 (Property ID 13197)

Deed and Disposal Details
Expropriation Details
Lease Details
Municipal Details
Geometry, Servitudes and Investment Property Details
History

Leases related to the Property

Lease ID	MAJV Lease ID	Type of Premises	Improved or Vacant	Lessee	Contact Person	Postal Address	Physical Address	Lessee Domicilium	Email	Tel Office	Tel Home	Cellphone

Lease Rental Agreements related to the Property

Lease Rental ID	Lease ID	MAJV Lease ID	Debtors Ref No	Commencement Date	Termination Date	Termination Year	Basic Monthly Rent	Basic Annual Rent	Escalation	Deposit	Comments

Other Properties related to the Lease on this Property

Lease ID	MAJV Lease ID	Other Property ID	Other Property RDS Number	Location	Portion	Investment Status	Investment Comment	Status	Usage	New Status

Close

- Lease Rental ID
- Lease ID
- MAJV Lease ID
- Debtors Ref No
- Commencement Date - The date on which the lease commences, as stipulated in the deed of lease.
- Termination Date
- Termination Year
- Basic Monthly Rent
- Basic Annual Rent
- Escalation - If the rental is subject to escalation on the anniversary date of the lease, the percentage at which the rental will increase is recorded here.
- Deposit
- Comments

Municipal Details:

View Property Related Detail - RDS14767 (Property ID 13197)

Deed and Disposal Details
Expropriation Details
Lease Details
Municipal Details
Geometry, Servitudes and Investment Property Details
History

Property Related Municipal Accounts

Munic Account Number ID	Municipality	Account Number	Rates	Account Type	Due Date	Account Active	Data Origin	Old Acc No	MAJV ID

Property Related Municipal Account Payments

Munic Account Payment ID	Munic Account Number	Invoice Date	Invoice Number	Payment Ref No	Amount	Date Invoice Received	Date Invoice Paid	MAJV ID

Property Related Municipal Correspondence

Munic Correspondence ID	Correspondence Date	Comments	Response	MAJV ID

Close

Geometry, Servitude and Investment Property Details:

View Property Related Detail - RDS14767 (Property ID 13197)

Deed and Disposal Details

Expropriation Details

Lease Details

Municipal Details

Geometry, Servitudes and Investment Property Details

History

Property Geometry Source

Property Geometry Source ID	Property ID	RDS Number	Geometry Source
244267	13197	RDS14767	Acquisition

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Land Servitudes

Property Servitudes ID	Servitude Type	Servitude Deed Number	Servitude Registration Date	Micro Film Number	Servitude Diagram Number	Servitude Size
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Investment Property Detail

Valuations ID	Financial Year	Property Size	Total Market Value	Remarks	Investment Status	Investment Comments 1	Investment Comments 2
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Close

History:

Deed and Disposal Details

Expropriation Details

Lease Details

Municipal Details

Geometry, Servitudes and Investment Property Details

History

Property History

Date Changed	User Changed	RDS Number	Spatial Ind	Spatial Locked	File Ref Num	Status	New Status	Sub Status	Location Description	Portion Description	Land Area	Parcel No
17/01/10 01:06 AM	Marius Laubscher	RDS14767	N/A	N/A	349/0352	Cancelled	Cancelled		Woodstock No 397 - JP	Servitude (road) over Ptn 34	0	397
17/01/10 01:06 AM	Marius Laubscher	RDS14767	N/A	N/A	349/0352	Cancelled	Cancelled		Woodstock No 397 - JP	Servitude (road) over Ptn 34	0	397
17/01/10 01:06 AM	Marius Laubscher	RDS14767	N/A	N/A	349/0352	Cancelled	Cancelled		Woodstock No 397 - JP	Servitude (road) over Ptn 34	0	397
17/01/10 01:06 AM	Marius Laubscher	RDS14767	Yes	Yes	349/0352	Servitude Acquisition	Servitude	Agreement concluded (No SG available)	Woodstock No 397 - JP	Servitude (road) over Ptn 34	0	397
16/09/20 19:43 PM	Sandile Khanyile	RDS14767	Yes	Yes	349/0352	Servitude Acquisition	Servitude	Agreement concluded (No SG available)	Woodstock No 397 - JP	Serv over Ptn 34	0	397
13/02/06 12:27 PM	Marius Laubscher	RDS14767	Yes	Yes	349/0352	Servitude Acquisition	Servitude	Agreement concluded (No SG available)	Woodstock No 397 - JP	Serv over Ptn 34	0	397
13/02/06 12:27 PM	Marius Laubscher	RDS14767	Yes	Yes	349/0352	Servitude Acquisition	Servitude	Agreement concluded (No SG available)	Woodstock No 397 - JP	Serv over Ptn 34	0	397

1

2

3

3

1

Close

7. Click on the

Area

 button to view property spatial area details

Property View Spatial Area - RDS68062

Land Area (Ha)

0,0366

GIS Area (Ha)

0,0366

Percentage Difference (%)

0,00

Geometry Source

CSO Adjusted

Close

F

8. Click on button **Spatial** to view property spatial details

ID	Validated	Source	CKey Plan Parcel ID	Acquisition ID	GIS Area	Potential IP	Date Added	User Added	Date Updated	User Updated	
244267	yes	Acquisition		5313	4988	Y	2011/06/29 10:45:13 AM	Marius Laubscher	2011/06/29 10:45:13 AM		Remove

- Click on **Remove** to see the details about the record you wish to remove.

Remove Property Geometry ID 244267 from RDS14767 (ID 13197)

RDSNumber	GeometryValidated	GEOMETRY_MATCH	GEOMETRY_MATCH_AC
<input type="text" value="RDS14767"/>	<input type="text" value="1"/>	<input type="text"/>	<input type="text"/>
GEOM_SOURCE	CKEYPLAN_PAR_ID	SG_DIAGRAM_ID	ACQUISITION_ID
<input type="text" value="Acquisition"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="5313"/>
SG21_CODE	SG_TYPE	GIS_AREA	POTENTIAL_IP
<input type="text"/>	<input type="text"/>	<input type="text" value="4988"/>	<input type="text" value="Y"/>
AUD_D_ADD	USER_ADDED	AUD_D_LUPDATE	USER_LAST_UPDATED
<input type="text" value="2011/06/29"/>	<input type="text" value="Marius Laubscher"/>	<input type="text" value="2011/06/29"/>	<input type="text"/>

Remove Property Geometry **Close**

- Click on button **Remove Property Geometry** completely remove the record.

9. Click on button **Lock** to view spatial lock details

Edit Spatial Lock Details on RDS14767 (ID 13197)

Spatially Locked

Update **Close**

- Click on button **Update** to update the spatial lock.

10. On button **+ Add Property** click, all the particulars for the new property that have to be completed pop up.

- Complete the form on each tab

General Property Details Property Location Details Property Survey Details Property Investment and Claims Details Property Audit History

General Property Details tab:

Add Property

General Property Details	Property Location Details	Property Survey Details	Property Investment and Claims Details	Property Audit History
--------------------------	---------------------------	-------------------------	--	------------------------

Registration Number

File Reference Number

Land Area

Parent Property

Select an Option

Location Description

Portion Description

New Status

Select an Option

Status

Status Group

Road Usage

Select an Option

Attorney

Please select

Municipal Accounts

Wayleave Termination

Select an Option

Wayleave Start Date

Wayleave End Date

Notes

Spatial

Select an Option

Spatial Locked

Select an Option

Add Property

Close

Property Location Details tab:

Add Property

General Property Details	Property Location Details	Property Survey Details	Property Investment and Claims Details	Property Audit History
--------------------------	---------------------------	-------------------------	--	------------------------

Section Code

KM Position

Toll Type

Select an Option

Road Network

Select an Option

Region

Select an Option

Province

Select an Option

Magisterial District

Select an Option

Municipality

Select an Option

Add Property

Close

Property Survey Details:

Add Property

General Property Details	Property Location Details	Property Survey Details	Property Investment and Claims Details	Property Audit History
--------------------------	---------------------------	--------------------------------	--	------------------------

Entry Type

Select an Option ▼

Parcel Number

Portion Number

SG Code

SG Code Parent

Surveyed

Select an Option ▼

SG Diagram Number

Diagram Received

Select an Option ▼

Diagram Status

Select an Option ▼

Add Property

Close

Property Investment and Claims Details:

Add Property

General Property Details	Property Location Details	Property Survey Details	Property Investment and Claims Details	Property Audit History
--------------------------	---------------------------	-------------------------	---	------------------------

Investment Status

Select an Option ▼

Investment Comment

Land Claims

Select an Option ▼

Land Claims Description

Select an Option ▼

Add Property

Close

Property Audit History:

Add Property

General Property Details	Property Location Details	Property Survey Details	Property Investment and Claims Details	Property Audit History
--------------------------	---------------------------	-------------------------	--	-------------------------------

Added By

Select an Option ▼

Date Added

Updated By

Select an Option ▼

Date Updated

Add Property

Close

- Once completed click on

Add Property

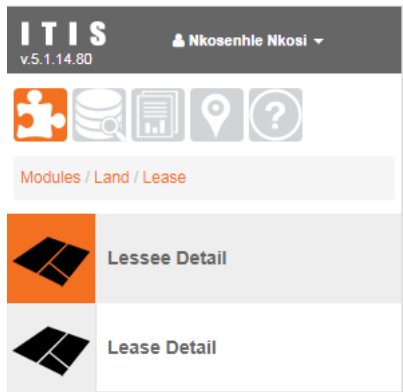
 again to save the new record.
- Click on

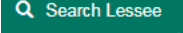
Close

 to close the form.

1.16.9. Lessee Detail

1. Under the Land module, click on Lease and under the lease tab click on Lessee Details.



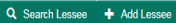

2. A disposal can be searched or added. Click on  to search for lessee details according to any of the following attributes:

Lessee Detail



Search




Lessee Name	Contact Person	Region	Offline Lessee ID
<input type="text"/>	<input type="text"/>	North	<input type="text"/>
Email Address	Lessee Domicilium		
<input type="text"/>	<input type="text"/>		

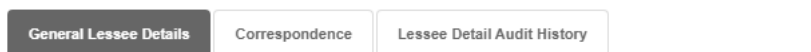
3. Under the Search button the relevant Lessee details will appear.

Lessees						
ID	Lessee Name	Contact Person	Email Address	Cellphone No.	Region	Lessees Domicilium
2363	Shan	123			North	
2327	Shantest1	Shan	shan@gmail.com	0288796639	North	
2325	Sh	Sh			North	
2323	ShanTest	ShanTestEdid234			North	
2303	Ven Test	Ven Test	Ven Test		North	
1839	Tzoneva Asphalt (Pty) Ltd	Karel Frederick Dekker	tzoneva@telkomsa.net		North	
1836	Maria Boshoff	Maria	maria@mcmarket.co.za	083 253 7772	North	1 Surveyor Road Edenglen 1613
1835	FDC Properties (East) Pty Ltd	Ulrich / Tony		082 410 2230	North	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 > 14 1

There are 2 buttons –   a record. Click on the  button to view all the data related to the specific record.

4. When you click on the view button a new window will open where all the feature info and related data can be viewed. You can click on any of these tabs to view related data:



General Lessee Details:

View Lessee Record - (Lessee ID 2363)

General Lessee Details

Correspondence

Lessee Detail Audit History

Lessee Name

Shan

Contact Person

123

Email Address

Office Telephone

Home Telephone

Cellphone Number

Region

North

Fax No

Postal Address

Physical Address

Lessee Domicilium

Close

Correspondence:

View Lessee Record - (Lessee ID 2363)

General Lessee Details

Correspondence

Lessee Detail Audit History

Correspondence Records

ID	Date	Comment	Response
584	2021/10/13	Test	Test

View

View Correspondence Detail - (Correspondence Detail ID 584)

Date

2021/10/13

Comments

Test

Response

Test

Added By

Susan Naude

Date Added

2021/10/26

Updated By

Select an Option

Date Updated

Close

Close

Lessee Detail Audit History:

View Lessee Record - (Lessee ID 2363)

General Lessee Details

Correspondence

Lessee Detail Audit History

Added By

System ITIS

Date Added

2021/10/26


Updated By

Susan Naude

Date Updated

2021/10/26

Close

5. You can edit the record by clicking on the  button.

- You can then update each tab individually by clicking on it

Edit Lessee Record - (Lessee ID 2363)

General Lessee Details

Correspondence

Lessee Detail Audit History

General Lessee details:

Edit Lessee Record - (Lessee ID 2363)

General Lessee Details

Correspondence

Lessee Detail Audit History

Lessee Name

Shan

Contact Person

123

Email Address

Office Telephone

Home Telephone

Cellphone Number

Region

North

Fax No

Postal Address

Physical Address

Lessee Domicilium

Update Lessee Detail

Close

Correspondence:

-Click on button **+ Add New Correspondence Details** to add new correspondence details.

Edit Lessee Record - (Lessee ID 2363)

General Lessee Details

Correspondence

Lessee Detail Audit History

Correspondence Records

+ Add New Correspondence Details

ID	Date	Comment	Response	
584	2021/10/13	Test	Test	<div>View</div> <div>Edit</div>

Add Correspondence Detail

Date

Comments

Response

Added By

Nkosenhle Nkosi

Date Added

2022/03/11

Updated By

Select an Option

Date Updated

Add Correspondence Detail

Discard

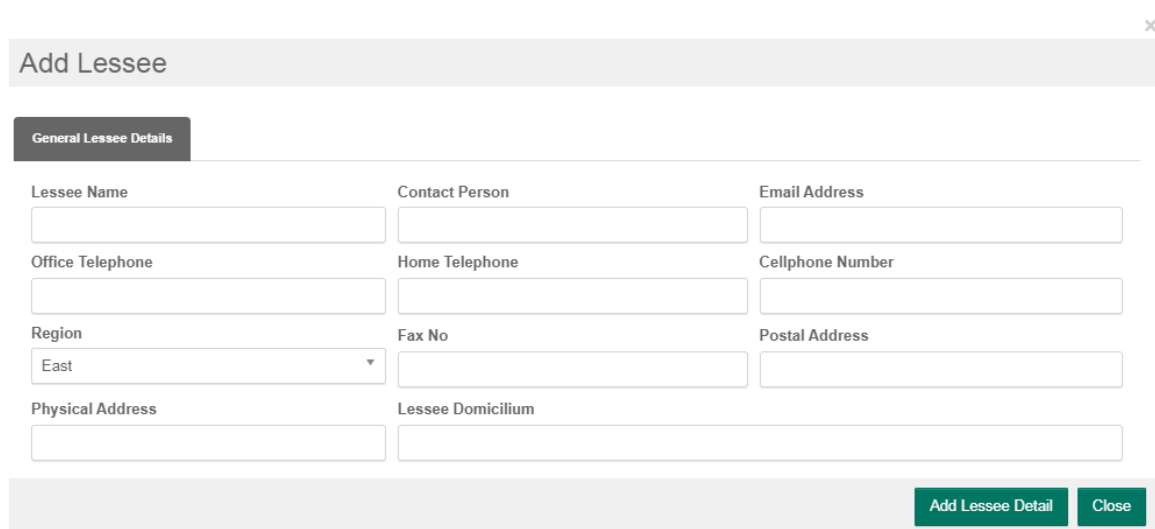
Update Lessee Detail

Close

-And then clicking on **Update Lessee Detail** button when you have edited the data.

- On button **+ Add Lessee** click, all the particulars for the new lessee details that have to be completed pop up.
- Complete the form on the tab. Region and Lessee Name are compulsory.

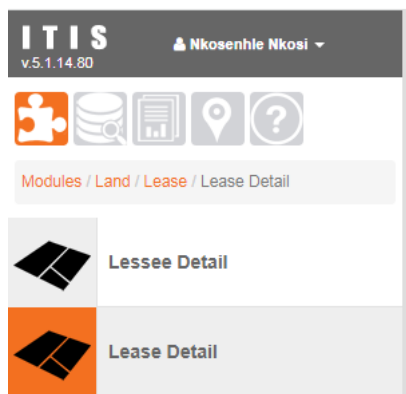
General Lessee Details tab:



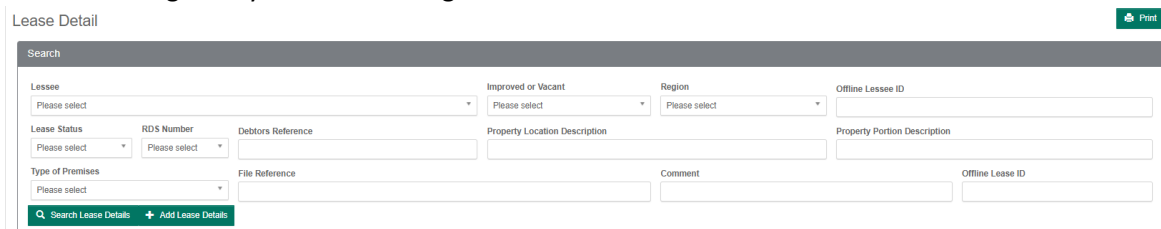
- Once completed click on **Add Lessee Detail** again to save the new record.
- Click on **Close** to close the form.

1.16.10. Lease Detail

1. Under the Land module, click on Lease and under the lease tab click on Lease Details.



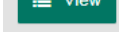


2. A disposal can be searched or added. Click on **Search Lease Details** to search for lease details according to any of the following attributes:



3. Under the Search button the relevant lease details will appear.

Lease Details							
ID	Lessee	Type of Premises	Improved or Vacant	Region	File Reference	RDS Number	Lease Status
2575	Nicosenhe	Land	Improved	East		RDS53123	Current
2574	Nicosenhe	Antenna Site	Improved	Unmapped			
2573	Nicosenhe	Residential & Farming / Agricultural	Improved	South			
2570	Nicosenhe	Agricultural - Farmhouse	Improved	East			
2554	A J Stoberg	Agricultural - Farmhouse	Improved	South			
2553	Nicosenhe	Agricultural Farm	Improved	West		RDS53123	Current
2522	Elizabeth Beeslaar (Brown)	Residential Premises	Improved	West	101E	RDS02455	Current
2522	Elizabeth Beeslaar (Brown)	Residential Premises	Improved	West	101E	RDS02455	Current

- There are 2 buttons –   a record. Click on the  button to view all the data related to the specific record.

- When you click on the view button a new window will open where all the feature info and related data can be viewed. You can click on any of these tabs to view related data:

General Lease Details

Rent Details

Payment Details

Legal Details

Lease Detail Audit History

General Lease details:

View Lease Detail - (Lease Detail ID 2630)

General Lease Details

Rent Details

Payment Details

Legal Details

Lease Detail Audit History

Lessee

(ID: 1399)

Improved or Vacant

Improved

Region

East

Type of Premises

Agricultural

File Reference

Comment

Closed/Open Tender

Open

BEE Level

Not Selected

Pdi Status

Close

Rent Details:

View Lease Detail - (Lease Detail ID 2630)

General Lease Details

Rent Details

Payment Details

Legal Details

Lease Detail Audit History

Rent Detail Records

ID	Commencement Date	Expiry Date	Status	Debtors Ref	RDS Number	Actual Termination Date	Lease Extent
3748	2024/10/03	2024/10/17	Current	545			3

View

View Rent Detail - (Rent Detail ID 3748)

Commencement Date

Expiry Date

Termination Year

Actual Termination Date

Basic Monthly Rent (R)

Basic Annual Rent (R)

2024/10/03

2024/10/17

2

Escalation

Deposit (R)

Comments

Breaches

Debtors Reference

Monthly Rental

Lease Status

545

Yes

Current

RDS Numbers

Lease Extent(Ha)

RDS Extent

Include Vat

Select Some Options

3

☐

Added By

Date Added

Updated By

Date Updated

Sikhulile Thabete

2024/10/08

Sikhulile Thabete

2024/10/08

Close

Close

- Click on **RDS Extent** to view the Lease Property table:

View Rent Detail - (Rent Detail ID 3126)

Lease property

ID	Lease Rent Id	RDS Number	RDS Extent
5124	3126	RDS53123	7897

View

View Lease Property - (Lease Property ID 5124)

Identifier

Lease Rent Id

RDS Number

RDS Extent

5124

3126

23396

7897

Close

Payment Details:

General Lease Details

Rent Details

Payment Details

Legal Details

Lease Detail Audit History

Payment Records

+ Add New Payment Detail

ID	Payment Date	Payment Amount	Comments
76803	2023/02/15	R 7	<div>View</div> <div>Edit</div>

1

1

View Payment Detail - (Payment Detail ID 76803)

Payment Date

2023/02/15

Payment Amount

7

Payment Month

Jan

Comment

Added By

Nkosenhle Nkosi

Date Added

2023/02/15

Updated By

Select an Option

Date Updated

Close

Update Lease Detail

Close

Legal Details:

Legal Records

ID	Box Number	Legal Status	Added By	Added Date	Updated By	Updated Date
87	14793	Legal Status 1	Nkosenhle	2023/02/24	Nkosenhle	2023/04/14

1

1

Comments

- Click



to view legal comments:

Legal Comments

ID	Comment	Added By	Added Date	Updated By	Updated Date
1	Everything is fine.	Nkosenhle	2023/03/15	Nkosenhle	2023/03/29

1

1

View

View Legal Comment - (Legal Comment ID 1)

Comment

Everything is fine.

Close

Lease Detail Audit History:

View Lease Detail - (Lease Detail ID 2384)

General Lease Details

Rent Details

Payment Details

Legal Details

Lease Detail Audit History

Added By

Taylor van der Westhuizen

Date Added

2021/08/27

Updated By

Select an Option

Date Updated

Close

5. - You can edit the record by clicking on the Edit button.

- You can then update each tab individually by clicking on it

General Lease Details:

Edit Lease Detail - (Lease Detail ID 2575)

General Lease Details

Rent Details

Payment Details

Legal Details

Lease Detail Audit History

Lessee

Nkosenhle (ID: 2363)

Improved or Vacant

Improved

Region

East

Type of Premises

Land

File Reference

Comment

Closed/Open Tender

Open

Update Lease Detail

Close

Rent Details:

- Click on button

+ Add New Rent Details

 to add new rent details.

Add Rent Detail

Commencement Date

Expiry Date

Termination Year

Actual Termination Date

Basic Monthly Rent

Basic Annual Rent

Annual Update Date

Escalation

Deposit

Comments

Breaches

Debtors Reference

Monthly Rental

Lease Status

Properties

Lease Extent

RDS Extent

Include Vat

Added By

Date Added

Updated By

Date Updated

Add Rent Detail

Discard

Payment details:

- Click on button

+ Add New Payment Detail

 to add new payment details.

Edit Lease Detail - (Lease Detail ID 2383)

General Lease Details

Rent Details

Payment Details

Legal Details

Lease Detail Audit History

Payment Records

+ Add New Payment Detail

ID

Payment Date

Payment Amount

Comments

Add Payment Detail

Payment Date

Payment Amount

Payment Month

Comment

Added By

Date Added

Updated By

Date Updated

Add Payment Detail

Discard

Update Lease Detail

Close

Legal Details:

- Click on button

+ Add New Legal Information

 to add new legal details.

Add Legal Detail

Box Number

Legal Status

- And then click on **Update Lease Detail** button when you have edited the data.
- 6. On button **+ Add Lease Details** click, all the particulars for the new lease details that have to be completed pop up.
- Complete the form on the tab. Lessee, region and type of premises are compulsory.

General Lease Details tab:

Add Lease Detail

General Lease Details

Lessee

Improved or Vacant

Region

Type of Premises

File Reference

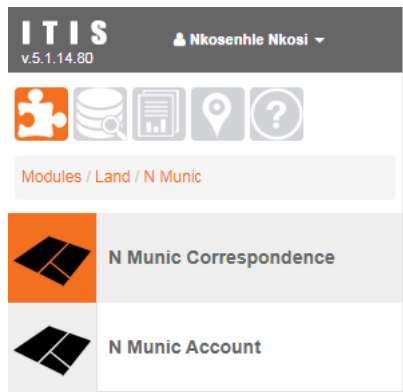
Comment

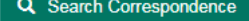
Closed/Open Tender


- Once completed click on **Add Lease Detail** again to save the new record.
- Click on **Close** to close the form.

1.16.11. N Munic Correspondence

1. Under the Land module, click on N Munic and under the lease tab click on N Munic Correspondence.

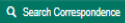



2. A correspondence can be searched or added. Click on  to search for records according to any of the following attributes: Property.

Municipal Correspondence Detail 





Search

RDS Number <input type="text" value="Please select"/>	Correspondence Date <input type="text"/>	Comments <input type="text"/>
Responses <input type="text"/>	Offline ID <input type="text"/>	

3. Under the Search button the relevant lease details will appear.

Municipal Correspondence						
ID	RDS Number	Correspondence Date	Comments	Response	Offline ID	
38960	RDS53123				0	  
1 1						

- There are 3 buttons –    a record. Click on the  button to view all the data related to the specific record.

4. When you click on the view button a new window will open where all the feature info and related data can be viewed. You can click on any of these tabs to view related data:



General Municipal Correspondent Details:

View Municipal Correspondence Record - (Municipal Correspondence ID 38960)

General Municipal Correspondent Details

Municipal Correspondent Detail Audit History

RDS Number

Correspondence Date

Comments

RDS53123

Responses

Close

Municipal Correspondent Detail Audit History:

View Municipal Correspondence Record - (Municipal Correspondence ID 38960)

General Municipal Correspondent Details

Municipal Correspondent Detail Audit History

Added By

Date Added

Updated By

Date Updated


Skhulile Thabete

2024/10/08

Skhulile Thabete

2024/10/08

Close

5. You can edit the record by clicking on the  button.

- You can then update each tab individually by clicking on it

Edit Municipal Correspondence Record - (Municipal Correspondence ID 39099)

General Municipal Correspondent Details

Municipal Correspondent Detail Audit History

General Municipal Correspondent Details:

Edit Municipal Correspondence Record - (Municipal Correspondence ID 38960)

General Municipal Correspondent Details

Municipal Correspondent Detail Audit History

RDS Number

Correspondence Date

Comments



RDS53123

Responses

Update Municipal Correspondence Detail

Close

- And then click on  button when you have edited the data.

6. You can delete the record by clicking on the  button to view the full details of the record and click on  to completely remove the record.

Delete Municipal Correspondence Record - (Municipal Correspondence ID 38960)

General Municipal Correspondent Details		Municipal Correspondent Detail Audit History
RDS Number	Correspondence Date	Comments
<input type="text" value="RDS53123"/>	<input type="text"/>	<input type="text"/>
Responses		
<input type="text"/>		
		<input type="button" value="Delete Municipal Correspondence"/> <input type="button" value="Close"/>

7. On button click, all the particulars for the new correspondence that have to be completed pop up.
- Complete the form on the tab.

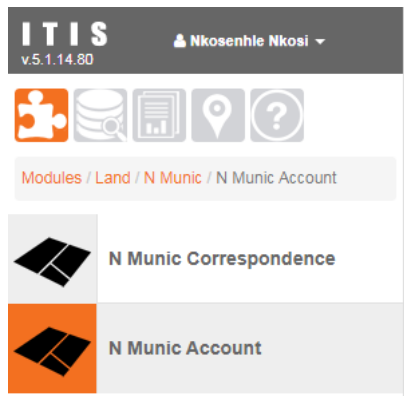
General Municipal Correspondent Details tab:

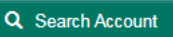
Add Municipal Correspondence		
General Municipal Correspondent Details		Municipal Correspondent Detail Audit History
RDS Number	Correspondence Date	Comments
<input type="text" value="Please select"/>	<input type="text"/>	<input type="text"/>
Responses		
<input type="text"/>		
		<input type="button" value="Add Municipal Correspondent Detail"/> <input type="button" value="Close"/>

- Once completed click on again to save the new record.
- Click on to close the form.

1.16.12. N Munic account

1. Under the Land module, click on N Munic and under the lease tab click on N Munic Account.





2. An account can be searched or added. Click on  to search for records according to any of the following attributes: Municipality, Type and/or Property.

Municipal Account Detail





























Search

Municipality <input type="text" value="Please select"/>	Account Number <input type="text"/>	RDS Number <input type="text" value="Please select"/>
Rates <input type="text"/>	Type <input type="text" value="Please select"/>	Offline ID <input type="text"/>

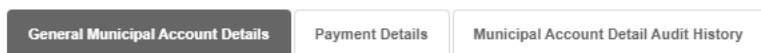
 

3. Under the Search button the relevant account details will appear.

Municipal Account							
ID	Municipality	Account Number	RDS Number	Rates	Account Type	Offline ID	
32583	City of Johannesburg Metropolitan Municipality	553078193	RDS66527	0	ZERO RATED	11191	  
32580	Elias Motsoaledi Local Municipality	0009001727	RDS44188	0	ZERO RATED	11188	  
32475	City of Johannesburg Metropolitan Municipality	550991059	RDS10066	0	ZERO RATED	11154	  
32471	City of Johannesburg Metropolitan Municipality	300028141	RDS12137	0	ZERO RATED	11150	  
32454	City of Johannesburg Metropolitan Municipality	403653002	RDS12931	0	ZERO RATED	11148	  
32453	City of Johannesburg Metropolitan Municipality	403653637	RDS12097	0	ZERO RATED	11147	  
32452	City of Johannesburg Metropolitan Municipality	303705881	RDS27352	0	ZERO RATED	11146	  
32451	City of Johannesburg Metropolitan Municipality	551183801	RDS37073	0	ZERO RATED	11145	  

- There are 3 buttons –    a record. Click on the  button to view all the data related to the specific record.

4. When you click on the view button a new window will open where all the feature info and related data can be viewed. You can click on any of these tabs to view related data:



General Municipal Account Details:

View Municipal Account Record - (Municipal Account ID 32583)

General Municipal Account Details
Payment Details
Municipal Account Detail Audit History

Municipality
City of Johannesburg Metropolitan Municipality

Account Number
553078193

RDS Number
RDS66527

*** Indicates historic municipalities

Rates
0

Type
ZERO RATED

Day of Due Date
1

Active Account
Yes

Data Origin

Old Account Number

Close

Payment Details:

View Municipal Account Record - (Municipal Account ID 32583)

General Municipal Account Details
Payment Details
Municipal Account Detail Audit History

Payment Records

ID	Property	Invoice Date	Invoice Number	Payment ref Number	Amount	
162810	RDS66527	2015/08/25	553078193	118307	0	View

1
1

View Payment Detail - (Payment Detail ID 162810)

Property
RDS66527

Invoice Date
2015/08/25

Invoice Number
553078193

Payment Reference
118307

Amount(R)
0

Date Invoice Received
2015/10/14

Date Invoice Paid
2015/12/03

Added By
Nonsikelelo Hlongwane

Date Added
2015/11/20

Updated By
Nonsikelelo Hlongwane

Date Updated
2015/12/04

Close

Close

Municipal Account Detail Audit History:

View Municipal Account Record - (Municipal Account ID 32583)

General Municipal Account Details
Payment Details
Municipal Account Detail Audit History


Added By
Pinky Armichand

Date Added
2015/11/19

Updated By
Nonsikelelo Hlongwane

Date Updated
2015/12/04

Close

5. You can edit the record by clicking on the  button.

- You can then update each tab individually by clicking on it

Edit Municipal Account Record - (Municipal Account ID 32835)

General Municipal Account Details
Payment Details
Municipal Account Detail Audit History

General Municipal account Details:

Edit Municipal Account Record - (Municipal Account ID 32583)

General Municipal Account Details | Payment Details | Municipal Account Detail Audit History

Municipality: City of Johannesburg Metropolitan Municipality (JHB) | Account Number: 553078193 | RDS Number: RDS88527

*** Indicates historic municipalities

Rates: 1 | Type: ZERO RATED | Day of Due Date: 1

Active Account: Yes | Data Origin: | Old Account Number:

Update Municipal Account Detail | Close

Payment Details:

- Click on **+ Add New Payment Detail** to add new payment details.

Edit Municipal Account Record - (Municipal Account ID 32835)

General Municipal Account Details | **Payment Details** | Municipal Account Detail Audit History

Payment Records

+ Add New Payment Detail

ID	Property	Invoice Date	Invoice Number	Payment ref Number	Amount
----	----------	--------------	----------------	--------------------	--------

Add Payment Detail

Property: RDS53123 | Invoice Date: | Invoice Number: | Payment Reference: | Amount: | Date Invoice Received: | Date Invoice Paid: |

Added By: Nkosenhle Nkosi | Date Added: 2022/03/11 | Updated By: Select an Option | Date Updated: |

Add Payment Detail | Discard


Update Municipal Account Detail | Close

- And then click on **Update Municipal Account Detail** button when you have edited the data.

6. You can delete the record by clicking on the **Delete** button to view the full details of the record and click on **Delete Municipal Account** to completely remove the record.

Delete Municipal Account Record - (Municipal Account ID 32583)



General Municipal Account Details	Payment Details	Municipal Account Detail Audit History
Municipality City of Johannesburg Metropolitan Municipality <small>*** indicates historic municipalities</small>	Account Number 553078193	RDS Number RDS88527
Rates 0	Type ZERO RATED	Day of Due Date 1
Active Account Yes	Data Origin 	Old Account Number
		Delete Municipal Account Close

7. On button  click, all the particulars for the new account that have to be completed pop up.
- Complete the form on the tab. Municipality, Type and Property are compulsory.

General Municipal Account Details tab:

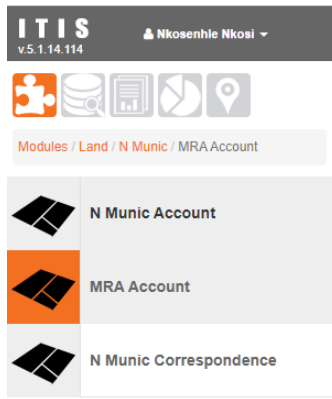
Add Municipal Account

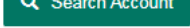
General Municipal Account Details		
Municipality Please select <small>*** indicates historic municipalities</small>	Account Number 	RDS Number Please select
Rates 	Type Please select	Day of Due Date Please select
Active Account Please select	Data Origin 	Old Account Number
		Add Municipal Account Detail Close

- Once completed click on  again to save the new record.
- Click on  to close the form.

1.16.13. MRA

1. Under the Land module, click on N Munic and under the lease tab click on N Munic Account.



2. An account can be searched or added. Click on  to search for records according to any of the following attributes: Municipality, Type and/or Property.



Municipal Account Detail



















Search

Municipality: Account Number: RDS Number:


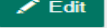

Rates: Type: Offline ID:

3. Under the Search button the relevant account details will appear.

Municipal Account							
ID	Municipality	Account Number	Property	Rates	Account Type	Offline Id	
32670	AbaQulusi Local Municipality	1456	RDS53123	1.23	ANNUAL	0	 
32650	Ikheis Local Municipality	123456	RDS40528	0.02	ANNUAL	0	 
32613	The Big 5 False Bay	PSI000101	RDS14545	0.31	ANNUAL	11194	 
32612	The Big 5 False Bay	PSI000118	RDS14533	0.31	ANNUAL	11193	 
32492	Mkhondo Local Municipality	0000752304	RDS57080	209.64	ANNUAL	11171	 
32491	Phumelela Local Municipality	01/500104504	RDS22752	70.2	ANNUAL	11170	 
32490	Phumelela Local Municipality	01/500102104	RDS54930	429	ANNUAL	11169	 
32489	Phumelela Local Municipality	01/500104901	RDS22739	124.8	ANNUAL	11168	 

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 ... 238 1

- There are 2 buttons –   a record. Click on the  button to view all the data related to the specific record.

4. When you click on the view button a new window will open where all the feature info and related data can be viewed. You can click on any of these tabs to view related data:

View Municipal Rate Account Record - (Municipal Account ID 32670)

General Municipal Account Details	Municipal Details	Tariff Details	Checks	Summary	Section 50's	Corrected Actions	Payment Details	MRA Audit History
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General Municipal Account Details:

General Municipal Account Details			Municipal Details	Tariff Details	Checks	Summary	Section 60's	Corrected Actions	Payment Details	MRA Audit History	
Municipality		Account Number		RDS Number							
Bergrivier Local Municipality		123456		RDS53123							
Rates		Type		Day of Due Date							
		ANNUAL		Please select							
Active Account		Data Origin		Old Account Number							
No											
Pin number		Holding number									
Reg Div		Reg Div									
Town/Farm/Agr Holding Name		Town/Farm/Agr Holding Name									
		Grassmere No 2 No 9237 - ET									
EXT		EXT									
		0									
ERF number		ERF number									
Farm number		Farm number									
		9237									
Portion number		Portion number									
		60									
Size of property		<input type="checkbox"/> Nil Account									
Municipal Valuation (R/Amount)		Valuation									
15,37		15,37									

Close

Municipal Details:

- Click on [+ Add New Municipal Detail](#) to a new municipal record

Add Municipal Detail

Valuation Roll Begin Date	Valuation Roll End Date		
Financial Year	*		
Select an Option			
Owner	Category		
	Select an Option		
Rate	Number of Months		
Rebate percentage(%)	Rebate(R)		
Rates Amount Month Excluding VAT(R)	<input type="checkbox"/> Remainder		
Valuation Rate HA	Municipal Valuation Amount	Date Received	
Phase out percentage(%)	Phasing out year		
Select an Option	Select an Option		
Added By	Date Added	Updated By	Date Updated
Skhulile Thabete	2024/10/14	Select an Option	

Add Municipal Detail
Discard



- Insert data into fields. The fields marked with red asterisks are required.
- Click on [Add Municipal Detail](#) to save the new record.

- Click on  to view a record.

View Municipal Detail - (Municipal Rate Account ID 41)

Valuation Roll Begin Date	Valuation Roll End Date		
2023/01/19	2023/01/19		
Financial Year			
2020-2021			
Owner	Category		
	Business and Commercial		
Rate	Number of Months		
3	1		
Rebate percentage%	Rebate (Rands)		
10			
Rates Amount Month Excluding VAT	<input checked="" type="checkbox"/> Remainder		
3			
Valuation Rate HA	Municipal Valuation Amount	Date Received	PropWatch Calculation Value
3	280000	2023/01/19	680370.00
Phase out percentage	Phasing out year		
20	2021		
Added By	Date Added	Updated By	Date Updated
Nkosenhle Nkosi	2023/01/19	Select an Option	



Close

- Click on  to close the modal.
- Should you wish to edit a record, click on .

Edit Municipal Detail - (Municipal Rate Account ID 41)

Valuation Roll Begin Date	Valuation Roll End Date		
2023/01/19	2023/01/19		
Financial Year			
2020-2021			
Owner	Category		
	Business and Commercial		
Rate	Number of Months		
3	1		
Rebate percentage%	Rebate (Rands)		
10			
Rates Amount Month Excluding VAT	<input checked="" type="checkbox"/> Remainder		
3			
Valuation Rate HA	Municipal Valuation Amount	Date Received	PropWatch Calculation Value
3	280000	2023/01/19	680370.00
Phase out percentage	Phasing out year		
20	2021		
Added By	Date Added	Updated By	Date Updated
Nkosenhle Nkosi	2023/01/19	Select an Option	

Update Municipal Detail Discard

- Click on  to save the changes or  to close the modal.

Tariff Details:

- Click on  to a new tariff record

Add Tariff detail

Rates Tariff Details		Municipal Details	
Category (Rates)	<input type="text" value="Select an Option"/>	* Category	<input type="text"/>
Financial Year	<input type="text" value="Select an Option"/>	*	
<input type="checkbox"/> Received Rates Tariffs			
<input type="checkbox"/> If No, requested from municipality?			
Responsible Person	<input type="text" value="Select an Option"/>		
Date Received	<input type="text"/>		
Policy Rate	<input type="text"/>	Rates	<input type="text"/>
Added By	<input type="text" value="Nkosenhle Nkosi"/>	Date Added	<input type="text" value="2023/01/19"/>
		Updated By	<input type="text" value="Select an Option"/>
		Date Updated	<input type="text"/>

- Insert data into fields. The fields marked with red asterisks are required.
- Click on to save the new record.
- Click on to view a record.

View Tariff detail - (Tariff detail ID 41)

Rates Tariff Details		Municipal Details	
Category (Rates)	<input type="text" value="Religious Purposes"/>	* Category	<input type="text"/>
Financial Year	<input type="text" value="2020-2021"/>	*	
<input checked="" type="checkbox"/> Received Rates Tariffs			
<input checked="" type="checkbox"/> If No, requested from municipality?			
Responsible Person	<input type="text" value="Wallie Collatz"/>		
Date Received	<input type="text" value="2023/01/19"/>		
Policy Rate	<input type="text" value="3"/>	Rates	<input type="text"/>
Added By	<input type="text" value="Nkosenhle Nkosi"/>	Date Added	<input type="text" value="2023/01/19"/>
		Updated By	<input type="text" value="Select an Option"/>
		Date Updated	<input type="text"/>

- Click on to close the modal.
- Should you wish to edit a record, click on .

Edit Tariff detail - (Tariff detail ID 41)

Rates Tariff Details

Category (Rates)

Religious Purposes

Financial Year

2020-2021

☒ Received Rates Tariffs

☒ If No, requested from municipality?

Responsible Person

Wallie Collatz

Date Received

2023/01/19

Policy Rate

3

Municipal Details

* Category

Business and Commercial

Rates

3

Added By

Nkosenhle Nkosi

Date Added

2023/01/19

Updated By

Select an Option

Date Updated

Update Tariff Detail

Discard

- Click on **Update Tariff Detail** to save the changes or **Discard** to close the modal.

Checks:

- Click on **+ Add New Check Detail** to a new checks record

Add Checks

☐ Account Number

☐ Requested Account Number

Date Requested Acc No

Date Acc No Received

☐ Check Rates

Account Rates (R/Month EXCL VAT)

Proposed Rate

Financial Year

Select an Option

* Proposed Calculation

Revised Calculation

☐ Sanral Property

Objection Property

Select an Option

Proposed Owner

☐ Description

Objection Description

Select an Option

Proposed Description

☐ Size

Objection Size

Select an Option

Proposed Size

☐ Category

Objection Category

Select an Option

Proposed Category

Select an Option

☐ Valuation

Objection Valuation

Select an Option

Proposed Valuation

☐ 30% PSI Value Reduction

Letter Value Reduction

Select an Option

☐ Phasing In

☐ Phasing in Section 21 & 22

☐ Letter Phasing in

Phase in percentage

Select an Option

Phase out percentage

Select an Option

☐ Check Rebate

Objection rebate

Select an Option

Proposed Rebate

Annual Rebate

Check Responsible Person

Select an Option

* Responsible person email

* Proposed Rebate (Rands)

Objection Resolve Date	Objection Resolve Comment		
<input type="text"/>	<input type="text"/>		
ACCOUNT VERIFICATION			
<input type="checkbox"/> Correct Account	<input type="checkbox"/> Objection Letter	<input type="checkbox"/> Notification Letter	<input type="checkbox"/> Query Letter
<input type="checkbox"/> Account Checked	Date Checked	Attachments	
	<input type="text"/>	<input type="text"/>	
Added By	Date Added	Updated By	Date Updated
<input type="text" value="Nkosenhle Nkosi"/>	<input type="text" value="2023/01/19"/>	<input type="text" value="Select an Option"/>	<input type="text"/>
			<input type="button" value="Add Check Detail"/> <input type="button" value="Discard"/>

- Insert data into fields. The fields marked with red asterisks are required.
- Click on to save the new record.
- Click on to view a record.

View Checks - (Municipal Rate Account ID 41)

<input checked="" type="checkbox"/> Account Number	<input checked="" type="checkbox"/> Requested Account Number	Date Requested Acc No	Date Acc No Received
		<input type="text" value="2023/01/19"/>	<input type="text" value="2023/01/19"/>
<input type="checkbox"/> Check Rates	Account Rates (R/Month EXCL VAT)	Proposed Rate	
	<input type="text"/>	<input type="text"/>	
Financial Year	* Proposed Calculation	Revised Calculation	
<input type="text" value="2020-2021"/>	<input type="text"/>	<input type="text"/>	
<input checked="" type="checkbox"/> Sanral Property	Objection Property	Proposed Owner	
	<input type="text" value="Yes"/>	<input type="text"/>	
<input type="checkbox"/> Description	Objection Description	Proposed Description	
	<input type="text" value="Select an Option"/>	<input type="text"/>	
<input type="checkbox"/> Size	Objection Size	Proposed Size	
	<input type="text" value="Select an Option"/>	<input type="text"/>	
<input type="checkbox"/> Category	Objection Category	Proposed Category	
	<input type="text" value="Select an Option"/>	<input type="text" value="Select an Option"/>	
<input type="checkbox"/> Valuation	Objection Valuation	Proposed Valuation	
	<input type="text" value="Select an Option"/>	<input type="text"/>	
<input type="checkbox"/> 30% PSI Value Reduction	Letter Value Reduction		
	<input type="text" value="Yes"/>		
<input type="checkbox"/> Phasing In	<input type="checkbox"/> Phasing In Section 21 & 22	<input type="checkbox"/> Letter Phasing In	Phase in percentage
			<input type="text" value="20"/>
Phase out percentage			
<input type="text" value="10"/>			
<input type="checkbox"/> Check Rebate	Objection rebate	Proposed Rebate	Annual Rebate
	<input type="text" value="No"/>	<input type="text"/>	<input type="text"/>
Check Responsible Person	* Responsible person email	* Proposed Rebate (Rands)	
<input type="text" value="Helen Maturure"/>	<input type="text" value="me@gmail.com"/>	<input type="text"/>	
Objection Resolve Date	Objection Resolve Comment		
<input type="text"/>	<input type="text"/>		

- Click on to close the modal.
- Should you wish to edit a record, click on .

Edit Checks - (Municipal Rate Account ID 41)

<input checked="" type="checkbox"/> Account Number	<input checked="" type="checkbox"/> Requested Account Number	Date Requested Acc No 2023/01/19	Date Acc No Received 2023/01/19
<input type="checkbox"/> Check Rates	Account Rates (R/Month EXCL VAT) <input type="text"/>	Proposed Rate <input type="text"/>	
Financial Year 2020-2021	* Proposed Calculation <input type="text"/>	Revised Calculation <input type="text"/>	
<input checked="" type="checkbox"/> Sanral Property	Objection Property Yes	Proposed Owner <input type="text"/>	
<input type="checkbox"/> Description	Objection Description Select an Option	Proposed Description <input type="text"/>	
<input type="checkbox"/> Size	Objection Size Select an Option	Proposed Size <input type="text"/>	
<input type="checkbox"/> Category	Objection Category Select an Option	Proposed Category Select an Option	
<input type="checkbox"/> Valuation	Objection Valuation Select an Option	Proposed Valuation <input type="text"/>	
<input type="checkbox"/> 30% PSI Value Reduction	Letter Value Reduction Yes		
<input type="checkbox"/> Phasing In	<input type="checkbox"/> Phasing in Section 21 & 22	<input type="checkbox"/> Letter Phasing in	Phase in percentage 20
Phase out percentage 10			
<input type="checkbox"/> Check Rebate	Objection rebate No	Proposed Rebate <input type="text"/>	Annual Rebate <input type="text"/>
Check Responsible Person Helen Maturure	* Responsible person email me@gmail.com	* Proposed Rebate (Rands) <input type="text"/>	

- Click on **Update Check Detail** to save the changes or **Discard** to close the modal.



Summary:

- Click on **+ Add New Summary Detail** to a new summary record

Add Summary detail

Financial Year *	2020-2021
Corrective Action	<input type="text"/>
Objection Lodged	<input type="text"/>
Objection Remarks	<input type="text"/>
Added By Nkosenhle Nkosi	Date Added 2023/01/19
Updated By Select an Option	Date Updated

- Insert data into fields. The fields marked with red asterisks are required.

- Click on  to save the new record.
- Click on  to view a record.

View Summary detail - (Municipal Rate Account ID 21)

Financial Year ^{*}

2020-2021

Corrective Action

NOTIFICATION SENT TO THE COUNCIL, THE MARKET VALUE AND SIZE IS CORRECT, HOWEVER, THE CATEGORY SHOULD BE PSI (WITH A RATE OF 0, 0% REBATE AND 100% PHASING-OUT REBATE)

Objection Lodged

Objection Remarks

ASSUMING THE COUNCIL RECTIFIES THIS, THE MARKET VALUE AND SIZE WILL NOT CHANGE, BUT THE CATEGORY CHANGES TO PSI (WITH A RATE OF 0, 0% REBATE AND 100% PHASING-OUT REBATE) THE MONTHLY RATES WILL THEREFORE COME TO R0.00

Added By

Nkosenhle Nkosi

Date Added



2023/01/19

Updated By

Select an Option

Date Updated

Close

- Click on  to close the modal.
- Should you wish to edit a record, click on 

Edit Summary detail - (Municipal Rate Account ID 21)

Financial Year ^{*}

2020-2021

Corrective Action

NOTIFICATION SENT TO THE COUNCIL, THE MARKET VALUE AND SIZE IS CORRECT, HOWEVER, THE CATEGORY SHOULD BE PSI (WITH A RATE OF 0, 0% REBATE AND 100% PHASING-OUT REBATE)

Objection Lodged

Objection Remarks

ASSUMING THE COUNCIL RECTIFIES THIS, THE MARKET VALUE AND SIZE WILL NOT CHANGE, BUT THE CATEGORY CHANGES TO PSI (WITH A RATE OF 0, 0% REBATE AND 100% PHASING-OUT REBATE) THE MONTHLY RATES WILL THEREFORE COME TO R0.00

Added By

Nkosenhle Nkosi

Date Added

2023/01/19


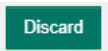
Updated By

Select an Option

Date Updated

Update Summary Detail

Discard

- Click on  to save the changes or  to close the modal.

Section 50s:



- Click on  to a new section 50 record

Add Section 50 Detail

As per municipality Ownership <input type="text"/> Financial Year Select an Option Valuation <input type="text"/> Category Select an Option Size <input type="text"/> Responsible Person Select an Option	As proposed by mps Ownership <input type="text"/> Valuation <input type="text"/> Category Business and Commercial Size <input type="text"/> Objection <input type="checkbox"/> Objected Objection Date <input type="text"/> Objection type <input type="checkbox"/> Valuation <input type="checkbox"/> Calculation error <input type="checkbox"/> Description <input type="checkbox"/> Owner <input type="checkbox"/> Size <input type="checkbox"/> Category
--	--

Added By Nkosenhle Nkosi	Date Added 2023/01/19	Updated By Select an Option	Date Updated <input type="text"/>
-----------------------------	--------------------------	--------------------------------	--------------------------------------

Add Sect50 Detail
Discard

- Insert data into fields. The fields marked with red asterisks are required.
- Click on  to save the new record.
- Click on  to view a record.

View Section 50 Detail - (Section 50 Detail ID 41)

As per municipality	As proposed by mps		
Ownership SANRAL	Ownership SANRAL		
Financial Year 2020-2021			
Valuation	Valuation		
Category Religious Purposes	Category Business and Commercial		
Size 2.6	Size 2.6		
Responsible Person Helen Maturure			
Objection			
<input checked="" type="checkbox"/> Objected	Objection Date 2023/01/19		
Objection type			
<input checked="" type="checkbox"/> Valuation <input type="checkbox"/> Calculation error <input type="checkbox"/> Description <input type="checkbox"/> Owner <input checked="" type="checkbox"/> Size <input type="checkbox"/> Category			
Added By Nkosenhle Nkosi	Date Added 2023/01/19	Updated By Select an Option	Date Updated

Close

- Click on **Close** to close the modal.

- Should you wish to edit a record, click on **Edit**

Edit Section 50 Detail - (Section 50 Detail ID 41)

As per municipality	As proposed by mps		
Ownership SANRAL	Ownership SANRAL		
Financial Year 2020-2021			
Valuation	Valuation		
Category Religious Purposes	Category Business and Commercial		
Size 2.6	Size 2.6		
Responsible Person Helen Maturure			
Objection			
<input checked="" type="checkbox"/> Objected	Objection Date 2023/01/19		
Objection type			
<input checked="" type="checkbox"/> Valuation <input type="checkbox"/> Calculation error <input type="checkbox"/> Description <input type="checkbox"/> Owner <input checked="" type="checkbox"/> Size <input type="checkbox"/> Category			
Added By Nkosenhle Nkosi	Date Added 2023/01/19	Updated By Select an Option	Date Updated

Update Sect50 Detail **Discard**

- Click on **Update Sect50 Detail** to save the changes or **Discard** to close the modal.

Corrected Actions:

- Click on  to a new section 50 record

Add Corrected Actions

OBJECTION §

Financial Year *

Category Result *

Valuation Result

Owner Result

Size Result

☐ Municipal Valuers Decision

Date Decision Received

☐ Objection Resolved

Date Objection Resolved

LETTER §

☐ Received Reply

Correct on Billing System

Added By

APPEAL

☐ Appeal

Appeal Date

☐ Appeal Document Submitted

Responsible Manager *

Category Appeal Result *

Valuation Appeal Result

Owner Appeal Result

Size Appeal Result

☐ Appeal Board Decision

Approved Date

Outcome

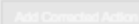

Date Reply Received

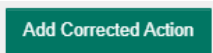
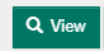
☐ Followed Up

Date Added

Updated By

Date Updated

- Insert data into fields. The fields marked with red asterisks are required.
- Click on  to save the new record.
- Click on  to view a record.

View Corrected Actions - (Municipal Rate Account ID 41)

OBJECTIONS

Financial Year *

2020-2021

Category Result *

Religious Purposes

Valuation Result

Owner Result

Size Result

☒ Municipal Valuers Decision

Date Decision Received

☒ Objection Resolved

Date Objection Resolved

2023/01/19

LETTERS

☒ Received Reply

APPEAL

☒ Appeal

Appeal Date

2023/01/20

☐ Appeal Document Submitted

* Responsible Manager *

Vanessa Venter

* Category Appeal Result *

Business and Commercial

Valuation Appeal Result

Owner Appeal Result

Size Appeal Result

☐ Appeal Board Decision

Approved Date

Outcome

Date Reply Received

2023/01/19

- Click on [Close](#) to close the modal.

- Should you wish to edit a record, click on [Edit](#)

Edit Corrected Actions - (Municipal Rate Account ID 41)

OBJECTIONS

Financial Year *

2020-2021

Category Result *

Religious Purposes

Valuation Result

Owner Result

Size Result

☒ Municipal Valuers Decision

Date Decision Received

☒ Objection Resolved

Date Objection Resolved

2023/01/19

LETTERS

☒ Received Reply

APPEAL

☒ Appeal

Appeal Date

2023/01/20

☐ Appeal Document Submitted

* Responsible Manager *

Vanessa Venter

* Category Appeal Result *

Business and Commercial

Valuation Appeal Result

Owner Appeal Result

Size Appeal Result

☐ Appeal Board Decision

Approved Date

Outcome

Date Reply Received

2023/01/19

- Click on [Update Corrected Action](#) to save the changes or [Discard](#) to close the modal.

Payment Details:

General Municipal Account Details	Municipal Details	Tariff Details	Checks	Summary	Section 59's	Corrected Actions	Payment Details	MRA Audit History
-----------------------------------	-------------------	----------------	--------	---------	--------------	-------------------	------------------------	-------------------

Payment Records

[+ Add New Payment Detail](#)

ID	Property	Invoice Date	Invoice Number	Payment ref Number	Amount
----	----------	--------------	----------------	--------------------	--------

Add Payment Detail

Property	Invoice Date	Invoice Number	
<input type="text" value="RDS14545"/>	<input type="text"/>	<input type="text"/>	
Payment Reference	Amount	Date Invoice Received	Date Invoice Paid
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Statement Balance BF Amount	Adjustment Amount	Rates Amount	Refuse Amount
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sewerage Amount	Water Amount	Electricity Amount	Sundry Amount
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Interest Amount	Closing Balance Amount	Payments Not Reflected	Amount Not Paid
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Date Payment Due	Amount Date		
<input type="text"/>	<input type="text"/>		
Added By	Date Added	Updated By	Date Updated
<input type="text" value="Sikhulile Thabete"/>	<input type="text" value="2024/10/14"/>	<input type="text" value="Select an Option"/>	<input type="text"/>

[Add Payment Detail](#) [Discard](#)

- Click on [+ Add New Payment Detail](#) to add new payment details.
- Click on [Add Payment Detail](#) to save the new payment details or [Discard](#) to close the modal.
- Click on [View](#) to view a record.
- Should you wish to edit a record, click on [Edit](#)

5. You can edit the record by clicking on the [Edit](#) button.

- You can then update each tab individually by clicking on it

Edit Municipal Account Record - (Municipal Account ID 32835)

General Municipal Account Details	Payment Details	Municipal Account Detail Audit History
--	-----------------	--

General Municipal account Details:

Edit Municipal Account Record - (Municipal Account ID 32835)

General Municipal Account Details			Payment Details	Municipal Account Detail Audit History
Municipality	Account Number	Property		
IKheis Local Municipality	12345	RDS53123		
Rates	Type	Day of Due Date		
11	MONTHLY	5		
Active Account	Data Origin	Old Account Number		
No	1111	111		

Update Municipal Account Detail
Close

General Municipal Account Details	Municipal Details	Tariff Details	Checks	Summary	Section 60's	Corrected Actions	Payment Details	MRA Audit History
-----------------------------------	-------------------	----------------	--------	---------	--------------	-------------------	-----------------	-------------------

Payment Records					
+ Add New Payment Detail					
ID	Property	Invoice Date	Invoice Number	Payment ref Number	Amount
167370	RDS53123	2024/10/10		3	
<div> <div>1</div> <div>1</div> </div> <div> View Edit </div>					

Edit Payment Detail - (Payment Detail ID 167370)

Property	Invoice Date	Invoice Number	
RDS53123	2024/10/10		
Payment Reference	Amount	Date Invoice Received	Date Invoice Paid
	3		
Statement Balance BF Amount	Adjustment Amount	Rates Amount	Refuse Amount
Sewerage Amount	Water Amount	Electricity Amount	Sundry Amount
		1	
Interest Amount	Closing Balance Amount	Payments Not Reflected	Amount Not Paid
2		8	
Date Payment Due	Amount Date		
Added By	Date Added	Updated By	Date Updated
Skhulile Thabete	2024/10/08	Skhulile Thabete	2024/10/08

Update Payment Detail
Discard

- And then click on **Update Municipal Account Detail** button when you have edited the data.

- You can delete the record by clicking on the **Delete** button to view the full details of the record and click on **Delete Municipal Account** to completely remove the record.

Delete Municipal Account Record - (Municipal Account ID 32835)

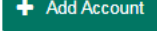
General Municipal Account Details

Payment Details

Municipal Account Detail Audit History

Municipality	Account Number	Property
IKheis Local Municipality	12345	RDS53123
Rates	Type	Day of Due Date
11	MONTHLY	5
Active Account	Data Origin	Old Account Number
No	1111	111

Delete Municipal Account
Close

7. On button  click, all the particulars for the new account that have to be completed pop up.

- Complete the form on the tab. Municipality, Type and Property are compulsory.

General Municipal Account Details tab:

Add Municipal Account

General Municipal Account Details

Municipality	Account Number	Property
Please select		Please select
Rates	Type	Day of Due Date
	Please select	Please select
Active Account	Data Origin	Old Account Number
Please select		

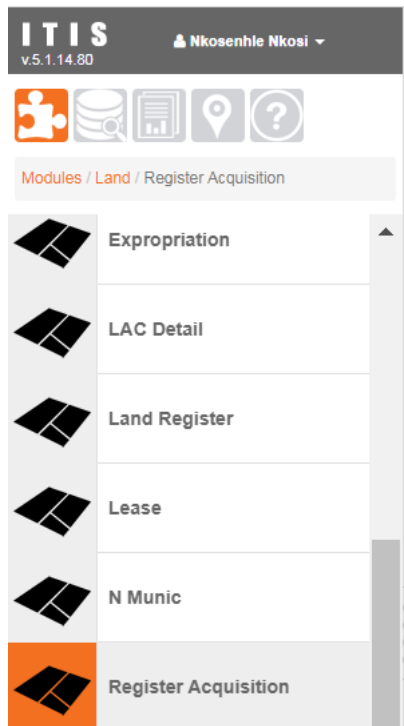
Add Municipal Account Detail
Close


- Once completed click on  again to save the new record.

Click on  to close the form.

1.16.14. Register Acquisition

1. Under the Land module, click on N Munic and under the lease tab click on N Munic Account.



2. A record can be searched for or added. Click on  Search to search for records according to any of the following attributes:

Register Acquisition Detail

The screenshot shows the 'Register Acquisition Detail' search form. It has a search bar at the top with a 'Search' button. Below the search bar are several input fields for searching records: Job Number (with a dropdown), Compiler, Property Description, Owner, Plan Number, Purpose, District C, District N, Diagram Type (with a dropdown), Old Road, and Road Section (with a dropdown). At the bottom of the form are two buttons: 'Search' and '+ Add Register Acquisition'.

3. Under the Search button the relevant account details will appear.

The screenshot shows a table of search results. The table has columns for Register Acquisition ID, Job Number, Compiler, Property Description, Owner, Plan Number, Purpose, District N, District C, Diagram Type, Road Section, and Options. There are two records displayed. The first record has ID 32809, Job Number D Petersen, Compiler Rem Pin 33 Karino Farm No 134 - JU, Property Description Basic Blue Trading CC, Owner O-4-303-77_1A, Purpose BARBERTON, District N 303, District C 1021601E (0-5/136), and Options View, Edit, Delete. The second record has ID 8608, Job Number Vlakfontein 522 KR Pin 4, Compiler P. Geyser, Property Description O-1-345-12_1, Owner POTGIETERSRUS, Purpose 345, District N O - National Roads, District C 1021601E (0-5/136), and Options View, Edit, Delete.

- There are 3 buttons –  View  Edit  Delete a record. Click on the  View button to view all the data related to the specific record.

4. When you click on the view button a new window will open where all the feature info and related data can be viewed. You can click on any of these tabs to view related data:



General Register Acquisition Details:

View Register Acquisition ID 455 - Waterreserve 278 - LS Ptn 1

General Register Acquisition Details Register Acquisition Spatial

Job Number	N1047.005		Compiler		Plan Number	O-1-330-118_1
Property Description	Waterreserve 278 - LS Ptn 1		Owner	R.S.A	Purpose	
District N	District C	Diagram Type		Road Section		
SOUTPANSBERG	330	O - National Roads		Please select		
New Property			Diagram Date	New Contract		
Old Area (Ha)	Area Before (Ha)	Area After (Ha)	Area Total (Ha)			
0.5239			0.524			
Old Road	Checked	Date Added				
N00128		2008/02/09				

Close


Register Acquisition Spatial:

View Register Acquisition ID 455 - Waterreserve 278 - LS Ptn 1

General Register Acquisition Details **Register Acquisition Spatial**

Acquisition Name	Comment	Date Added	Added by User	Date Updated	Updated by User	Status
O-1-330-118_1		2011/06/23 12:17:45 PM	System ITIS			Existing

Close

5. You can edit the record by clicking on the  button.

- You can then update each tab individually by clicking on it

General Register Acquisition Details Register Acquisition Spatial

General Register Acquisition Details:

Edit Register Acquisition ID 455 - Waterreserve 278 - LS Ptn 1

General Register Acquisition Details Register Acquisition Spatial

Job Number	N1047.005		Compiler		Plan Number	O-1-330-118_1
Property Description	Waterreserve 278 - LS Ptn 1		Owner	R.S.A	Purpose	
District N	District C	Diagram Type		Road Section		
SOUTPANSBERG	330	O - National Roads		Please select		
New Property			Diagram Date	New Contract		
Old Area (Ha)	Area Before (Ha)	Area After (Ha)	Area Total (Ha)			
0.5239			0.524			
Old Road	Checked	Date Added				
N00128		2008/02/09				

Update Register Acquisition Close

Register Acquisition Spatial:

Edit Register Acquisition ID 455 - Waterreserve 278 - LS Ptn 1

General Register Acquisition Details		Register Acquisition Spatial				
Acquisition Name	Comment	Date Added	Added by User	Date Updated	Updated by User	Status
O-1-330-118_1		2011/06/23 12:17:45 PM	System ITIS			Existing

[Update Register Acquisition](#)
[Close](#)

- And then click on [Update Register Acquisition](#) button when you have edited the data.

- You can delete the record by clicking on the [Delete](#) button to view the full details of the record and click on [Delete Register Acquisition](#) to completely remove the record.

Delete Register Acquisition ID 455 - Waterreserve 278 - LS Ptn 1

General Register Acquisition Details		Register Acquisition Spatial	
Job Number	Compiler	Plan Number	
N1047.005		O-1-330-118_1	
Property Description	Owner	Purpose	
Waterreserve 278 - LS Ptn 1	R.S.A		
District N	District C	Diagram Type	Road Section
SOUTPANSBERG	330	O - National Roads	Please select
New Property	Diagram Date	New Contract	
Old Area (Ha)	Area Before (Ha)	Area After (Ha)	Area Total (Ha)
0.5239			0.524
Old Road	Checked	Date Added	
N00128		2008/02/09	

[Delete Register Acquisition](#)
[Close](#)



- On button [+ Add Register Acquisition](#) click, all the particulars for the new register acquisition that have to be completed pop up.
- Complete the form on the tab.

General Register Acquisition Details tab:

Add Register Acquisition

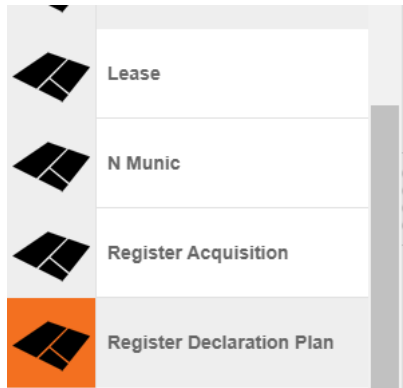
General Register Acquisition Details			
Job Number	Compiler	Plan Number	
Please select			
Property Description	Owner	Purpose	
District N	District C	Diagram Type	Road Section
		Please select	Please select
New Property	Diagram Date	New Contract	
Old Area (Ha)	Area Before (Ha)	Area After (Ha)	Area Total (Ha)
Old Road	Checked	Date Added	

[Add Register Acquisition](#)
[Close](#)

- Once completed click on  again to save the new record.
- Click on  to close the form.

1.16.15. Register Declaration plan

1. Under the Land module, click on Register Declaration plan



2. A record can be searched for or added. Click on  to search for records according to any of the following attributes:

A search form with a dark grey header bar containing the word 'Search'. Below the header are four input fields: 'Plan Number', 'Job Number' (with a dropdown arrow), 'Job Description', and 'Requested By'. The 'Job Number' dropdown is set to 'A14208'. At the bottom left of the form are two buttons: a green 'Search' button with a magnifying glass icon and a green '+ Add Register Declaration Plan' button.


3. Under the Search button the relevant account details will appear.

A table titled 'Register Declaration Plans' with a 'Sections' tab. The table has columns: ID, Plan Number, Job Number, Job Description, Date Requested, Requested By, and Options. One record is shown with ID 7339, Plan Number 123456789, Job Number A14208, Job Description 'Software engineering', Date Requested '2022/03/23 12:00:00 AM', and Requested By 'Nkosenhle'. The Options column contains buttons for View, Edit, Delete, and Sections. Below the table is a pagination bar showing '1' of 1 items.

- There are 3 buttons –    a record. Click on the  button to view all the data related to the specific record.

4. When you click on the view button a new window will open where all the feature info and related data can be viewed.

A form titled 'View Register Declaration Plan (ID 7319)'. It contains several input fields: 'Plan Number', 'Job Number' (dropdown set to 'A14208'), 'Job Description' (text: 'SANRAL audit request: SARS ruling relating to properties'), 'Date Requested', 'Requested By', 'Date Added' (text: '2022/03/11'), 'User Added' (text: 'Nkosenhle Nkosi'), 'Date Updated', and 'User Updated'. A green 'Close' button is at the bottom right.

5. You can edit the record by clicking on the  button.

Edit Register Declaration Plan (ID 7319)

Plan Number Job Number

Job Description

Date Requested Requested By

Date Added User Added Date Updated User Updated

- And then click on button when you have edited the data.

6. You can delete the record by clicking on the button to view the full details of the record and click on to completely remove the record.

Delete Register Declaration Plan Venessa Test (ID 7299)

cannot delete this Register Declaration Plan as it has sections attached, please remove all sections first before deleting the record...

Plan Number Job Number

Job Description

Date Requested Requested By

Date Added User Added Date Updated User Updated

Cannot delete the register declaration plan entry as it has related section entries

7. On button click, all the particulars for the new register declaration plan that have to be completed pop up.
- Complete the form on the tab.

Add Register Declaration Plan

Plan Number Job Number

Job Description

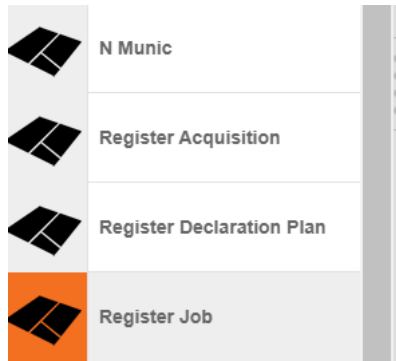
Date Requested Requested By


- Once completed click on again to save the new record.
- Click on to close the form.

1.16.16. Register Job

Before adding a new 'Cadastral Key Plan' or 'Declaration Plan', the Job must exist in the system. A Job is associated with a LAC project; therefore, the relevant LAC Project must exist before registering a Job. The Job must be registered by the LIS JOB REGISTER Role.

1. Under the Land module, click on Register Job.





2. A record can be searched for or added. Click on  to search for records according to any of the following attributes:

Register Job Detail













 Print





Search

Job Number	LAC Project	Date Added From	Date Added To	Job Type	Old Client Ref
<input type="text"/>	L00001 - BORDER POSTS	<input type="text"/>	<input type="text"/>	Please select	<input type="text"/>
Description	Manager	Client Name	Client Company	Division	Existing Category
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Please select	<input type="text"/>
Main File Owner	Main File Location	Applicant	Client Representative	SANRAL Region	Project Number
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Please select	<input type="text"/>

3. Under the Search button the relevant account details will appear.


ID	Job Number	Job Type	LAC Project	Description	Manager	Client Name	Company Name	Date Added	Options
12340	E2019.006	Framing & Amendment of Declaration Sketches	L00001 - BORDER POSTS	N002/030 Umfolozi River to Mduana River	Joe Fraser	Joe Fraser	MHP Geomatics Gauteng	22 Aug 2008 11:08:00	 View  Edit  Delete
13840	N1500.439	Special	L00001 - BORDER POSTS	N012/018 : N012/018: Erf 897 & 896 of Ridgeway Ext4 - Cadastral Investigation	Joe	Abdul Ragmaan Hay	SANRAL	08 Apr 2009 10:04:49	 View  Edit  Delete
15589	N1500.489	Special	L00001 - BORDER POSTS	N017/003 : SUBDIVISION OF REMS OF PTNS 14 AND 15 OF PALMIETFONTEIN NO 110-IS, CONSOLIDATIONS AND SURVEY OF SERVITUDE OF R.O.W. OVER REMS OF PTNS 14 AND 15	Sewes	SANRAL	SANRAL	11 Jan 2010 15:31:13	 View  Edit  Delete
17187	S-054	Survey: General files and other ad-hoc jobs not listed below	L00001 - BORDER POSTS	N001/021: Advice to SANRAL on subdivisional problem of Rem of Erf 2, Ptns 27 & 28 of Erf 2, Rem of Erf 11 and Ptn 5 of Erf 201 East Lynn Township (Gauteng)	D Bigger	Okkie Stevens	SANRAL	09 Nov 2010 12:11:43	 View  Edit  Delete


- There are 3 buttons –  View  Edit  a record. Click on the  button to view all the data related to the specific record.

4. When you click on the view button a new window will open where all the feature info and related data can be viewed.

View Register Job - Register Job ID 12340 - Job Number: E2019.006

Job Number	Job Type	LAC Project	Old Client Reference	Manager
E2019.006	Framing & Amendment of Declaration Sketches	L00001 - BORDER POSTS		Joe Fraser
Description N002/030 Umfolozi River to Mduana River				
Date Added	Division	Client Name	Company Name	Existing Category
22 Aug 2008 11:08:00	Please select	Joe Fraser	MHP Geomatics Gauteng	
Main File Owner	Main File Location	Applicant	Client Representative	Phone Number Client Representative
SANRAL Region	Project Nr			
Please select				



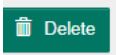

5. You can edit the record by clicking on the  button.

Edit Register Job - Register Job ID 12340 - Job Number: E2019.006

Job Number	Job Type	LAC Project	Old Client Reference	Manager
E2019.006	Framing & Amendment of Declaration Sketches	L00001 - BORDER POSTS		Joe Fraser
Description N002/030 Umfolozi River to Mdluna River				
Date Added	Division	Client Name	Company Name	Existing Category
22 Aug 2008 11:08:00	Please select	Joe Fraser	MHP Geomatics Gauteng	
Main File Owner	Main File Location	Applicant	Client Representative	Phone Number Client Representative
SANRAL Region	Project Nr			
Please select				

[Update Register Job](#) [Close](#)


- And then click on  button when you have edited the data.

6. You can delete the record by clicking on the  button to view the full details of the record and click on  to completely remove the record.

Delete Register Job - Register Job ID 13840 - Job Number: N1500.439

Job Number	Job Type	LAC Project	Old Client Reference	Manager
N1500.439	Special	L00001 - BORDER POSTS		Joe
Description N012/018 : N012/018 : Erf 897 & 898 of Ridgeway Ext4 - Cadastral Investigation				
Date Added	Division	Client Name	Company Name	Existing Category
08 Apr 2009 10:04:49	Please select	Abdul Ragmaan Hay	SANRAL	
Main File Owner	Main File Location	Applicant	Client Representative	Phone Number Client Representative
SANRAL Region	Project Nr			
Please select				

[Delete Register Job](#) [Close](#)


7. On button  click, all the particulars for the new job that have to be completed pop up.

- Complete the form on the tab.

Add Register Job

Job Number	Job Type	LAC Project	Old Client Reference	Manager
	Please select	Please select		
Description				
Date Added	Division	Client Name	Company Name	Existing Category
	Please select			
Main File Owner	Main File Location	Applicant	Client Representative	Phone Number Client Representative
SANRAL Region	Project Nr			
Please select				

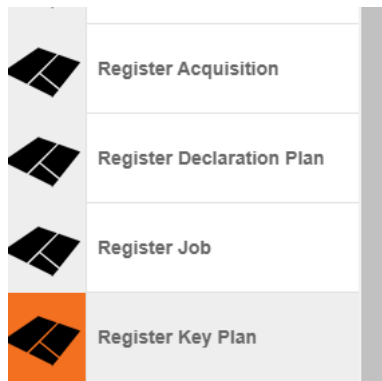
[Add Register Job](#) [Close](#)

- Once completed click on  again to save the new record.


- Click on  to close the form.

1.16.17. Register Key plan

1. Under the Land module, click on Register Key plan.



2. A record can be searched for or added. Click on  to search for records according to any of the following attributes:

Register Key Plan 

Search

Plan Number

Plan Type

Job Number

Job Description

Requested By

Borrow Pit

Please select

Search

Add Register Key Plan

3. Under the Search button the relevant account details will appear.

Register Key Plans		Sections					
ID	Plan Number	Plan Type	Job Number	Job Description	Date Requested	Requested By	Options
5931	RP5771	Borrow Pit	G1233.005	LEEUEW GAMKA SOUTH TO KOEDOESLOOP(CAD KEY PLAN)	2005/10/17 12:00:00 AM	JACO	
5953	RP5782	Borrow Pit	E2057.004	KWAGGASNEK TO VOLKSRUST	2005/11/28 12:00:00 AM	JACO	
5955	RP5784	Borrow Pit	N1095.004	KOMATIPOORT TO COCODILE RIVER	2005/11/28 12:00:00 AM	DAVID	
5956	RP5785	Borrow Pit	N1096.004	ONE TREE HILL TO TONGA	2005/11/28 12:00:00 AM	DAVID	
7524	RP5814	Borrow Pit	E2092	ORANGE RIVER TO SPRINGFONTEIN	2005/11/09 12:00:00 AM	JACO	
6660	RP5836	Borrow Pit	S3030.004	JAMESTOWN TO NEK	2006/05/23 12:00:00 AM	JACQUES	
6700	RP5843	Borrow Pit	N1082.004	VOLKSRUST TO AMERSPOORT	2006/06/22 12:00:00 AM	JACO	
6921	RP5851	Borrow Pit	N1128.004	BETHAL TO DAFEL	2006/07/11 12:00:00 AM	JACQUES	
7060	RP5858	Borrow Pit	N1126.004	Trichard to Bethal	2006/07/18 12:00:00 AM	JACQUES	
7604	RP5909	Borrow Pit	E2093	GLEN LUON TO ZANDKRAAL	2006/10/29 12:00:00 AM	JACO	

There are 4 buttons a record. Click on the button to view all the data related to the specific record.

4. When you click on the view button a new window will open where all the feature info and related data can be viewed.

View Register Key Plan RP5771 (ID 5931)

Plan Number

Plan Type

Job Number

RP5771

Borrow Pit

G1233.005

Job Description

LEEUEW GAMKA SOUTH TO KOEDOESLOOP(CAD KEY PLAN)

Date Requested

Requested By

2005/10/17

JACO

Date Added

User Added

Date Updated


User Updated

2006/01/10

2006/07/11

Raymond Brown

Close



5. You can edit the record by clicking on the  button.

✕

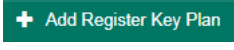
Edit Register Key Plan RP5771 (ID 5931)

Plan Number	Plan Type	Job Number
<input type="text" value="RP5771"/>	<input type="text" value="Borrow Pit"/>	<input type="text" value="G1233.005"/>
Job Description		
<input type="text" value="LEEUEW GAMKA SOUTH TO KOEDOESLOOP(CAD KEY PLAN)"/>		
Date Requested	Requested By	
<input type="text" value="2005/10/17"/>	<input type="text" value="JACO"/>	
Date Added	User Added	Date Updated
<input type="text" value="2006/01/10"/>	<input type="text"/>	<input type="text" value="2006/07/11"/>
		User Updated
		<input type="text" value="Raymond Brown"/>

And then click on  button when you have edited the data.

6. You can delete the record by clicking on the  button to view the full details of the record and click on  to completely remove the record.



7.  

8. On button  click, all the particulars for the new register key plan that have to be completed pop up.
Complete the form on the tab.

➤

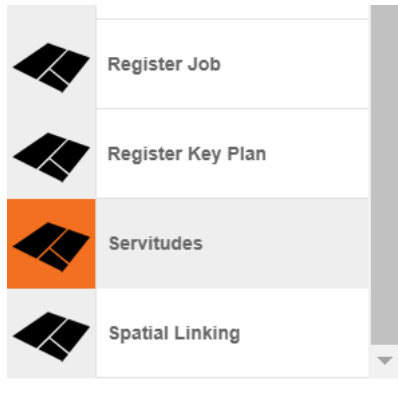
Add Register Key Plan

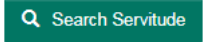
Plan Number	Plan Type	Job Number
<input type="text"/>	<input type="text" value="Please select"/>	<input type="text" value="Please select"/>
Job Description		
<input type="text"/>		
Date Requested	Requested By	
<input type="text"/>	<input type="text"/>	

- Once completed click on  again to save the new record.
- Click on  to close the form.

1.16.18. Servitude

1. Under the Land module, click on Servitudes.



2. An account can be searched or added. Click on  to search for records according to any of the following attributes:

Servitude Detail 

Search

RDS Number

Please select

Type

Please select

Servitude Number

Date

Microfilm Number

Diagram Number

Notes

Offline ID

Search Servitude

Add Servitude

3. Under the Search button the relevant account details will appear.

servitude						
ID	RDS Number	Type	Date	Microfilm number	Notes	Off identifier
12418	RDS5123	Exclusive Use Areas				0
<div> View Edit Delete</div>						

- There are 3 buttons – View Edit Delete a record. Click on the View button to view all the data related to the specific record.

4. When you click on the view button a new window will open where all the feature info and related data can be viewed. You can click on any of these tabs to view related data:

General Servitude Details

Servitude Detail Audit History

General Servitude Details:

View Servitude Record - (Servitude ID 12397)

General Servitude Details

Servitude Detail Audit History

RDS Number

RDS51235

Type

Aqueduct

Servitude Number

4856

Date

2024/10/01

Microfilm Number

Diagram Number

Directly Affected

Select an Option

Indirectly Affected

Yes

Directly Affected notes

Size

Notes

Nkosi

Area (m2)

1,5864

Close


Servitude Detail Audit History:

View Servitude Record - (Servitude ID 12397)

General Servitude Details **Servitude Detail Audit History**

Added By: Nkosenhle Nkosi Date Added: 2024/10/07 Updated By: Nkosenhle Nkosi Date Updated: 2024/10/07

Close

5. You can edit the record by clicking on the  button.
- You can then update each tab individually by clicking on it General Servitude tab:

Edit Servitude Record - (Servitude ID 12397)

General **Servitude Details** Servitude Detail Audit History


RDS Number: RDS51235 Type: Aqueduct Servitude Number: 4856



Date: 2024/10/01 Microfilm Number: Diagram Number:

Directly Affected: Yes Indirectly Affected: Yes Directly Affected notes:

Size: Notes: Nkosi Area (m2): 1,5864

Update Servitude Detail Close

- The Servitude Detail Audit History is automatically updated.
- And then click on  button when you have edited the data.

6. You can delete the record by clicking on the  button to view the full details of the record and click on  to completely remove the record.

Delete Servitude Record - (Servitude ID 12397)

General **Servitude Details** Servitude Detail Audit History


RDS Number: RDS51235 Type: Aqueduct Servitude Number: 4856

Date: 2024/10/01 Microfilm Number: Diagram Number:

Directly Affected: Select an Option Indirectly Affected: Yes Directly Affected notes:

Size: Notes: Nkosi Area (m2): 1,5864

Delete Servitude Close

7. On button  click, all the particulars for the new servitude that have to be completed pop up.
- Complete the form on the tab. Property is compulsory.

General Municipal Account Details tab:

Add Servitude

General Servitude Details

Servitude Detail Audit History

RDS Number

RDS53123

Type

Please select

Servitude Number

Date

Microfilm Number

Diagram Number

Directly Affected

Select an Option

Indirectly Affected

Select an Option

Directly Affected notes

Size

Notes

Area (m2)

Add Servitude Detail

Close

- Once completed click on

Add Servitude Detail

 again to save the new record.
- Click on

Close

 to close the form.

1.16.19. SAP

1. Monthly Transaction Types

1.1 Monthly IP Disposals Transactions



IP%20Disposals%20
ITIS%20to%20SAP.docx

1.2 Monthly Land Acquisition Transactions



Land%20Acquisition
ns%20ITIS%20to%20C

1.3 Monthly New Wayleaves

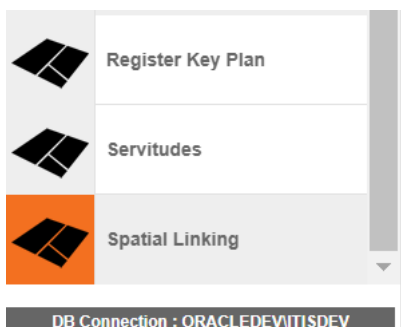


New%20Wayleaves
%20ITIS%20to%20SA

1.16.20. Spatial Linking

For detailed explanation on Spatial Linking view notes on such in the section(s) below.

1. Under Land Modules, click on Spatial Linking.

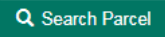


2. Under Spatial Linking of Land Register, there are two tabs:
 - 2.1 Link Cadastral Key Plan Parcel Geometry to Property:

Spatial Linking of Land Register Print

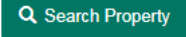
Link Cadastral Key Plan Parcel Geometry to Property | Link Acquisition Geometry to Property

Select a Cadastral Key Plan Parcel		Select a Property	
Key Plan Number RP5703	Rural or Urban Rural	RDS Number	Section Code
Validated Yes	Status Acquisition	New Status Acquisition	Location Description
SG Diagram Number		SG Diagram Number	
<input type="text"/>		<input type="text"/>	
<input type="button" value="Search Parcel"/>		<input type="button" value="Search Property"/>	

- Select a Cadastral Key Plan Parcel with the following fields: Key Plan Number, Validated, SG Diagram Number, Rural or Urban, Status and click on button  to search for parcels

ID	Key Plan	Rural Urban	Validated	Status	SG Diagram	CAD Text	GIS Area
164238	RP5672	Rural	Yes	Key Plan		SG_7587_2003_PT	86 m2
164406	RP5672	Rural	Yes	Key Plan			930 m2
164409	RP5672	Rural	Yes	Key Plan			702 m2


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
...
114
1

- Select a Property with the following fields: RDS Number, Section Code, New Status, Location Description, SG Diagram Number and click on button  to search for properties.

Property ID	RDS number	Location Description	Section Code	New Status	SG Diagram Number
17588	RDS04929	Schoongezigt No 347 - JT	N00406X	Acquisition	10095/2000
816	RDS05190	Elandshoek No 302 - JT	N00406Y	Acquisition	3436/2001
5128	RDS12815	Doomplaats No 461 - HU	N00231	Acquisition	1349/1999


1
2
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5
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7
8
9
10
11
12
13
14
15
...
606
1

2.2 Link Acquisition Geometry to Property


Spatial Linking of Land Register 

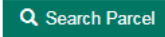
Link Cadastral Key Plan Parcel Geometry to Property
Link Acquisition Geometry to Property

Select an Acquisition Geometry

Name
Comment
Status
Existing
Type
Please select
New Status
Please select


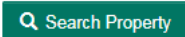
Select a Property

RDS Number
Section Code
New Status
Acquisition
Location Description
SG Diagram Number


- Select an Acquisition Geometry with the following fields: Name, Comment, Status, Type, New Status and click on button  to search for parcels

Acquisition Geom ID	Name	Comments	Status	Type	Plan Type
30371	49A	OLD EXPRO	Existing	Acquisition	Verkrygingsplan (O)
33267	70	Expropriation	Existing	Acquisition	Verkrygingsplan (O)
33265	70A		Existing	Acquisition	Verkrygingsplan (O)
15085	A- Designation-2		Existing	Acquisition	
29741	A-12-317-59	File N10/3/1/317/075	Existing	Acquisition	
13893	A-12-317-62	file N10/3/1/317/079	Existing	Acquisition	Verkrygingsplan (O)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
...
1688
1

- Select a Property with the fields: RDS Number, Section Code, New Status, Location Description, SG Diagram Number and click on button  to search for properties.

Property ID	RDS number	Location Description	Section Code	New Status	SG Diagram Number
12941	RDS00185	Misgund No 322 - IQ	N00120	Expropriated	
5268	RDS00186	Olifantsvlei No 316 - IQ	N00120	Expropriated	
5418	RDS00250	Cyferfontein No 457 - KR	N00124	Expropriated	216/2013
5301	RDS00279	Ivydale Agricultural Holdings Ext 1 - LS	N00126	Expropriated	1134/2016
15631	RDS00282	Oorlogfontein No 45 - KS	R51803	Expropriated	542/2013
5492	RDS00314	Elandsfontein No 334 - IQ	N00119	Expropriated	1508/2013

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 ... > 439 1

1.17. Administration

Use the Administration Module to manage & add Authorities

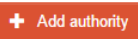
1.18. Authority Management

The screenshot shows the SANRAL ITIS 5.0 Administration - Authority Management interface. The sidebar on the left contains navigation links: Authority Management (highlighted), Organisation Management, Security Management, and User Request Approval. The main content area is titled 'Administration - Authority Management' and features a section for 'Authorities'. This section includes a search bar with the placeholder text 'Start typing to search for an authority'. Below the search bar, it states 'Displaying 19 of 19 authorities'. A table lists the authorities with columns for Name, Code, Type, Organisation, and Options. The table contains five rows of data, each with buttons for Edit, Delete, and Managers. At the bottom of the table is a pagination bar showing '1 2 3 4 > 4'. Below the table is a red button labeled '+ Add authority'. Below this is a section for 'Authority Managers' with a text prompt 'Select an authority to view managers'.

FIGURE 13: AUTHORITY MANAGEMENT

Use Authority Management to view and add authorities and managers

1.18.1. Add Authority

- Click on Add Authority 
- Add Authority Name
- Add Code
- Select Type
- Search and select organization

- Click on add authority [Add authority](#)

1.18.2. Add Authority Managers

- Select an Authority [Managers](#)
- Click on Managers [Add manager](#)
- Click on Add Manager [Add authority manager](#)
- Select a role Template
- Search for and select a Manager
- Click on Add authority manager [Add authority manager](#)

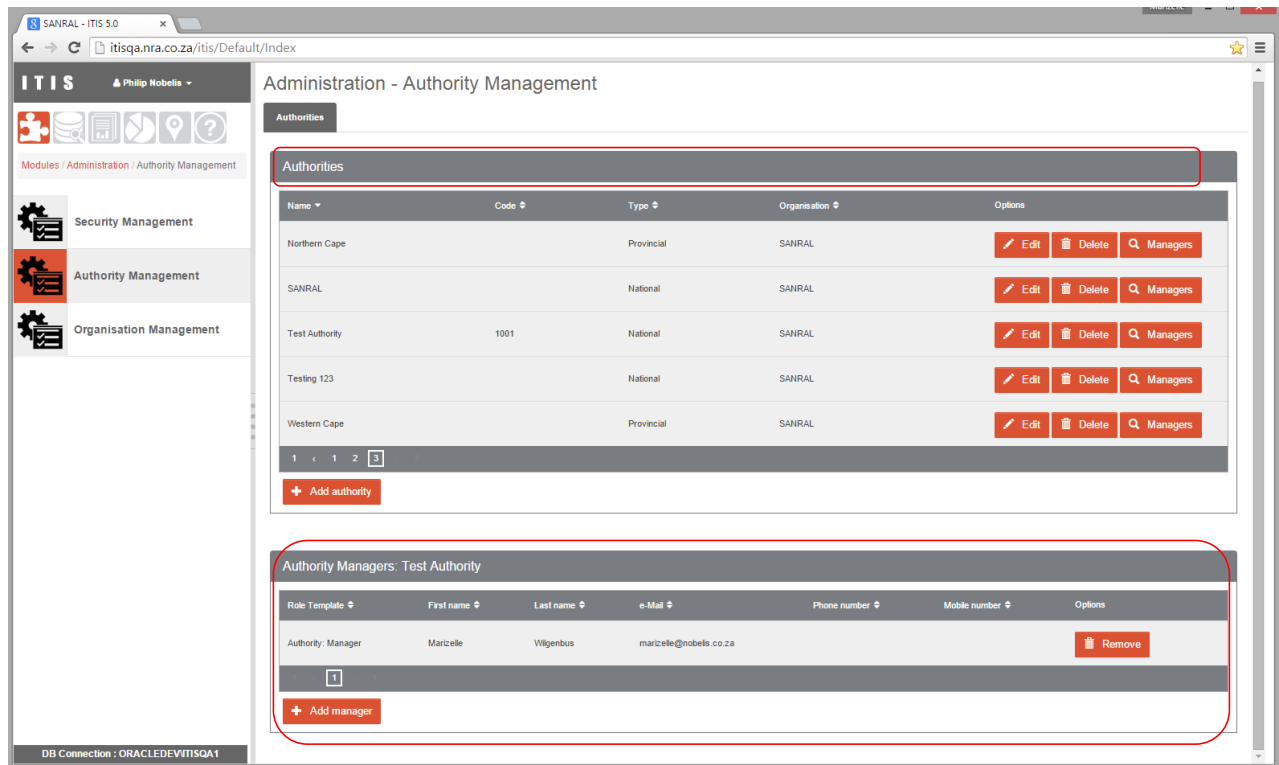


FIGURE 14: AUTHORITY MANAGER ADDED

Linear Viewer 5

Navigate to Modules / Linear Viewer as seen below:

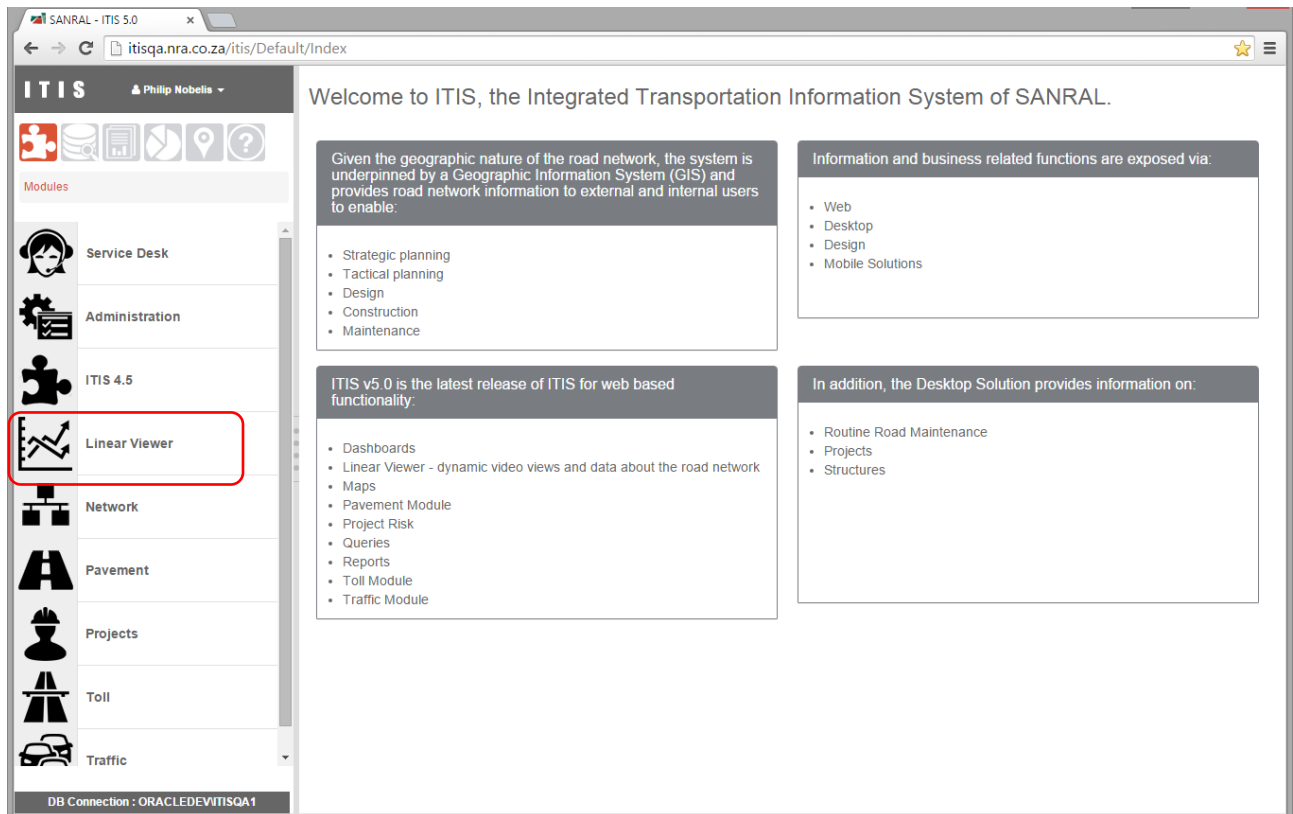


FIGURE 15: LINEAR VIEWER

- Select a Workspace
- Select a Road ID
- Click on *Start Linear Viewer*

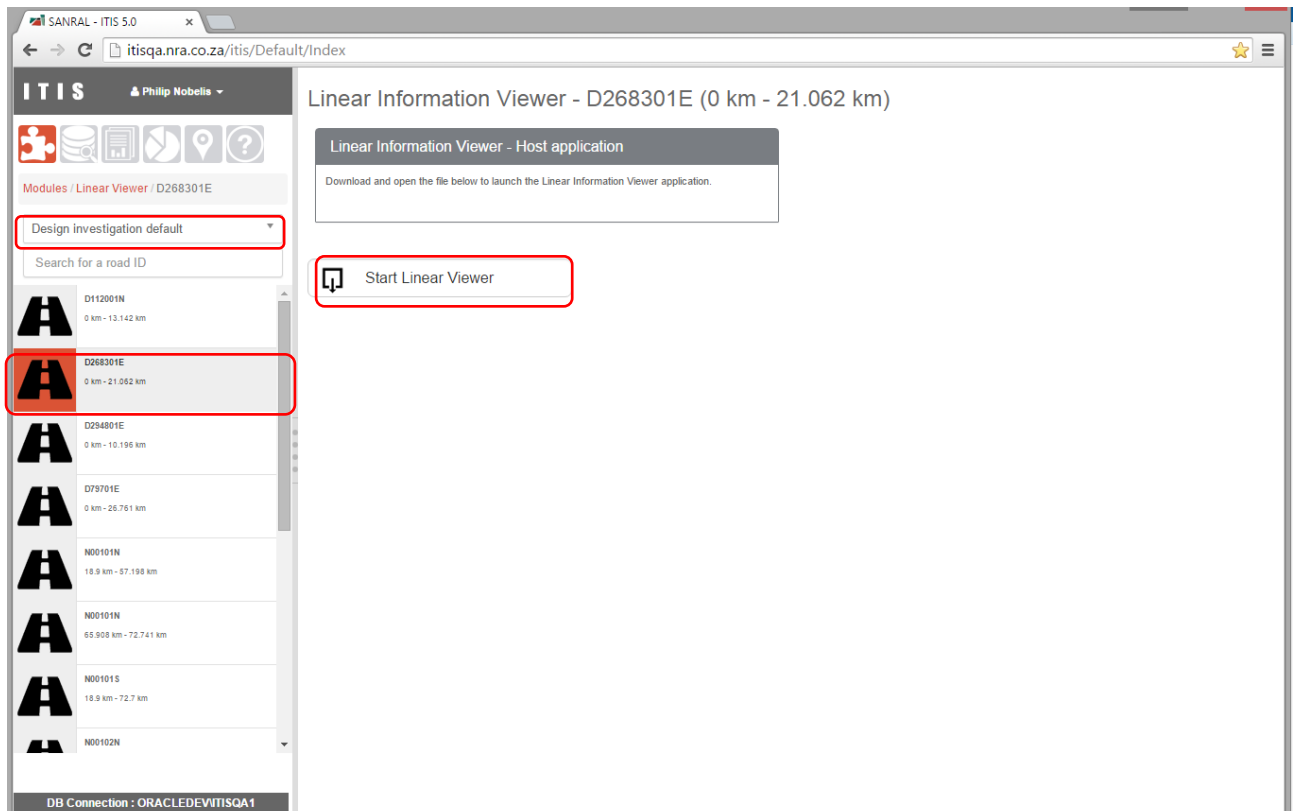


FIGURE 16: LINEAR VIEWER START

Once you have clicked on *Start Linear Viewer* a file will be downloaded and you need to click on the LIV file to launch Linear Viewer:

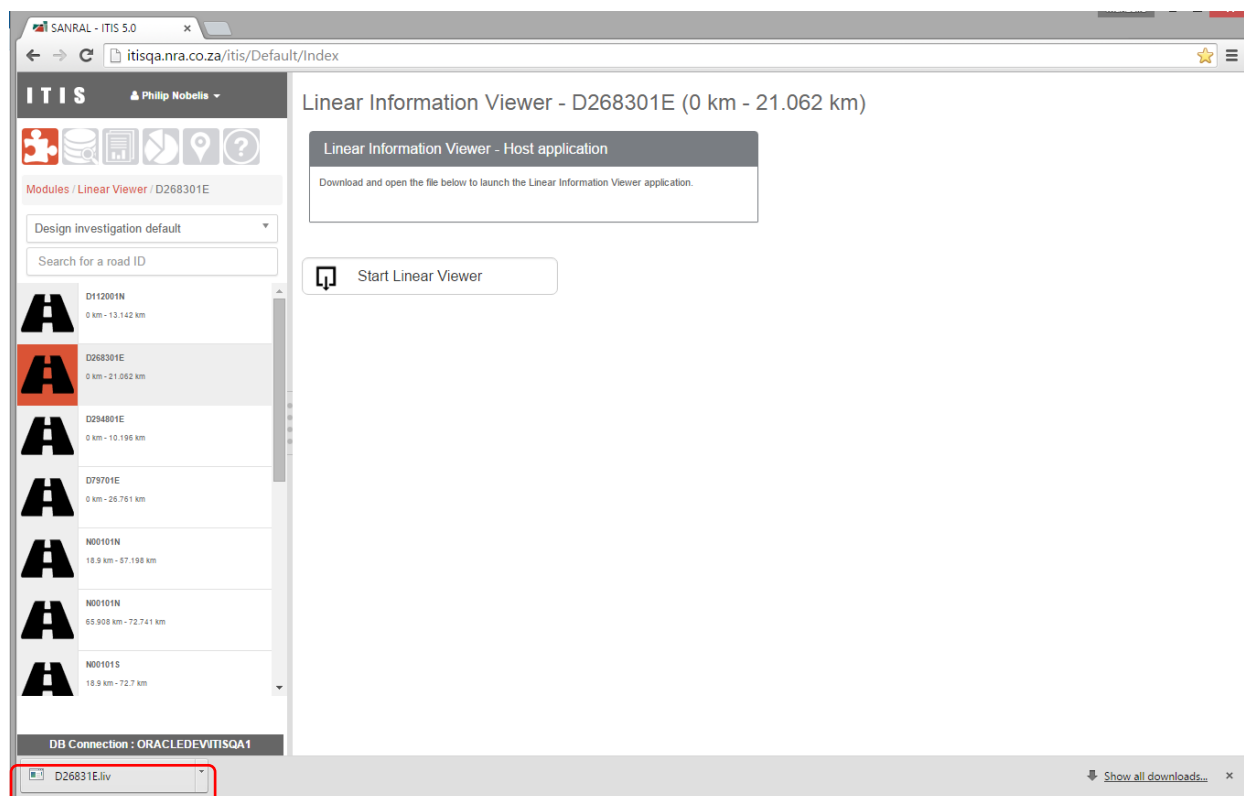


FIGURE 17: LINEAR VIEWER LAUNCH FILE

Note: Linear Viewer will not start automatically and will only launch once you click on the LIV file as shown in Figure 28

When clicking on Linear Viewer from within ITIS 5.1 you should be logged into the viewer automatically with the Workspace and Road selected previously. If not logged into ITIS 5.1 then you will need to log into the Linear Viewer with your SANRAL network username and password:



FIGURE 18: LINEAR VIEWER LOG IN

1.19. Working with Linear Viewer

Once you have logged in select a workspace and section to activate all functions:

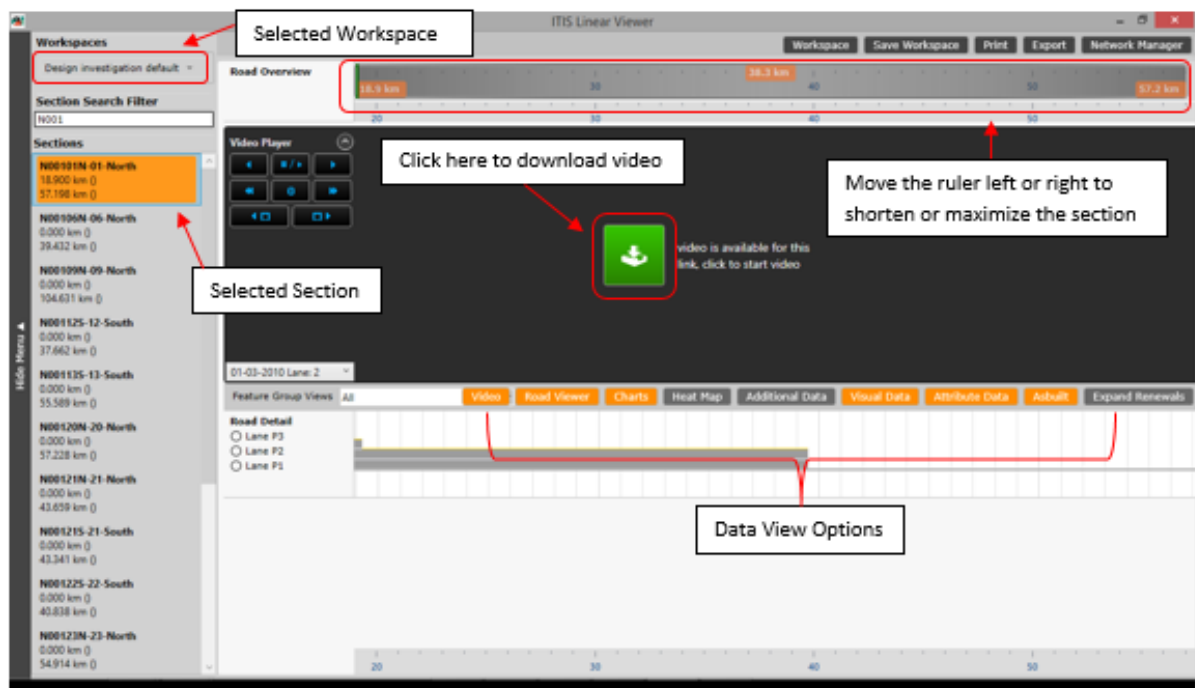


FIGURE 19: WORKING WITH LINEAR VIEWER

Data View Options will be highlighted in Orange when selected and will be Grey if deselected

1.20. Video

If you have downloaded the video you will be able to view it from here. Use the Video Controls on the left to choose how you want to view it:

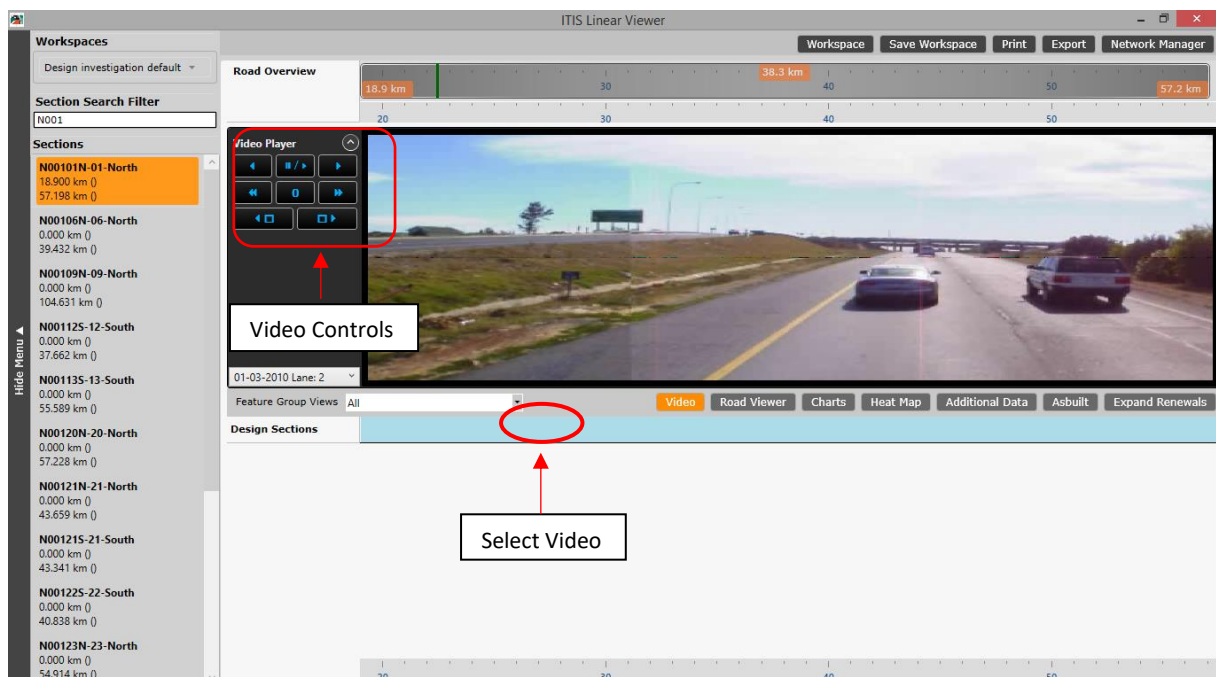


FIGURE 20: LINEAR VIEWER - VIDEO

1.21. Road Viewer & Charts

Activate the Road Viewer & Charts buttons to view more detailed information on lanes.

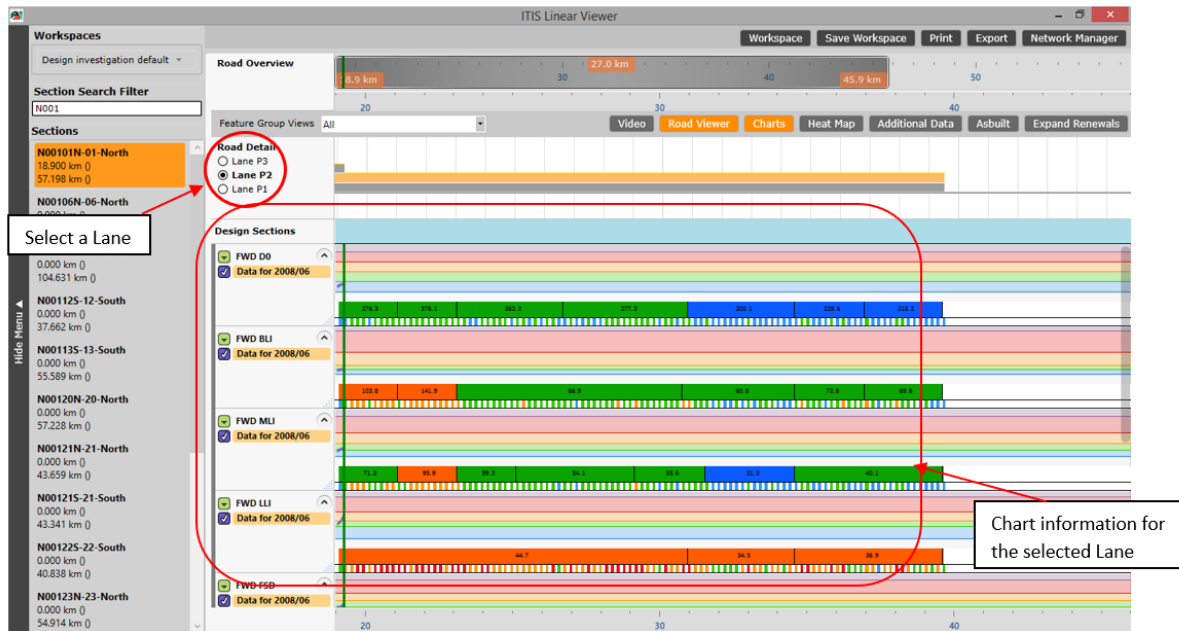


FIGURE 21: LINEAR VIEWER - ROAD VIEWER & CHARTS

1.22. Additional Data

To view additional information activate *Additional Data*. This will be displayed on the Right Hand Side.

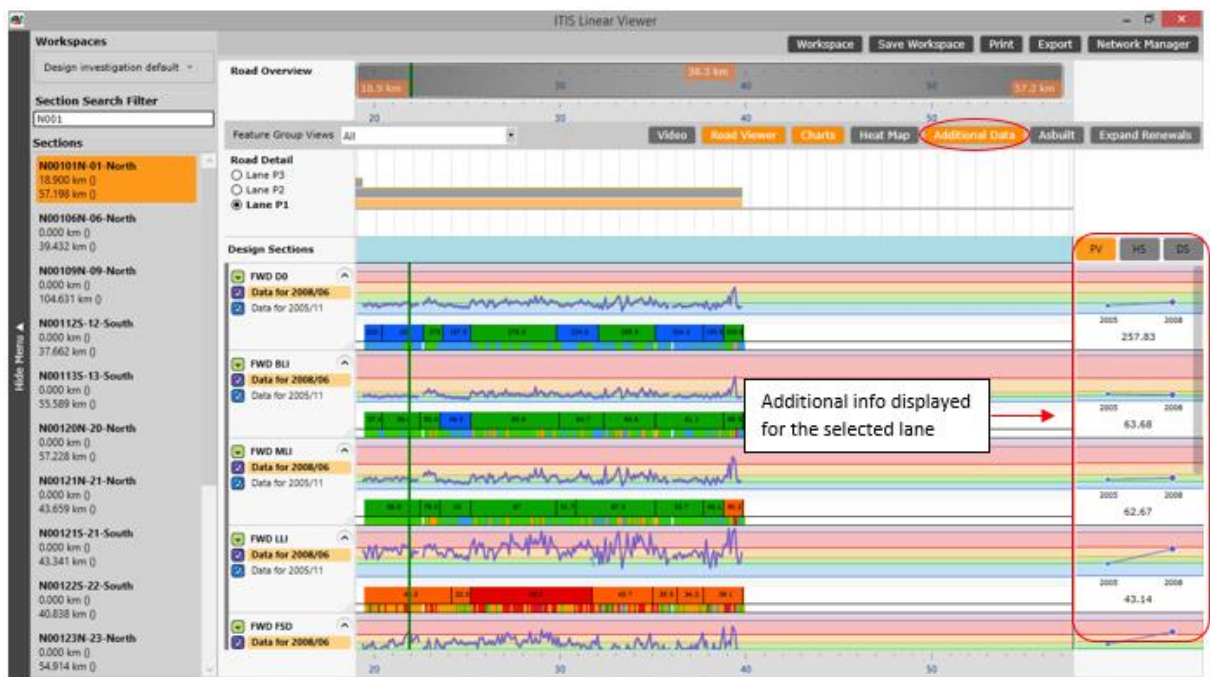


FIGURE 22: LINEAR VIEWER - ADDITIONAL DATA

1.23. As Built

To view the construction layers Activate *As Built*.

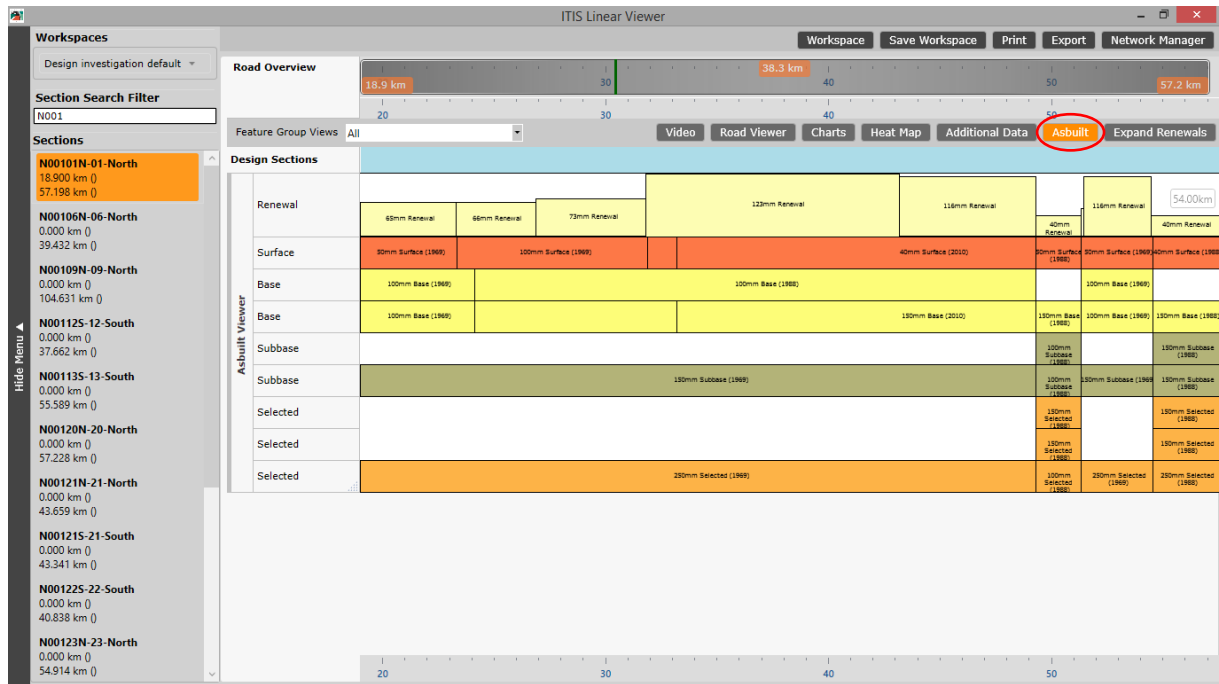


FIGURE 23: LINEAR VIEWER - AS BUILT

1.24. Workspace

Click on Workspace to see more features:

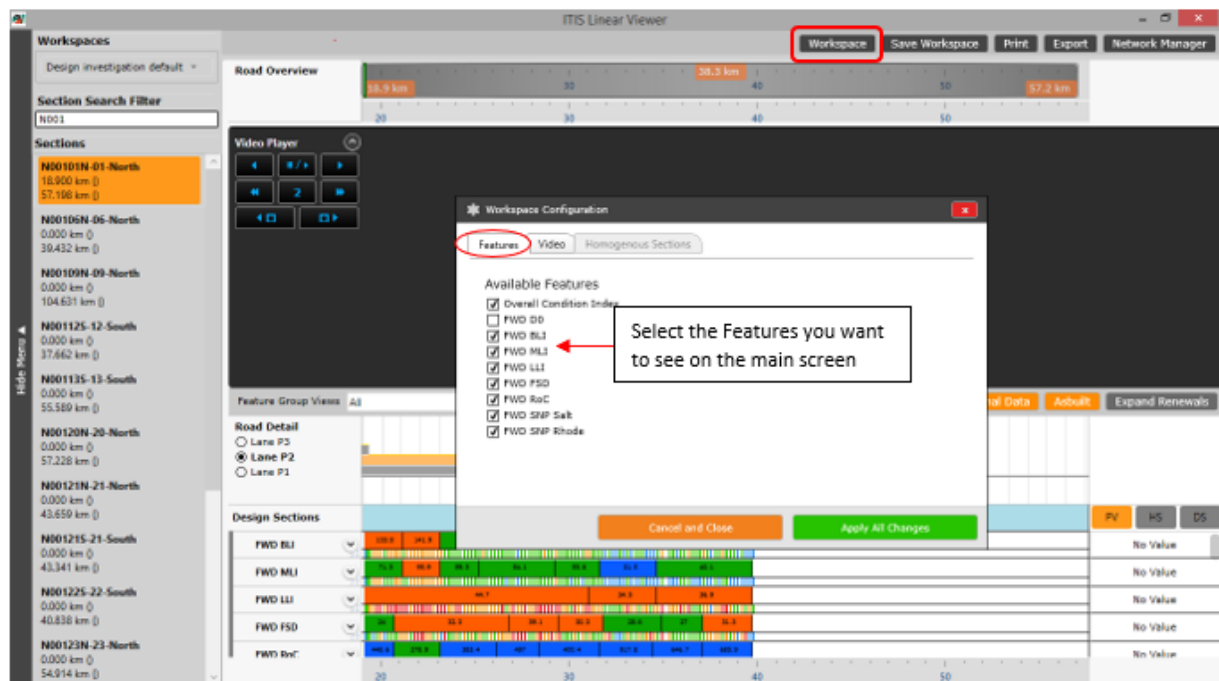


FIGURE 24: LINEAR VIEWER - WORKSPACE

Features that are not selected will not be displayed on the main screen:

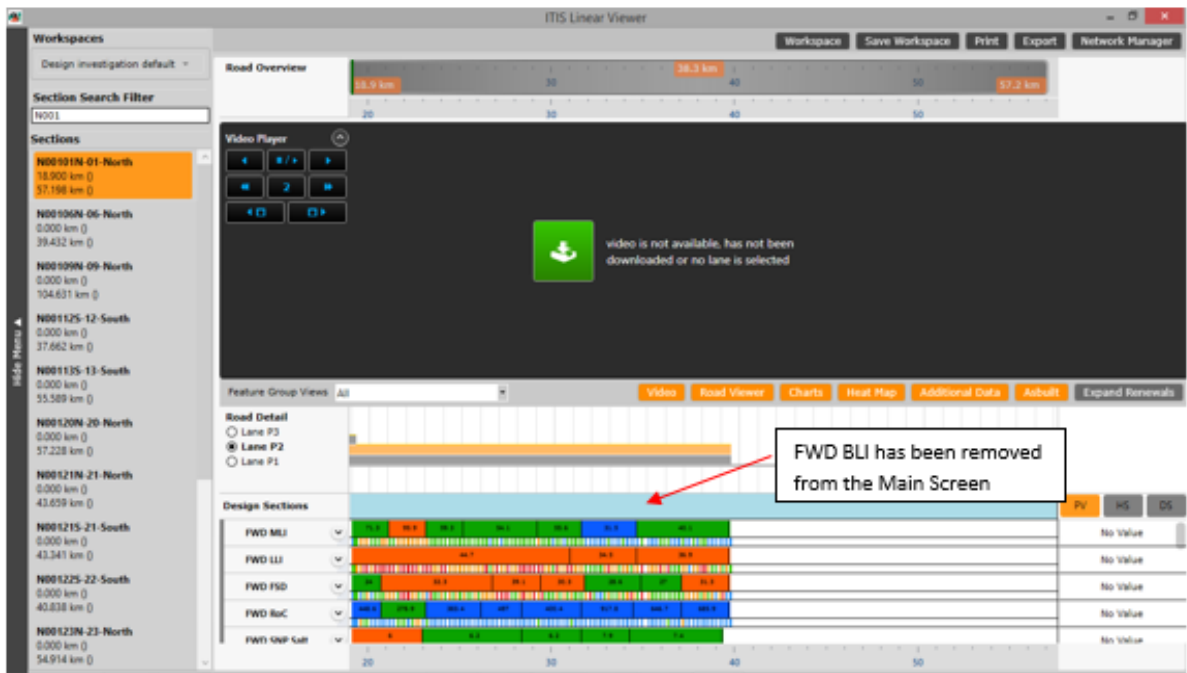


FIGURE 25: LINEAR VIEWER - WORKSPACE 2

Click on the Print button in the top right corner:



FIGURE 26: LINEAR VIEWER - PRINT

The Settings screen will display and you can make your preferred changes:

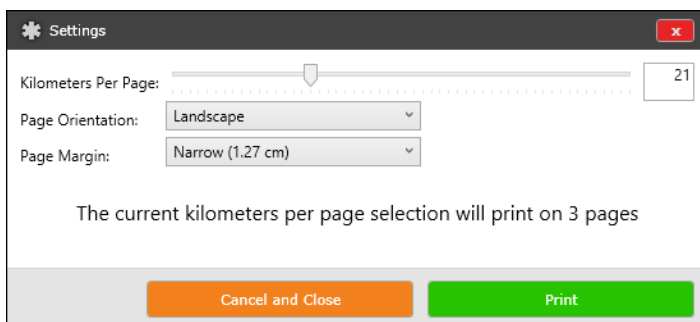


FIGURE 27: LINEAR VIEWER - PRINT SETTINGS

Once you have made your selections you can click on the *Print* button

1.25. Export

To Export the data displayed on the main screen to an Excel Spread sheet click on the *Export* button in the top right corner:

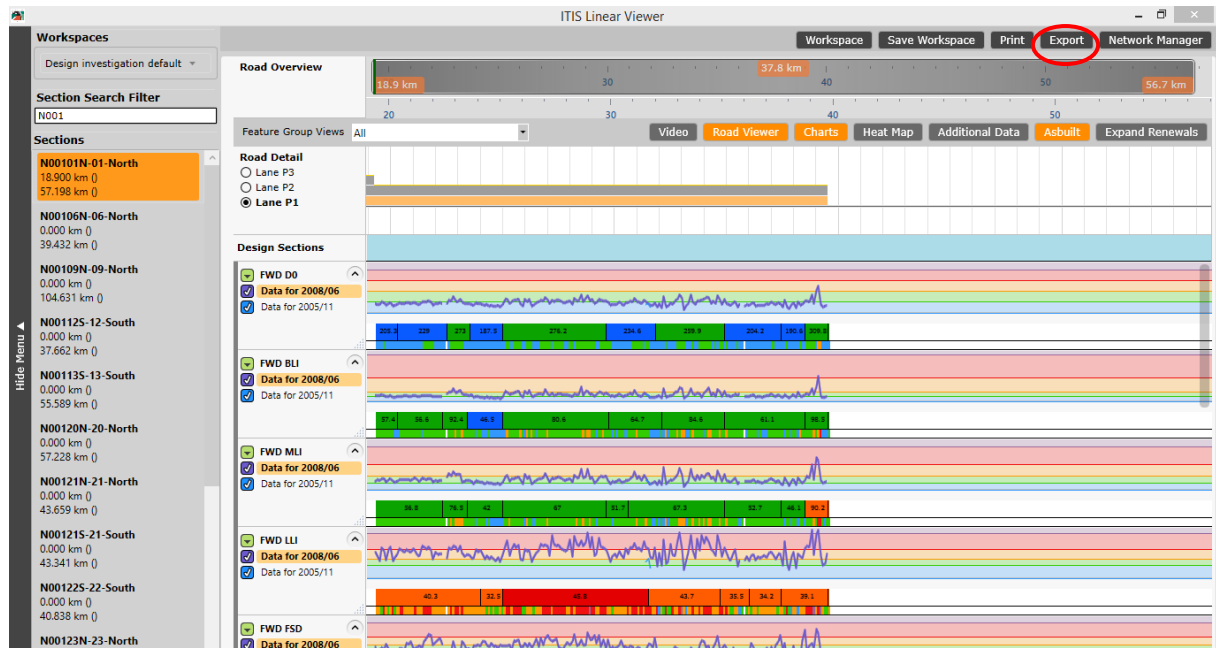


FIGURE 28: LINEAR VIEWER - EXPORT

The Settings screen will display and you can make your preferred changes:

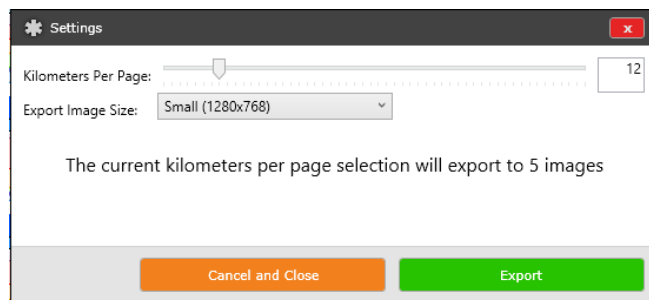


FIGURE 29: LINEAR VIEWER - EXPORT SETTINGS

Once you have made your changes you can click on the *Export* button

Pavement

1.26. Create User Workspace Segments

Navigate to the Linear Viewer Module

- Select the “Design investigation default” workspace and search for the road section on which you would like to create new workspace segments.
- On the selected section, ensure the “Road View” is selected under the Road Detail section. Open the Liv File.
- On the road view by right clicking on the Design Section blue bar, you can split the current segments into separate segments. You can also click and drag the created vertical line in order to specify where one segment should start and another should end.
- Once you are happy with your design segments, you must click the “Save Workspace” button in the top right-hand corner.

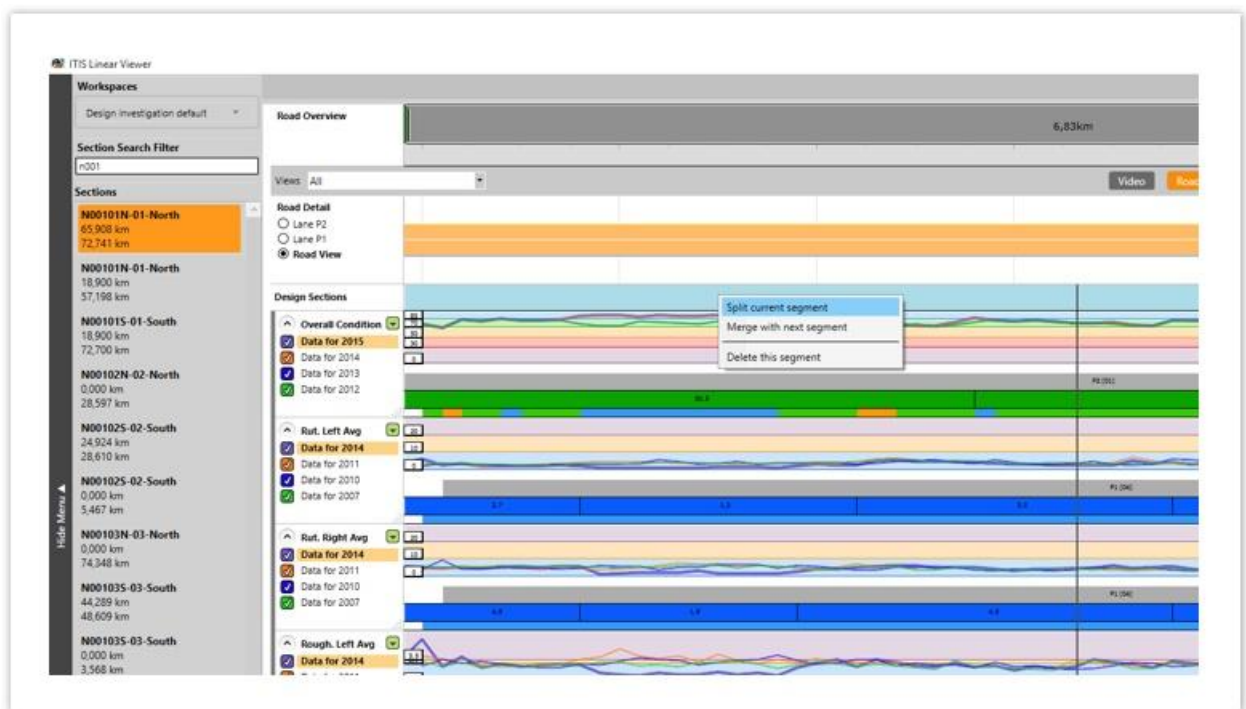


FIGURE 30: CREATE WORKSPACE SEGMENTS

1.27. Create Design Segments

- I. In the Main navigation menu click on Modules (Figure 2: No 1 Main Menu)
- II. In the Sub navigation menu click on Pavement (Figure 2: No 2 Sub Menu)
- III. Select Pavement Management

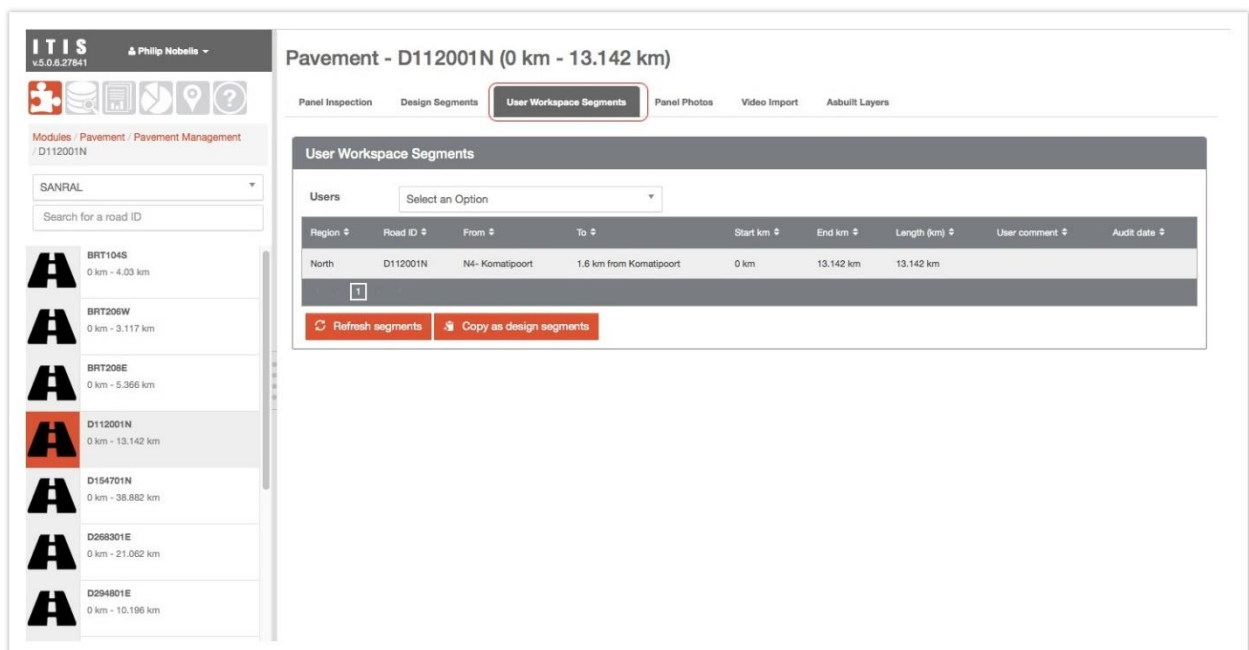


FIGURE 31: CREATE DESIGN SEGMENTS

- Search for the road section on which the user workspace segments was created and select it.
- Click on the “User Workspace Segment” tab to view the currently created workspace segments. If you were already on this page, you could click the “Refresh segments” button to reload any possible new segments that might have been created in the meantime.
- Above the grid is a dropdown filter to display the workspace segments designed by different people.
- A single user can only have a single set of workspace segments on a road section on any given time.

ITIS v5.0.6.27841 Philip Nobelle

Modules / Pavement / Pavement Management / D112001N

SANRAL

Search for a road ID

Pavement - D112001N (0 km - 13.142 km)

Panel Inspection **Design Segments** User Workspace Segments Panel Photos Video Import Asbuilt Layers

Design Segments

Region	Road ID	From	To	Start km	End km	Length (km)	Road Type	Start date
North	D112001N	N4- Komatipoort	1.6 km from Komatipoort	0 km	4.8 km	4.8 km	S2U	2002/06/01
North	D112001N	1.6 km from Komatipoort	1.4 km from Die Brug	4.8 km	10.5 km	5.7 km	S2U	2002/06/01
North	D112001N	1.4 km from Die Brug	Kruger Park Gate	10.5 km	13.142 km	2.642 km	S2U	2006/07/11

1

Copy as work segments

Design segments are versioned, but there can only be one current version that represents the segmentation as it is currently. The current segments can be viewed under the “Design Segments” tab on the Pavement Module. Should you wish to update the current design segments, you can do so via the “User Workspace Segments” tab by selected the relevant user’s workspace segments and clicking on the “Copy as design segments” button. This will version the current design segments for a specific date/time range and copying over / turn the selected user workspace segments into the new “current” design segments.

1.28. Creating Work Segments for a specific Year

From the “Design Segments” tab under the Pavement module, you can copy the current design segments to be used as work segments for a specific year by clicking on the “Copy as work segments” button. The same design segments can be used for multiple years until the road changes and the segmentation needs to be updated. These work segments can be reviewed as part of the annual Panel Rating process. The work segments can be viewed under the “Panel Inspection” tab on the Pavement module.

ITIS v5.0.6.27841 Philip Nobelle

Modules / Pavement / Pavement Management / D112001N

SANRAL

Search for a road ID

Pavement - D112001N (0 km - 13.142 km)

Panel Inspection **Design Segments** User Workspace Segments Panel Photos Video Import Asbuilt Layers

Panel Inspection

Financial years 2016

Description of Work Segment								Panel Rating			
Region	Road ID	From	To	Start km	End km	Length (km)	Width (m)	Road Type	Condition	Action	Options
North	D112001N	N4- Komatipoort	1.6 km from Komatipoort	0 km	4.8 km	4.8 km	0 m	S2U			Edit
North	D112001N	1.6 km from Komatipoort	1.4 km from Die Brug	4.8 km	10.5 km	5.7 km	3.68 m	S2U			Edit
North	D112001N	1.4 km from Die Brug	Kruger Park Gate	10.5 km	13.142 km	2.642 km	7.13 m	S2U			Edit

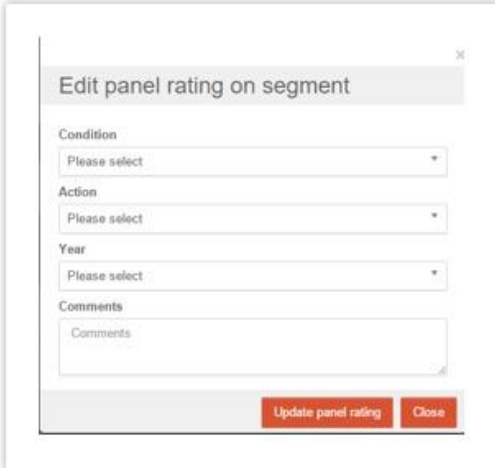
1

FIGURE 32: PANEL INSPECTION

The work segments can be filtered per year using the “Work years” dropdown on the “Panel Inspection tab”. There can only be one set of work segments per year, so every time design segments are copied for a copied for a specific year, the previous segments for that year will be overwritten.

1.29. Performing a Panel Rating

Panel ratings can be performed from the “Panel inspection” tab on the Pavement module. You can click on the “Edit” button next to a specific work segment and complete the form that pops up in the modal window.



The image shows a modal window titled "Edit panel rating on segment". It contains four dropdown menus labeled "Condition", "Action", and "Year", each with the text "Please select" and a downward arrow. Below these is a text area labeled "Comments" with the placeholder text "Comments". At the bottom right of the modal are two red buttons: "Update panel rating" and "Close".

FIGURE 33: ADD PANEL RATING

Projects

To open the Projects Module:

- I. In the Main navigation menu click on Modules (Figure 2: No 1 Main Menu)
- II. In the Sub navigation menu click on Projects (Figure 2: No 2 Sub Menu)

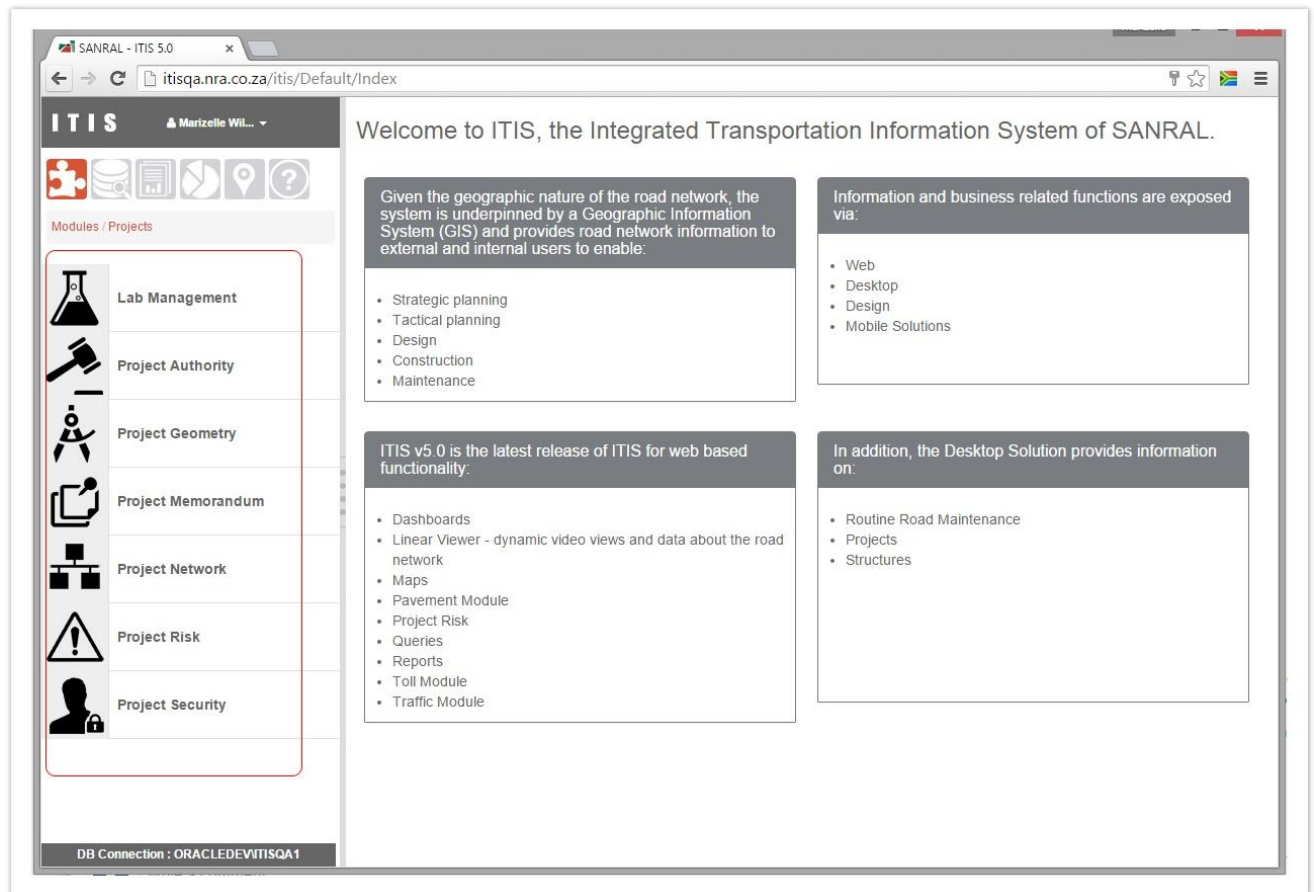


FIGURE 34: PROJECTS SUB MODULES

Projects Sub Module are explained in more detail below.

1.30. Lab Management

Use Lab Management to create a new Laboratory or view & Edit an existing Lab

- i. Click on Modules
- ii. Select Projects
- iii. Click on Lab Management

ITIS v5.0.6.27841 Philip Nobella

Modules / Projects / Lab Management

REGISTER NEW LABORATORY
Add a new laboratory

NOBELIS TEST LAB
Nobella Test Lab
Nobella

DB Connection : ORACLEPROD/ITIS

Lab Management - Add a new laboratory

Lab Registration

Laboratory Registration

Laboratory name
Laboratory name

Laboratory code
Laboratory code

Description
Description

Organisation
Please select

Open from
Open from

Open to
Open to

e-Mail address
e-Mail address

Telephone number +27 (12) 111-1111
Telephone number +27 (12) 111-1111

Add laboratory

FIGURE 35: LAB MANAGEMENT

1.30.1. Edit Lab

- Select a Lab from the list
- Update the information on the different tabs and click on Update Laboratory **Update laboratory**

ITIS v5.0.6.27841 Philip Nobella

Modules / Projects / Lab Management

REGISTER NEW LABORATORY
Add a new laboratory

NOBELIS TEST LAB
Nobella Test Lab
Nobella

DB Connection : ORACLEPROD/ITIS

Lab Management - Nobelis Test Lab

Lab Registration Address Capturers Materials Testers Equipment

Laboratory Registration

Laboratory name
Nobella Test Lab

Laboratory code
Laboratory code

Description
Nobella Test Lab

Organisation
Nobella

Open from
Open from

Open to
Open to

e-Mail address
e-Mail address

Telephone number +27 (12) 111-1111
Telephone number +27 (12) 111-1111

Update laboratory

FIGURE 36: EDIT LABS

1.31. Project Authority

Use the Project Authority Module to set up and manage your project.

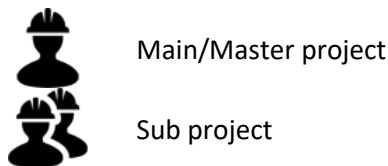
The screenshot displays the SANRAL ITIS 5.0 Project Authority module. The browser window shows the URL 'itisqa.nra.co.za/itis/Default/Index'. The page title is 'Project Authority - BP: Buildings & Ancil works - 14 & 17 (B.002-147-2004/1)'. The interface features a left sidebar with a project tree, a top navigation bar with tabs like 'General', 'Project Timelines', 'Service Providers', 'Stations', 'Sections', 'Factors', 'Maintenance Items', 'Bill of Quantity', and an 'Add sub-project' button. The main content area is divided into two panels: 'Authority' and 'Project Functions'. The 'Authority' panel contains fields for Authority name (SANRAL), Project code (B.002-147-2004/1), Project number (B.002-147-2004/1), Project name (BP: Buildings & Ancil works - 14 & 17), Description (BP: Buildings & Ancil works - 14 & 17), Project type (Select an Option), and Project office (Northern Region). The 'Project Functions' panel shows checkboxes for Project function(s) like Authority Management, Construction, Design Investigation, Incident Capture, Project Information, and Routine Road Maintenance. It also includes fields for Project manager (Abdulragmaan Hay) and Stand-in project manager (Marizelle Wilgenbus), with an 'Update functions' button. A footer bar indicates 'DB Connection : ORACLEDEVITISQA1'.

FIGURE 37: PROJECT AUTHORITY

To access Project Authority:

- iv. Click on Modules
- v. Select Projects
- vi. Click on Project Authority
- vii. Search and click on your project
- viii. Once clicked you will see the above screenshot (Figure 45: Project Authority)

In the project tree you will see two different project types:



In the example above you have one main/master project with three sub projects.

Project Authority consists of the following tabs:

- General
- Project Timelines
- Service Providers
- Sections
- Factors
- Maintenance Items
- Bill of Quantity

1.31.1. General

The screenshot displays the 'Project Authority - BP: Buildings & Ancil works - 14 & 17 (B.002-147-2004/1)' page in the SANRAL ITIS 5.0 application. The 'General' tab is active, showing various project details. The left sidebar contains a navigation menu with options like 'CREATE NEW PROJECT' and a list of projects. The main content area is divided into two sections: 'Authority' and 'Project Functions'. The 'Authority' section contains fields for Authority name, Project code, Project number, Project name, Description, Project type, and Project office. The 'Project Functions' section includes checkboxes for selecting project functions and fields for Project manager and Stand-in project manager. A red 'Add sub-project' button is located in the top right corner.

FIGURE 38: PROJECT AUTHORITY - GENERAL

The following information can be viewed, captured or edited on the General tab:

- **Authority Name** – The name of the authority this project belongs to
- **Project Code** – The project code/number
- **Project Number** – The project code/number
- **Project Name** – The name of the project
- **Description** – A short description of the project
- **Project Type** – The type of project
- **Project Office** – The office/region this project belongs to
- **Project Functions** – Selects the applicable functions for this project

NOTE: Project Functions will activate tabs and/or modules for the selected project. Example: For the Maintenance Items tab to be active this project must be marked as a Routine Road Maintenance project.

- **Project Manager** – The name of the project manager
- **Stand-in Manager** – The name of the stand-in manager

NOTE: Some of the fields cannot be updated as this information is obtained from SAP. If the information is incorrect then please update the info in SAP. Changes made in SAP can take up to 24 hours to appear in ITIS.

1.31.2. Project Timelines

The screenshot shows the ITIS 5.0 web application interface. The browser address bar displays '196.25.218.14/itis/Default/Index'. The page title is 'Project Authority - BP: Buildings & Ancil works - 14 & 17 (B.002-147-2004/1)'. The 'Project Timelines' tab is selected and highlighted with a red box. The left sidebar contains a navigation menu with icons for project management, a search bar, and a list of projects including 'B.002-147-2004/1' and 'N.002-030-2015/1'. The main content area displays the 'Project Timeline' form with the following fields: 'Consultant tender open date' (1997/08/05), 'Consultant tender close date' (1999/08/10), 'Design appointment date' (2001/08/08), 'Construction tender open date' (2002/08/01), 'Construction tender close date' (2002/08/30), 'Construction period date' (2003/08/01), and 'Construction period duration' (41 Months). An 'Update timeline' button is located at the bottom of the form. A red '+ Add sub-project' button is visible in the top right corner. The bottom status bar indicates 'DB Connection : ORACLEDEVITISQA1'.

FIGURE 39: PROJECT AUTHORITY - PROJECT TIMELINES

The following information can be viewed, captured or edited on the Project Timelines tab:

- **Consultant tender open date**
- **Consultant tender closing date**
- **Design appointment date**
- **Construction tender open date**
- **Construction tender closing date**
- **Construction period date**
- **Construction period duration**
- **Base date**
- **Project start date**
- **Project end date**
- **Retention payment date**

1.31.3. Service Providers

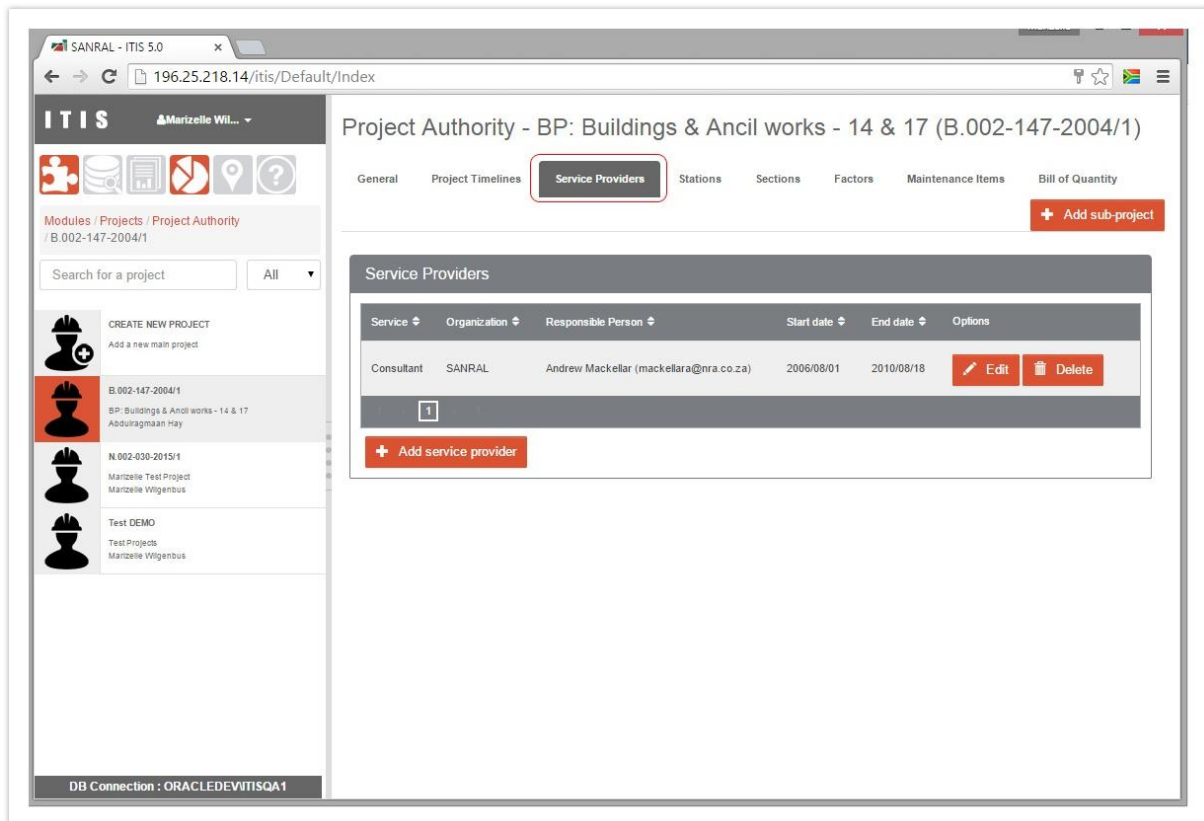



FIGURE 40: PROJECT AUTHORITY - SERVICE PROVIDERS


The following service providers can be added:

- Consultant
- Main Contractor


➤ Add a service provider

- Click on Add service provider 
- Capture the following information
 - **Organization name**
 - **Service**
 - **Start date**
 - **End date**
 - **Responsible person**
- Click on Add service provider

➤ Edit a service provider

- Click on Edit  next to the service provider
- Make the changes
- Click on Update service provider

Delete a service provider

- Click on Delete  next to the service provider
- Click on Remove service provider

1.31.4. Sections

Use this tab to capture the route(s)/section(s) applicable to the selected project. These sections are used in systems like RRM and **changes made to the sections could affect the capture of data on the ITIS Desktop software.**

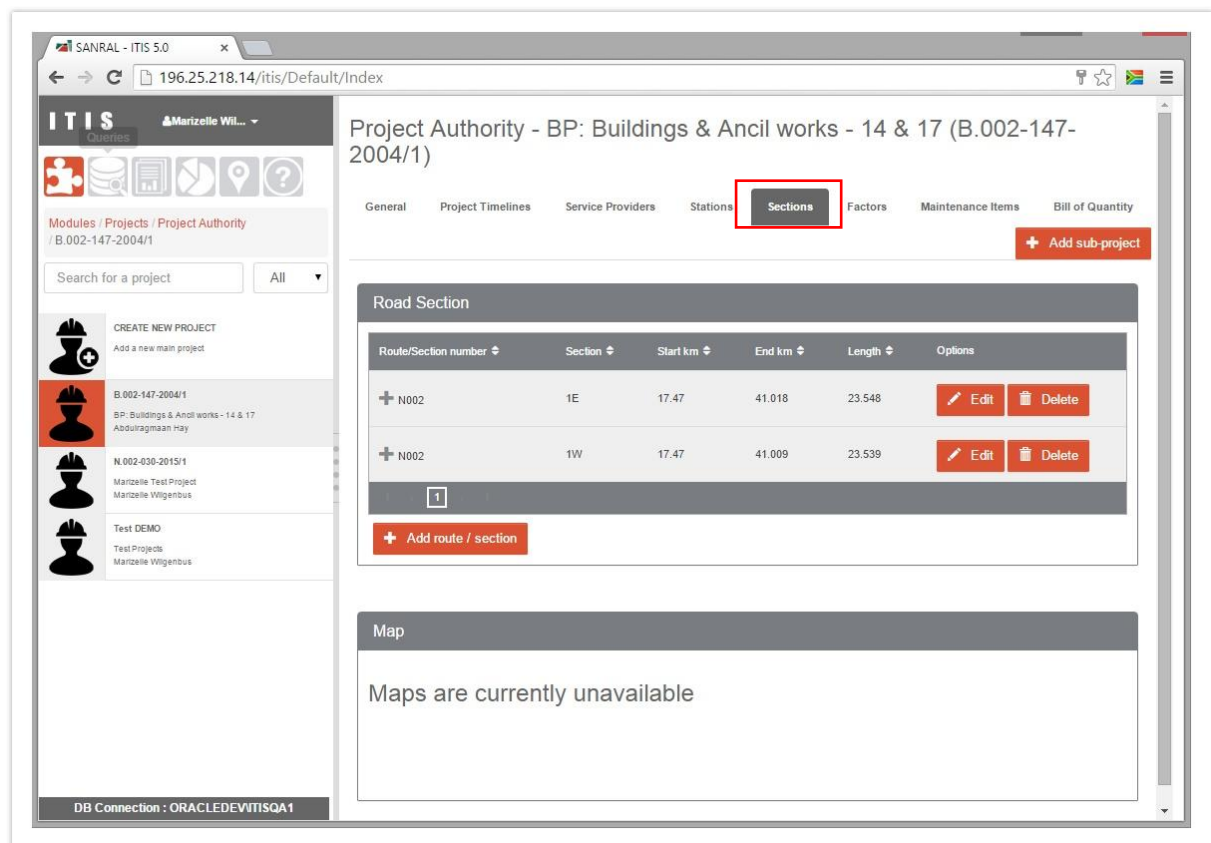
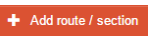



FIGURE 41: PROJECT AUTHORITY - SECTIONS


➤ Add a route/section

- Click on Add route/section 
- Start typing the road ID and select the correct road ID from the dropdown
- Capture the start and end km
- Click on Add route/section

➤ Edit a route/section

- Click on Edit  next to the route/section
- Make the required changes
- Click on Update route/section

➤ Delete a route/section

- Click on Delete  next to the route/section
- Click on Remove route/section

1.31.5. Factors

Use this tab to capture the applicable factors for the selected project. These factors are used for Contract Price Adjustment (CPA) calculations. **Changing these factors will affect existing and future payment certificates calculations.**

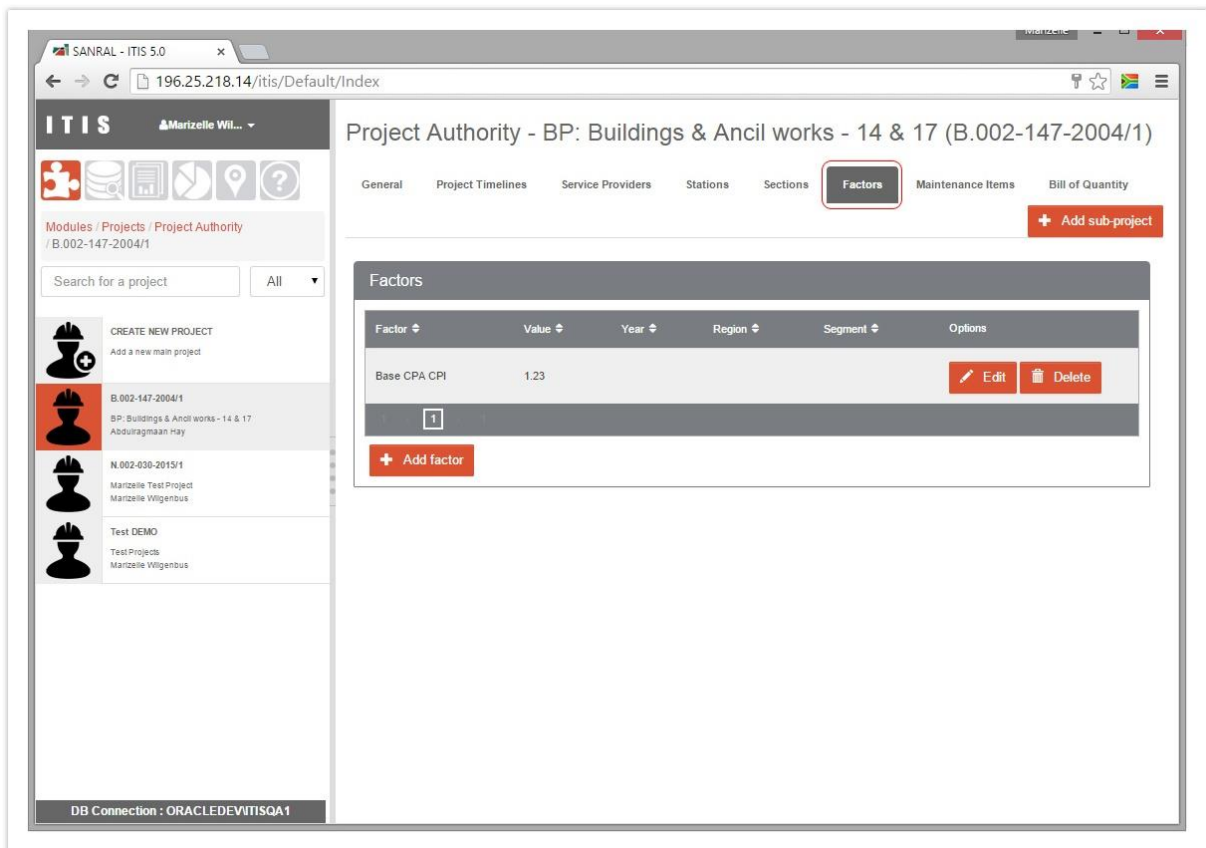



FIGURE 42: PROJECT AUTHORITY - FACTORS


The following factors can be captured on this tab:

- CPI
- Base CPA Coefficient A-D, X
- Base and published Fuel, Plant, Material and Labour

➤ Add a factor

- i. Click on Add factor 
- ii. Select the factor from the dropdown
- iii. Capture either the value or select applicable option from the dropdown
- iv. Click on Add factor

➤ Edit a factor

- i. Click on Edit  next to the factor
- ii. Make the required changes
- iii. Click on Update factor

➤ Delete a factor

- i. Click on Delete  next to the factor
- ii. Click on Remove factor

1.31.6. Maintenance Items

Use the maintenance items tab to manage the activity items -and associated rates on a project. Currently the maintenance items listed are only for RRM. Activities for other systems might be added in the future.

Changing the activities, rates and quantities could affect existing and future payment certificate calculations.

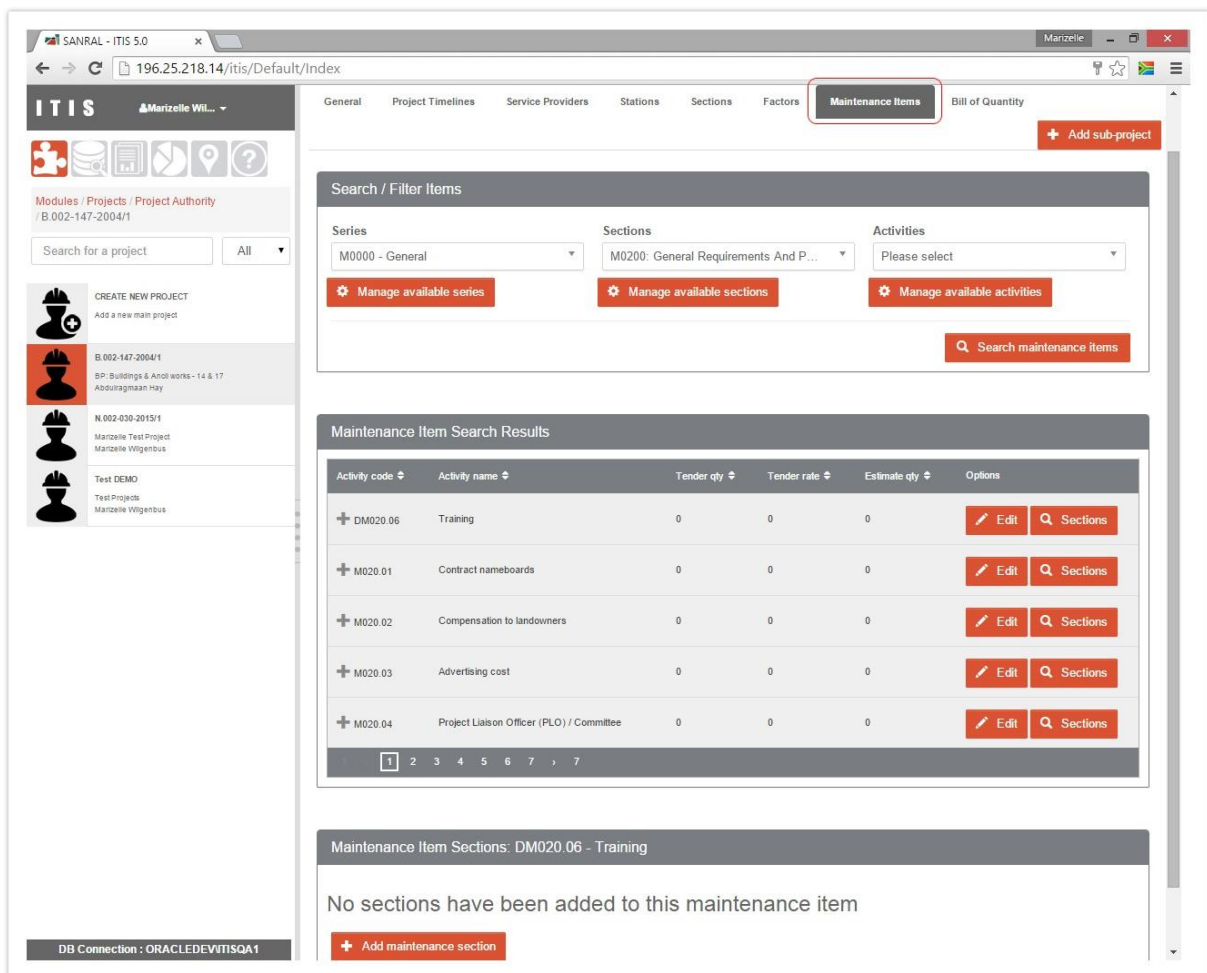



FIGURE 43: PROJECT AUTHORITY - MAINTENANCE ITEMS


Linking activities to a project

- i. Click on Manage available activities 
- ii. Select the Series and Section from the dropdown

NOTE: If the series dropdown is blank or has missing items then click on Manage available series and select the missing item(s).

- iii. Check all the activities that must be linked
- iv. Click on Add/remove activities

Removing activities from a project

- i. Click on Manage available activities 
- ii. Select the Series and Section from the dropdown
- iii. Uncheck the activity(s) that must be removed
- iv. Click on Add/remove activities


Capture an activity rate

- i. Select the series from the dropdown


NOTE: If the series dropdown is blank or has missing items then click on Manage available series and select the missing item(s).

- ii. Select the section from the dropdown

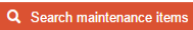

NOTE: If the series dropdown is blank or has missing items then click on Manage available series and select the missing item(s).

- iii. Click on Search maintenance items 
- iv. The results will be shown in the maintenance item search results box

NOTE: If you cannot find the activity in the search results then please ensure that the item is linked to the project. See Linking activities to a project.




- v. Click on Edit  next to the activity
- vi. Capture the tender QTY and rate
- vii. Click on update maintenance item

Update an activity rate

- i. Select the series from the dropdown
- ii. Select the section from the dropdown
- iii. Click on Search maintenance items 
- iv. The results will be shown in the maintenance item search results box
- v. Click on Edit  next to the activity
- vi. Update the tender QTY and/or rate
- vii. Click on update maintenance item

Linking an activity to a route/section

By default, an activity can be used on all routes and sections linked to a project. This can be restricted if the item is only applicable to a specific route/section:




- i. Select the series from the dropdown
- ii. Select the section from the dropdown
- iii. Click on Search maintenance items 
- iv. The results will be shown in the maintenance item search results box
- v. Click on Sections  next to the activity
- vi. The results will be shown in the maintenance item sections results box
- vii. Click on add maintenance section 
- viii. Select the road ID from the dropdown

NOTE: If you cannot find the road ID in the dropdown then please ensure that the route/section is linked to the project. See Add route/section.




- ix. Capture the start and end km
- x. Click on Add maintenance section

NOTE: An activity can be linked to more than one route/section. Simply add the second route/section as explained above.

Update the maintenance section start or end km

- i. Select the series from the dropdown
- ii. Select the section from the dropdown
- iii. Click on Search maintenance items 
- iv. The results will be shown in the maintenance item search results box
- v. Click on Sections  next to the activity
- vi. The results will be shown in the maintenance item sections results box
- vii. Click on Edit  next to the route/section
- viii. Update the start and/or end km
- ix. Click on Update maintenance section

Remove the maintenance section

- i. Select the series from the dropdown
- ii. Select the section from the dropdown
- iii. Click on Search maintenance items 
- iv. The results will be shown in the maintenance item search results box
- v. Click on Sections  next to the activity
- vi. The results will be shown in the maintenance item sections results box
- vii. Click on Delete  next to the route/section
- viii. Click on Remove maintenance section

Only the SANRAL Project Manager or Stand-in Project Manager has permission to populate the Project Authority tabs:

- General – auto populated from SAP
- Project Timelines
- Service Providers
- Sections
- Factors
- Maintenance Items - The SANRAL Project/Stand-In Manager can add and edit the maintenance items once the contract has been agreed

1.32. Project Geometry

- I. Click on Modules
- II. Select Projects
- III. Click on Project Geometry
- IV. Search for and select a Project

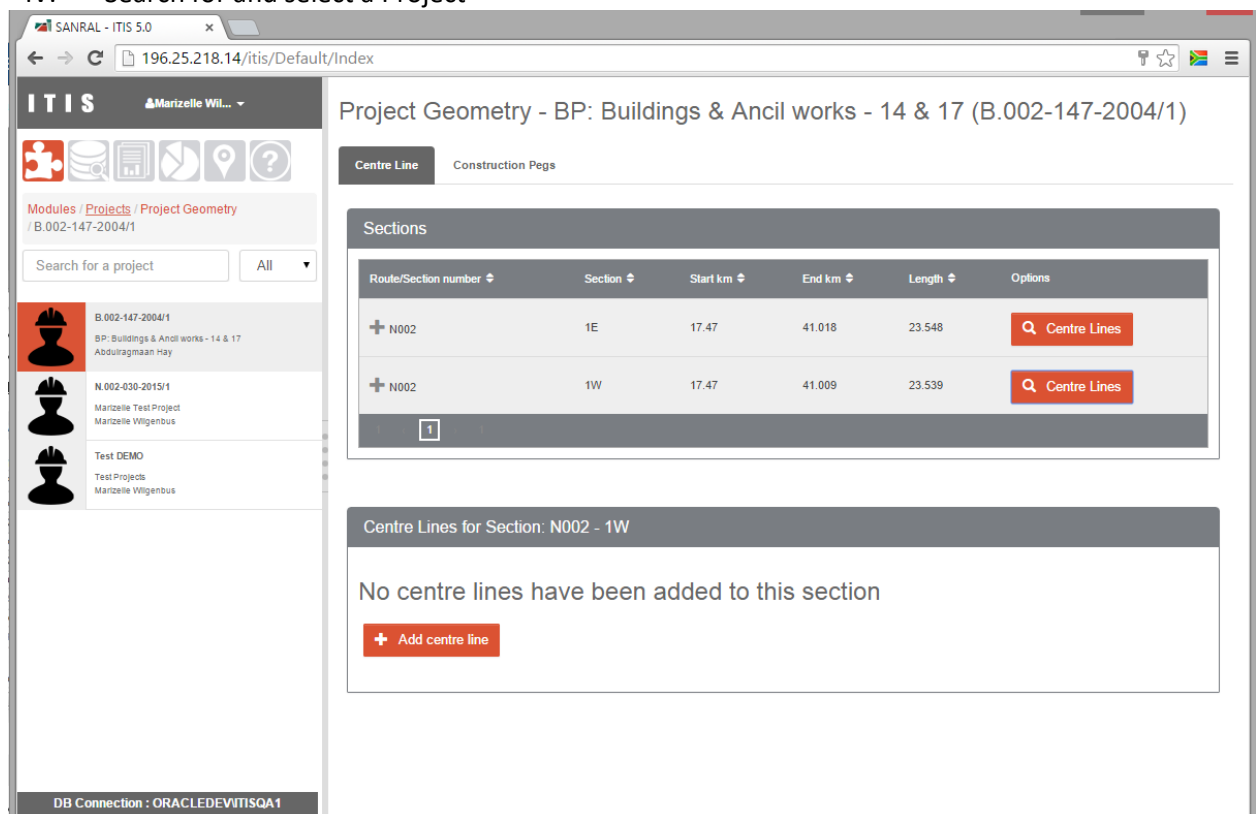



FIGURE 44: PROJECT GEOMETRY

- Select a Section and click on Centre Lines
- If Centre Lines have been loaded-they will be displayed at the bottom. If no Centre Lines have been loaded you can click on the Add Centre Lines Button 

1.32.1. Add Centre Line

When you click on the Add Centre Line button the following screen will open up:

Add centre line to section

Type
Please select ▼

Construction start date
2009-08-12

Construction end date
2012-07-12

Survey date
Survey date

Process date
Process date

☐ Is active

Upload a centre line file
Choose File No file chosen

Add centre line Close

FIGURE 45: PROJECT GEOMETRY - ADD CENTRE LINE

- Select a Type from the Dropdown box
- Add the Survey Date
- Add the Process Date
- Select the *Is Active* box if applicable
- Click on the Choose File **Choose File** button then select your file for upload
- Click on Add Centre Line **Add centre line**

The Centre Line will now be displayed in the Centre Lines Section:

Project Geometry - BP: Buildings & Ancil works - 14 & 17 (B.002-147-2004/1)

Centre Line Construction Pegs

Sections

Route/Section number	Section	Start km	End km	Length	Options
+ N002	1E	17.47	41.018	23.548	Centre Lines
+ N002	1W	17.47	41.009	23.539	Centre Lines

Centre Lines for Section: N002 - 1W

Type	Survey date	Process date	Is Active	Options
Carriage-way	2005/09/01	2010/09/23	<input checked="" type="checkbox"/>	Edit Delete



Add centre line

FIGURE 46: PROJECT GEOMETRY - VIEW CENTRE LINE

1.32.2. Edit a Centre Line

- Select the relevant Section and Centre Line and click on the Edit button **Edit**
- Make the relevant changes
- Upload your file
- Click on Update Centre Line **Update centre line**

1.32.3. Delete a Centre Line

- Select the relevant Section and Centre Line
- Click on the Delete Button  Delete
- Click on the Remove Centre Line button 

1.32.4. HELP

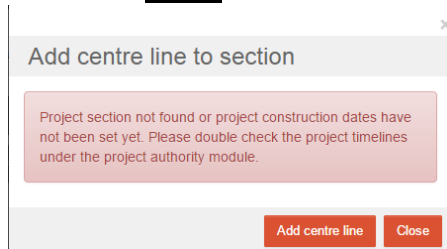


FIGURE 47: CENTRE LINE HELP

If you click on *Add Centre Line* and get the above message, go back to Project Authority - Timelines (13.2.2) and add Project Timelines. Once added you can add a Centre Line

1.33. Project Memorandum

Use this module to create and manage project memorandums. Users are able to create, approve, recommend and reject memorandums based on the roles they belong to.

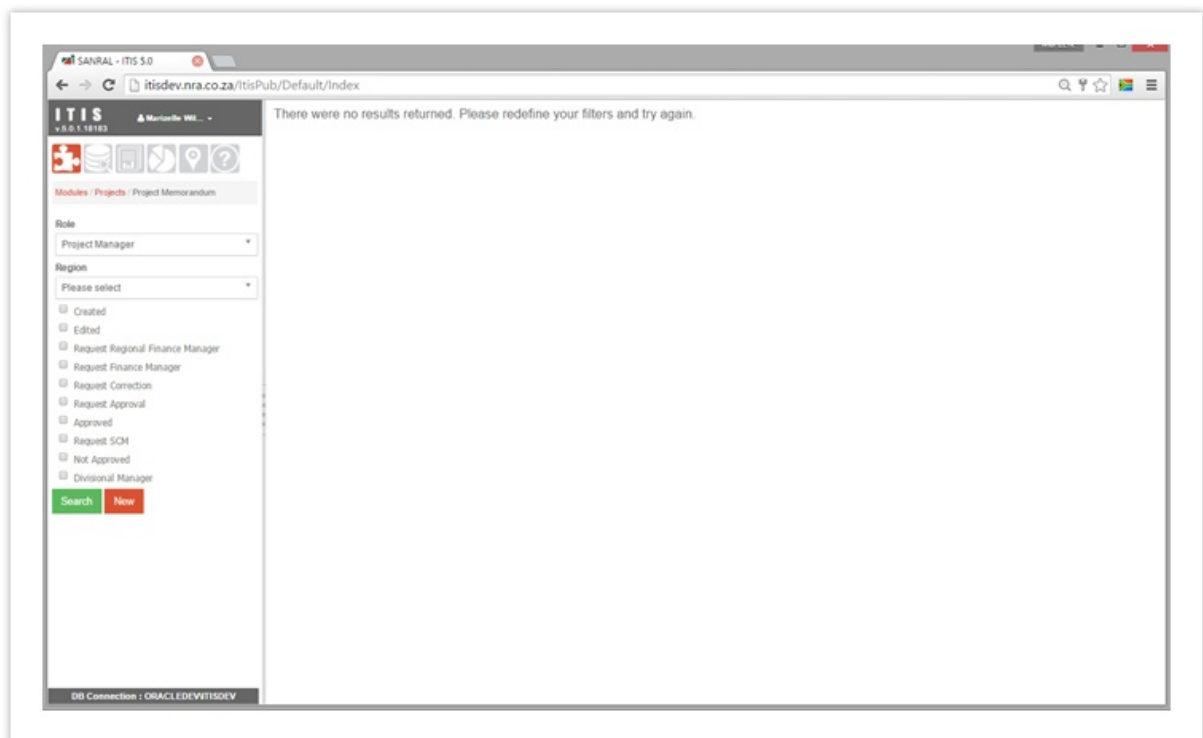


FIGURE 48: PROJECT MEMORANDUM

To access Project Memorandum:

- Click on Modules
- Click on Projects
- Select Project Memorandum
- Once clicked you will see the above screenshot (*Figure 103: Project Memorandum*)

1.33.1. Memo statuses

- | | |
|---------------------|---------------------------------|
| In Progress | This memo is in progress |
| Not Approved | This memo has not been rejected |
| Approved | This memo has been approved |

1.33.2. Create a new Memo

Only the PM and SPM can create a new memo for a project. When creating a new memo, the PM will only be able to select a project that has been assigned to him or her in SAP.

FIGURE 49: CREATE NEW MEMO

- i. Click on New New
- ii. In the pop-up window capture the project number and select the project from the dropdown
- iii. If this is a memo for an existing project then select the Existing Project tick box (as circled above – *Figure 104*). This will require to capture previous approved memo information required for validations.
- iv. Select whether this is a deviation, variation or normal memo
 - **Deviation** – Any Procurement not done on a competitive basis including extension to term contract, and changing scope of existing contract
 - **Variation** – Any over expenditure calculated on Tendered Price + CPA + Contingencies + VAT above 15% or R15m for non-engineering contracts and above 20% or R20m for engineering contracts, whichever is the lowest, must be reported to treasury
- v. Select the project phase, purpose and project type from the dropdowns
- vi. Add the Document number, motivation & total
- vii. Click on Create Create

1.33.3. Edit memo info

FIGURE 50: EDIT MEMO

- i. The following info will automatically be captured:
 - Created By
 - Delegated Authority
 - Current Reviewer
 - Region
 - Project Code
 - Status

FIGURE 51: RECORDED INFO


- I. Click on Edit **Edit**
- II. Add or change the relevant information
- III. Click on Update **Update** so save the memo info
- IV. Or Close to Cancel

1.33.4. Request Approval

Now that your memo has been created it must be approved by the correct authority, based on the signed delegations. For more information about the delegations please refer to the following documents:

- DOCS_NRA# Delegation of Power by the SANRAL Board of Directors to the SANRAL Chief Executive Officer
- DOCS_NRA# Delegation of Power by the Chief Executive Officer

- i. Click on Approval **Approval**
- ii. In the popup window capture the following:
 - **Actions** – Select Assign

- **Assign** – Select the authority from the dropdown that must approve the memo. This will define the workflow process that must be used to approve the memo.
 - **Division Manager** – Select the correct Division Manager from the dropdown
 - **Comment** – Capture a comment if required
- iii. Click on Apply . This will forward the memo to the next person in the approval process.

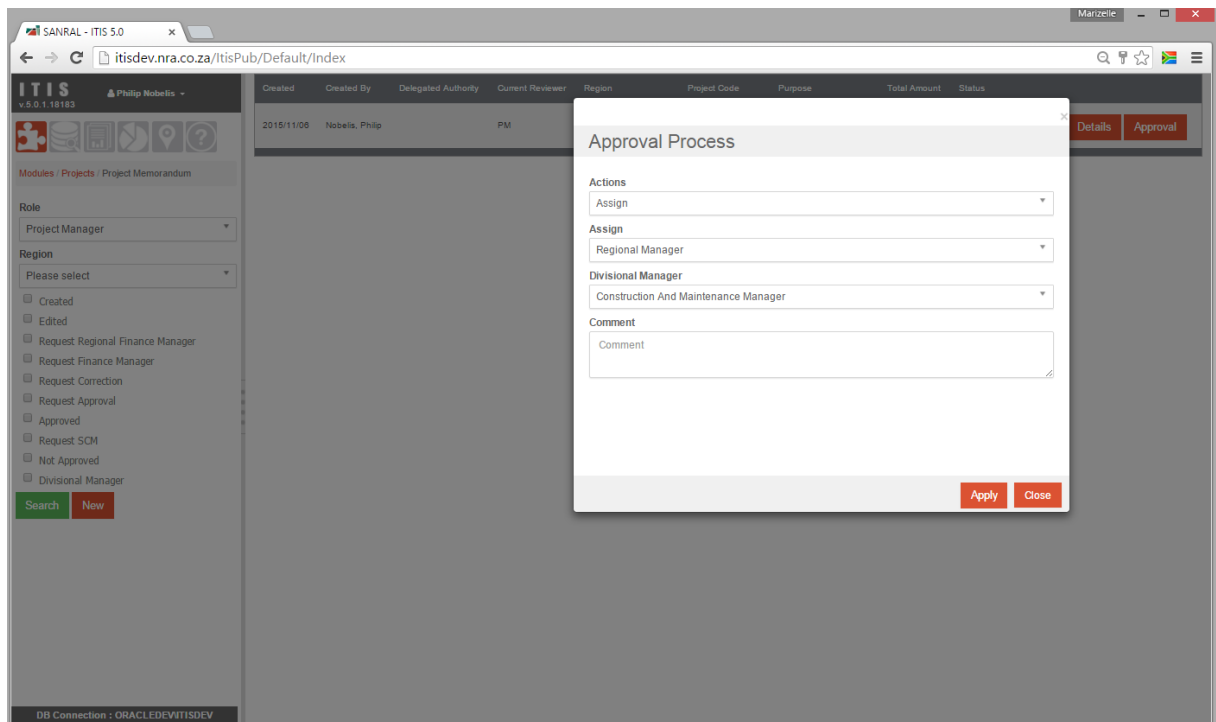


FIGURE 52: REQUEST APPROVAL

At any point during the workflow process you can perform one or more of the following actions:


- **Memo Correction** – The memo is sent back to the PM for corrections.
- **Recommend Memo** – The memo is recommended by reviewers
- **Escalate** – The memo is being escalated to a higher authority for approval
- **Not Approved** – The memo has been rejected. The memo is closed
- **Approve** – The memo has been approved. The memo is closed

1.33.5. Recommend Memo

The following roles must recommend a memo before it can be approved:

- SPM
- RFM
- FM
- DM
- RM, only if the memo is marked to be approved by CFO, CSE, EX, CEO or CC
- CFO
- EX
- CSE

NOTE: SPM, RFM, FM & DM can never approve a memo. They can only recommend, send a memo back for correction or reject a memo

- Click on Approval
- Capture the following:
 - **Action** – Recommend
 - **Comment** - Capture a comment if required
- Click on Apply . This will forward the memo to the next person in the approval process.

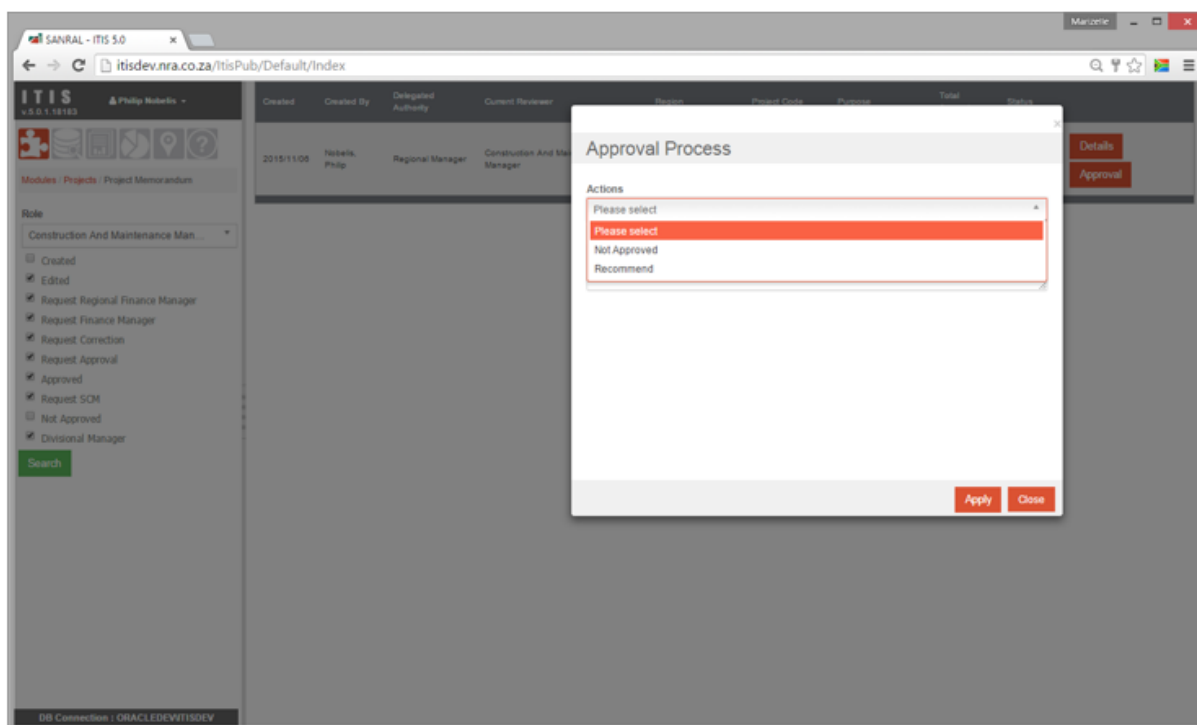



FIGURE 53: RECOMMEND MEMO

NOTE: For more information on roles please refer to Glossary & Terms (Page 6)

1.33.6. Memo Correction

At any point during the workflow process a memo can be sent back to the PM for corrections. Sending it back for corrections will restart the approval process and all the users involved must recommend the memo again.

- i. Click on Approval
- ii. Capture the following:
 - **Action** – Request Correction
 - **Comment** - Capture a comment
- iii. Click on Apply . This will send the memo back to the PM to make the required corrections.

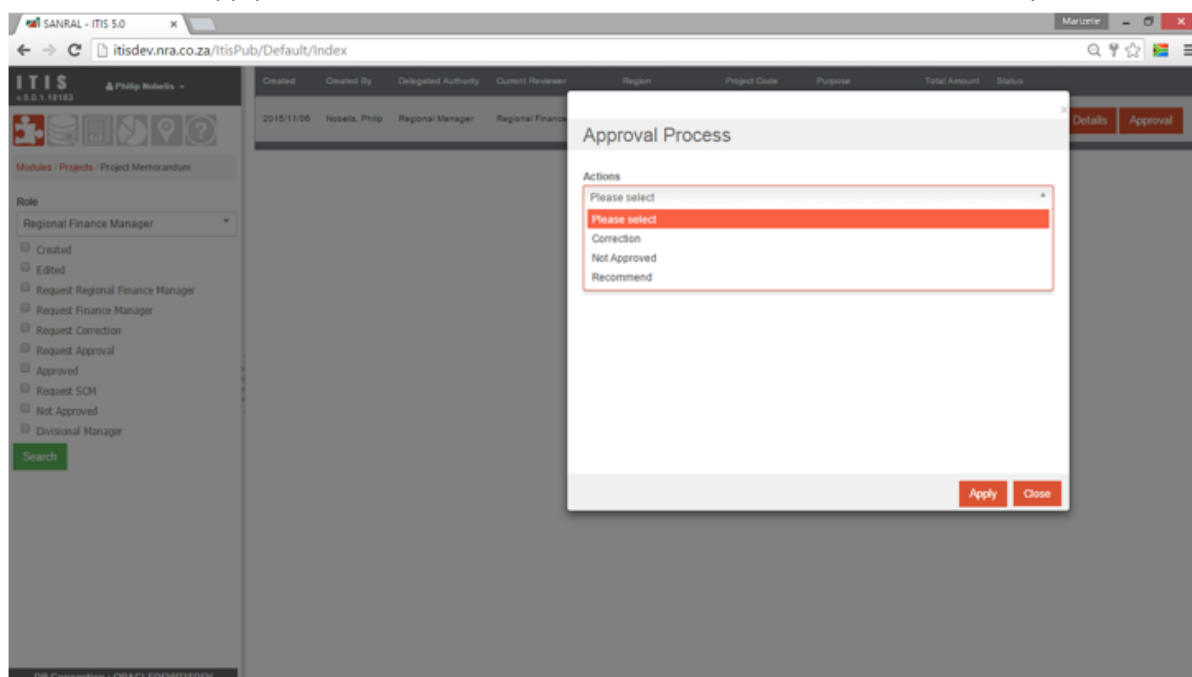



FIGURE 54: MEMO CORRECTION

1.33.7. Escalate Memo

The authority that was selected to approve the memo, on request approval, can escalate the memo.

Example: The memo was marked to be approved by the RM, the RM can now escalate the memo to be approved by the EX.

- i. Click on Approval
- ii. Capture the following:
 - **Action** – Escalate
 - **Assign** – Select the new approve authority
 - **Comment** - Capture a comment
- iii. Click on Apply . This will forward the memo to the next person in the approval process.

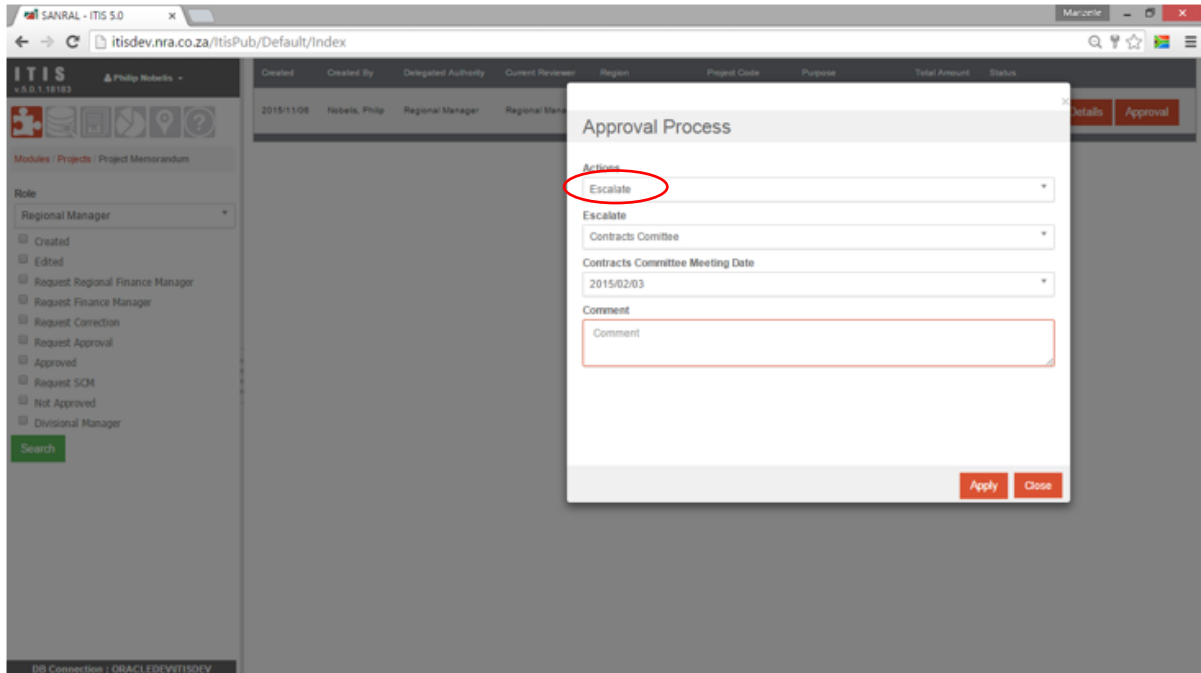



FIGURE 55: ESCALATE MEMO

1.33.8. Approve Memo

Users in the following roles can approve a memo:

- RM
 - CFO
 - CSE
 - EX
 - CEO
 - CC
- i. Click on Approval
 - ii. Capture the following:
 - **Action** – Approve
 - **Item number** – Item memo number (The person approving the memo adds the memo number)
 - **Comment** - Capture a comment if required
 - iii. Click on Apply . This will close the memo as approved.

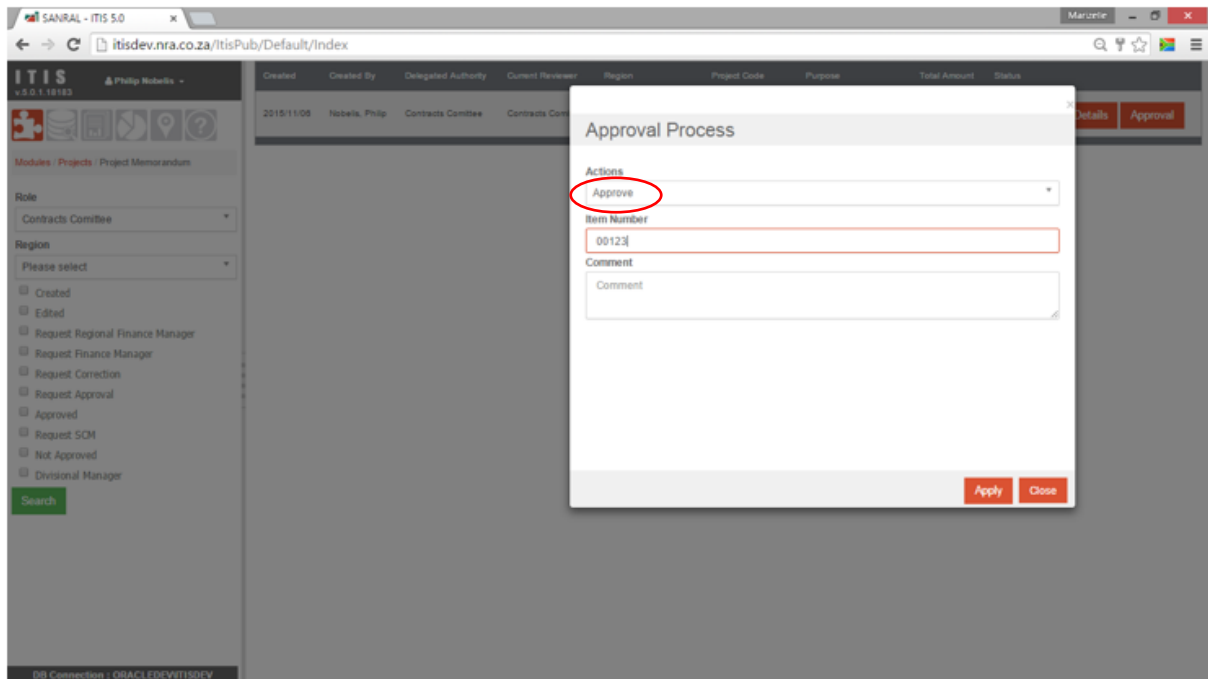


FIGURE 56: MEMO APPROVE

Once a memo is approved it is closed.

1.33.9. Not Approved

Any user in the approval process can reject a memo for a valid reason.

- i. Click on Approval
- ii. Capture the following:
 - **Action** – Not approved
 - **Comment** - Capture a comment
- iii. Click on Apply Apply. This will close the memo as not approved.

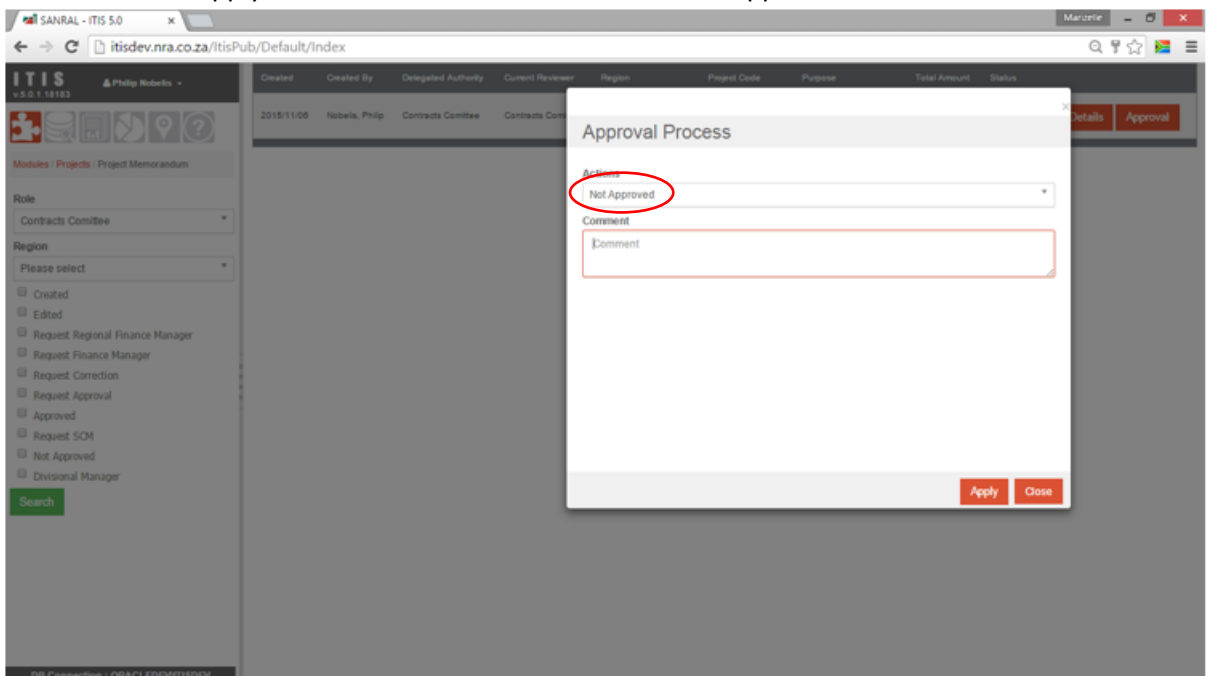
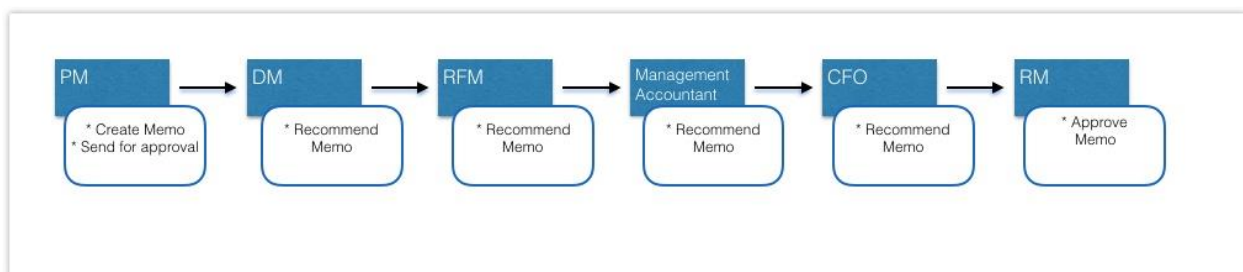


FIGURE 57: MEMO NOT APPROVED

1.33.10. Approval Workflows

Based on the authority selected in the request approval window, one of the following workflows will be used:

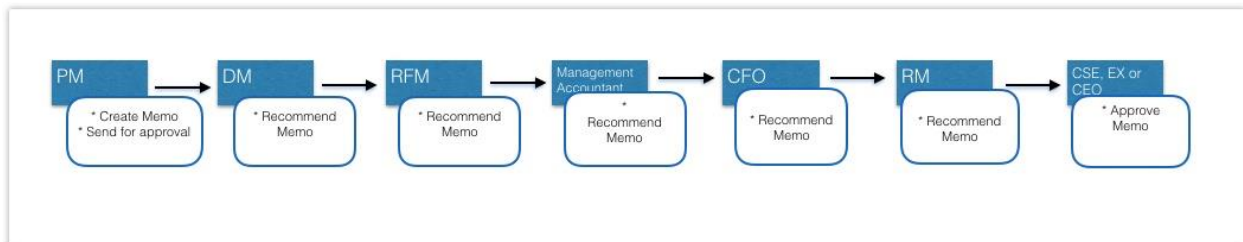
- Memo sent to RM for approval



NOTE: At any point during the above workflow a memo can be cancelled or sent back to the PM for correction. Sending the memo back for correction will restart the above workflow.

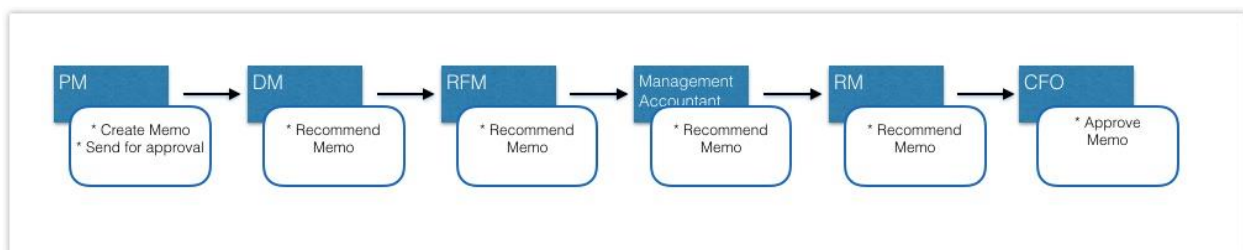
1.33.11.

➤ Memo sent to CSE, EX or CEO for approval



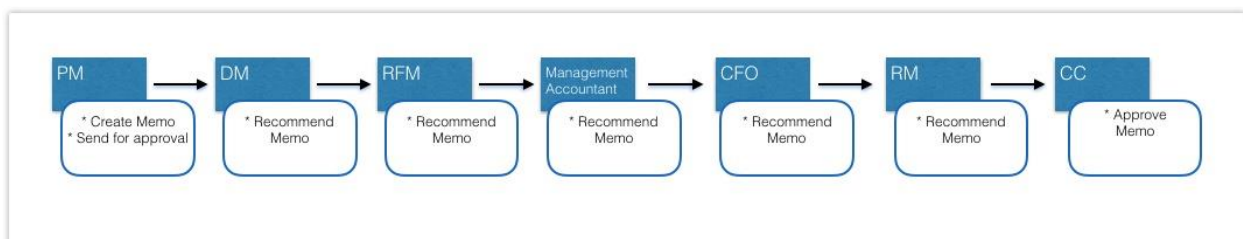
NOTE: At any point during the above workflow a memo can be cancelled or sent back to the PM for correction. Sending the memo back for correction will restart the above workflow.

I. Memo sent to CFO for approval



NOTE: At any point during the above workflow a memo can be cancelled or sent back to the PM for correction. Sending the memo back for correction will restart the above workflow.

➤ Memo sent to CC for approval



NOTE: At any point during the above workflow a memo can be cancelled or sent back to the PM for correction. Sending the memo back for correction will restart the above workflow.

1.34. Project Network

To access Project Network:

- I. Click on Modules
- II. Select Projects
- III. Click on Project Network
- IV. Search for Search for a project and click on your project
- V. Once clicked you will see the below screenshot (*Figure 113: Project Network*)

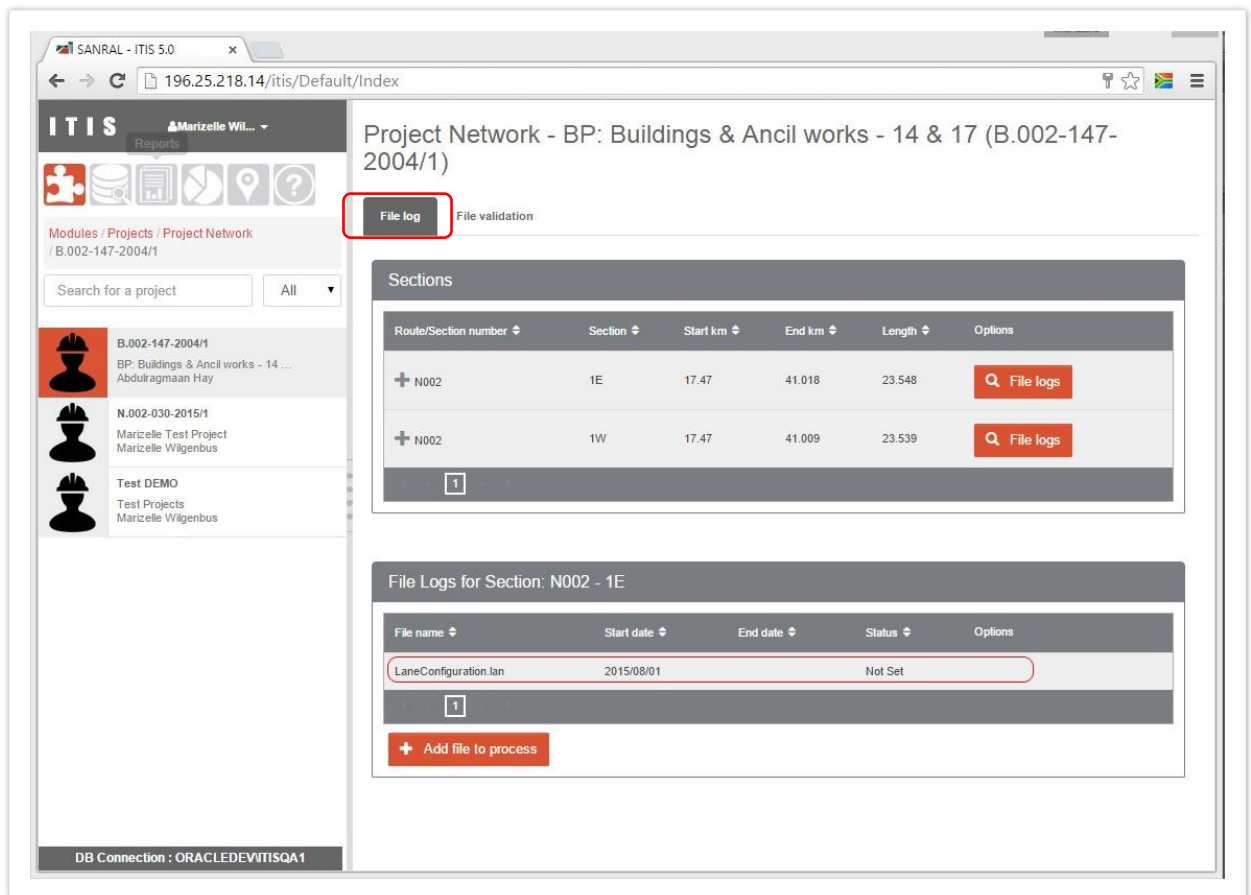



FIGURE 58: PROJECT NETWORK - VIEW FILE LOGS

- I. Select a Route / Section and click on File Logs  to view or add a file

1.34.1. Add a File to Process

To add a file for processing click on the Add File to Process  button in the File Logs section

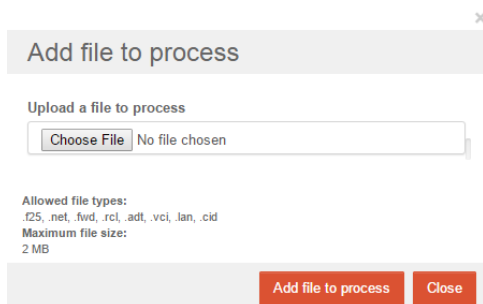
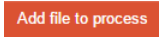


FIGURE 59: PROJECT NETWORK - ADD FILE

- Click on Choose file to select the relevant file
- Click on Add File to Process 

1.34.2. HELP

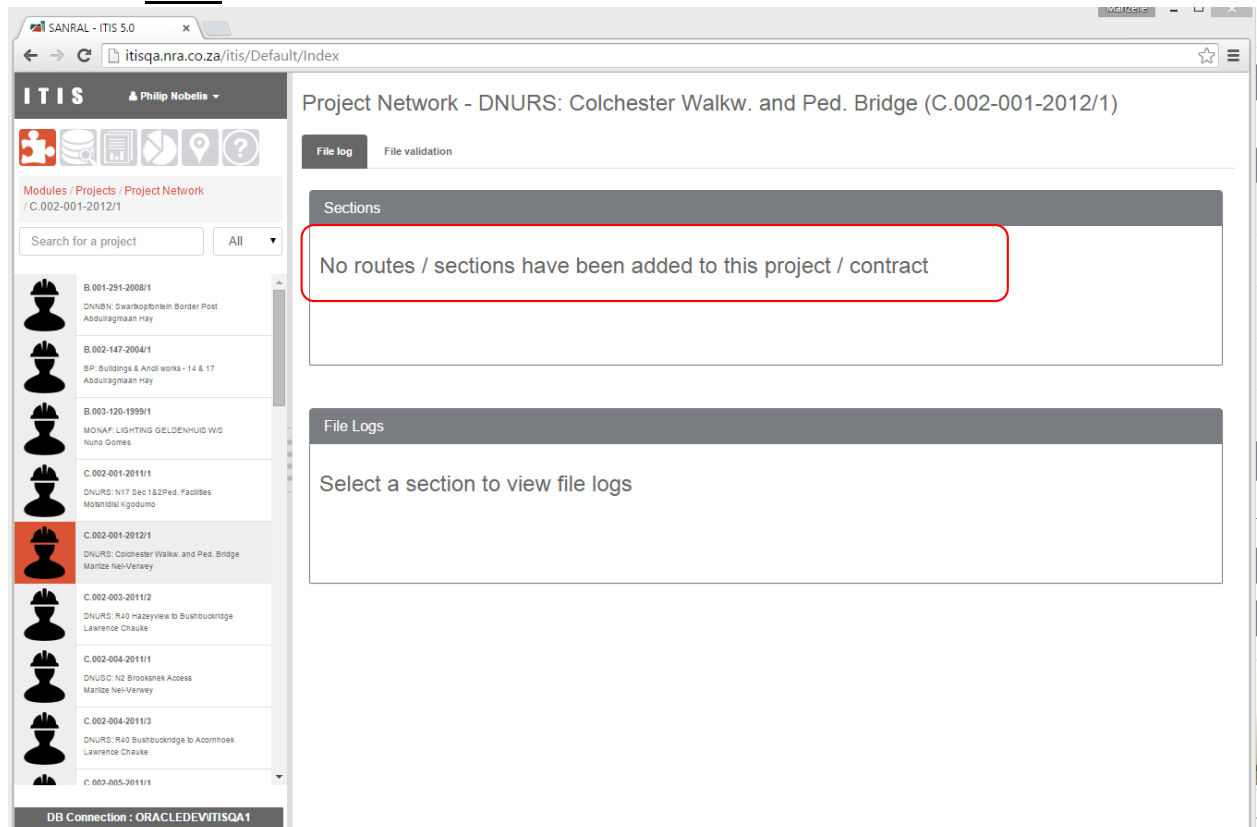


FIGURE 60: PROJECT NETWORK HELP

If you are unable to view or add files and get the above screen go back to Project Authority – Sections (13.2.4) and add the relevant sections, then return to Project Network and continue adding files.

1.35. Project Risk

Use this module to manage and report project risks, implement risk adjusted project programming and risk-adjusted cost estimation.

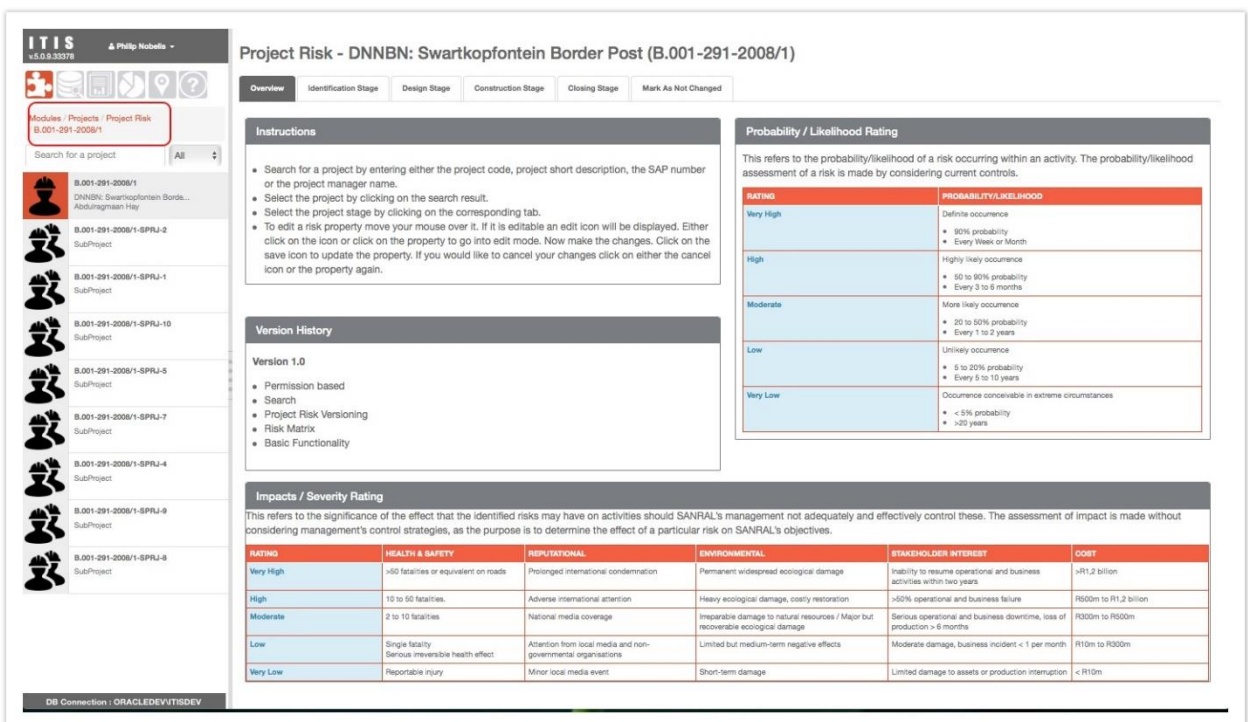


FIGURE 61: PROJECT RISK

To access Project Risk:

- Click on Modules

- ii. Select Projects
- iii. Click on Project Risk
- iv. Once clicked you will see the above screenshot (*Figure 116: Project Risk*) with a general overview of rating scales used, and a project list on the left

Project Risk - MONRM: RRM Piet Retief R33, N2 (X.002-018-2015/1)

Instructions

- Search for a project by entering either the project code, project short description, the SAP number or the project manager name.
- Select the project by clicking on the search result.
- Select the project stage by clicking on the corresponding tab.
- To edit a risk property move your mouse over it. If it is editable an edit icon will be displayed. Either click on the icon or click on the property to go into edit mode. Now make the changes. Click on the save icon to update the property. If you would like to cancel your changes click on either the cancel icon or the property again.

Version History

Version 1.0

- Permission based
- Search
- Project Risk Versioning
- Risk Matrix
- Basic Functionality

Probability / Likelihood Rating

This refers to the probability/likelihood of a risk occurring within an activity. The probability/likelihood assessment of a risk is made by considering current controls.

RATING	PROBABILITY/LIKELIHOOD
Very High	Define occurrence <ul style="list-style-type: none"> 90% probability Every Week or Month
High	Highly likely occurrence <ul style="list-style-type: none"> 50 to 90% probability Every 3 to 6 months
Moderate	More likely occurrence <ul style="list-style-type: none"> 20 to 50% probability Every 1 to 2 years
Low	Unlikely occurrence <ul style="list-style-type: none"> 5 to 20% probability Every 5 to 10 years
Very Low	Occurrence conceivable in extreme circumstances <ul style="list-style-type: none"> < 5% probability > 20 years

Impacts / Severity Rating

This refers to the significance of the effect that the identified risks may have on activities should SANRAL's management not adequately and effectively control these. The assessment of impact is made without considering management's control strategies, as the purpose is to determine the effect of a particular risk on SANRAL's objectives.

RATING	HEALTH & SAFETY	REPUTATIONAL	ENVIRONMENTAL	STAKEHOLDER INTEREST	COST
Very High	>50 fatalities or equivalent on roads	Prolonged international condemnation	Permanent widespread ecological damage	Inability to resume operational and business activities within two years	>R1.2 billion
High	10 to 50 fatalities	Adverse international attention	Heavy ecological damage, costly restoration	>50% operational and business failure	R500m to R1.2 billion
Moderate	2 to 10 fatalities	National media coverage	Irreparable damage to natural resources / Major but recoverable ecological damage	Serious operational and business downtime, loss of production > 6 months	R300m to R500m
Low	Single fatality Serious irreversible health effect	Attention from local media and non-governmental organisations	Limited but medium-term negative effects	Moderate damage, business incident < 1 per month	R10m to R300m

FIGURE 62: PROJECT RISK SEARCH

Figure 117: You can now search for your projects by typing your name, project number, project descriptors etc, in the search field and the list will be dynamically adjusted as you type. **Please note you will only be able to update risks on projects - if you are the Project Manager or Stand-in Manager in SAP.** If you need access to a project, then SAP first needs to be updated – please note that synching between SAP and ITIS only occurs at midnight, thus SAP changes will only reflect the next day in ITIS.

NOTE: WHEN ATTEMPTING TO OPEN A PROJECT FOR WHICH YOU ARE NOT THE PROJECT/STAND-IN MANAGER YOU WILL EITHER SEE THE MESSAGE “NO RISKS HAVE BEEN CAPTURED FOR THIS PROJECT”, OR A VIEW ONLY PAGE OF THE RISK MATRIX.

Project Risk - MONRM: RRM Piet Retief R33, N2 (X.002-018-2015/1)

Identification Stage

Version	Risk No.	Status	Risk Description	Effect Select effects	Consequence	Cause Select possible cause elements	Probability/Likelihood Select	Impact/Severity Select	Risk Matrix and Level of Report
Version: 1 Created: 2015/07/09 Madoda,Mthembu	11	Dormant	Inadequate Resource Planning	No Effects have been selected	Cost	No Causes have been selected	No Causes have been selected	No Causes have been selected	VH H M L VL I
Version: 1 Created: 2015/07/09 Madoda,Mthembu	12	Dormant	Inadequate Source Data (BMS, PMS, Traffic, Survey, Accident, etc)	No Effects have been selected	Cost	No Causes have been selected	No Causes have been selected	No Causes have been selected	VH H M L VL I
Version: 1 Created: 2015/07/09	13	Dormant	Data Validation not carried out	No Effects have been selected	Cost	No Causes have been selected	No Causes have been selected	No Causes have been selected	VH H M L VL I

DB Connection : ORACLEDEVUTSDEV

FIGURE 63: PROJECT RISK STAGES

Figure 118: If you select a project for which you are the Project or Stand-in Manager, then the Project Risk form will open showing the various project stages: Identification, Design, Construction and Closing.

1.35.1. Capturing of Project Risks in ITIS Project Risk Module

All project risks (threats and opportunities) must be identified. It is expected that the risk ratings given will be based on professional judgement and by consensus (to remove aberrant results). The project risk must be one that ultimately affects SANRAL – in terms of both tangible and intangible exposure. To guide the Project Manager and ensure consistency across all projects in SANRAL, all known project risks have been identified and incorporated into the ITIS Project Risk Module as predefined look-up lists. If the Project Manager is of the opinion that additional items are required on any predefined look-up list, then please e-mail itisissues@nra.co.za with your request.

To capture risk in the ITIS Project Risk module you will need to capture the relevant info on the different tabs namely **Identification Stage, Design Stage, Construction Stage, Closing Stage & Mark as Not Changed**

The screenshot shows the ITIS Project Risk Module interface. The top navigation bar includes tabs for Overview, Identification Stage (selected), Design Stage, Construction Stage, Closing Stage, and Mark As Not Changed. The main content area displays a table for Risk Identification. The table has columns for Version, Risk No., Status, Risk Description, Effect (with a sub-link 'Select effects'), Consequence, Cause (with a sub-link 'Select possible cause elements'), and Qualitative Risk Assessment (with a sub-link 'Probability/Likelihood Select'). A single risk entry is shown with Status 'Dormant' and Risk Description 'Inadequate Resource Planning'.

Version	Risk No.	Status	Risk Description	Effect Select effects	Consequence	Cause Select possible cause elements	Qualitative Risk Assessment Probability/Likelihood Select
Version: 1 Created: 2015/07/09 Madoda Mthembu	11	Dormant	Inadequate Resource Planning	No Effects have been selected	Cost	No Causes have been selected	No Causes have been selected

- 1) **Step 1:** Click on the relevant project stage Identification/Design/Construction/Closing tab at top
- 2) **Step 2:** Review available risks under the project stage, by looking at risk description column. Should the risk exist on a project then the Project Manager must indicate this by changing the Status column of the risk from “Dormant” to “Active”. The following risk statuses are available:
 - a. **Dormant** - The risk has NOT emerged. This is also the default status of all risks in the ITIS Project Risk Module;
 - b. **Active** - The risk has emerged on the project and its full extent needs to be defined by completing all the relevant risk fields;
 - c. **Closed** – A risk previously identified as “Active” is no longer a risk to the project i.e. work has progressed beyond the point where the risk could have occurred, or if occurred was successfully mitigated. Risks that have remained “Dormant” during the project do not need to be “Closed”.
 - I. Click on the Status Column
 - II. The following screen will appear

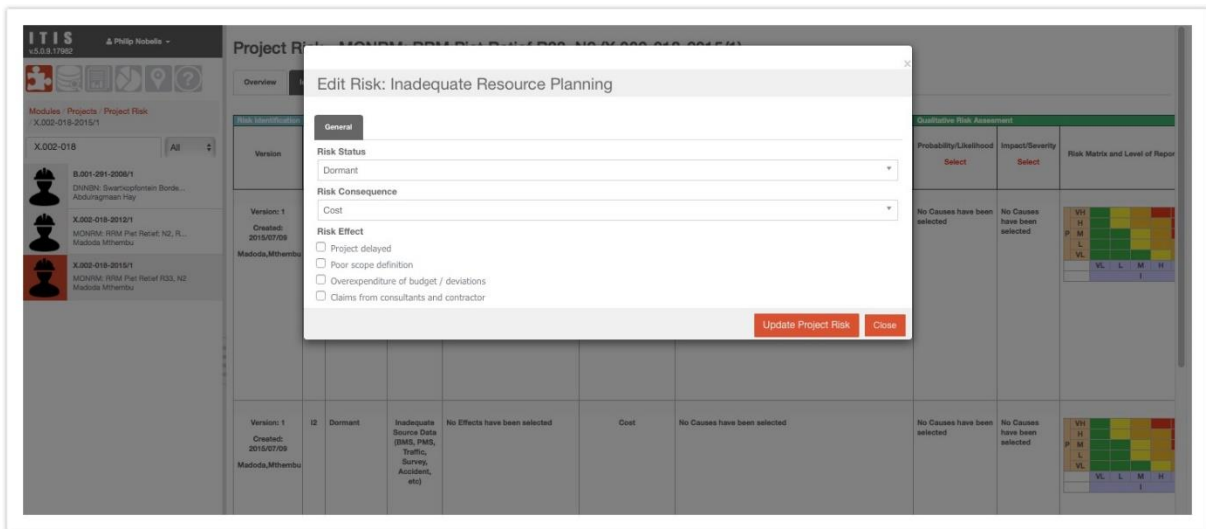


FIGURE 64: CAPTURE RISK

- iv. Select the Risk Status by clicking on the dropdown box
- v. Select the Risk Consequence
- vi. Select the relevant Risk Effect

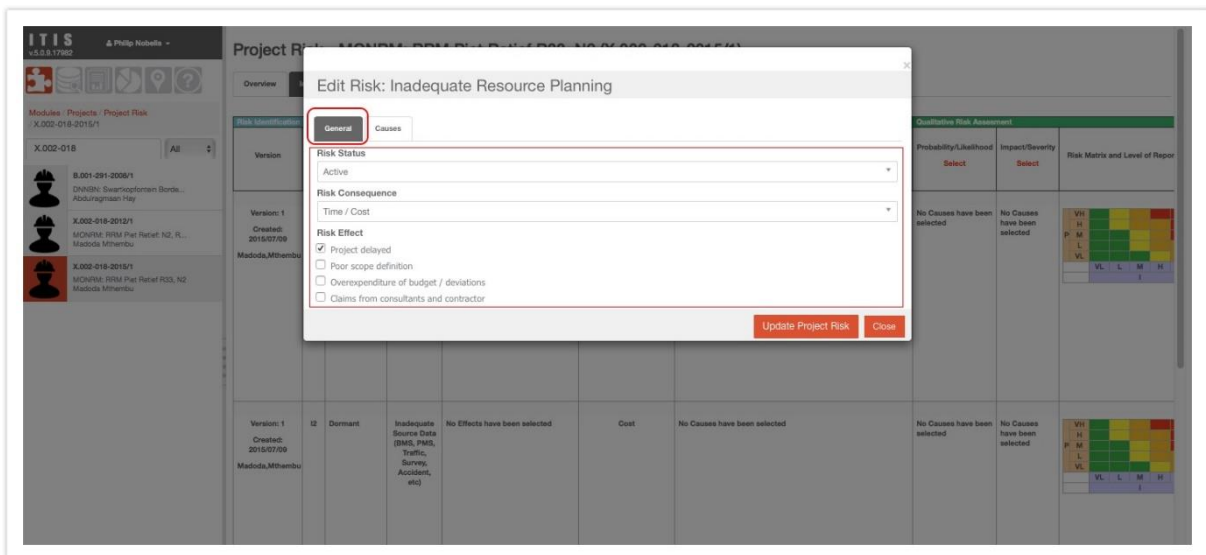


FIGURE 65: RISK DETAILS CAPTURED

Info: Please note there are 2 tabs when changing the status: General & Causes. Make sure you are on the correct tab

- 3) **Step 3:** Move to then next column, namely Causes, etc and complete the relevant info
 - I. Click on the Cause Column
 - II. The following screen will appear

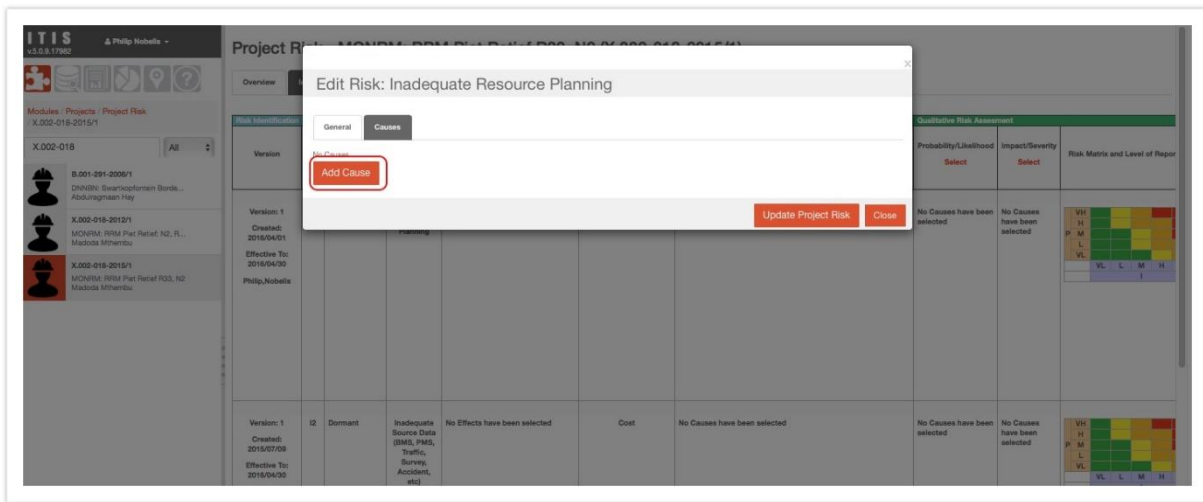


FIGURE 66: PROJECT RISK – CAUSE

- iv. Click on Add Cause
- v. Select the Cause Type from the dropdown

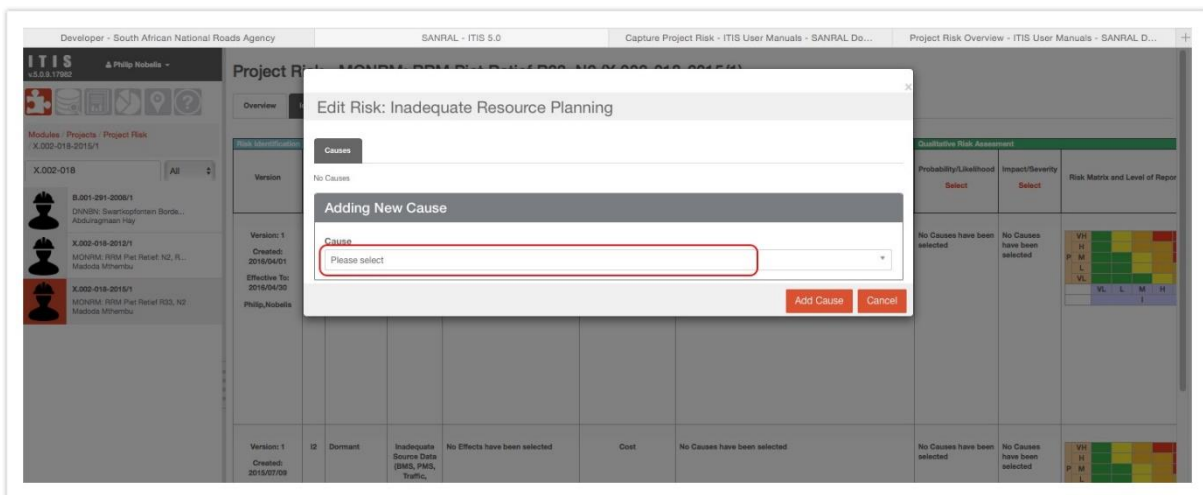


FIGURE 67: SELECT CAUSE

Once the cause type is selected you will be required to add additional info as seen below:

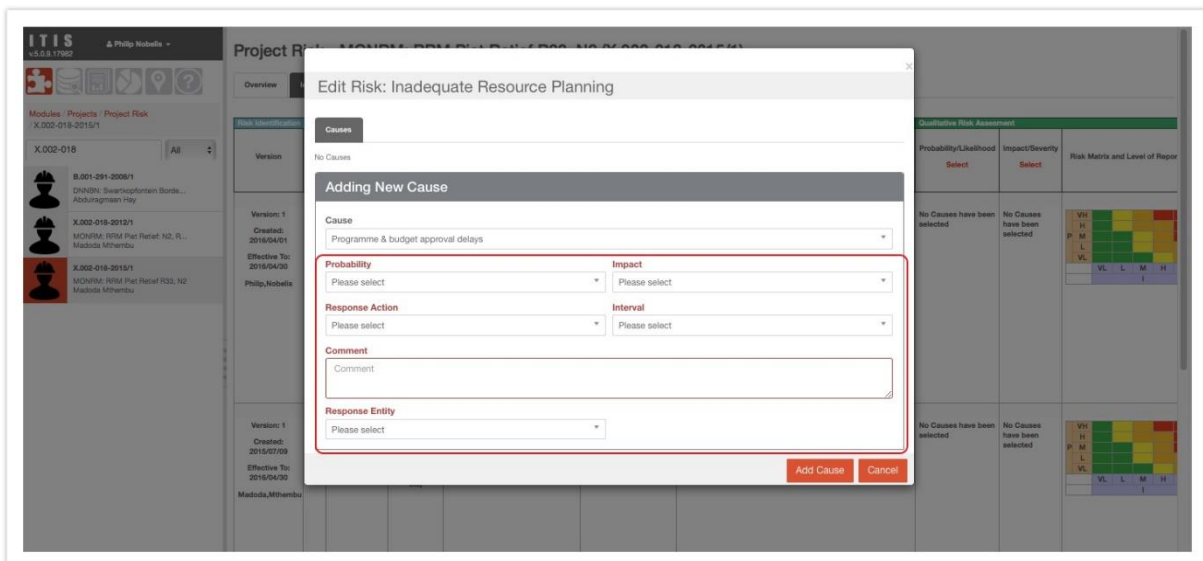


FIGURE 68: CAUSE: ADDITIONAL INFO

Complete the required fields and click on **Add Cause**

FIGURE 69: CAUSE INFO COMPLETE

Click on **Update Project Risk**

FIGURE 70: UPDATE

See the changes displayed

Please see below descriptions for assistance:

- Effect – the result of risk event on SANRAL;
- Consequences - impact of a risk event on Time / Cost / Quality / Safety;
- Cause - the source of the risk event;
- Probability/Likelihood - This refers to the probability/likelihood of a risk occurring within an activity. The probability/likelihood assessment of a risk is made by considering current controls and using the rating scale below.

Probability / Likelihood Rating	
This refers to the probability/likelihood of a risk occurring within an activity. The probability/likelihood assessment of a risk is made by considering current controls.	
RATING	PROBABILITY/LIKELIHOOD
Very High	Definite occurrence <ul style="list-style-type: none"> 90% probability Every Week or Month
High	Highly likely occurrence <ul style="list-style-type: none"> 50 to 90% probability Every 3 to 6 months
Moderate	More likely occurrence <ul style="list-style-type: none"> 20 to 50% probability Every 1 to 2 years
Low	Unlikely occurrence <ul style="list-style-type: none"> 5 to 20% probability Every 5 to 10 years
Very Low	Occurrence conceivable in extreme circumstances <ul style="list-style-type: none"> < 5% probability >20 years

FIGURE 71: PROBABILITY / LIKELIHOOD

- e. Impact/Severity - This refers to the significance of the effect that the identified risks may have on activities should SANRAL's management not adequately and effectively control them. The assessment of impact is made without considering management control strategies, as the purpose is to determine the effect of a particular risk on SANRAL's objectives.

Impact / Severity Rating					
This refers to the significance of the effect that the identified risks may have on activities should SANRAL's management not adequately and effectively control these. The assessment of impact is made without considering management's control strategies, as the purpose is to determine the effect of a particular risk on SANRAL's objectives.					
RATING	HEALTH & SAFETY	REPUTATIONAL	ENVIRONMENTAL	STAKEHOLDER INTEREST	COST
Very High	>50 fatalities or equivalent on roads	Prolonged international condemnation	Permanent widespread ecological damage	Inability to resume operational and business activities within two years	>R1.2 billion
High	10 to 50 fatalities	Adverse international attention	Heavy ecological damage, costly restoration	>50% operational and business failure	R500m to R1.2 billion
Moderate	2 to 10 fatalities	National media coverage	Irreparable damage to natural resources / Major but recoverable ecological damage	Serious operational and business downtime, loss of production > 6 months	R300m to R500m
Low	Single fatality Serious irreversible health effect	Attention from local media and non-governmental organisations	Limited but medium-term negative effects	Moderate damage, business incident < 1 per month	R10m to R300m
Very Low	Reportable injury	Minor local media event	Short-term damage	Limited damage to assets or production interruption	< R10m

FIGURE 72: IMPACT / SEVERITY

- f. Risk Matrix and Level of Reporting – This is automatically populated based on Probability and Impact rating.
- g. Response Strategy - This is automatically populated based on Probability and Impact rating.
- h. Response Actions/Treatment/Mitigation - Active strategy targeted at reducing the consequences of risk.
- i. Response Entity/Owner – Indicate the person from the look-up list that is in the best position to address the risk.
- j. Interval or Milestone Check – Indicate the frequency at which risk progress should be checked. For most risks the default is monthly.
- k. Comments – PM can add any additional comments.

1.35.2. Mark Risk as Not Changed

To confirm that the monthly review of projects risk was performed, and that no risk changes occurred, the PM can use the "Mark Risk As Not Changed" option.

This function is used to confirm if there are no changes required for the month on the risks

Project Risk - MONRM: RRM Piet Retief: N2, R33 (X.002-018-2012/1)

Overview Identification Stage Design Stage Construction Stage Closing Stage **Mark As Not Changed**

Instructions

- Search for a project by entering either the project code, project short description, the SAP number or the project manager name.
- Select the project by clicking on the search result.
- Select the project stage by clicking on the corresponding tab.
- To edit a risk property move your mouse over it. If it is editable an edit icon will be displayed. Either click on the icon or click on the property to go into edit mode. Now make the changes. Click on the save icon to update the property. If you would like to cancel your changes click on either the cancel icon or the property again.

Version History

Version 1.0

- Permission based
- Search
- Project Risk Versioning
- Risk Matrix
- Basic Functionality

Probability / Likelihood Rating

This refers to the probability/likelihood of a risk occurring within an activity. The probability/likelihood assessment of a risk is made by considering current controls.

RATINGS	PROBABILITY/LIKELIHOOD
Very High	<ul style="list-style-type: none"> Definite occurrence 90% probability Every Week or Month
High	<ul style="list-style-type: none"> Highly likely occurrence 50 to 90% probability Every 3 to 6 months
Moderate	<ul style="list-style-type: none"> More likely occurrence 20 to 50% probability Every 1 to 2 years
Low	<ul style="list-style-type: none"> Unlikely occurrence 5 to 20% probability Every 5 to 10 years
Very Low	<ul style="list-style-type: none"> Occurrence conceivable in extreme circumstances < 5% probability >20 years

Impacts / Severity Rating

This refers to the significance of the effect that the identified risks may have on activities should SANRAL's management not adequately and effectively control these. The assessment of impact is made without considering management's control strategies, as the purpose is to determine the effect of a particular risk on SANRAL's objectives.

RATING	HEALTH & SAFETY	REPUTATIONAL	ENVIRONMENTAL	STAKEHOLDER INTEREST	COST
Very High	>50 fatalities or equivalent on roads	Prolonged international condemnation	Permanent widespread ecological damage	Inability to resume operational and business activities within two years	>R1.2 billion
High	10 to 50 fatalities.	Adverse international attention	Heavy ecological damage, costly restoration	>50% operational and business failure	R500m to R1.2 billion
Moderate	2 to 10 fatalities	National media coverage	Irreparable damage to natural resources / Major but	Serious operational and business downtime, loss	R100m to R500m

FIGURE 73: MARK AS NOT CHANGED

- Click on the **Mark as Not Changed** tab
- Add a reason

Project Risk - MONRM: RRM Piet Retief: N2, R33 (X.002-018-2012/1)

Overview Identification Stage Design Stage Construction Stage Closing Stage **Mark As Not Changed**

Mark risks as not changed

Reason
review

Apply reason Close

Instructions

- Search for a project by entering either the project code, project short description, the SAP number or the project manager name.
- Select the project by clicking on the search result.
- Select the project stage by clicking on the corresponding tab.
- To edit a risk property move your mouse over it. If it is editable an edit icon will be displayed. Either click on the icon or click on the property to go into edit mode. Now make the changes. Click on the save icon to update the property. If you would like to cancel your changes click on either the cancel icon or the property again.

Version History

Version 1.0

- Permission based
- Search
- Project Risk Versioning
- Risk Matrix
- Basic Functionality

Probability / Likelihood Rating

This refers to the probability/likelihood of a risk occurring within an activity. The probability/likelihood assessment of a risk is made by considering current controls.

RATINGS	PROBABILITY/LIKELIHOOD
Very High	<ul style="list-style-type: none"> Definite occurrence 90% probability Every Week or Month
High	<ul style="list-style-type: none"> Highly likely occurrence 50 to 90% probability Every 3 to 6 months
Moderate	<ul style="list-style-type: none"> More likely occurrence 20 to 50% probability Every 1 to 2 years
Low	<ul style="list-style-type: none"> Unlikely occurrence 5 to 20% probability Every 5 to 10 years
Very Low	<ul style="list-style-type: none"> Occurrence conceivable in extreme circumstances < 5% probability >20 years

Impacts / Severity Rating

This refers to the significance of the effect that the identified risks may have on activities should SANRAL's management not adequately and effectively control these. The assessment of impact is made without considering management's control strategies, as the purpose is to determine the effect of a particular risk on SANRAL's objectives.

RATING	HEALTH & SAFETY	REPUTATIONAL	ENVIRONMENTAL	STAKEHOLDER INTEREST	COST
Very High	>50 fatalities or equivalent on roads	Prolonged international condemnation	Permanent widespread ecological damage	Inability to resume operational and business activities within two years	>R1.2 billion
High	10 to 50 fatalities.	Adverse international attention	Heavy ecological damage, costly restoration	>50% operational and business failure	R500m to R1.2 billion
Moderate	2 to 10 fatalities	National media coverage	Irreparable damage to natural resources / Major but	Serious operational and business downtime, loss	R100m to R500m

FIGURE 74: ADD REASON

- Click on **Apply Reason**

ITIS

v.5.0.3.17982

& Philip Nohleke

Modules / Projects / Project Risk

X.002-018-2012/1

X.002-018

All

X.002-018-2012/1

MONRM: RRM Piet Retief: N2, R...

Madoda Mthembu

X.002-018-2012/1-SPRJ-2

Earthworks

X.002-018-2012/1-SPRJ-4

General Maintenance

X.002-018-2012/1-SPRJ-3

Vegetation Maintenance

X.002-018-2012/1-SPRJ-5

Vegetation Maintenance

X.002-018-2012/1-SPRJ-1

Pavement Maintenance

Project Risk - MONRM: RRM Piet Retief: N2, R33 (X.002-018-2012/1)

Overview

Identification Stage

Design Stage

Construction Stage

Closing Stage

Mark As Not Changed

Risk Identification

Version	Risk No.	Status	Risk Description	Effect Select effects	Consequence	Cause Select possible cause elements	Probability/Likelihood Select	Impact/Severity Select	Risk Matrix and Level of Repor																																			
Version: 1 Created: 2014/07/28 Effective To: 2015/04/23 Marked Not Changed Madoda, Mthembu	11	Dormant	Inadequate Resource Planning	No Effects have been selected	Cost	No Causes have been selected	No Causes have been selected	No Causes have been selected	<table><tr><td>VH</td><td></td><td></td><td></td><td></td></tr><tr><td>H</td><td></td><td></td><td></td><td></td></tr><tr><td>M</td><td></td><td></td><td></td><td></td></tr><tr><td>L</td><td></td><td></td><td></td><td></td></tr><tr><td>VL</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>VL</td><td>L</td><td>M</td><td>H</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>	VH					H					M					L					VL						VL	L	M	H					
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H																																												
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L																																												
VL																																												
	VL	L	M	H																																								
Version: 1 Created: 2014/07/28 Effective To: 2015/04/23 Marked Not Changed Madoda, Mthembu	12	Dormant	Inadequate Source Data (BMS, Plans, Traffic, Survey, Accident, etc)	No Effects have been selected	Cost	No Causes have been selected	No Causes have been selected	No Causes have been selected	<table><tr><td>VH</td><td></td><td></td><td></td><td></td></tr><tr><td>H</td><td></td><td></td><td></td><td></td></tr><tr><td>M</td><td></td><td></td><td></td><td></td></tr><tr><td>L</td><td></td><td></td><td></td><td></td></tr><tr><td>VL</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>VL</td><td>L</td><td>M</td><td>H</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>	VH					H					M					L					VL						VL	L	M	H					
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H																																												
M																																												
L																																												
VL																																												
	VL	L	M	H																																								

FIGURE 75: RISK UPDATED

The change will be displayed in the version column as seen below

1.35.3. Project Risk Reports

Various reports will be made available overtime under the ITIS Project Risk Module as data related issues are resolved. These reports will be either classified as reports or dashboards.

These reports are accessible under Modules > Reports > Project > Summaries

Reports: Project																	
Project Info	Summaries																
<table border="1"> <thead> <tr> <th>Report name</th> <th>Options</th> </tr> </thead> <tbody> <tr> <td>Project Info Annual Report</td> <td></td> </tr> <tr> <td>Project Info Detail - All</td> <td></td> </tr> <tr> <td>Project Info Detail - Project</td> <td></td> </tr> <tr> <td>Project Info Summary - All</td> <td></td> </tr> <tr> <td>Project Info Summary - Project</td> <td></td> </tr> <tr> <td>Project Risk Capture Report</td> <td></td> </tr> <tr> <td>Project Vendors</td> <td></td> </tr> </tbody> </table>		Report name	Options	Project Info Annual Report		Project Info Detail - All		Project Info Detail - Project		Project Info Summary - All		Project Info Summary - Project		Project Risk Capture Report		Project Vendors	
Report name	Options																
Project Info Annual Report																	
Project Info Detail - All																	
Project Info Detail - Project																	
Project Info Summary - All																	
Project Info Summary - Project																	
Project Risk Capture Report																	
Project Vendors																	

FIGURE 76: PROJECT RISK REPORT


<div>  <div> Physical Address: 48 Tamboke Avenue, Val de Grace Pretoria P.O. Box 415, Pretoria, 0001 Tel: +27(0)12 844 8200 Fax: +27(0)12 844 8200 Reg No: 1996/00594/20 </div> </div> <div> Project Risk Capture Report Summary of information captured up to Friday, April 15, 2016 </div>												
Region	Project No	Description	Project Manager	Start Date	End Date	SAP End Date	Highest Single Risk Value	Cause	Project Risk Sum	Last Risk Update	Effective to Date	
ER	C.004-003-2011/1	DNURS: N3 eThekweni Mun. Sidew. & NMT In	Ishaan Ramkloven	2011-04-01	2016-03-31	2018-03-29	6	Inadequate structural requirements	11	2016-04-12	2016-04-30	
	C.004-003-2011/9	DNURS: Ethekeini Pedestrian Facilities	Ishaan Ramkloven	2013-01-21	2021-03-26	2021-03-26						
	C.004-004-2013/1	DNBN: Ugu Intervention: uMkomazi Bridge	Mondli Mgothozi	2011-06-01	2016-12-23	2016-03-30	0		0	2016-04-12		
	C.004-010-2015/1	DNURS: N2 uMkomazi - Illovu Ped. Facili	Salome Naicker	2013-03-04	2017-03-01	2018-12-24	4	Programme & budget approval delays	20	2016-02-02	2016-02-29	
	C.004-011-2014/1	DNURS: R22 Mangazi access and Ped Facili	Ridhwaan Mahomed	2013-03-01	2017-04-01	2018-03-29	32	Financial constraints (unrealistic tender prices)	98	2015-12-08	2015-12-31	
	C.004-011-2014/9	DNURS: R22 Mangazi access and Ped Facili	Ridhwaan Mahomed	2014-02-21	2017-01-20	2020-01-20						
	C.004-011-2015/1	DNURS: R22/S Pedestrian Facilities	Ridhwaan Mahomed	2014-02-21	2016-11-30	2020-05-27	32	Inadequate supply of materials	66	2015-11-30	2015-11-30	
	C.004-012-2015/1	DNURS: N6 Rouxville - Smithfield Ped.Fac	Jason Lowe	2015-04-02	2020-02-03	2020-02-03	10	Land acquisition / expropriation not finalised	10	2016-03-10	2016-03-31	
	C.004-014-2013/1	DNURS: Ugu intervention : Umuziwaban	Dumitani Nkabinde	2013-08-01	2016-07-31	2016-08-05	4	Poor and delayed as-built reports	14	2015-12-07	2015-12-31	
	C.004-018-2013/1	DNURS: Thabong ped safety measures	Mohamed Parak	2012-10-01	2014-01-31	2020-01-30	6	Inadequate project information	0	2015-04-14	2015-09-30	
	C.004-018-2013/9	DNURS: Thabong Ped Facilities	Mohamed Parak	2013-02-04	2018-11-30	2020-03-31	8	Design errors	12	2015-09-28	2016-02-29	
	C.004-019-2014/1	DNURS: Ugu intervention (3km Extens)	Gertrude Soko	2014-04-01	2015-12-31	2018-12-24	1	Information-supply delays affect programme eg survey, traffic	2	2014-08-19	2014-08-31	
	C.004-019-2014/9	DNURS: UGU sidewalks extension	Gavin Harrison	2014-04-01	2015-12-31	2018-03-28	12	Delayed decision making	12	2016-04-12	2016-04-30	
	C.004-020-2015/1	DNURS: Paul Roux F/S (Ped. Safety)	Ishaan Ramkloven	2014-03-03	2016-07-29	2016-07-14	1	Lack of project management resources	0	2014-07-29	2014-07-31	
	C.004-021-2017/1	DNURS: N2 Mtunzini Ped Facilities	CORNE ROUX	2015-09-01	2019-03-01	2020-03-02						
	C.004-022-2017/1	DNURS: Balito Ped Facilities	Gugu Mthembu	2015-12-01	2017-03-01	2019-09-27	32	Accident data incomplete	32	2015-03-30	2015-03-31	
	C.004-024-2017/1	MOTOC: N1 Ventersburg/Windburg Truckstops	Gavin Harrison	2015-07-01	2019-11-30	2024-03-28	0		0	2016-04-12		
	C.004-025-2016/1	DNURS: Maseru border NMT	Rajesh Dookie	2016-04-01	2018-03-31	2020-05-08	0		0	2016-02-02	2016-02-29	

FIGURE 77: PROJECT RISK REPORT – VIEW


➤ Project Risk Capture Report

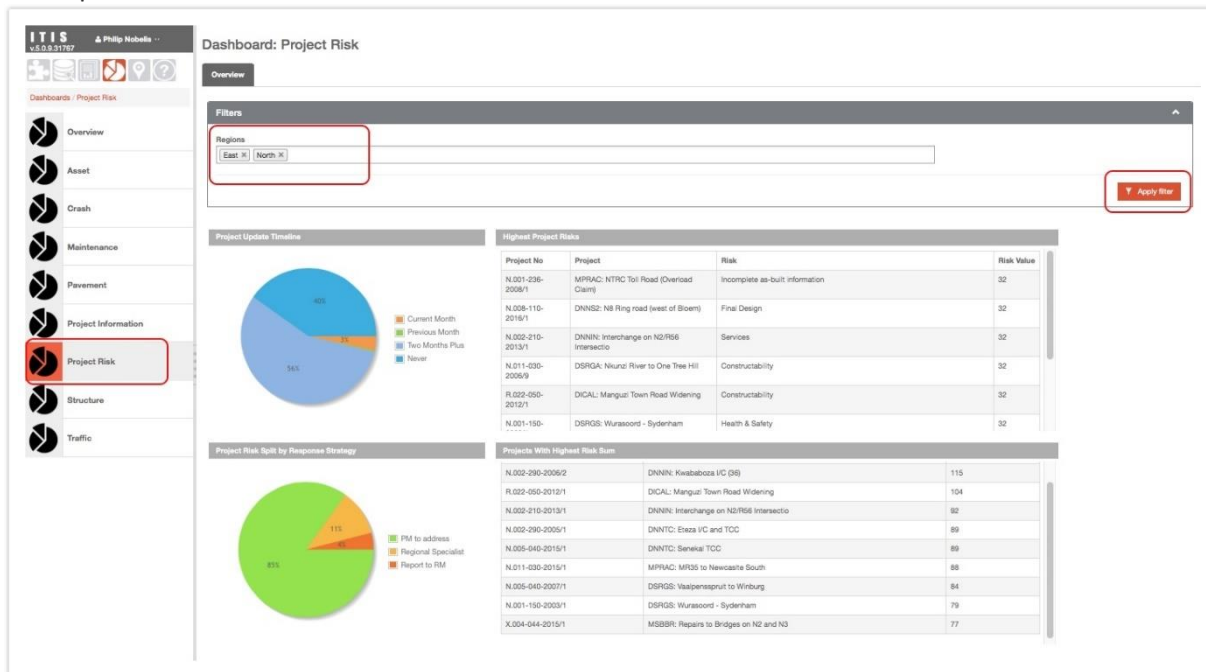
The project risk capture report indicates:

1. Start/End Date – These are the dates supplied for the ITIS Project Information module by the PM.
2. SAP End Date – This is the end date from SAP W “Contractor Payments”.
 - a. Projects with no dates are shown as blank – for these the PM or Stand in PM needs to login to SAP and correct dates and re-schedule. Please note that your SAP project end date needs to be set to the end of the maintenance period, typically 12 months.
 - b. For projects that are complete, but still appear on the list due to a SAP END date set way into the future, PM or Stand-in PM needs to login to SAP and correct dates on Consultant Design Payments and Contractor Payments and re- schedule. This will result in project not appearing in Project Risk Report.
3. Highest Single Risk column, indicates the risk score for the highest risk identified as active and rated by the PM on the project.
4. Project Risk Sum column, indicates the sum of all the risks identified as active and rated by the PM on the project.
5. The Risks Captured column, shows how many risks out of a potential 27 are active on the project, and how many of these were rated in ITIS by the PM. For example, 2 of 3 implies that 3 risks (out of potential 27) are identified as active on the project by the PM, and of these 2 have been rated by the PM. If correctly completed one should always see 3 of 3, 7 of 7, 11 of 11, etc. A rating of 0 of 0 indicates no active risks exist on a project according to PM.
6. Please note that if your name appears against a project as PM, you or the Stand-in manager need to login to SAP and correct the PM assignment at Project Level (1st line) and 1st Level WBS (2nd line) in other words (2 places) for the project to disappear against your name.
7. Projects with empty spaces everywhere indicate no capture work has been done in the ITIS Risk Module.

1.35.4. Project Risk Dashboard

To access Project Risk Dashboards:

1. To select the Project Risk Dashboard, please select the Dashboard Button  as indicated under *ITIS* heading, then select *Project Risk*.
2. Risks can be filtered per region for now by deactivating regions and refreshing data.
3. Please note that the Dashboard section will be continuously updated/enhanced as data is being captured



1.36. Project Security

Use this Sub Module to assign and manage security

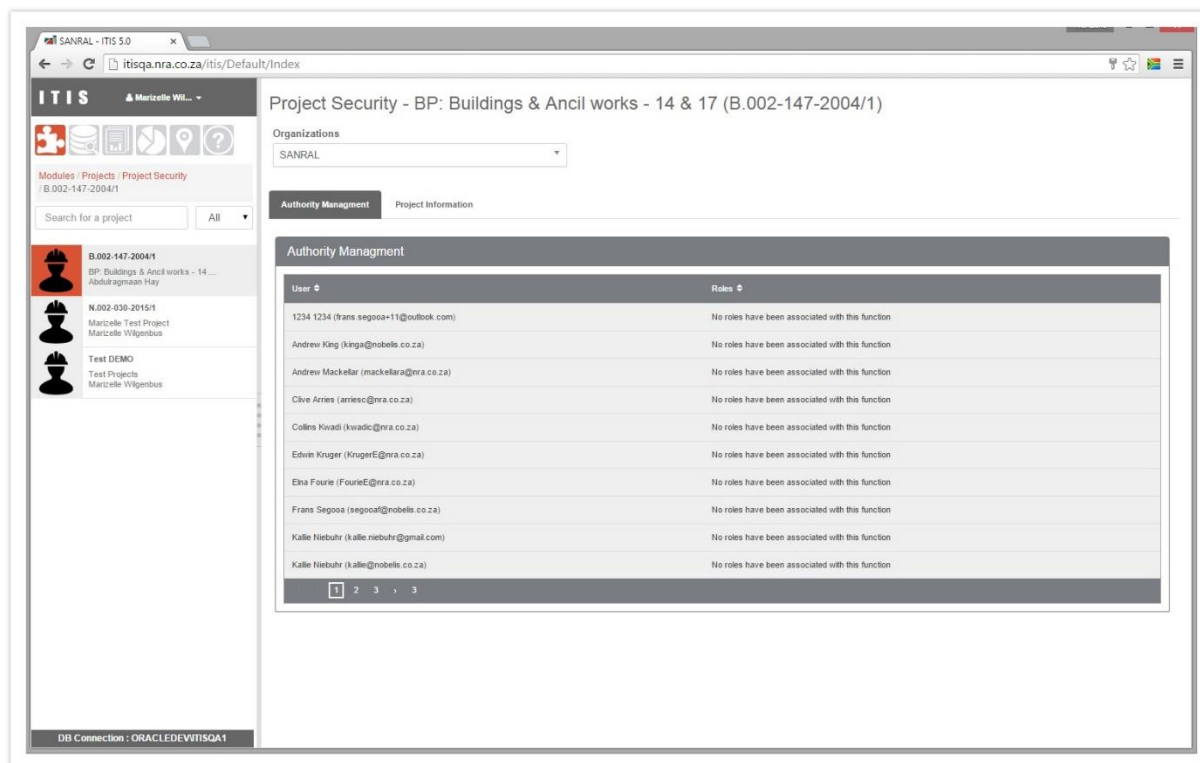


FIGURE 78: PROJECT SECURITY

- i. Click on Modules
- ii. Click on Security
- iii. Search  and click on your project

- iv. Once clicked you will see the above screenshot which is dependent on the project function e.g Authority Management

Toll

Use this module to manage Toll.

To open the Toll Module:

- I. In the Main navigation menu click on Modules (Figure 2: No 1 Main Menu)
- II. In the Sub navigation menu click on Toll (Figure 2: No 2 Sub Menu)

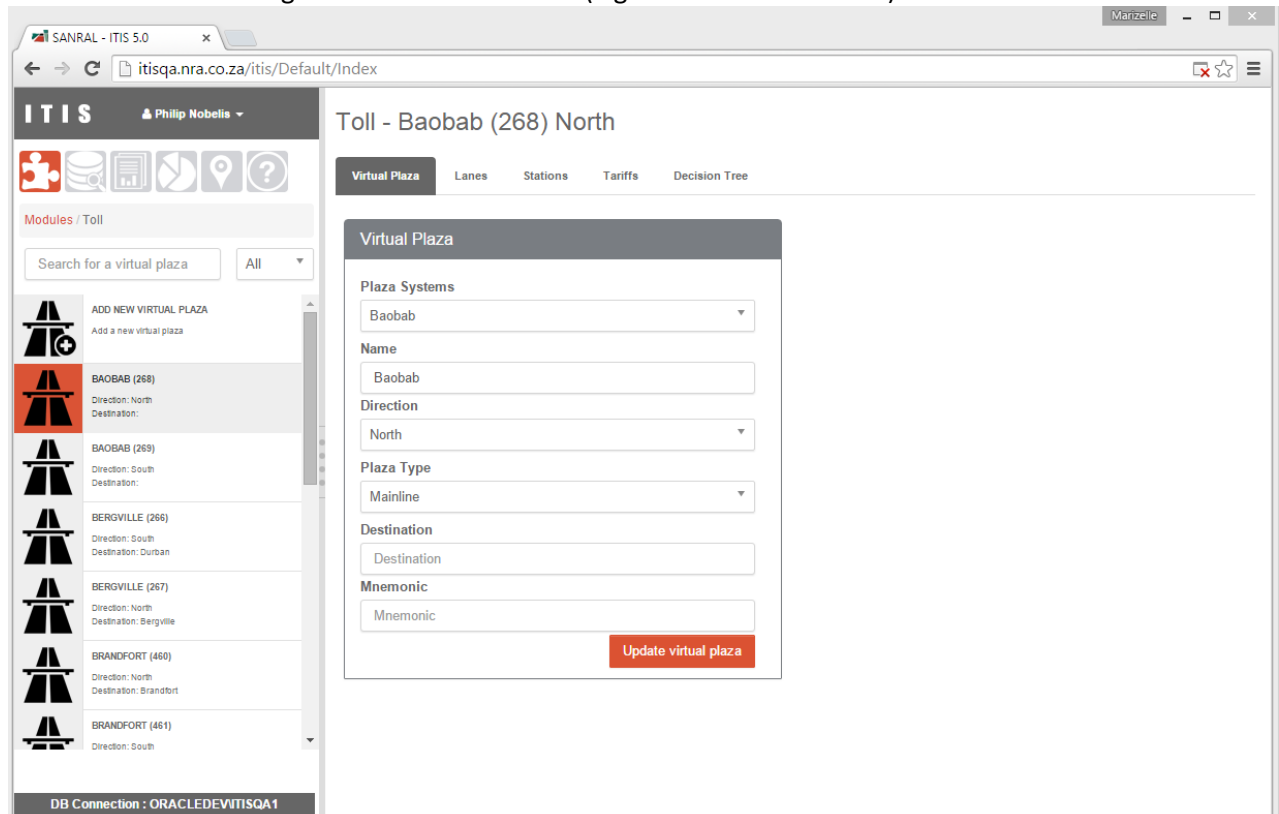


FIGURE 79: TOLL MODULE

In the Plaza tree you will see two different icons:



Add new Virtual Plaza

Existing Plaza

- Add a new Plaza

Click on the Add Button .

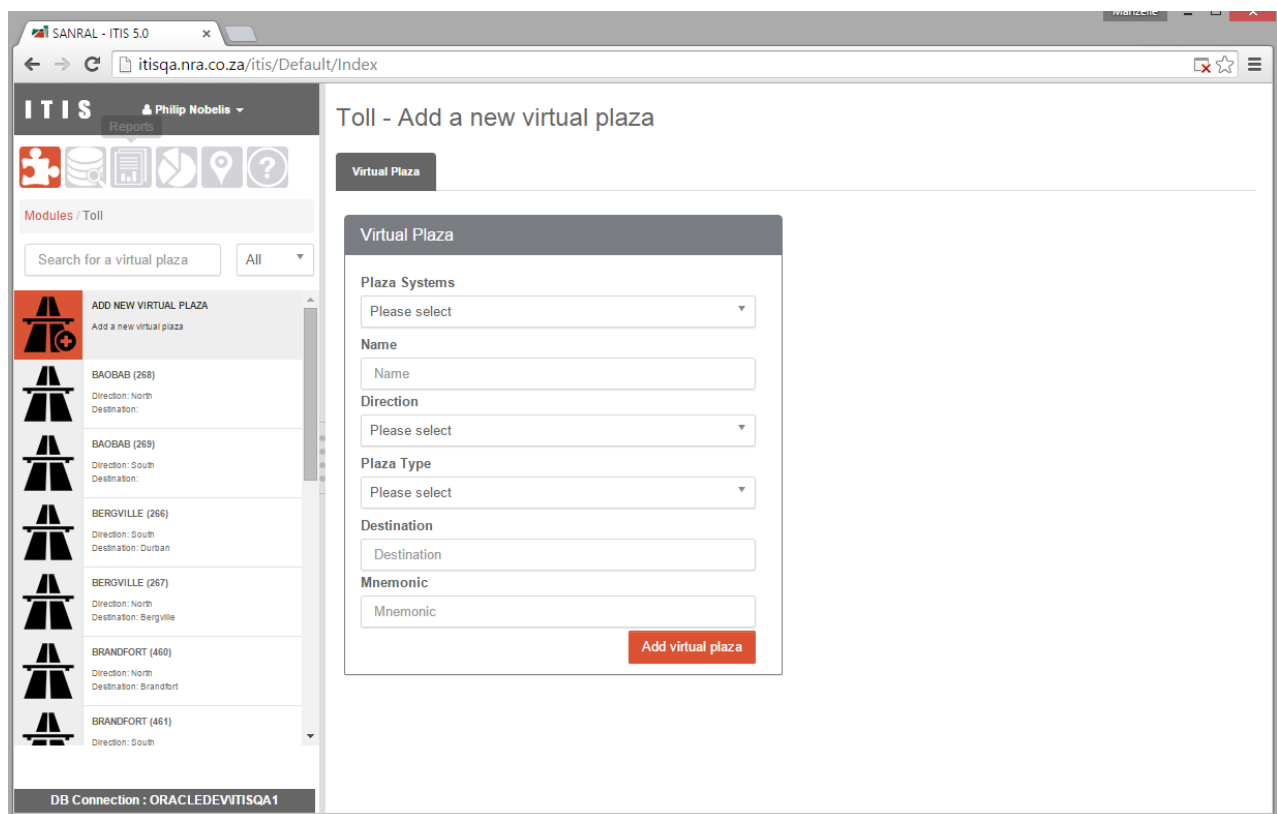


FIGURE 80: ADD NEW VIRTUAL PLAZA

- Select the Plaza system
- Add the name
- Select the Direction
- Select the Plaza Type
- Add the destination
- Add mnemonic
- Save

Once the plaza has been saved 4 additional tabs will become available and you can enter additional information:

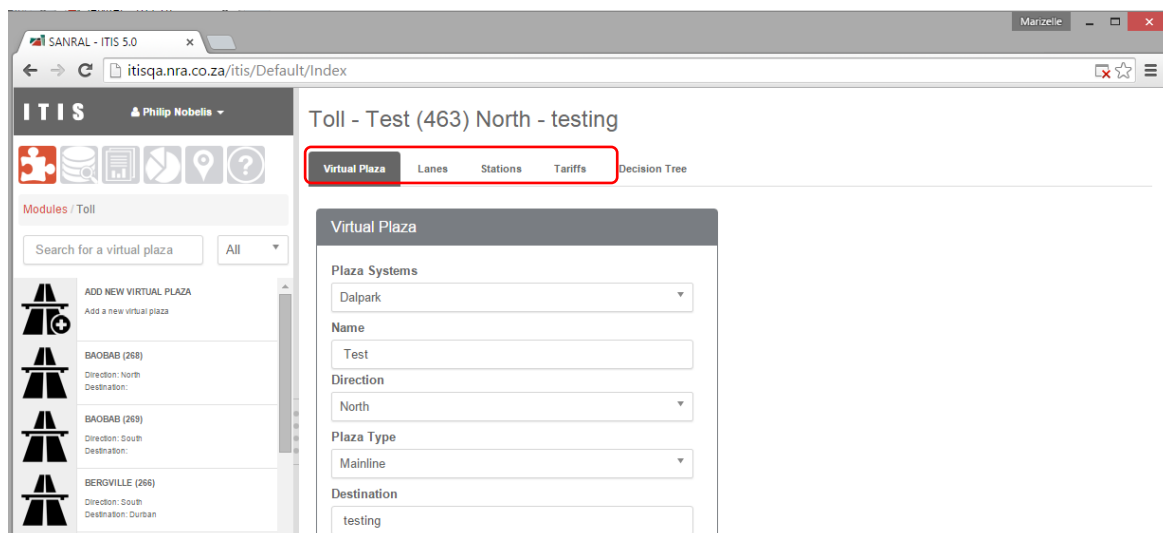


FIGURE 81: NEW VIRTUAL PLAZA - ADDITIONAL TABS

➤ Edit a Plaza

- Search for a Virtual Plaza
- Click on the relevant Plaza
- Select the relevant tab
- Add or update the information and click on the Update button

Search for a virtual plaza

Update virtual plaza

Traffic

Use this module to manage Traffic.

To open the Traffic Module:

- I. In the Main navigation menu click on Modules (Figure 2: No 1 Main Menu)
- II. In the Sub navigation menu click on Traffic (Figure 2: No 2 Sub Menu)

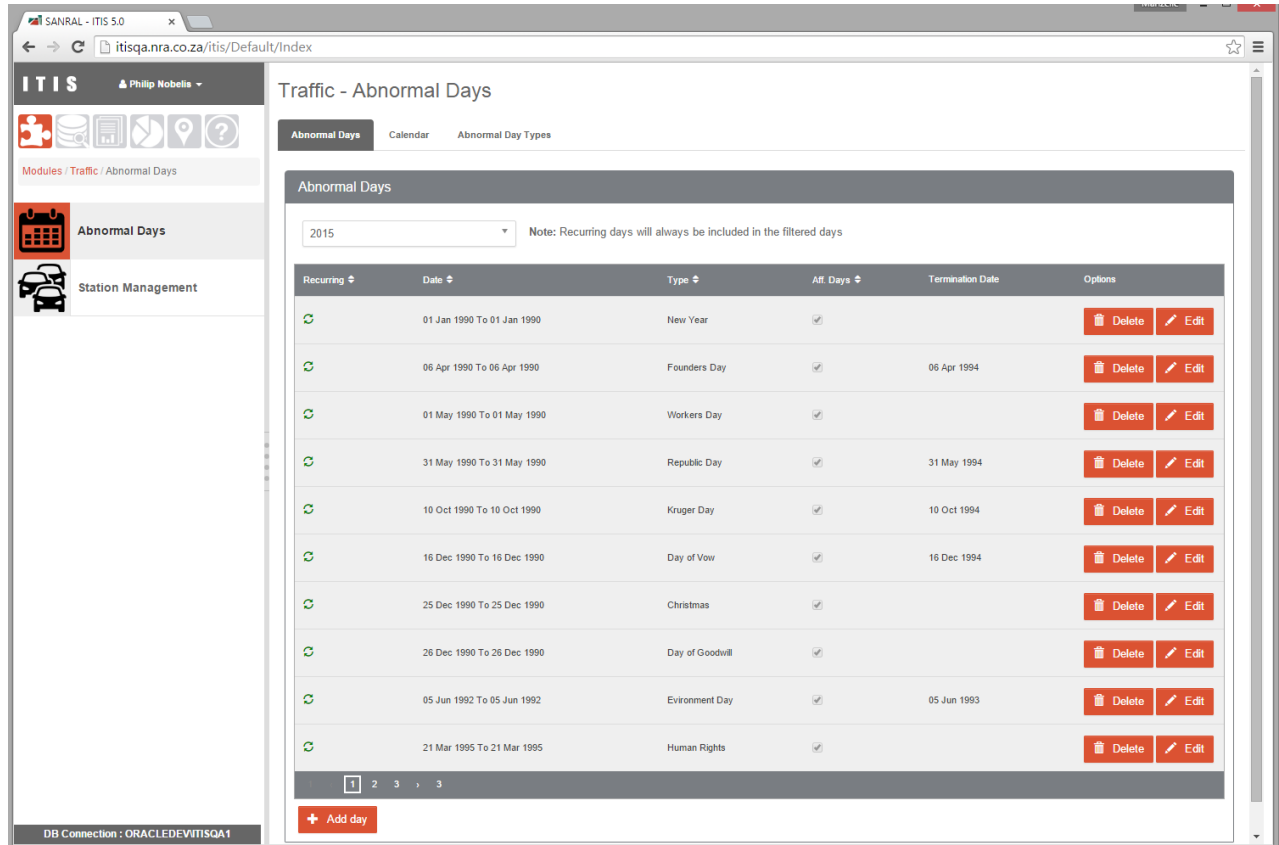


FIGURE 82: TRAFFIC MODULE

1.37. Abnormal Days

Use Abnormal Days for annual traffic monitor calculations / traffic statistic calculations

1.37.1. Add Abnormal Days

➤ Add an Abnormal Day

- Click on the Add Button 

×

Add Abnormal Day Schedule

Start Date

2015-08-05

End Date

End Date

Type

Please select

Termination Date

Termination Date

☐ Recurring

☐ Has Affected Days

Add Schedule

Close

FIGURE 83: ADD ABNORMAL DAY

- Select the end date
- Select the Type
- Select the Termination Date
- If applicable, select the *Recurring & Has Affected Days* options
- Click on Add Schedule **Add Schedule**

➤ Delete Abnormal Days

- Search for the applicable Abnormal Day in the list
- Click on the Delete button **Delete**

1.37.2. Calendar

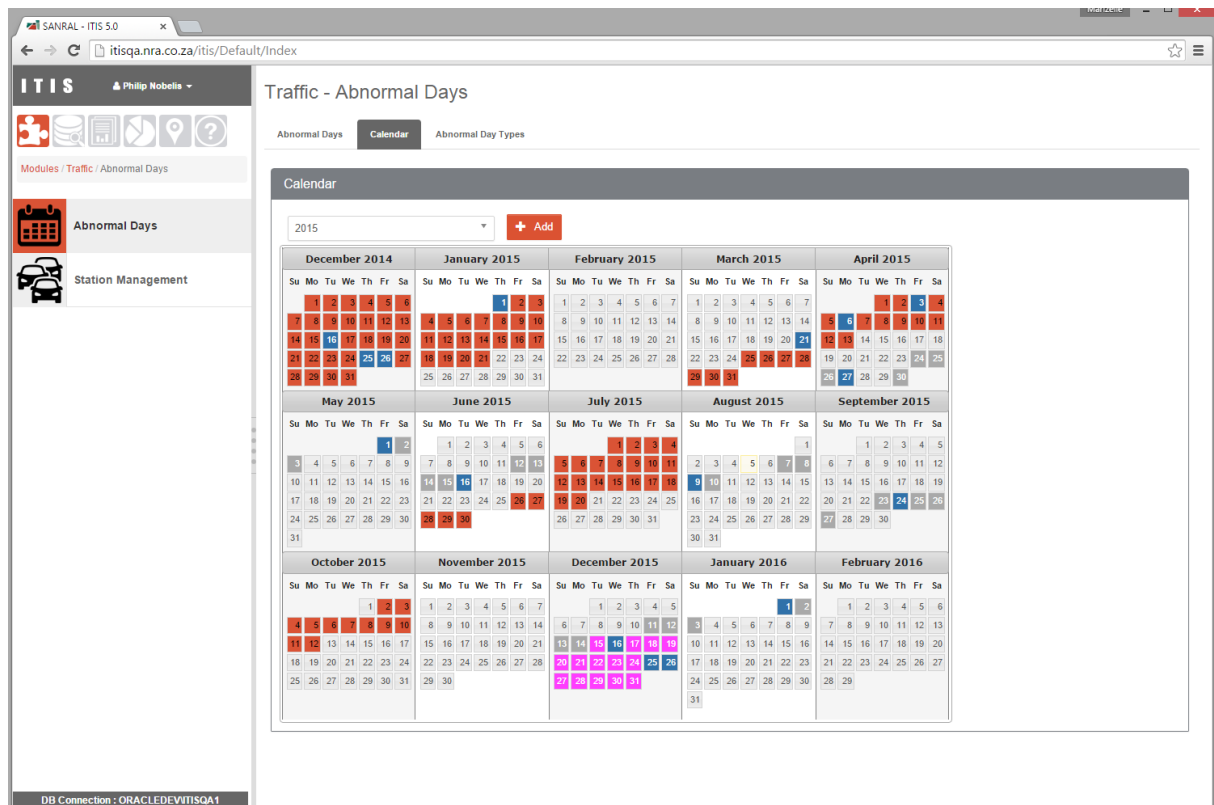


FIGURE 84: ABNORMAL DAYS CALENDAR

All Abnormal Day schedules will be displayed on the Calendar (As seen above)

You can click on an entry to open the edit screen and make the relevant changes or delete the schedule

1.37.3. Abnormal Day Types

Use Abnormal Day Types to select when creating a new schedule

➤ Add an Abnormal Day Type

- Click on the Add Button **+ Add type**
- Add a description
- Select a ForeColor
- Select a BackColor
- Click on Add Type **Add Type**

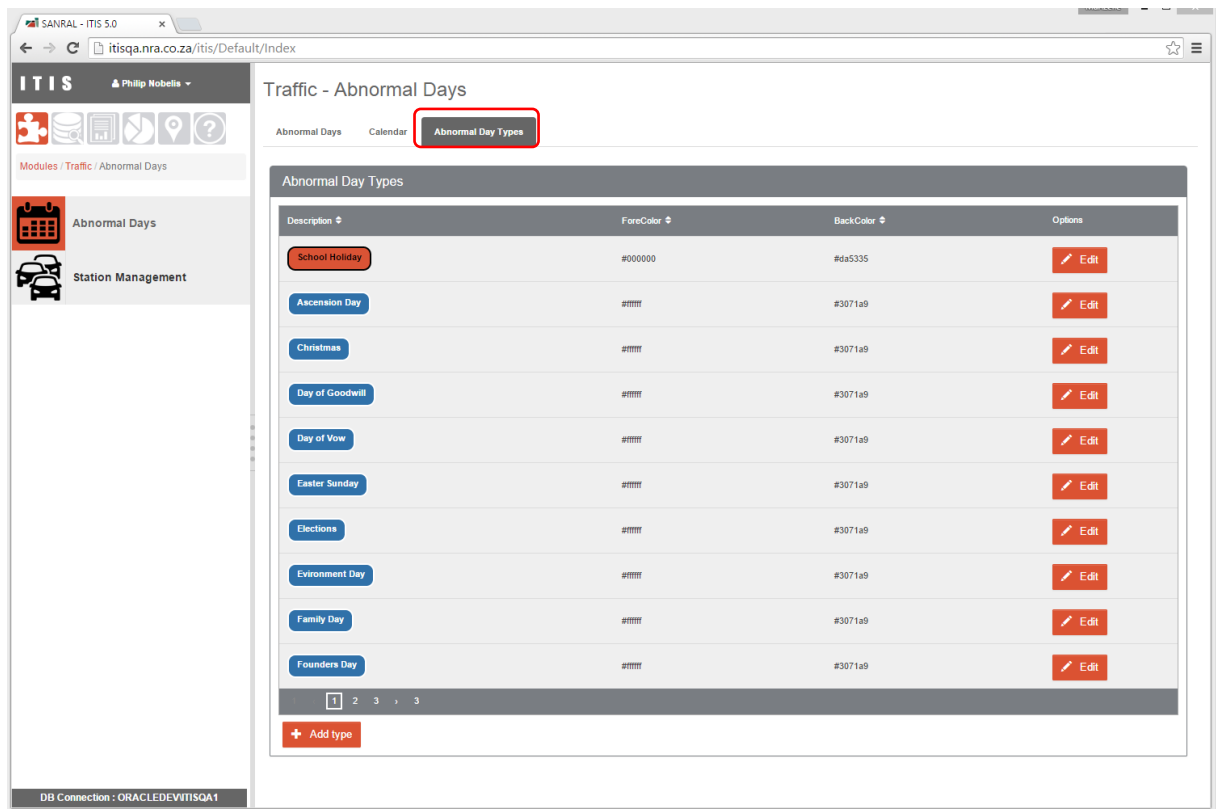


FIGURE 85: ABNORMAL DAY TYPES

1.38. Virtual Location Counter

In the VLC tree you will see two different icons:



Add new V.L.C



Existing V.L.C

➤ Add New VLC

- Click on the Add button 

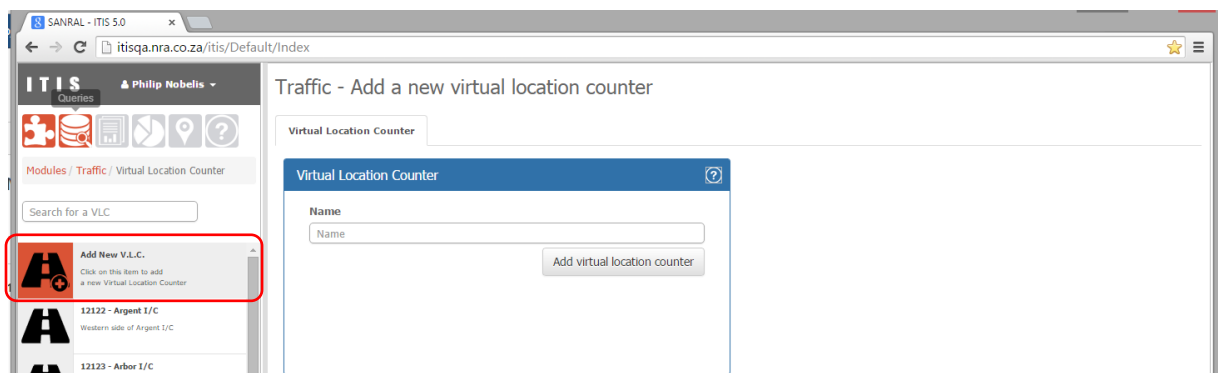


FIGURE 86: ADD VLC

- Add the VLC Name and click on *Add Virtual Location Counter*

1.39. Station Management

Use Station Management for the management of traffic station information

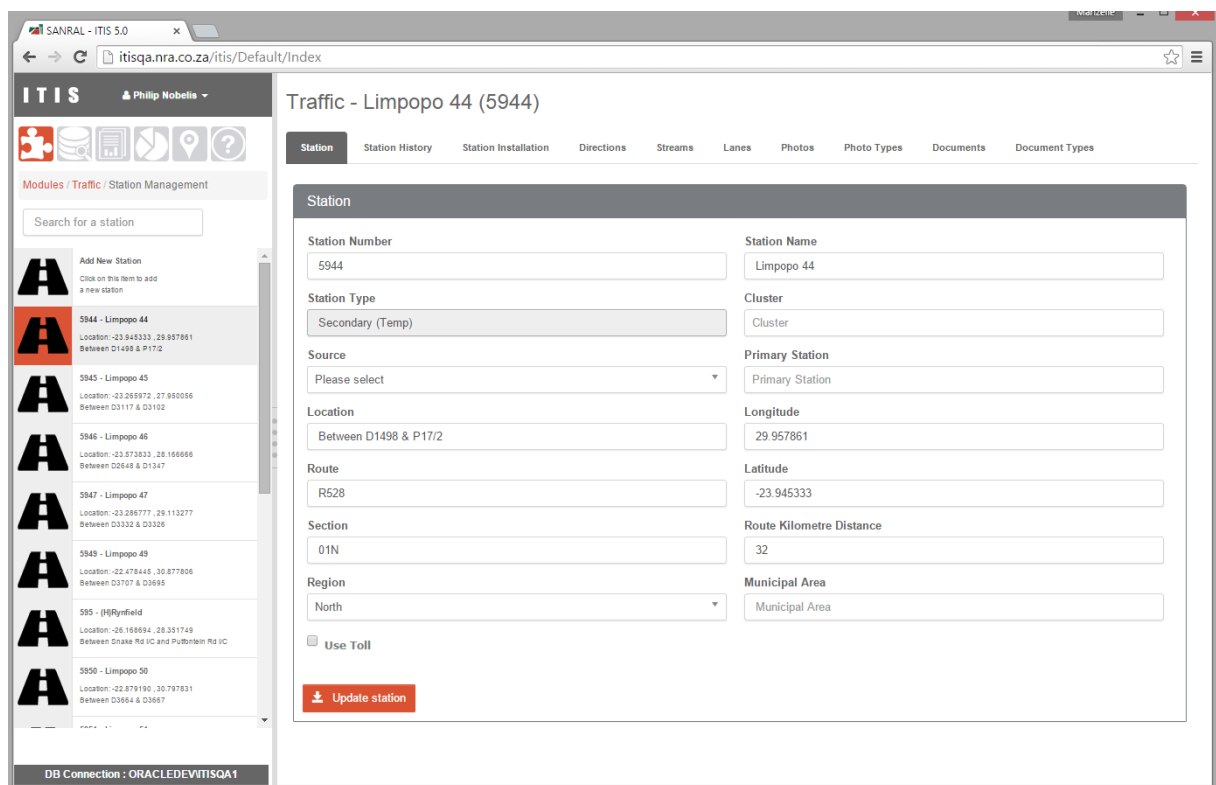


FIGURE 87: STATION MANAGEMENT

➤ Add New Station

Click on Add New Station:

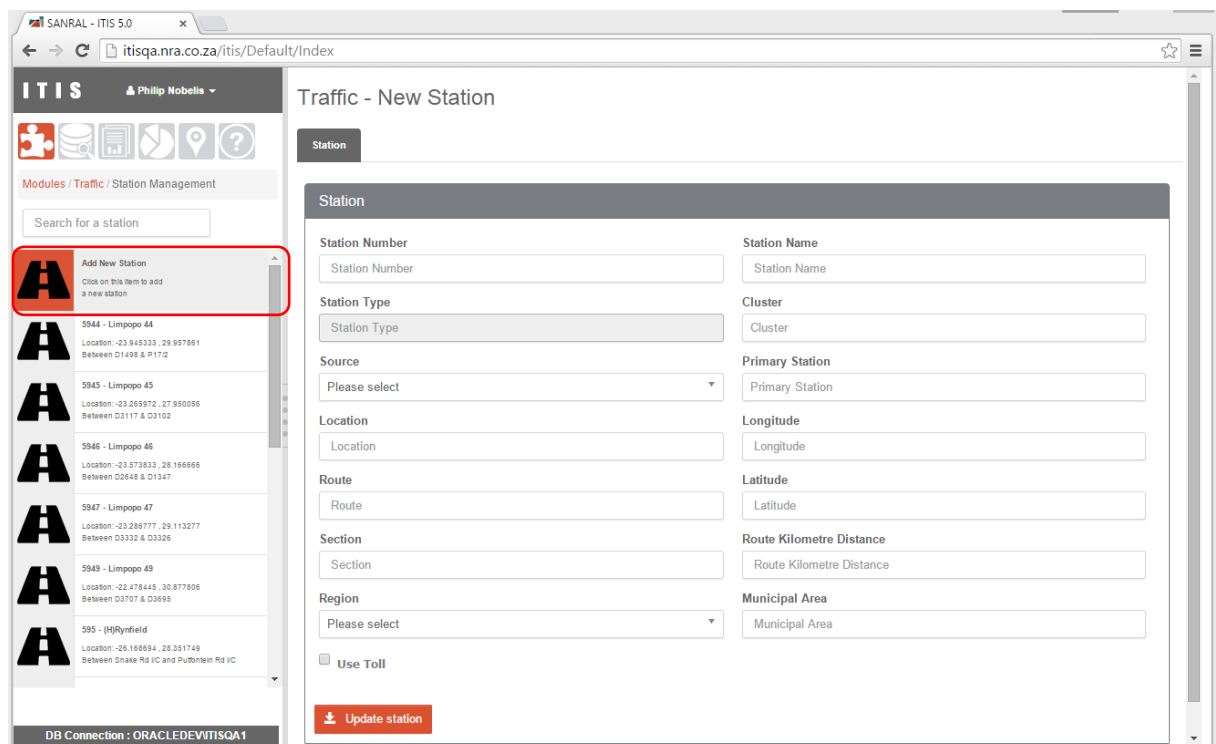


FIGURE 88: ADD STATION

- Add the Station Number
- Select the Source
- Add the location
- Add the route
- Add the section
- Select the region
- Add the station name
- Add the Longitude & Latitude

- Add the route kilometre distance
- Add the Municipal area
- Select the *Use Toll* option if applicable
- Click on Add Station Add Station

Once the station is added additional tabs will become visible and you can add more information:

FIGURE 89: ADD STATION – ADDITIONAL

Troubleshooting

When running Reports or Queries for the first time you may get a Pop Up notification as shown below:

FIGURE 90: POP UP BLOCKED


- Click on the  icon and select the “Always allow pop-ups from itis.nra.co.za” and click on Done as shown below



FIGURE 91: POP UP SAVE

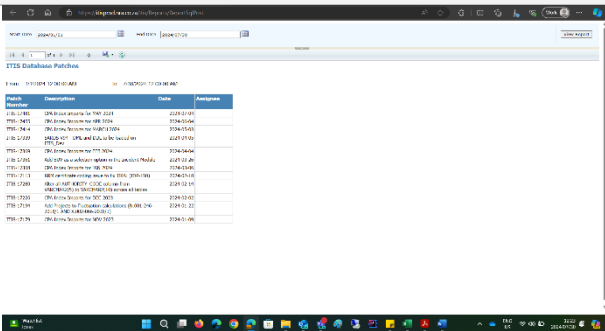
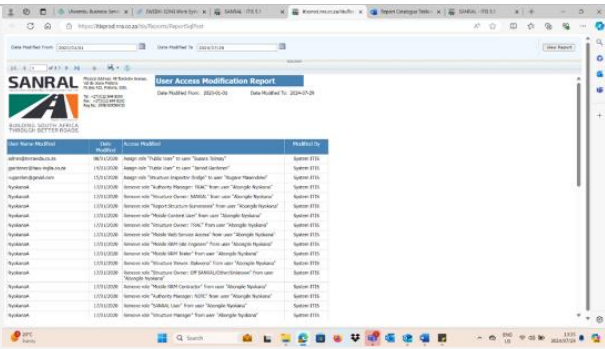
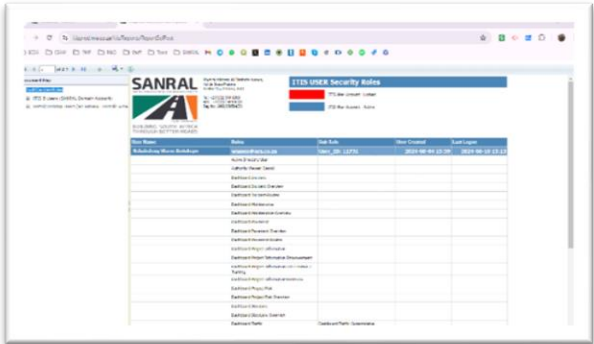
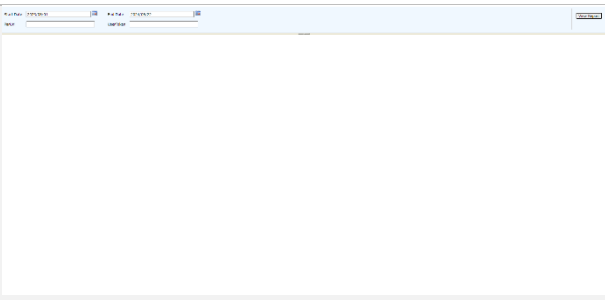
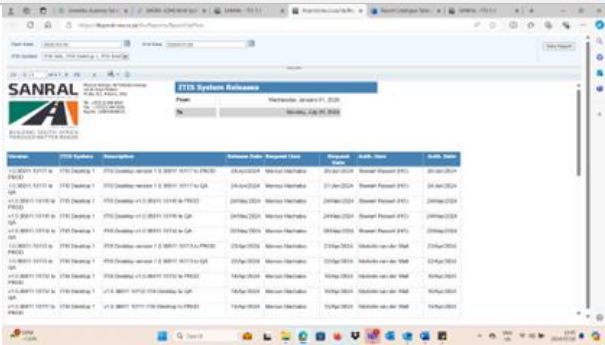
- Click on *Run Query* or *Report* again

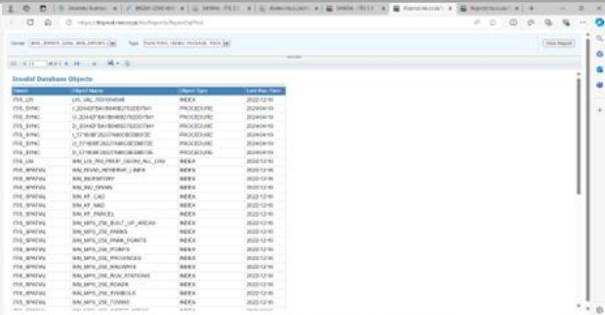
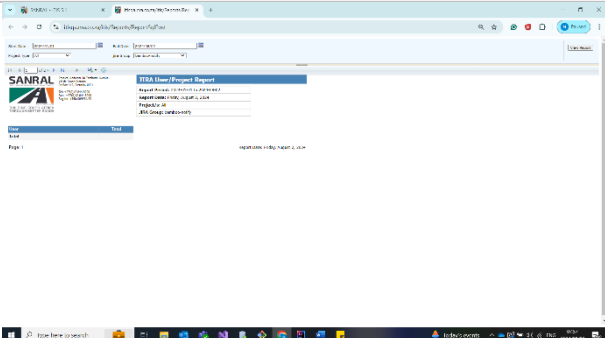
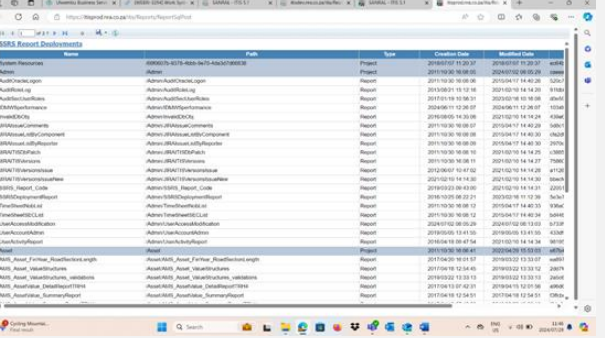
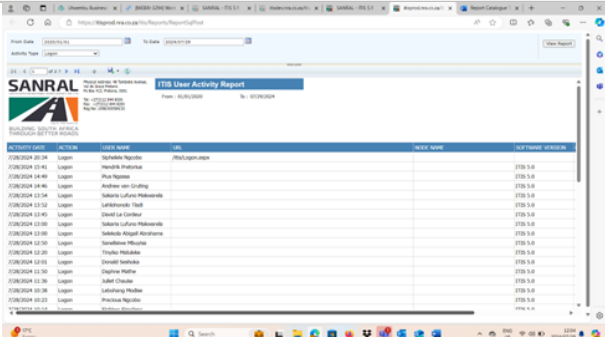
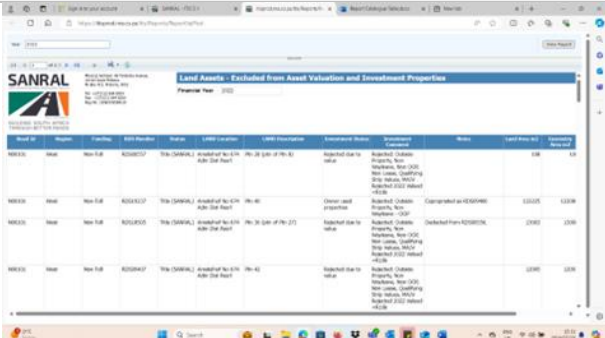
16. ITIS 5.1 Appendix – Report Catalogue

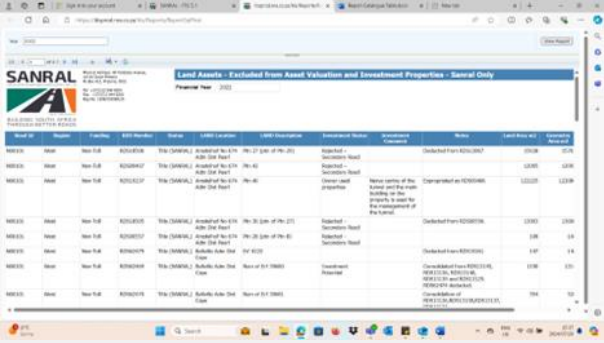
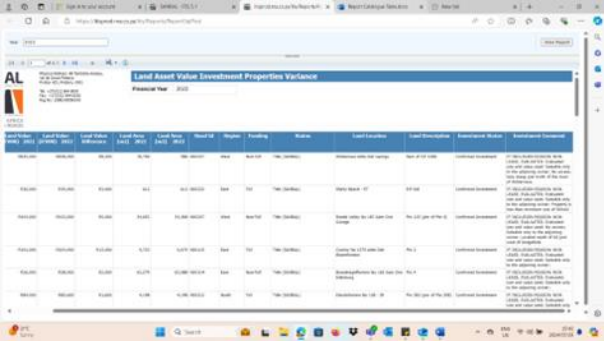
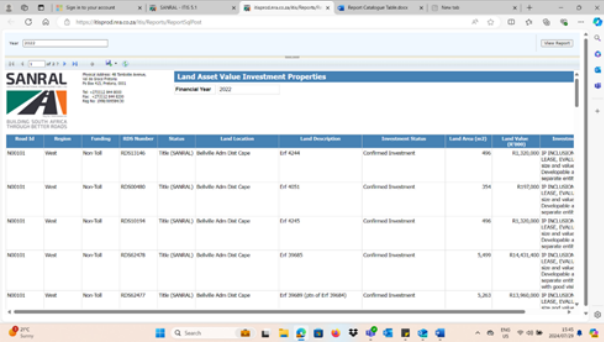
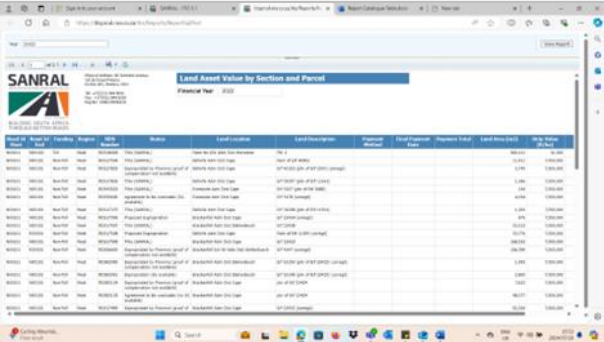
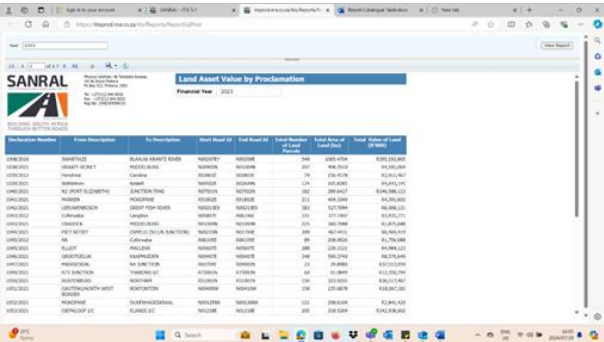
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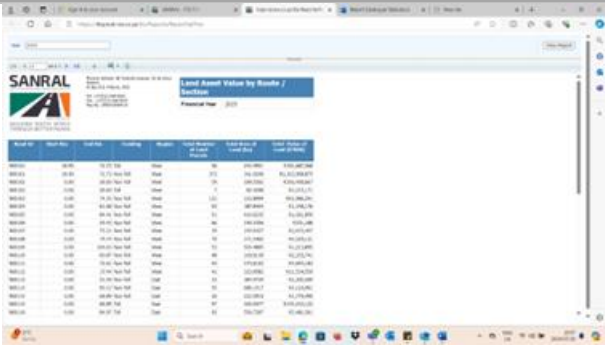

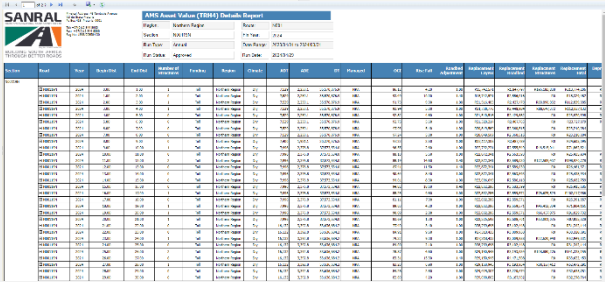
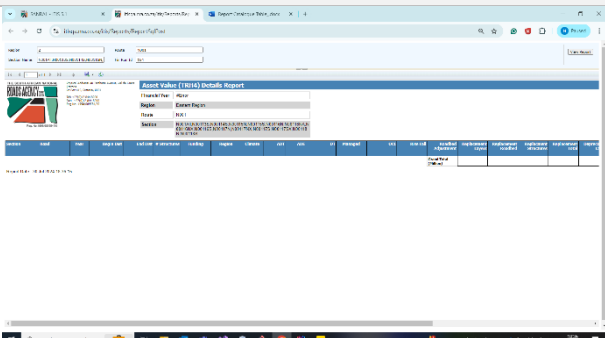
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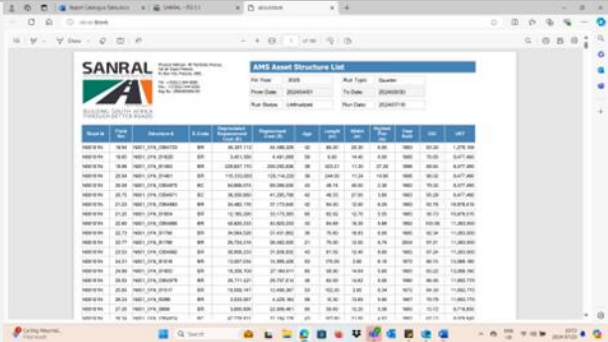
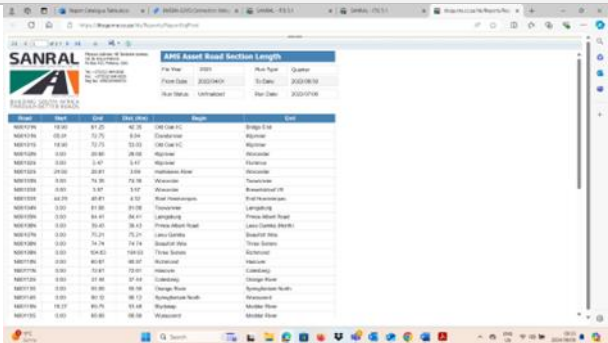
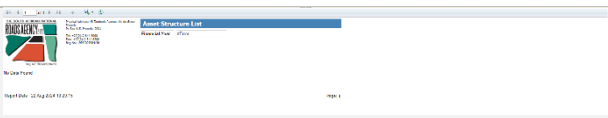
Report Name on ITIS	Parameters	Screenshot	Description
Administration			
ITIS Database Patches	Start Date End Date		Shows the patch number, Description date and assignee.
ITIS Security Change Log	Start Date End Date		It shows Name Modified, Date Modified, Access Modified and as well as Systems that modified it
ITIS Security Roles	None		Shows the username and roles to which they have been assigned, as well as User Creation Date and Last Logon.
ITIS Version Issues	Start Date End Date ParUrl User Token		Deprecated
ITIS Version	Start Date End Date ITIS System		It shows Versions, ITIS System, Description, Release Date, Request User, Request Date, Authorised User and the Date Authorised

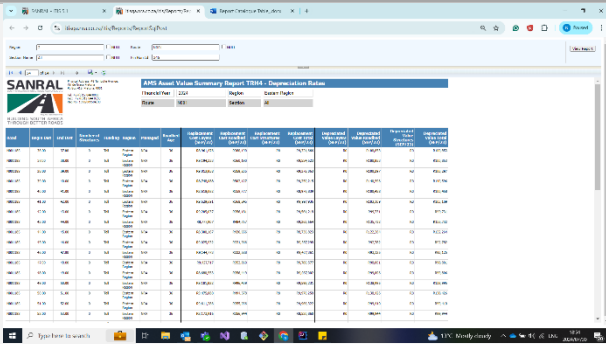
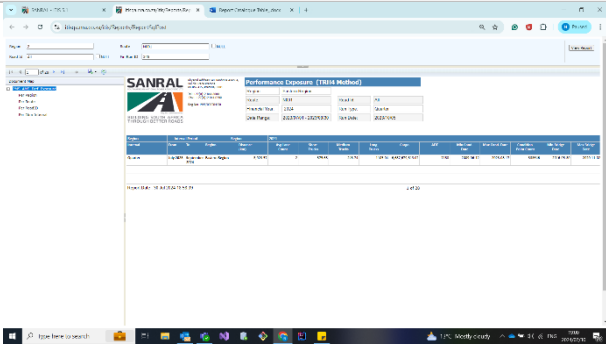
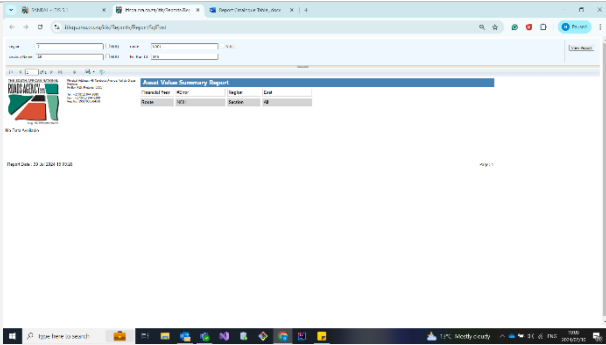
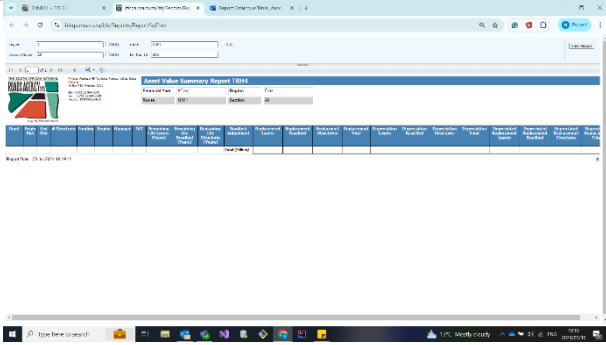
Report Name on ITIS	Parameters	Screenshot	Description
Invalid Database Objects	Owner Type		It shows owner, object name, object type and the last time it was ran. Deprecated
JIRA User – Project Time Spent	Start Date End Date Project Type Jira Group		It shows JIRA User/Project Report. Shows a table with the following columns: User, Total. NB: No data. Deprecated
SSRS Developments			Shows name, path, type, creation date, modified date and Item ID
User Activity	From Date To Date Activity Type		It shows Activity date, Action, Username, URL, Node Name, Software Version, Client User Agent and Content Type.
Assets – Land Year End			
Land Asset Non-Invest Property	Year		It shows Road ID, Region, Funding, RDS number, Status, Land Location, Land Description, Investment Status, Investment Comment, Notes, Land Area m2, Geometry Area m2 and Geometry Position

Report Name on ITIS	Parameters	Screenshot	Description
Land Asset Non-Invest Property SANRAL Only	Year		It shows Road ID, Region, Funding, RDS number, Status, Land Location, Land Description, Investment Status, Investment Comment, Notes, Land Area m2, Geometry Area m2 and Geometry Position
Land Asset Value Invest Prop Variance	Year		It shows Road ID, Region, Funding, RDS number, Status, Land Location, Land Description, Investment Status, Investment Comment, Notes, Land Area m2, Geometry Area m2 and Geometry Position
Land Asset Value Investment Properties	Year		It shows Road ID, Region, Funding, RDS number, Status, Land Location, Land Description, Investment Status, Investment Comment, Notes, Land Area m2, Geometry Area m2 and Geometry Position
Land Asset Value Parcels	Year		It shows Road ID Start, Road ID End, Funding, Region, RDS number, Status, Land Location, Land Description, Payment Method, Final Payment Date, Payment Total, Notes, Land Area m2, Strip Value and Land Value
Land Asset Value Proclamation	Year		It shows Declaration Number, From Description, To Description, Start Road ID, End Road ID, Total number of Land Parcels, Total Area of Land and as well as the Total Value of Land



Report Name on ITIS	Parameters	Screenshot	Description
Land Asset Value Route/Section	Year		It shows Road Id, Start Km, End Km, Funding, Region, Total Number of Land Parcels, Total Area of Land and Total Value of Land
Land Asset Value Section/Km	Year		It shows Road Id, Start Km, End Km, Funding, Region, Total Number of Land Parcels, Total Area of Land and Total Value of Land
Assets – Asset Details			
AMS Asset Value Details TRH4	Region Section Name Route Fin Run Id		Shows AMS Asset Value (TRH4) Details Report. Shows a table with the following columns: Section, Road , Year, Begin Dist, End Dist, Number of Structures, Funding, Region, Climate, ADT, ADE, DT, Managed, OCI, Rise Fall, Roadbed Adjustment, Replacement Layers, Replacement Roadbed, Replacement Structures, Replacement Total, Depreciation Layers, Depreciation Road Bed, Depreciation Structures, Depreciation Total, Depreciated Replacement Layers, Depreciated Replacement Roadbed, Depreciated Replacement Structures, Depreciated Replacement.
Asset Value Details TRH4 (Historic Report, for Audit purposes only)	Region Section Name Route Fin Run Id		Shows a table with the following columns: Section, Road , Year, Begin Dist, End Dist, # Structures, Funding, Region, Climate, ADT, ADE, DT, Managed, OCI, Rise Fall, Roadbed Adjustment, Replacement Layers, Replacement Roadbed, Replacement Structures, Replacement Total, Depreciation Layers, Depreciation Road Bed, Depreciation Structures, Depreciation Total, Depreciated Replacement Layers, Depreciated Replacement Roadbed, Depreciated Replacement Structures, Depreciated Replacement.






Nb: Large amount of data available in this report and therefore, we recommend filtering by road/section.


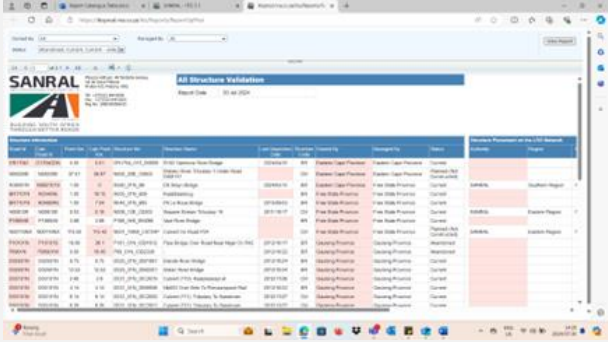
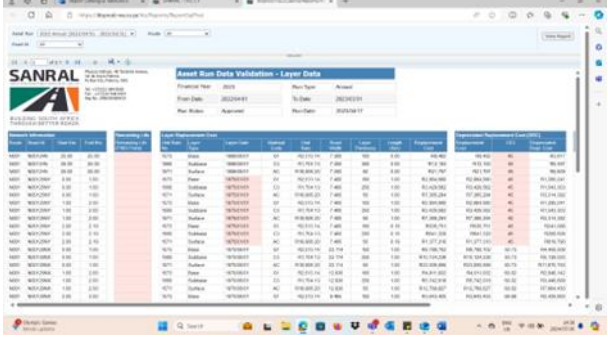
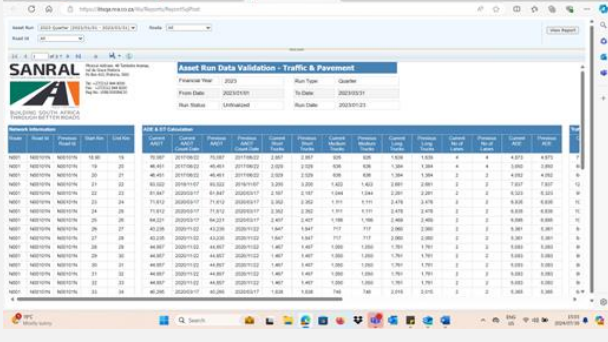
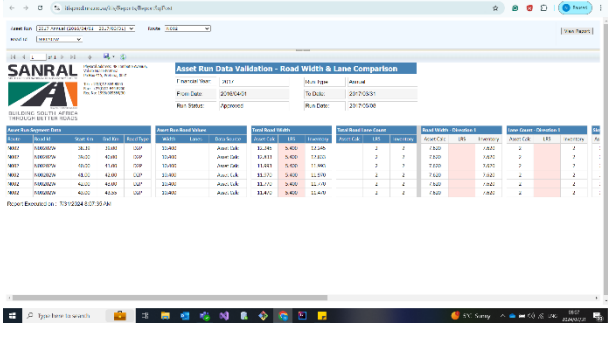
Report Name on ITIS	Parameters	Screenshot	Description
			Replacement Structures, Depreciated Replacement Total. Nb: Large amount of data available in this report and therefore, we recommend filtering by road/section.
Assets – Financial Year			
AMS Asset Road Section Length			It shows Road, Start, End, Distance in Km and also where if Begin
AMS Asset Structure List			It shows Road ID, Field in Km, Structure, E-Code, Depreciated Replacement Cost, Replacement Cost, Age, Length in m, Width in m, Highest Pier in m, Year Built, OCI and VKT
Asset Road Section Length	Fin Run ID		It displays Road, Start, End, Distance (Km), Begin and End
Asset Structure List (Historic Report, for Audit purposes only)	Fin Run ID		It shows Road ID, Field Km, Structure, E-code, Depreciated Replacement, Replacement cost, age, length, width, highest pier, year built, OCI and VKT


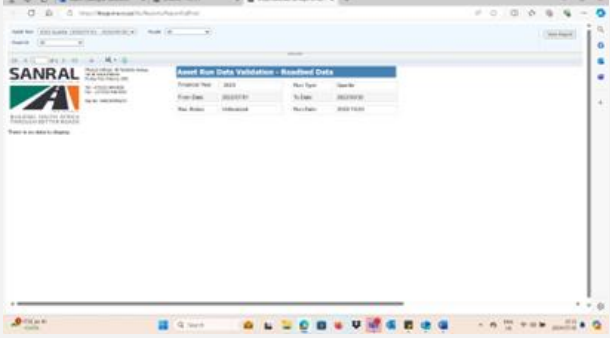
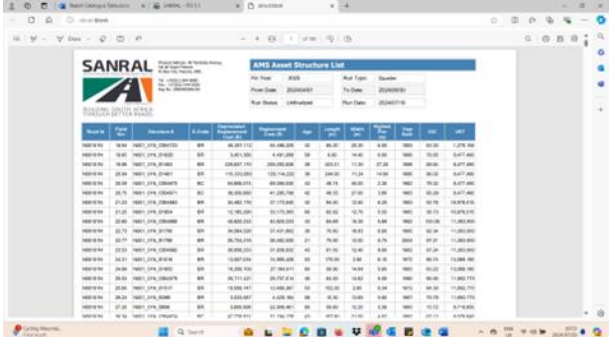
Report Name on ITIS	Parameters	Screenshot	Description
AMS Asset Value Summary TRH4 Rate	Region Section Name Route Fin Run Id		Shows AMS Asset Value Summary Report TRH4 - Depreciation Rates. Shows a table with the following column: Road , Begin Dist, End Dist, Number of Structures, Funding, Region, Managed, Roadbed Age, ReplacementCost Layers (SEP/23), Replacement Cost Roadbed (SEP/23), ReplacementCost Structures(SEP/23), ReplacementCost Total(SEP/23), Depreciated Value Layers(SEP/23), Depreciated Value Roadbed(SEP/23), Depreciated Value Structures(SEP/23), Depreciated Value Total(SEP/23).
AMS Performance Exposure (TRH4 Method)	Region Section Name Route Fin Run Id		Shows Performance Exposure (TRH4 Method). Shows a table with the following columns: Region, Interval Period, Region, 2024, Interval, From, To, Region, Distance (km), Avg Lane, Count, Short, Trucks, Medium, Trucks, Long, Trucks, Cargo, ADT, Min Cond. Date, Max Cond. Date, Condition, Point Count, Min Bridge, Date, Max Bridge, Date, Bridge, Count, BCE Structure, OCI, HTE, LRE, STE, BCE Travel, HTE Travel, LRE Travel, STE Travel, Total Travel, Bridge; Total Travel
Asset Value Summary (Historic Report, for Audit purposes only)	Region Section Name Route Fin Run Id		
Asset Value Summary TRH4 (Historic Report, for Audit purposes only)	Region Section Name Route Fin Run Id		Shows Asset Value Summary Report TRH4. Shows a table with the following columns: Road, Begin Dist, End Dist, # Structures, Funding, Region, Managed, OCI, Remaining Life Layers (Years), Remaining Life Roadbed (Years), Remaining, Life Structures (Years), Roadbed Adjustment, Replacement Layers, Replacement Roadbed, Replacement Structures, Replacement Total, Depreciation Layers, Depreciation Road Bed, Depreciation Structures, Depreciation Total, Depreciated Replacement Layers, Depreciated Replacement Roadbed, Depreciated Replacement Structures, Depreciated Replacement Total.

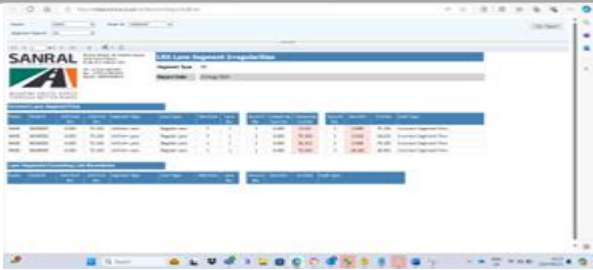

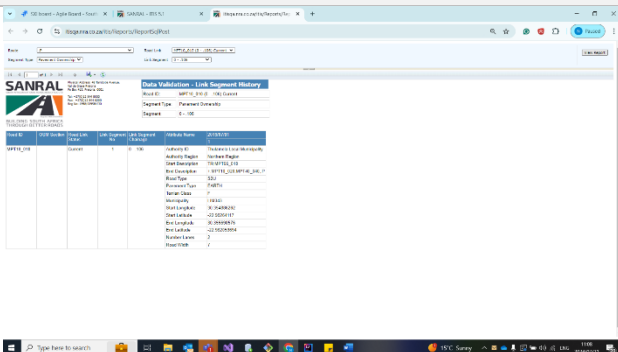
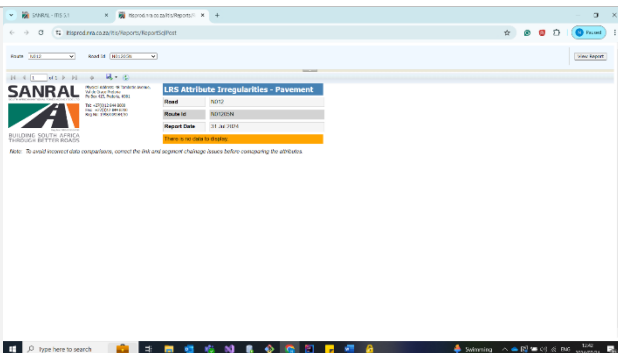
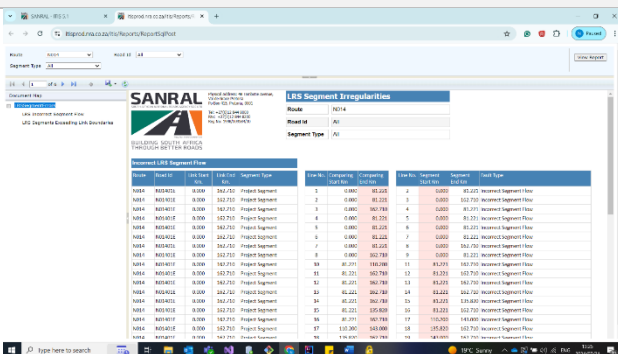
Report Name on ITIS	Parameters	Screenshot	Description
Asset Value Summary TRH4 Dep. (Historic Report, for Audit purposes only)			
Asset Value Summary TRH4 Rate	Region Section Name Route Fin Run Id		Shows AMS Asset Value Summary Report TRH4 - Depreciation Rates. Shows a table with the following columns: Road, Begin Dist, End Dist, Number of, Structures, Funding, Region, Managed, Roadbed Age, Replacement Cost Layers (SEP/23), Replacement Cost Roadbed (SEP/23), Replacement Cost Structures (SEP/23), Replacement Cost Total (SEP/23), Depreciated Value Layers (SEP/23), Depreciated Value Roadbed (SEP/23), Depreciated Value Structures (SEP/23), Depreciated Value Total (SEP/23).
Assets - Summaries			
EC, NW Land Value (no parcels) 2013 Xtra			It shows Region, Funding, Road Id Start, Start in Km, End in Km, Valuation Strip, Land Area (m2), Strip Value (R/ha) and as well as Land Value
Land Asset Value 2013 EC, NW (no parcels)			It shows Region, Funding, Road Id Start, Start in Km, End in Km, Valuation Strip, Land Area (m2), Strip Value (R/ha) and as well as Land Value
Land Asset Value 2014 EC, NW (no parcels)			It shows Region, Funding, Road Id, Land Area (m2), Strip Value (R/ha) and as well as Land Value

Report Name on ITIS	Parameters	Screenshot	Description
Land Asset Value Parcels 2013 Xtra Strips			The report does not show any data however it shows column heading with no data
Land Asset Value Route/Section 2013 Xtra			It shows Region, Start Km, End Km, Funding, Region, Total number of Land Parcels, Total Area of Land (ha) and the Total Value of Land (R'000)
Land Asset Value Route/Section 2013 Xtra			It shows Road Id, Start Km, End Km, Funding, Region, Total number of Land Parcels, Total Area of Land (ha) and the Total Value of Land (R'000)
Land Asset Value Section/Km 2013 Xtra			It shows Road Id, Start Km, End Km, Funding, Region, Total number of Land Parcels, Total Area of Land (ha) and the Total Value of Land (R'000)
Land Asset Value 2016 EC, NW, LP (no parcels)			It shows Region, Funding, Road Id, Land Area (m2), Strip Value (R/ha) and Land Value

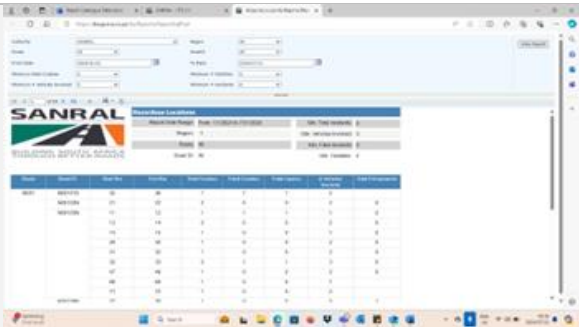
Report Name on ITIS	Parameters	Screenshot	Description
Land Asset Value 2017 EC, NW, LP (no parcels)			It shows Region, Funding, Road Id, Land Area (m2), Strip Value (R/Ha) and Land Value
Land Asset Value 2018 EC, NW, LP (no parcels)			It shows Region, Funding, Road Id, Land Area (m2), Strip Value (R/Ha) and Land Value
Land Asset Value 2019 EC, NW, LP (no parcels)			It shows Region, Funding, Road Id, Land Area (m2), Strip Value (R/Ha) and Land Value
Land Asset Value 2020 EC, NW, LP (no parcels)			It shows Region, Funding, Road Id, Land Area (m2), Strip Value (R/Ha) and Land Value
Land Asset Value 2021 EC, NW, LP and Moloto Road (no parcels)			It shows Region, Funding, Road Id, Land Area (m2), Strip Value (R/Ha) and Land Value

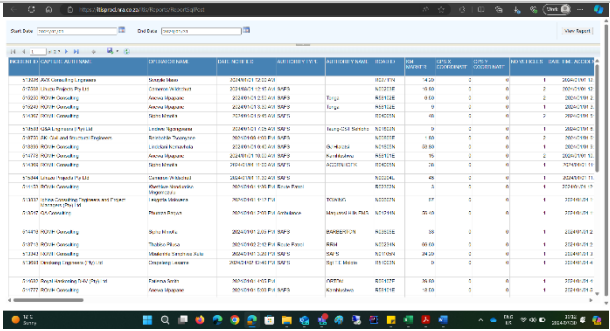
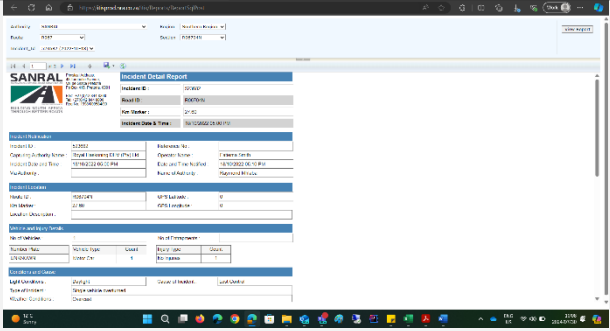
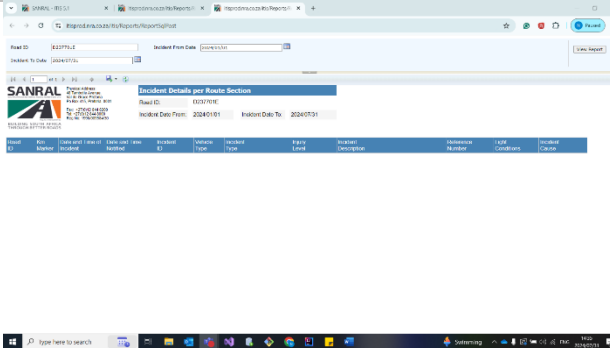
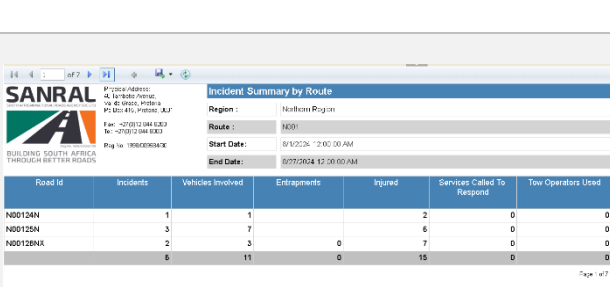
Report Name on ITIS	Parameters	Screenshot	Description
Land Asset Value 2022 EC, NW, LP and Moloto Road (no parcels)			It shows Region, Funding, Road Id, Land Area (m2), Strip Value (R/Ha) and Land Value
Assets - Data Validation			
All Structure Validation	Owned By Managed By Stats		It shows Structure information, Structure Placement on the LRS Network, Age, Replacement cost Cal and Used in Asset Run
Asset Run Layer Validation	Asset Run Route Road ID		It Shows Network Infor, Remaining Life, Layer Replacement Cost, DRC and Depreciated Cost
Asset Run Pavement and Traffic Validation	Asset Run Route Road ID		It shows Network Infor, ADE & DT Cal, Traffic Class, Layer Material and Layer Replacement Cost
Asset Run Road Width and Lane Count Comparison	Asset Run Route Road ID		Shows Asset Run Data Validation - Road Width & Lane Comparison. Shows the Asset Run Segment Data table with the following columns: Route, Road Id, Start Km, End Km, Road Type. Shows the Asset Run Road Values table with the following: Width, Lanes, Data Source. Shows the Total Road Width table with the following columns: Asset Calc, LRS, Inventory. Shows the Total Road Lane Count table with the following columns: Asset Calc, LRS, Inventory. Shows the Road Width - Direction 1 table with the following

Report Name on ITIS	Parameters	Screenshot	Description
			columns: Asset Calc, LRS, Inventory. Shows the Lane Count - Direction 1 table with the following columns: Asset Calc, LRS, Inventory. Shows the Slow Shoulder - Direction 1 table with the following columns: Asset Calc, LRS, Inventory. Shows the Fast Shoulder - Direction 1 table with the following columns: Asset Calc, LRS, Inventory. Shows the Road Width - Direction 2 table with the following columns: Asset Calc, LRS, Inventory. Shows the Lane Count - Direction 2 table with the following columns: Asset Calc, LRS, Inventory. Shows the Slow Shoulder - Direction 2 table with the following columns: Asset Calc, LRS, Inventory. Shows the Fast Shoulder - Direction 2 table with the following columns: Asset Calc, LRS, Inventory.
Asset Run Roadbed Validation	Asset Run Route Road ID		Shows Asset Run Data Validation - Roadbed Data.
Asset Run Structure Validation	Asset Run		It shows Road ID, Field in Km, Structure, E-Code, Depreciated Replacement Cost, Replacement Cost, Age, Length in m, Width in m, Highest Pier in m, Year Built, OCI and VKT
Network ADT Calculation Irregularities	Start Date End Date Project Type Jira Group	Tbc.	

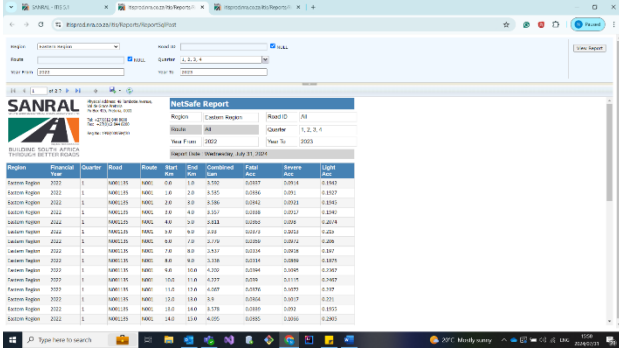
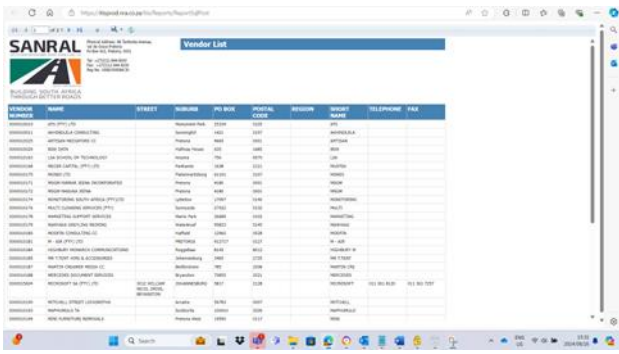
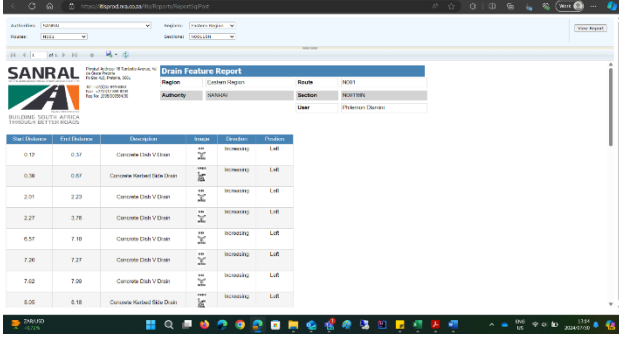
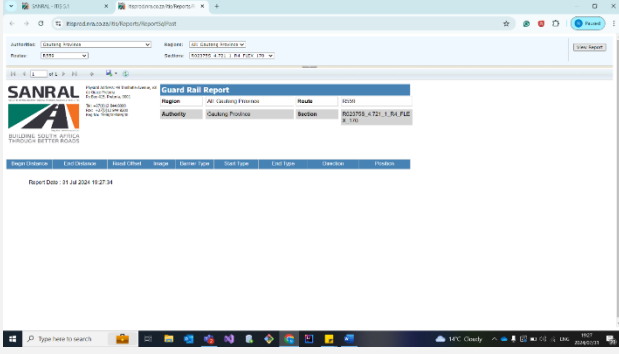
Report Name on ITIS	Parameters	Screenshot	Description
Network Lane Segment Irregularities			It shows Route, Road ID, Link start km, Link end km, Segment Type, Lane Type, Direction, Lane No, Record No, comparing start km, comparing end km, Record No, Start km, End km, Fault Type,
Network Link History	Route Route Id		It shows Road ID, OSM Section, Link Revision No, Link Revision Status, Revision Active From, Revision Chainage (km), Attribute Name, Attributes Active From
Network Link Segment History	Route Road link Segment type Link Segment		Shows Data Validation - Link Segment History. Shows a table with the following columns: Road ID, OSM Section, Road Link Status, Link Segment No., Link Segment Chainage, Attribute Name, 2019/07/01 (1)
Network Pavement Attribute Irregularities	Route Route Id		Shows LRS Attribute Irregularities - Pavement.
Network Segment Irregularities	Route Road Id Segment Type		Shows LRS Segment Irregularities. Shows a table with the following columns: Route, Road Id, Link Start Km., Link End Km., Segment Type. Shows a table with the following columns: Line No., Comparing Start Km, Comparing End Km. Shows a table with the following columns: Line No., Segment Start Km, Segment End Km, Fault Type.

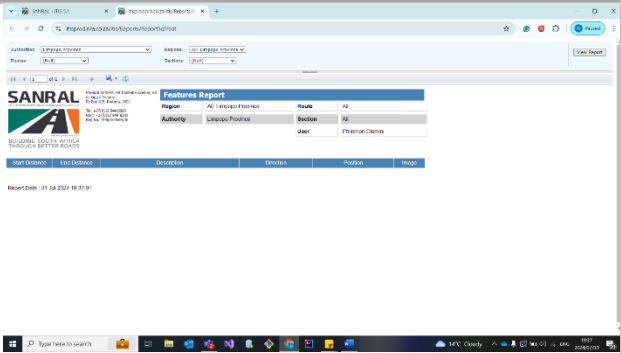
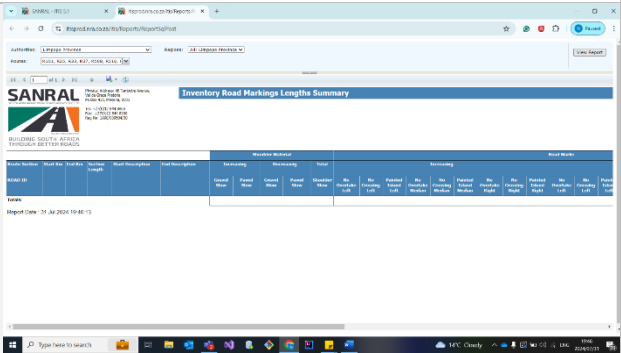
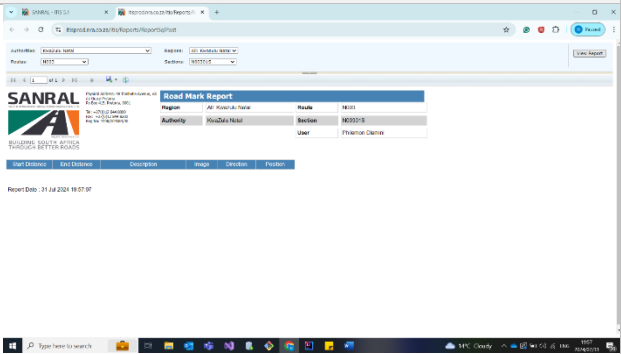
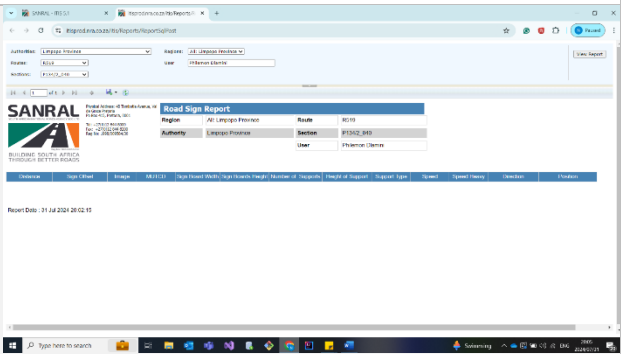
Report Name on ITIS	Parameters	Screenshot	Description
OSM Segment Irregularities and Network Comparison			It shows Incorrect OSM Segment Flow, OSM Section and LRS Link Comparison
Pavement Asset Data Age			It shows Pavement Asset data
SAP Public Works and Asbuilt Comparison			It shows Road Id, Contract No, Project type, Project Group, Start Km, End Km, Start Date, End Date, Lane , Layer No and as well as Condition Date
Station Mappings Affected by Road Changes			It shows station number, Name, Type, Status, Status, Road Section, Mapped Road Id, Start Km, End Km, LRS Road Id and Issue Description
Structures Affected by Road Changes			It shows Structure No, Structure name, Structure Road Id, Calculated Road Id, Point Km, E-Code, Owner, Manager, Status, Error Message, New Value, Start Km and End Km

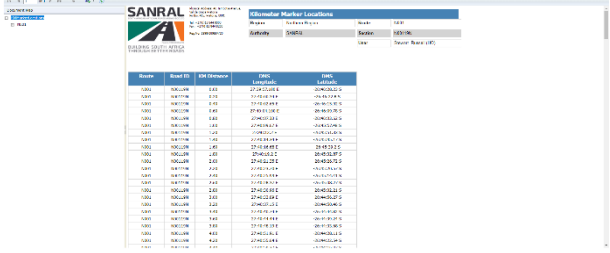
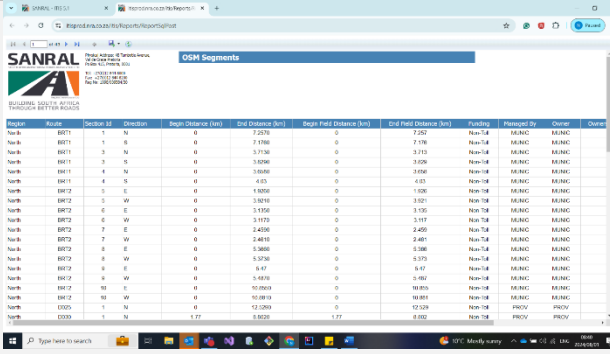
Report Name on ITIS	Parameters	Screenshot	Description
Community Developments		<i>None available</i>	-
Documents			
Project Drawings	Date		<i>Deprecated</i>
Crash			
Crashes Per Project	Authority Region Route Road Id Data From (calendar) Data To (calendar) Min. Fatal Crashes Min. Fatalities Min. Vehicle Count Min. Total Crashes		It shows crashes Per Route/Project
Hazardous Locations	Authority Region Route Road Id From Date To Date Minimum Fatal Crashes Minimum # Fatalities Minimum #		It shows Route, Road Id, Start Km, End Km, Total Crashes, Fatal Crashes, Fatal Injury, Vehicles Involved and Total Entrapments

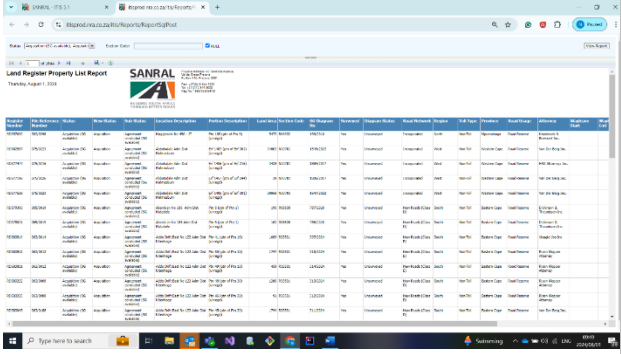
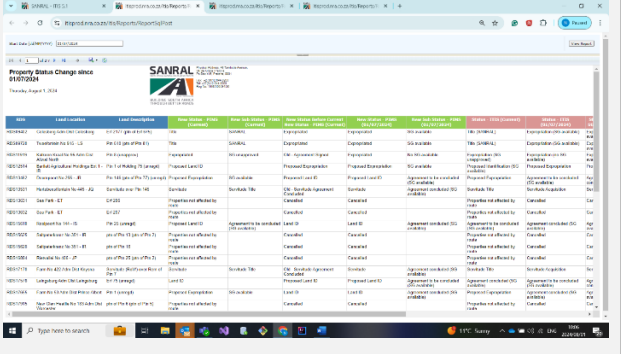
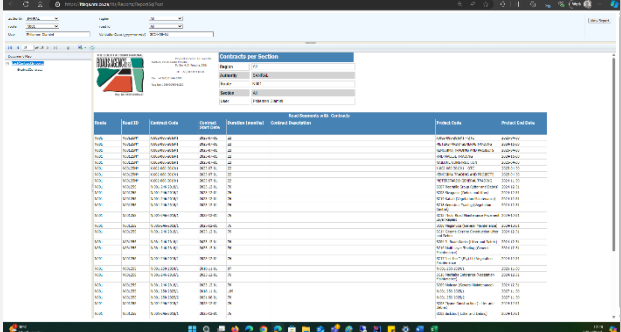
Report Name on ITIS	Parameters	Screenshot	Description
	Vehicle Involved Minimum # Incidents		
Incident Data Dump	Start Date End Date		Shows the Incident Id, Capture Auth Name, Operator Name, Date Notified, Authority Type, Authority Name, Road Id, Km Marker, Gps X Coordinate, Gps Y Coordinate, No Vehicles, Date Time Accident, Entrapments Total, Incident Type, Road Closure, Alternate Route, Total Closure Start, Total Closure End, Fast Lane Closure Start, Fast Lane Closure End, Middle Lane Closure Start tables for the view
Incident Detail Report	Authority Region Route Section Incident_ Id		Shows the Incident Notification, Incident Location, Vehicle and Injury Details, Conditions and Cause, Traffic Information, On Scene Coordination, Services Alerted, Hazardous Chemical Spillage, Tow Operators, Damage to Property
Incident Details Per Route Section	Road_Id Incident from Date Incident to Date		Shows Incident Details per Route Section. Shows a table with the following columns: Road ID, Km Marker, Date and Time of Incident, Date and Time Notified, Incident ID, Vehicle Type, Incident Type, Injury Level, Incident Description, Reference Number, Light Conditions, Incident Cause.
Incident Summary Per Route	Authority Region Id Route Road Id Start Date End Date		Shows Incident Summary per Route. Shows a table with the following columns: Road ID, Incidents, Vehicles Involved, Entrapments, Injured, Services called to respond, Tow operators used.

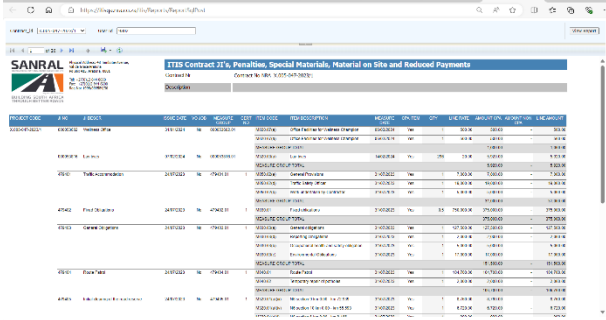
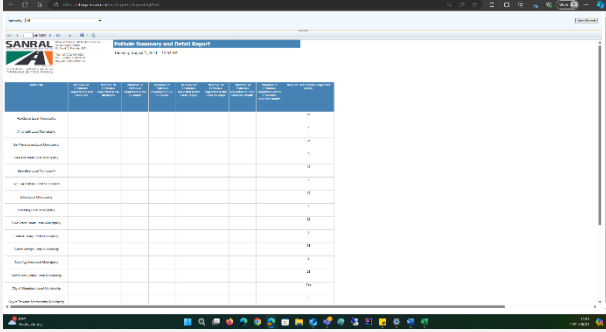
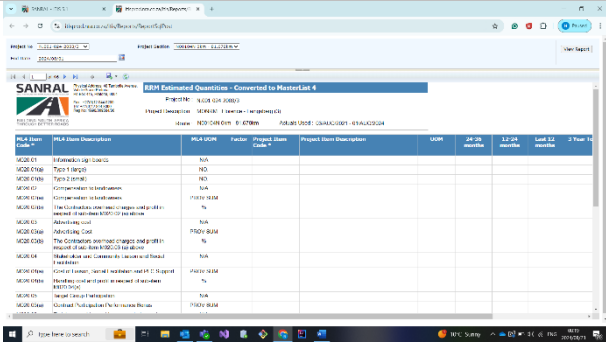
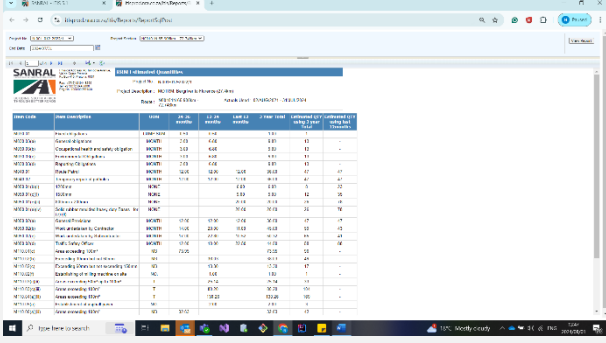
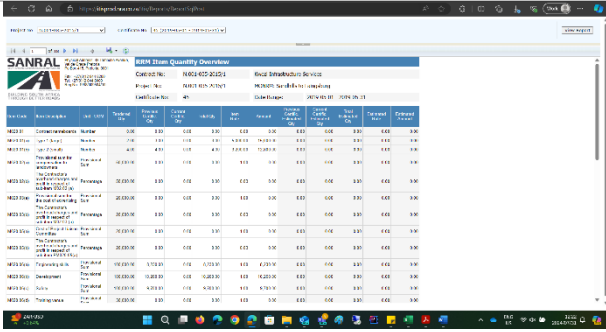
Report Name on ITIS	Parameters	Screenshot	Description
Incident Overview	Authority Id Region Route Start Date(yyy-y-mm-dd) End Date(yyyy-mm-dd)		Shows Incident Overview. Shows a table with the following columns: Region, Route, Begin Desc, End Desc, Road (Km), Max. ADT Measured, Million VKT, Crash Total, Crash/Km, Crash/MVKT, Number of Fatal Crashes, Fatal Crashes Per Km, Fatal Crashes per MVKT, Incident Overview.
Incidents Loaded in the last 30 days	Region Route Project		It shows Road, Road ID, Road Start km, Road end km, Project no, Description, Project manager, Region, Start Date, End Date, Project start Km, Project end km, Organization, Organization start date, Organization end date, Last commit date, Updated incidents last 30 days, New incidents last 30 days, Updated incidents last 30 days, Update incidents last 7 days, New incidents last 30 days, Total incidents to date.
Incidents Per Cause	Start Date End Date Authority Region Route		Shows Incidents Per Cause. Shows a table with the following columns: ROAD ID, Tyre Burst, Driver Fell Asleep, Driver Drunk, Medical Condition, Mechanical Failure, No Type 6, Wind, Lost Load, Lost Control, Animal, Negligence, Obstruction, Unknown, Pedestrian.
Incidents Per Road Section	Authority Id Region Route Road ID Start Date(yyyy-mm-dd) End Date(yyyy-mm-dd)		Shows the Incidents per Road Section, Region, Route, ROAD ID, Begin Desc, End Desc, Road (Km), Max. ADT Measured, Million VKT, Crash Total, Crash/Km, Crash/MVKT, Number of Fatal Crashes, Fatal Crashes Per Km, Fatal Crashes per MVKT

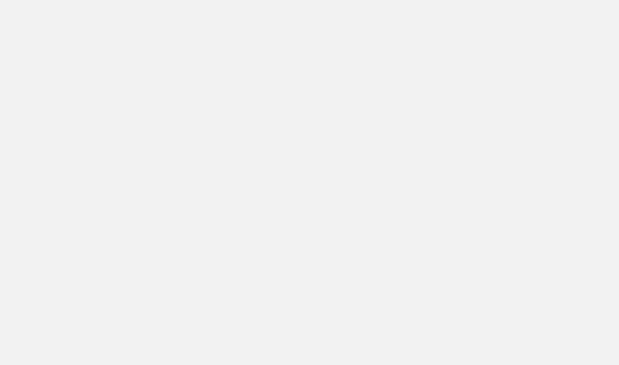
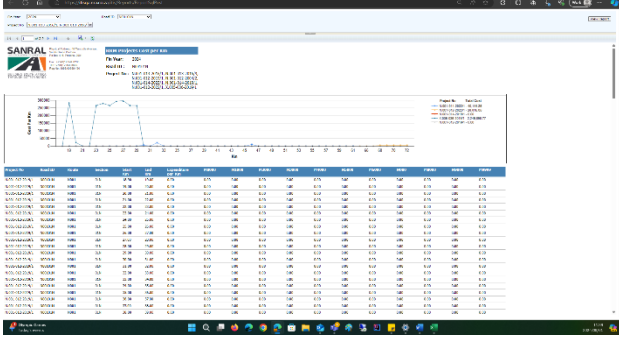
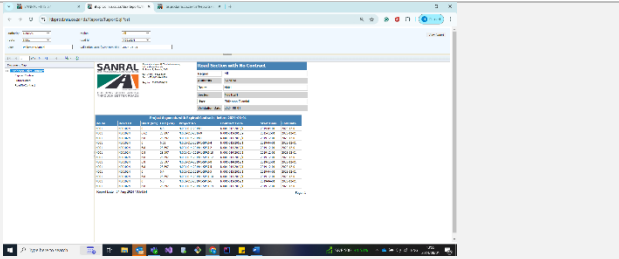
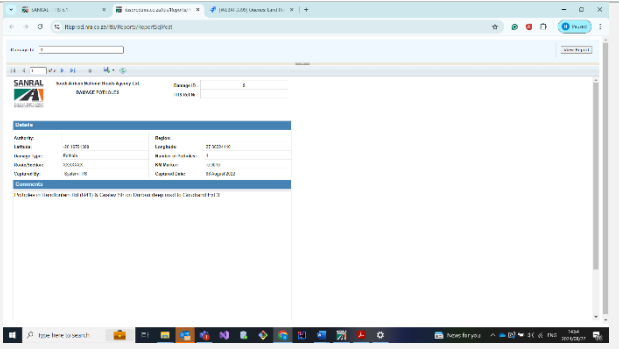
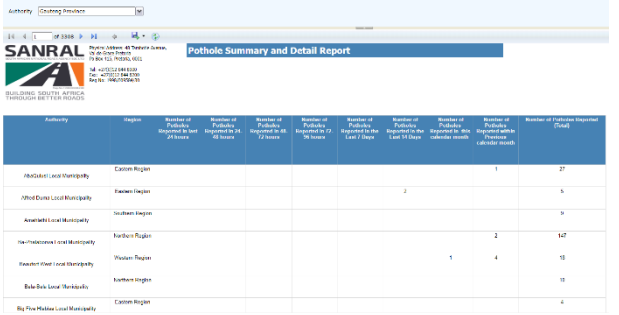
Report Name on ITIS	Parameters	Screenshot	Description
NetSafe	Region Road Id Route Quarter (Null) Year From Year to		Shows NetSafe Report. Shows a table with the following columns: Region, Financial Year, Quarter, Road ID, Route, Start Km, End Km, Combined Ean, Fatal Acc, Severe Acc, Light Acc.
Finance			
Vendors List			Vendor Name, Name, Street, Suburb, PO Box, Postal Code, Region, Short Name, Telephone, Fax.
Inventory			
Inventory Drains	Authorities Regions Routes Sections		Displays Start Distance, End Distance, Description, Image, Direction and Position drains per route.
Inventory Guard Rails	Authorities Regions Routes Sections		Shows Guard Rail Report. Shows a table with the following columns: Begin Distance, End Distance, Road Offset, Image, Barrier Type, Start Type, End Type, Direction, Position

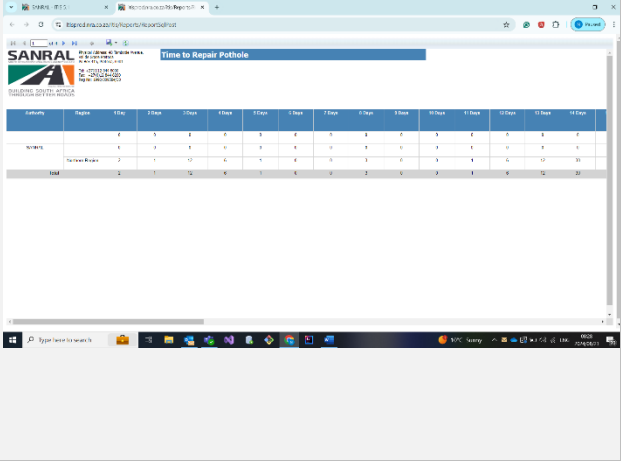
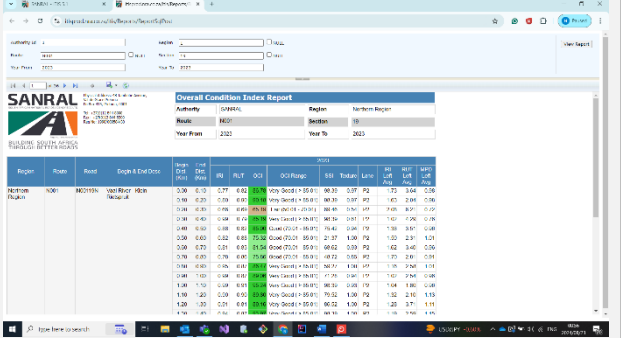
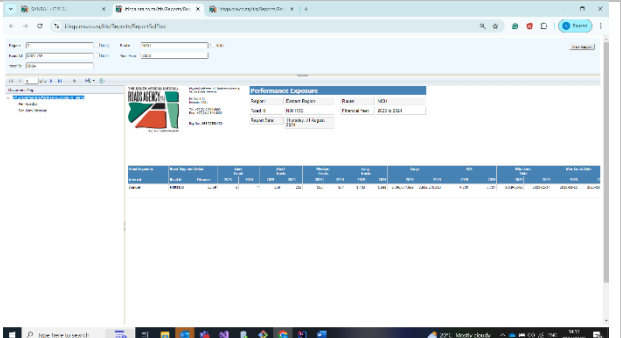
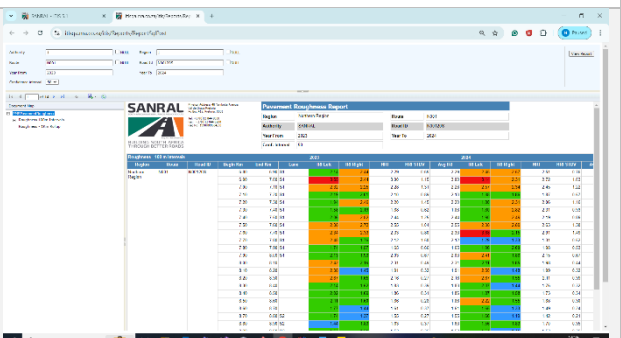
Report Name on ITIS	Parameters	Screenshot	Description
Inventory Other Features	Authorities Regions Routes Sections		Shows Features Report. Shows a table with the following columns: Start Distance, End Distance, Description, Direction, Position, Image.
Inventory Road Marking Length Summary (inc Shoulders/Lanes)	Authorities Regions Routes		Shows Inventory Road Markings Lengths Summary. Shows a table with the following columns: Shoulder Material, Road Marks, Lanes, Route Section, Start Km, End Km, Section Length, Start Description, End Description, Increasing, Decreasing, Total, Increasing, Decreasing, Total, ROAD ID, Gravel Slow, Paved Slow, Gravel Slow, Paved Slow, Shoulder Slow, No Overtake Left, No Crossing Left, Painted Island Left, No Overtake Median, No Crossing Median, Painted Island Median, No Overtake Right, No Crossing Right, Painted Island Right, No Overtake Left, No Crossing Left, Painted Island Left, No Overtake Median, No Crossing Median, Painted Island Median, No Overtake Right, No Crossing Right, Painted Island Right, Road Mark Dist, 1 Lane, 2 Lanes, 3 Lanes, 4 Lanes, 5 Lanes, 6 Lanes, 1 Lane, 2 Lanes, 3 Lanes, 4 Lanes, 5 Lanes, 6 Lanes, Lane Dist.
Inventory Road Markings	Authorities Regions Routes Sections		Shows Road Mark Report. Shows a table with the following column Start Distance, End Distance, Description, Image, Direction, Position.
Inventory Road Signs	Authorities Regions Routes User Sections		Shows Road Sign Report. Shows a table with the following columns: Distance, Sign Offset, Image, MUTCD, Sign Board Width, Sign Boards Height, Number of Supports, Height of Support, Support Type, Speed, Speed Heavy, Direction, Position

Report Name on ITIS	Parameters	Screenshot	Description
Kilometer Marker Locations	Authorities Regions Routes User Sections Year		Displays the Route, Road ID, KM Distance, DMS Longitude and DMS Latitude.
OSM Segments	Report Display – no selection of parameters		Shows OSM Segments. Shows a table with the following columns: Region, Route, Section Id, Direction, Begin Distance (km), End Distance (km), Begin Field Distance (km), End Field Distance (km), Funding, Managed By, Owner, Ownership Date, Toll Dec Date, Planning.
Land			
Land Asset Register Spatial (% Area Difference Surveyed vs GIS)	Include correct Areas Minimum Percentage Difference Section Code Land Location (LIKE) Land Register Status Spatial Linked Spatial Locked Include Properties Specified as Anomalies	Tbc.	

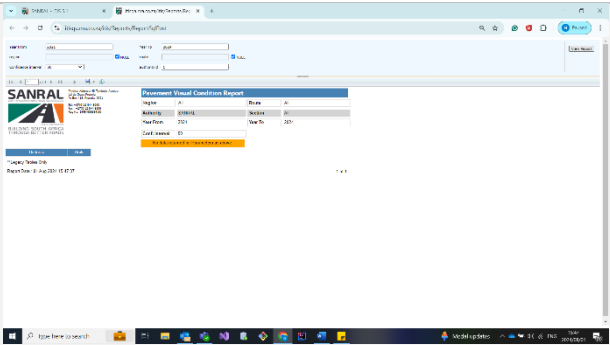
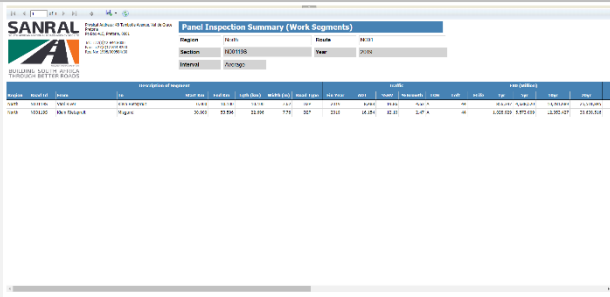
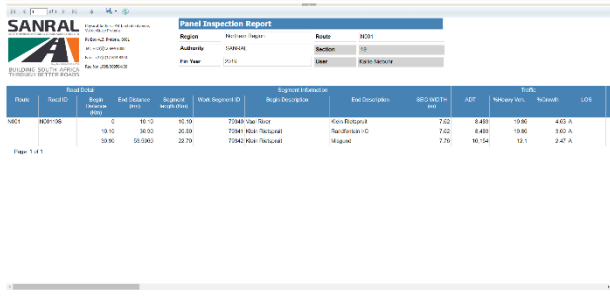
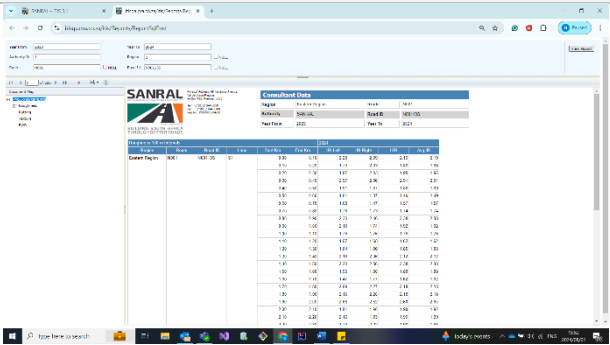
Report Name on ITIS	Parameters	Screenshot	Description
Land Register Property List	Status Section Code		Shows a table with the following columns: Register Number, File Reference Number, Status, New Status, Sub Status, Location Description, Portion Description, Land Area, Section Code, SG Diagram No, Surveyed, Diagram Status, Road Network, Region, Toll Type, Province, Road Usage, Attorney, Wayleave Start, Wayleave End, Acq. Plan No, Acq. Area, Method of Acquisition
Land Register Spatial Linking Progress (Nr of Properties per % Area Difference per Status)	Report Display – no selection of parameters	Tbc.	
Nr of Properties per Status	Report Display – no selection of parameters	Tbc.	
Property Status Change	Start Date (dd/mm/yyyy)		Shows a table with the following columns: RDS, Land Location, Land Description, New Status - PIMS (Current), New Sub Status - PIMS (Current), New Status Before Current New Status - PIMS (Current), New Status - PIMS (01/07/2024), New Sub Status - PIMS (01/07/2024), Status - ITIS (Current), Status - ITIS (01/07/2024), Status Before Current Status - ITIS (Current), Investment Status (Current), Investment Status (Previous), Changed By
Maintenance - Summaries			
Contracts Per Section Imported	Authority Region Route Road ID Validation Date		

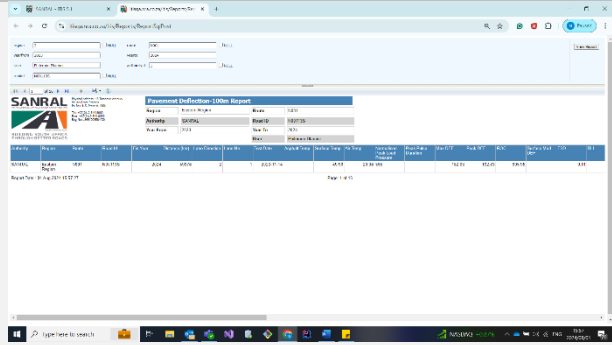
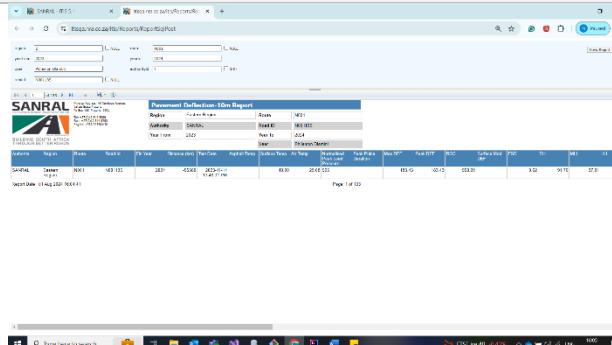
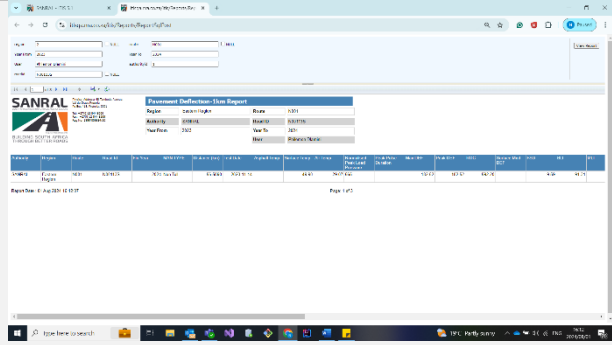
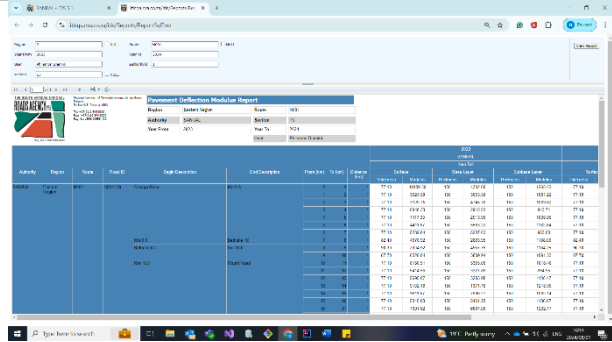
Report Name on ITIS	Parameters	Screenshot	Description
ITIS RRM Contract Details	Contract ID User ID		Shows Project Code, Ji No, Ji Descr, Issue Date, Vo Job, Measure Group, Cert No, Item Code, Item Description, Measure Date, Cpa Item, Qty, Line Rate, Amount Cpa, Amount Non Cpa, Line Amount
Pothole Summary & Pothole Detail Report - Damage Pothole List	Authority		Shows Pothole Summary and Detail Report. Shows a table with the following columns: Authority, Region, Number of Potholes Reported in last 24 hours, Number of Potholes Reported in 24-48 hours, Number of Potholes Reported in 48-72 hours, Number of Potholes Reported in 72-96 hours, Number of Potholes Reported in the Last 7 Days, Number of Potholes Reported in the Last 14 Days, Number of Potholes Reported in this calendar month, Number of Potholes Reported within Previous calendar month, Number of Potholes Reported (Total)
RRM Estimated QTY - MasterList 4	Project No Project Section End Date parameters		ML4 Item Code *, ML4 Item Description, ML4 UOM, Factor, Project Item Code *, Project Item Description, UOM, 24-36 months, 12-24 months, Last 12 months, 3 Year Total, Estimated QTY using 3 year Total ***, Estimated QTY using last 12months ***
RRM Estimated Quantities	Project No Project Section End Date parameters		Shows RRM Estimated Quantities. Shows a table with the following columns: Item Code, Item Description, UOM, 24-36 months, 12-24 months, Last 12 months, 3 Year Total, Estimated QTY using 3 year Total, Estimated QTY using last 12months
RRM Item Quantity Overview	Project No Certificate No		Shows RRM Item Quantity Overview, and the Item Code, Item Description, Unit - UOM, Tendered, Qty, Previous Certific., Qty Current, Certific. Qty, Total Qty, Item, Rate, Amount, Previous Certific., Estimated Qty, Current Certific. Estimated, Qty, Total, Estimated, Qty, Estimated, Rate, Estimated, Amount

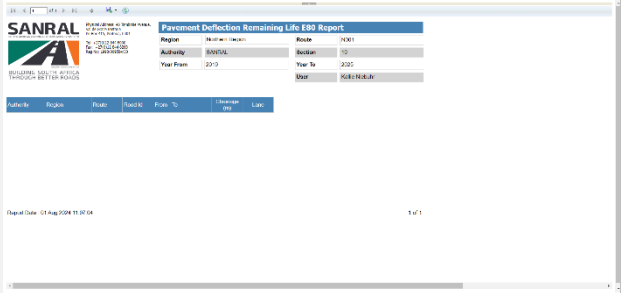
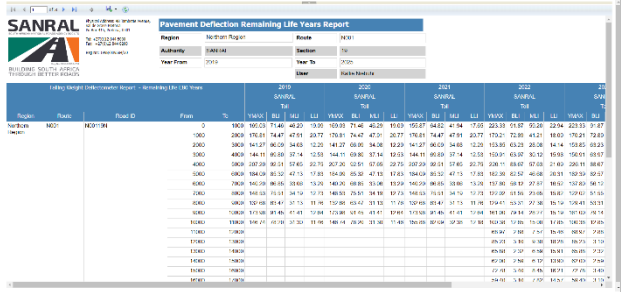
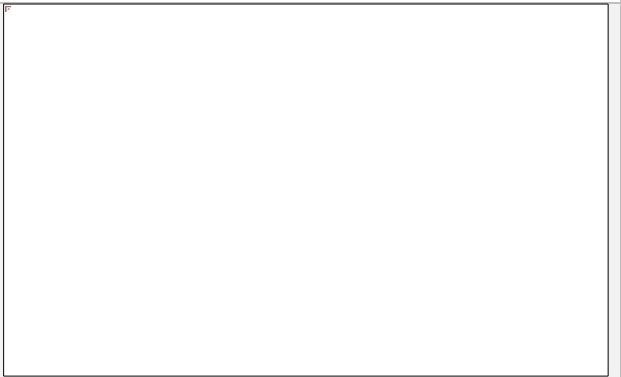
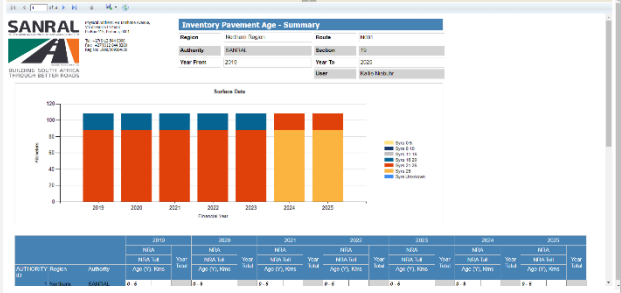
Report Name on ITIS	Parameters	Screenshot	Description
			Project End Date, Project Number, Municipality, Itis Project Start Date, Itis Project End Date, Project Number, Municipality, Itis Project Start Date, Itis Project End Date, Project Number, Municipality, Itis Project, Start Date, Itis Project End Date, Project Number, Municipality, Itis Project Start Date, Itis Project End Date, Project Number, Municipality, Itis Project, Start Date, ITIS Project End Date
RRM Projects Cost per KM	Fin Year Road ID Project No		Shows the RRM Projects Cost per Km, and Project No, Road ID, Route Section, Start Km, End Km, Expenditure per Km, M1100, M1200, M1210, M1220, M1230, M1300, M1310, M1320, M1400, M1500, M1600, M1700
Sections No Contracts	Authority Region Route Road ID User Validation Date (yyyy-mm-dd)		Shows Road Section with No Contract. Shows the Project Segments with Expired Contracts before 2024-08-01 table with the following columns: Route, Road ID, Start (km), End (km), Project No, Contract Code, Start Date, End Date
Maintenance - Potholes			
Pothole Details & Photos	Damage ID		
Pothole Summary & Pothole Detail Report	None		

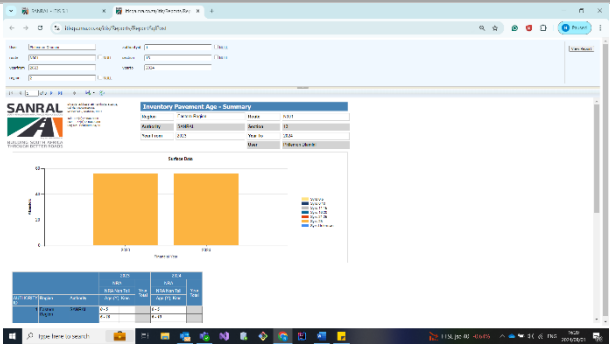
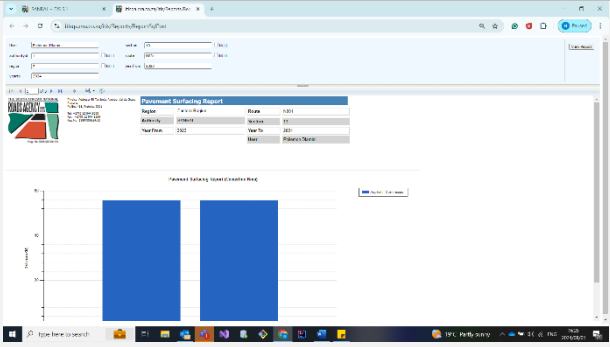
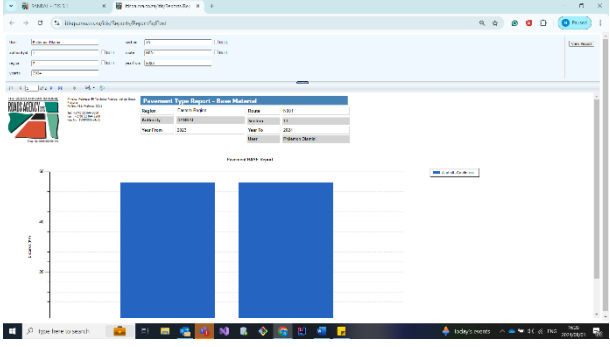
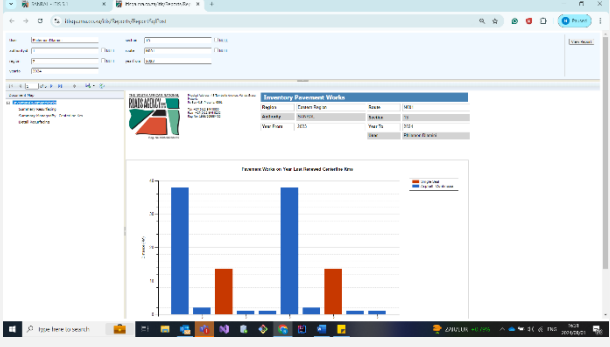
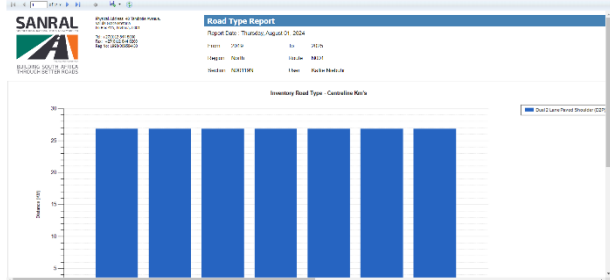
Report Name on ITIS	Parameters	Screenshot	Description
Time to Repair Pothole	No parameters		Authority, Region, 1 Day, 2 Days, 3 Days, 4 Days, 5 Days, 6 Days, 7 Days, 8 Days, 9 Days, 10 Days, 11 Days, 12 Days, 13 Days, 14 Days, 15 Days, 16 Days, 17 Days, 18 Days, 19 Days, 20 Days, 21 Days, 22 Days, 23 Days, 24 Days, 25 Days, 26 Days, 27 Days, 28 Days, 29 Days, 30 Days, 31 Days, 2 Months, 3 Months, 4 Months, 5 Months, 6 Months, 7 Months, 8 Months, 9 Months, 10 Months, 11 Months, 12 Months, Greater than 1 Year, Total Potholes Reported, Total Potholes Repaired, Total Potholes not yet Repaired, Average time from reporting to repair of pothole (hours)
Pavement - Condition			
Overall Condition Index	Authority ID Route Year From Region Section Year To		Region, Route, Road, Begin & End Desc, Begin Dist. (Km), End Dist. (Km), 2023, IRI, RUT, OCI, OCI Range, SSI, Texture, Lane, IRI Left Avg, RUT Left Avg, MPD Left Avg
Performance Exposure	Region Route Road Id Year From Year To		Shows Performance Exposure. Shows a table with the following columns: Road Segments, Road Segment Detail, Lane, Count, Short, Trucks, Medium Trucks, Long Trucks, Cargo, ADT, Min Cond., Date, Max Cond. Date, Condition, Point Count, Min Bridge, Date, Max Bridge, Date, Bridge, Count, BCE, Structure, OCI, THE, LRE, STE, BCE, Travel, THE, Travel, LRE, Travel, STE, Travel, Total Travel, Bridge, Total
Roughness	Authority Region Route Road Id Year From Year To Confidence interval		Shows Pavement Roughness Report. Shows a table with the following columns: Region, Route, Road Id, Begin Km, End Km, Lane, IRI Left, IRI Right, HRI, HRI STDV, Avg IRI, IRI Left, IRI Right, HRI, HRI STDV, Avg IRI.

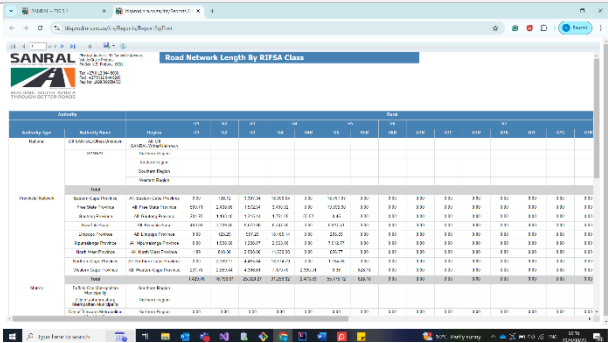
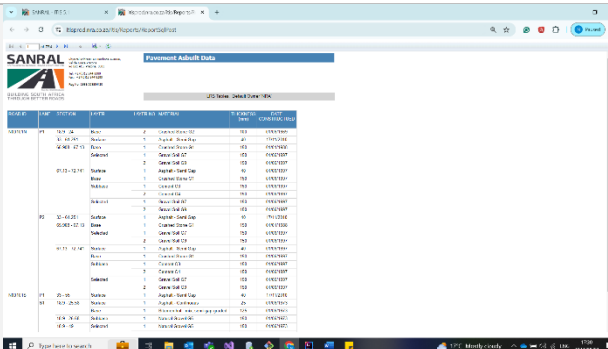
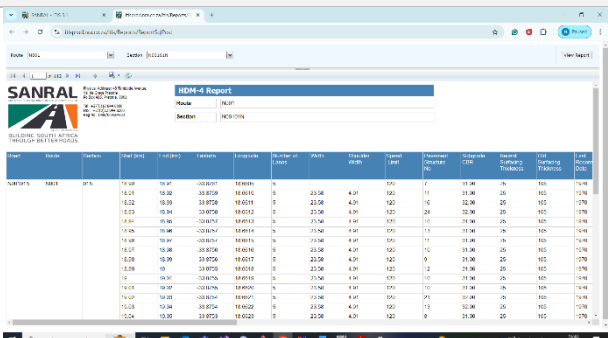
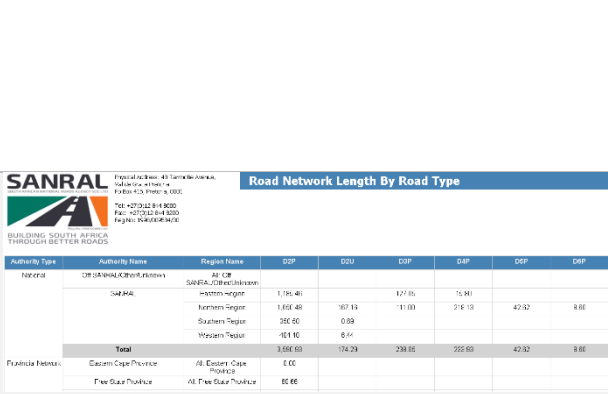
Report Name on ITIS	Parameters	Screenshot	Description
Rut Depth	Authority ID Route Year From Region Road Id Year To		Rutting - 10 m Intervals, 2024, Region, Route, Road ID, Start Km, End Km, LANE CODE, RUT Left AVG, RUT Right AVG, RUT Left STDV, RUT Right STDV, Gradient (%), Crossfall (%)
Surface Friction	Authority Id Region Route Section Year From Year To Confidence interval		Shows Pavement Friction Report.
Survey Length Summary	Year From Year To		Shows Road Survey Summary Report. Shows a table with the following columns: Route, Section, Section Length, deflection Survey Length, Deflection Last Survey, Condition Survey Length, Condition Last Survey, Video Survey Length, Video Last Survey
Texture	Year From Year To Route User Authority Region Road Id Confidence interval		Shows Pavement Texture Report. Shows a table with the following columns: Region, Route, Road ID, Start Km, End Km, Lane, Left, Right, Center, St Dev Left, St Dev Right, St Dev Center
Traffic Distribution Yearly	Year From Year To Region Route User Authority Id		Shows Pavement Traffic Distribution Report. Shows the Annual Average Daily Traffic Trend Graph.

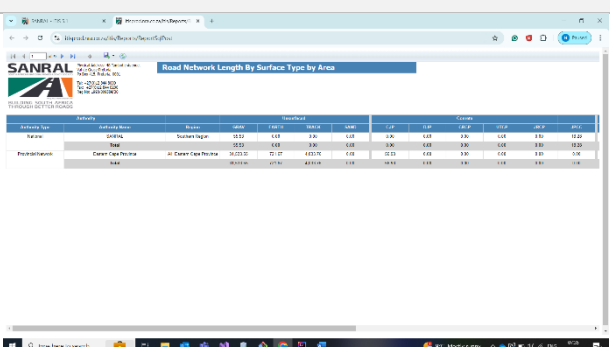
Report Name on ITIS	Parameters	Screenshot	Description
	Section Confidence interval		
Visual Condition	Year From Year To Region Route Confidence interval Authority Id		Shows Pavement Visual Condition Report.
Pavement – Panel Inspection			
Panel Inspection	Region Route Section Year Interval		Displays the Panel Inspection Summary (Work Segments). The report includes the following details: Region, Road ID, From, To, Description of Segment, Traffic, E80 (Million), and Pavement Condition.
Panel Inspection - Detail	Region Route Authority Section Fin Year User		Displays the Panel Inspection Report. The report includes the following details: Road Detail, Segment Information, Traffic, E80 (Million), (HDM Data) Percentile Pavement Condition for Fin Year 2019, % Change From Previous Test Date, Deflection, Last Maintenance, AMS Maintenance Strategy, Panel Rating
Pavement – Condition (section)			
Consultant Data	Year From Year To Authority Id Region Route Road Id		Shows Consultant Data. Shows a table with the following columns: Region, Route, Road ID, Lane, Start Km, End Km, IRI Left, IRI Right, HRI, Avg IRI.

Report Name on ITIS	Parameters	Screenshot	Description
Deflection 100m intervals	Region Route Year From Year To User Authority Id Road Id		Shows Pavement Deflection-100m Report. Shows a table with the following columns: Authority, Region, Route, Road Id, Fin Year, Distance (km), Lane Direction, Lane No, Test Date, Asphalt Temp, Surface Temp, Air Temp, Normalised Peak Load Pressure, Peak Pulse Duration, Max DEF, Peak DEF, ROC, Surface Mod DEF, FSD, BLI, MLI, LLI, Normalised DEF 0, Normalised DEF 200, Normalised DEF 300, Normalised DEF 400, Normalised DEF 450, Normalised DEF 500, Normalised DEF 600, Normalised DEF 750, Normalised DEF 900, Normalised DEF 1200, Normalised DEF 1500, Normalised DEF 1800
Deflection 10m intervals	Region Route Year From Year To User Authority Id Road Id		Shows Pavement Deflection-10m Report. Shows the table eith the following columns: Authority, Region, Route, Road Id, Fin Year, Distance (km), Test Date, Asphalt Temp, Surface Temp, Air Temp, Normalised Peak Load Pressure, Peak Pulse Duration, Max DEF, Peak DEF, ROC, Surface Mod DEF, FSD, BLI, MLI, LLI, Normalised DEF 0, Normalised DEF 200, Normalised DEF 300, Normalised DEF 400, Normalised DEF 450, Normalised DEF 500, Normalised DEF 600, Normalised DEF 750, Normalised DEF 900, Normalised DEF 1200, Normalised DEF 1500, Normalised DEF 1800
Deflection 1km intervals	Region Region Route Authority Road ID Year From Year To User		Displays the Pavement Deflection-1km Report. The report includes the following details: Authority, Region, Route, Road Id, Fin Year, MAN TYPE, Distance (km), Test Date, Asphalt Temp, Surface Temp, Air Temp, Normalised Peak Load Pressure, Peak Pulse Duration, Max DEF, Peak DEFROC, Surface Mod DEF, FSD, BLI, MLI, LLI, Normalised DEF 0, Normalised DEF 200, Normalised DEF 300, Normalised DEF 400, Normalised DEF 450, Normalised DEF 500, Normalised DEF 600, Normalised DEF 750, Normalised DEF 900, Normalised DEF 1200, Normalised DEF 1500, Normalised DEF 1800
Deflection Mod	Region Route Year From Year To User Authority Id Section		Shows Pavement Deflection Modulus Report. Shows the table with the following columns: Authority, Region, Route, Road ID, Begin, Description, End Description, From (km), To (km), Distance (km)

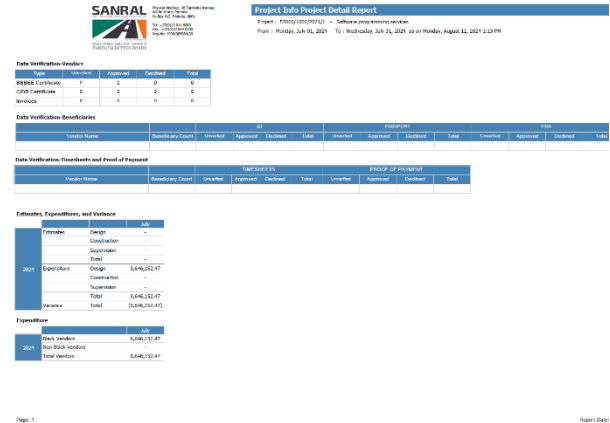
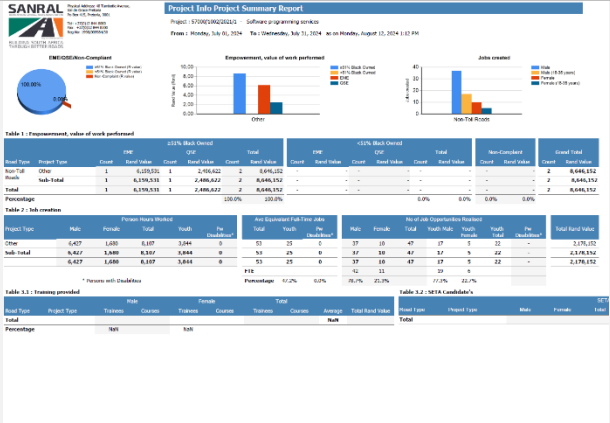
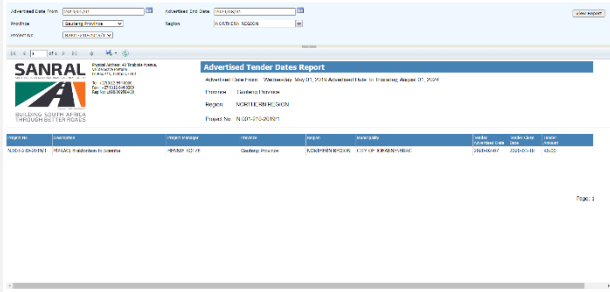
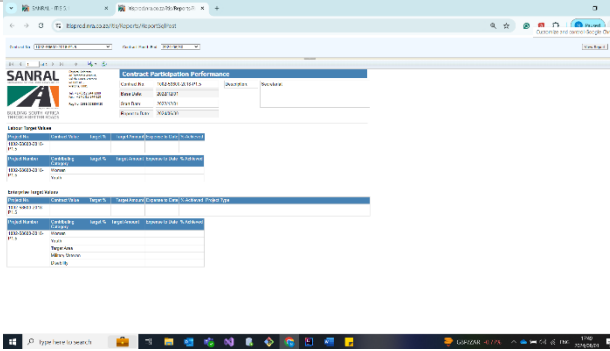
Report Name on ITIS	Parameters	Screenshot	Description
Deflection Remaining Life E80	Region: Route Authority Section Year From Year To User		Displays the Pavement Deflection Remaining Life E80 Report. With NO DATA on the following parameters: Authority ,Region ,Route, Road Id, From – To, Chainage (m), Lane
Deflection Remaining Life Year	Region Route Authority Section Year From Year To User Region Route Authority Section Year From Year To User		Displays the Pavement Deflection Remaining Life Years Report. With the following details on the report: Falling Weight Deflectometer Report - Remaining Life E80 Years, 2019, 2020, 2021, 2022, 2023, 2024, 2025, SANRAL, SANRAL, SANRAL, SANRAL, SANRAL, SANRAL, SANRAL, SANRAL, SANRAL, Toll, Toll, Toll, Toll, Toll, Toll, Toll
Panel Photos	Region Route Authority Section User		Displays the Pavement Panel Photos Report. With the following details on the report: Northern Region
Pavement - Inventory			
Pavement Age	Region Route Authority Section Year From Year To User		Displays the Inventory Pavement Age – Summary. With the following details on: Surface data bar graph, AUTHORITY ID, Region, Authority, Year, NRA Toll, NRA, Age (Y), Kms, Year Total

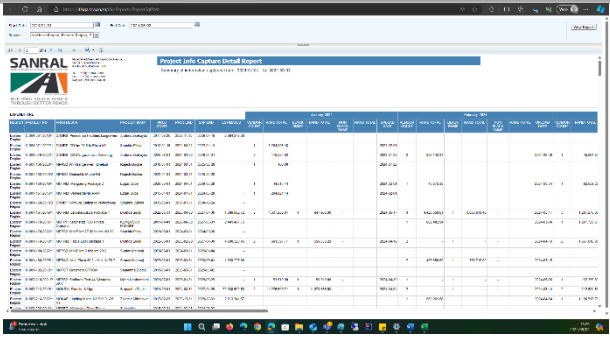
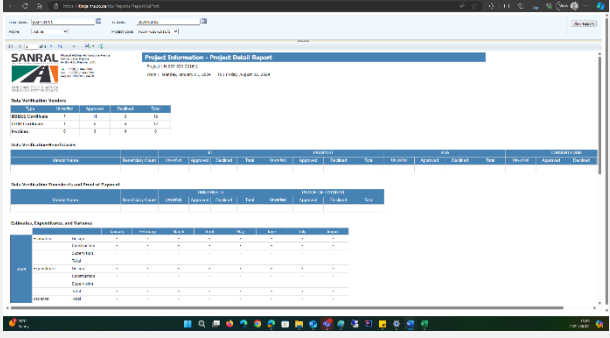
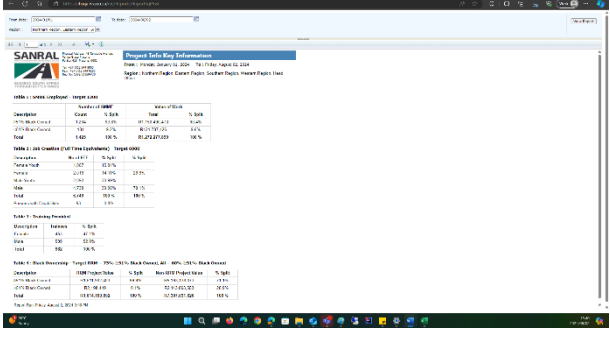
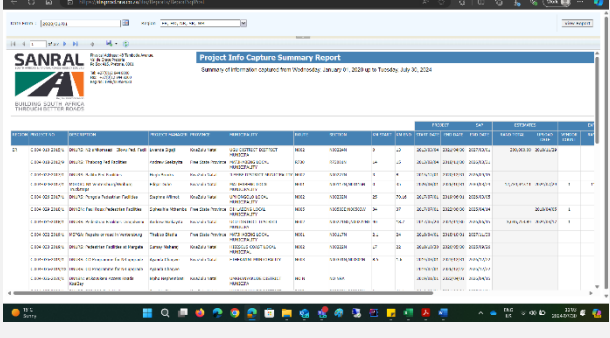
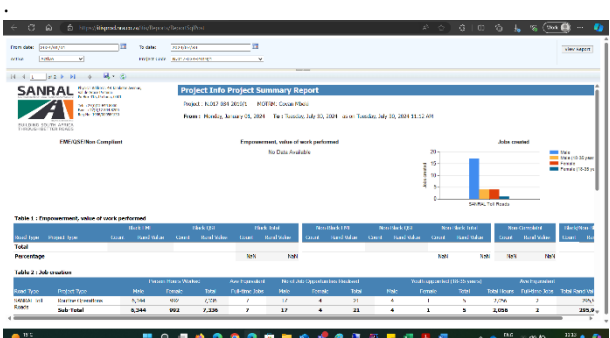
Report Name on ITIS	Parameters	Screenshot	Description
Pavement Age Detail	User Authority Id Route Section Year From Year To Region		Shows Inventory Pavement Age – Summary. Shows the Surface Data graph. Shows a table with the following columns: UTHORITY ID, Region, Authority. Shows the Base Data graph.
Pavement Surfacing	User Section Authority Id Route Region Year From Year To		Shows Pavement Surfacing Report. Shows the Pavement Surfacing Report (Centreline Kms) graph.
Pavement Type	User Section Authority Id Route Region Year From Year To		Shows Pavement Type Report - Base Material. Shows the Pavement BASE Report graph.
Pavement Works	User Section Authority Id Route Region Year From Year To		Shows Inventory Pavement Works. Shows the Pavement works on Year Last Renewed Centerline Kms graph.
Road Type	Report Date From To Region Route Section		Displays the Road Type Report. With the following details on the report: Inventory Road Type - Centreline Km's Bar graph, Road Type, Year, NRA , NRA Toll

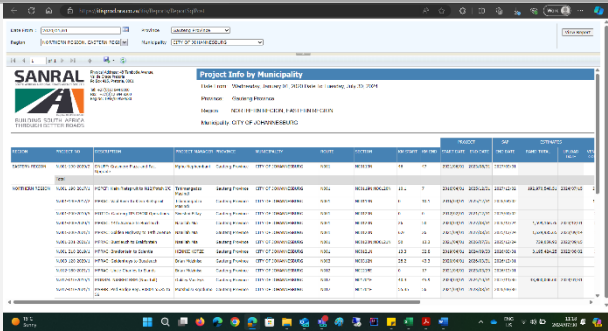
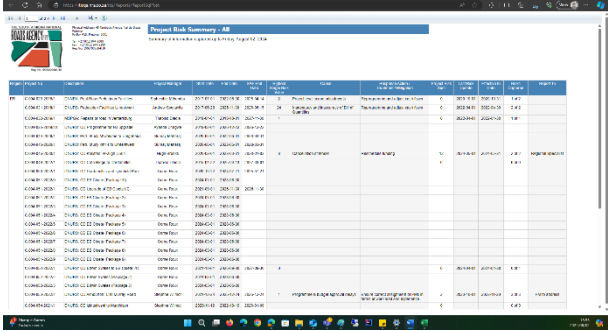
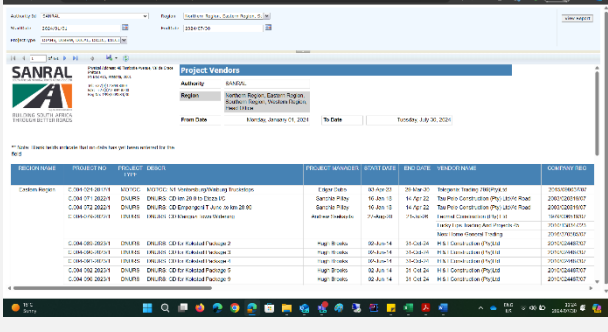
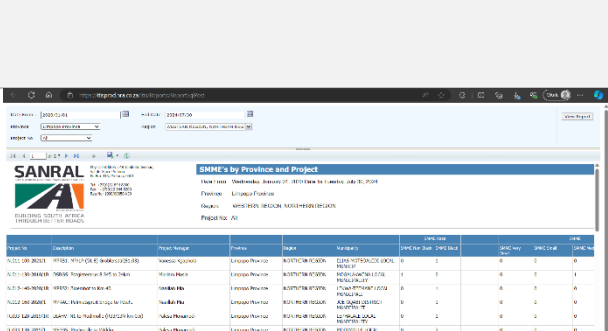
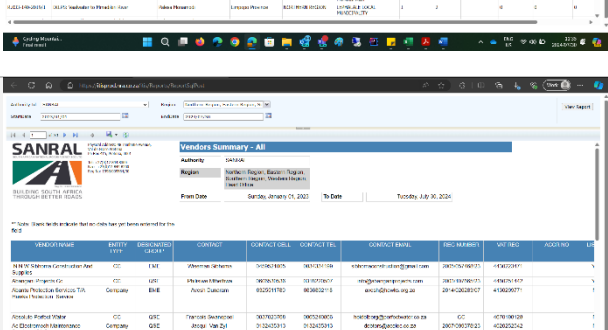
Report Name on ITIS	Parameters	Screenshot	Description
	User		
Pavement - Other			
Road Network Length by RIFSA Class	No Parameters		Authority, Rural, Urban, R1, R2, R3, R4, R5, R6, R7, U1, U2, U3, U4, U5, U6, Authority Type, Authority Name, Region, R1, R2, R3, R4, R4B, R5, R5B, R6B, R7B, R7C, R7D, R7E, R7F, R7G, R7H, U1, U2, U3, U4A, U4B, U5A, U5B, U6A, U6B
Asbuilt Summary	The report just load, no parameters to select		Shows Pavement Asbuilt Data. Shows a table with the following columns: ROAD ID, LANE, SECTION, LAYER, LAYER NO, MATERIAL, THICKNESS (mm), DATE CONSTRUCTED
HDM-4	Route Section		Shows HDM-4 Report. Shows a table with the following columns: Road, Route, Section, Start (km), End (km), Latitude, Longitude, Number of Lanes, Width, Shoulder, Width, Speed, Limit, Pavement Structure No, Subgrade, CBR, Recent, Surfacing, Thickness, Old, Surfacing Thickness, Last Reconstruction Date, Last Overlay, Date, Last Resurfacing Date, Last Preventative Treatment Date, Condition, Date, Structural Cracks %, Wide, Cracks %, Thermal, Cracks, Raveled, Area, IRI, Rut, Depth, Texture, Depth (mm), Skid Resistance, AADT, AADT, Class 1, AADT, Class 2, AADT, Class 3, AADT, Class 4, Traffic Flow Pattern
Road Network Length by Road Type	No Parameters		Authority Type, Authority Name, Region Name, D2P, D2U, D3P, D4P, D5P, D6P, N2P, N2U, S2N, S2P, S2U, S3P

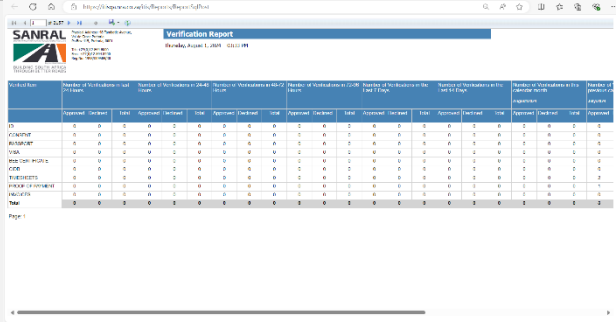
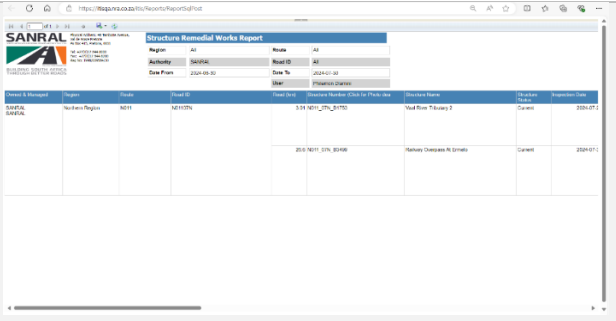
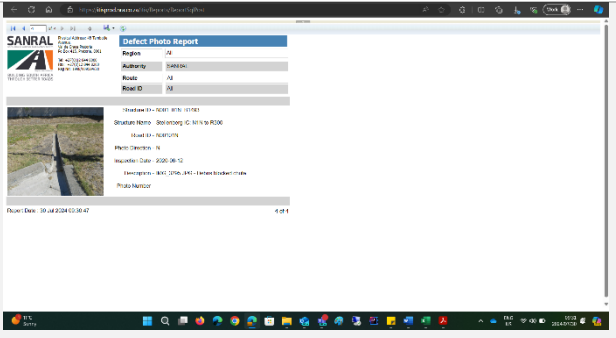
Report Name on ITIS	Parameters	Screenshot	Description
Road Network Length by Road Type by Area	No Parameters		Authority Type, Authority Name, Region Name, D2P, D2U, D3P, D4P, D5P, D6P, N2P, N2U, S2N, S2P, S2U, S3P
Road Network Length by Surface Class	No Parameters		Authority Type, Authority Name, Region, Paved Km, Unpaved Km
Road Network Length by Surface Class by Area	No Parameters		Authority Type, Authority Name, Region, Paved Km, Unpaved Km
Road Network Length by Surface Type	None		Displays the Authority and region total lengths (km) by Surface Type.
Road Network Length by Surface Type by Area	No parameters		Authority, Unsurfaced, Concrete, Flexible, Block Paving, Authority Type, Authority Name, Region, GRAV, EARTH, TRACK, SAND, CJP, DJP, CRCP, UTPC, JRCP, JPCC, FLEX, BLOC

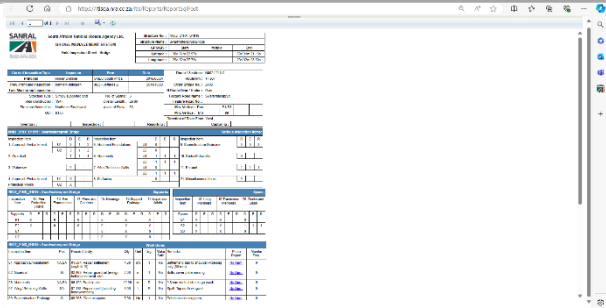
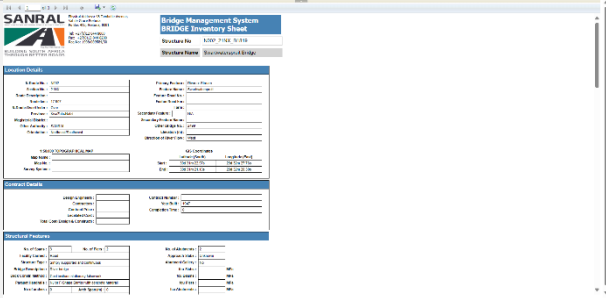
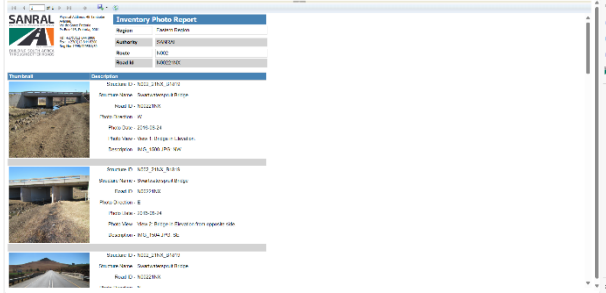


Report Name on ITIS	Parameters	Screenshot	Description
Structure OCI	Region Owned by Managed by Structure Type: BR, BA, BL, BC, CL, CM, CU, OT, RW, SG		Displays the Structure OCI Report. With the following details on the report : Province, Owned by, Managed by, Region, Route Section, Distance(km), Structure Number, Structure Name Structure Type, Structure Status ,Year Constructed, Structure Age Last Insp Date, OCI, Length, Width, Highest Pier
Project - Base Year			
CPA Data	Year		Shows Year, Month, Labour, Eastern Cape Province, Free State Province, Gauteng Province, KwaZulu Natal Province, Limpopo Province, Mpumalanga Province, North West Province, Northern Cape Province, Western Cape Province, CPA: Plant & Equipment, Reseal Road, Refurbishment Road, General Roads, Structures, Concrete Works, Civil Engineering, CPIX, Roads and E/Works, Diesel fuel wholesale – Coastal, Diesel fuel wholesale – Inland, Diesel fuel wholesale – Total,
Project - Contract			
CPA Data	Year		Shows CPA Report. Shows a table with the following columns: Province, Plant & Equipment, Reseal Road, Refurbishment Road, General Roads, Structures, Concrete Works, Civil Engineering, CPIX, Roads and E/Works, Diesel fuel wholesale – Coastal, Diesel fuel wholesale – Inland, Diesel fuel wholesale – Total
Project - Project Info			
Risk Detail	Project Number Project Description Project Risk Date Report Create Date		Version, Risk Description, Effect, Response Strategy, Risk Matrix and Level of Reporting



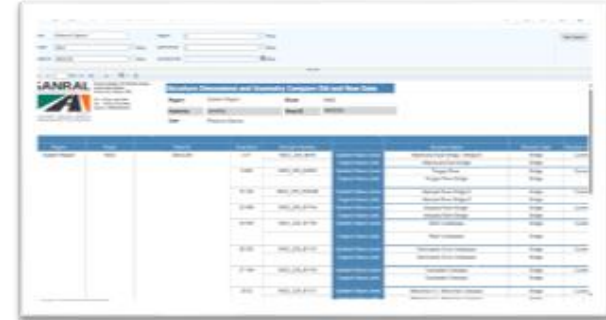
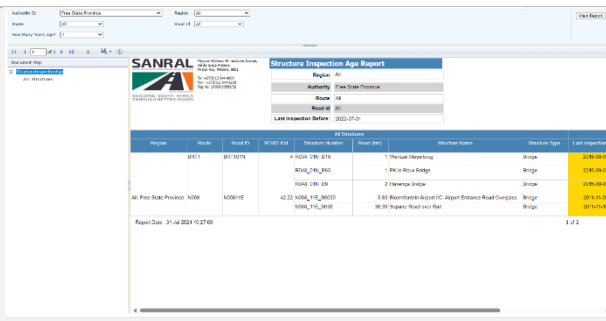
Report Name on ITIS	Parameters	Screenshot	Description
Desktop	From date To date Active Project Id		Shows project data
			
Project - Summaries			
Advertised Tender Dates Report	Advertised Date From Advertised End Date Province Region Project No		Displays the Advertised Tender Dates Report. With the following details on the report: Project No, Description, Project Manager Province, Region, Municipality, Tender Advertised Date Tender Close Date, Tender, Amount
Contract Participation Goals and Performance	Contract No. Contract Month End		Shows Contract Participation Performance. Shows the Labour Target Values. Shows Enterprise Target Values.


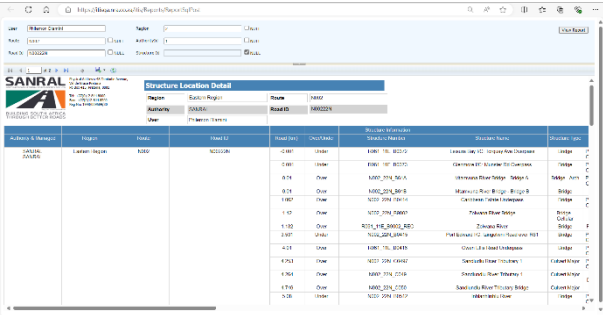
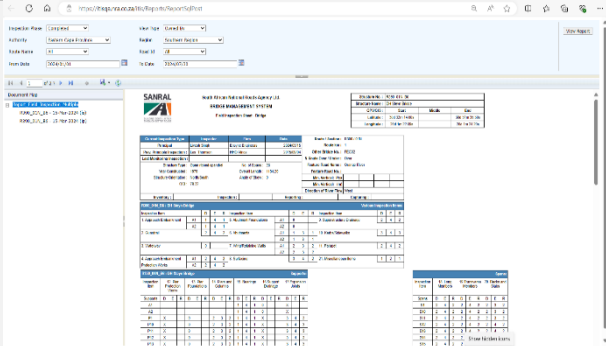
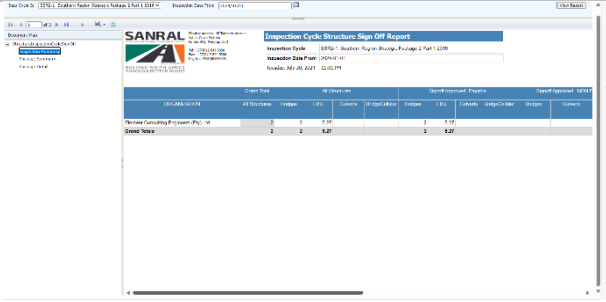
Report Name on ITIS	Parameters	Screenshot	Description
Project Info Detail - All	From date To date Region		Shows the Project Info Capture Detail Report, and Expenditure table
Project Info Detail - Project	From date To date Active Project Code		Shows the Project Information - Project Detail Report, and the Data Verification- Vendors, Data Verification-Beneficiaries, Data Verification-Timesheets and Proof of Payment, Estimates, Expenditures, and Variance, Expenditure, Empowerment (Design, Construction and Supervision), Job Creation tables
Project Info Key Information	From date To date Region		Shows the Project Info Key Information, and the SMME Employed - Target 1200, Job Creation (Full Time Equivalents) - Target 6000, Training Provided, Black Ownership - Target RRM = 75% ≥51% Black Owned, All = 60% ≥51% Black Owned
Project Info Summary - All	From date Region		Shows the Project Info Capture Summary Report. On the report there's Region, Project No, DESCRIPTION, Project Manager, Province, Municipality, Rout, Section, KM Start, KM End, Project (Start Date, End Date), SAP (End Date), Estimates (Rand Total, Upload Date), Expenditure (Vendor, Rand Total, Upload Date), Employment (Emp. Count, Rand Total, Upload Date), Training (Courses, Rand Total, Upload Date)
Project Info Summary - Project	From date To date Active Project Code		Shows the following table, Empowerment, value of work performed, Job creation, Training provided, Vendor Employment with CIDB Gratings, Equity - Black Owned

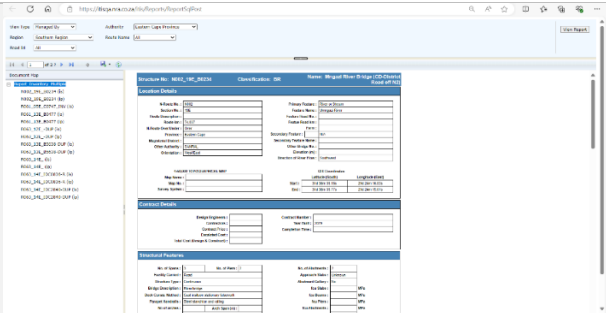
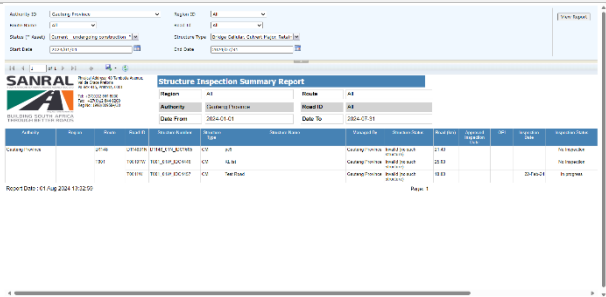
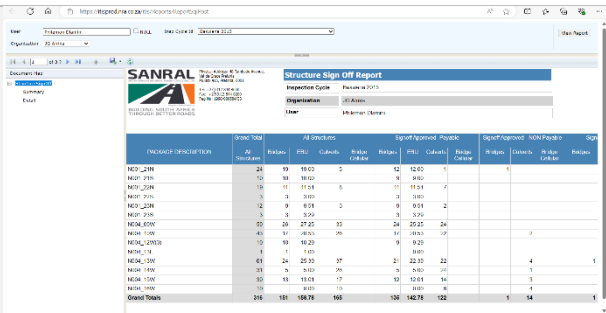
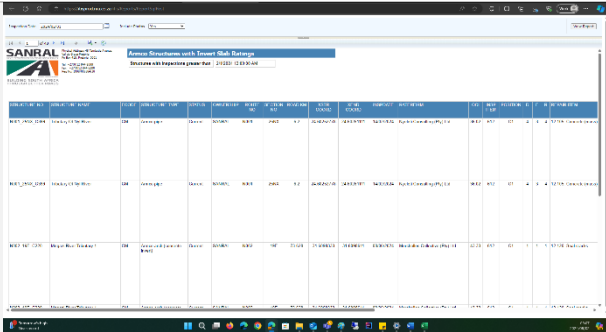
Report Name on ITIS	Parameters	Screenshot	Description
Project Info per Municipality	From date Province Region Municipality		Shows the Project Info Capture Summary Report. On the report there's Region, Project No, DESCRIPTION, Project Manager, Province, Municipality, Rout, Section, KM Start, KM End, Project (Start Date, End Date), SAP (End Date), Estimates (Rand Total, Upload Date), Expenditure (Vendor, Rand Total, Upload Date), Employment (Emp. Count, Rand Total, Upload Date), Training (Courses, Rand Total, Upload Date)
Project Risk Capture Report			Shows the Project Risk Summary – All, and the Region, Project No, Description, Project Manager, Start Date, End Date, SAP End Date, Highest Single Risk Value, Cause, Response Action / Treatment / Mitigation, Project Risk Sum, Last Risk Update, Effective to Date, Risks Captured, Report To
Project Vendors	Authority Id Region Start Date End Date Project Type		Shows the Project Vendors info, with the following columns, Region Name, Project No, Project Type, DESCR, Project Manager, Start Date, End Date, Vendor Name, Company Reg, Contact, Contact Cell, Contact Tel, Vat Reg, Accr No, Scorecard Type, Bbee Status, Bbee Certificate No, Bbee Certificate Expiry, Bbee Affidavit, Bbee Affidavit Date, Cidb Grading, Cidb Level, Cidb Grading Expiry, Is Black Ent, Black Male %, Black Female %, Black Youth %, Non-Black Male %, Non-Black Female %, Non-Black Youth %, Category, Training, Total
SMME's per Province and Project	From date To date Province Region Project No		Shows the SMME's by Province and Project report with a table
Vendors Summary - All	Authority Id Region Start Date End Date		Shows the Vendors Summary for all Regions

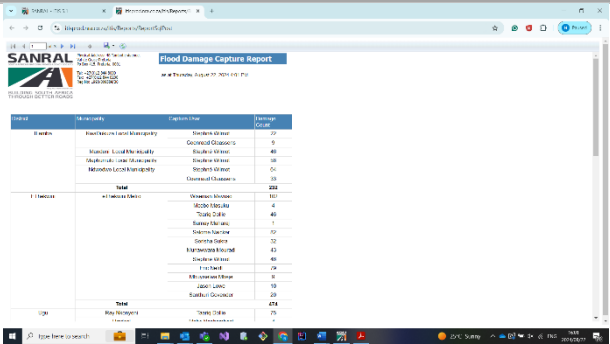
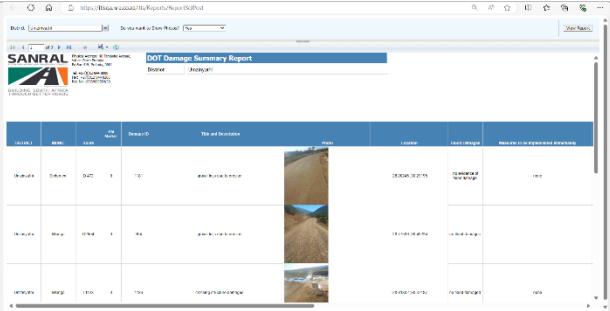
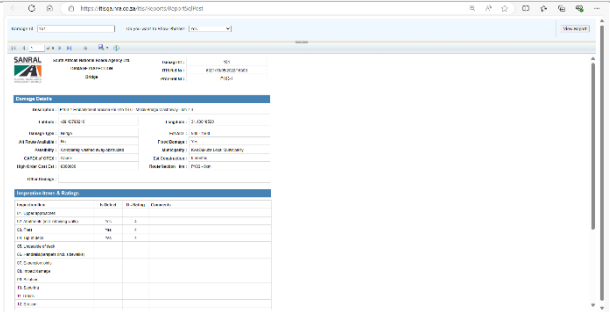
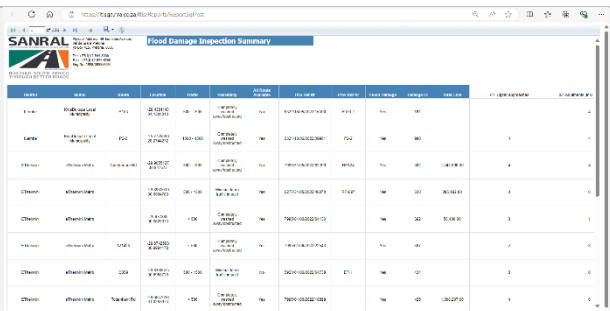
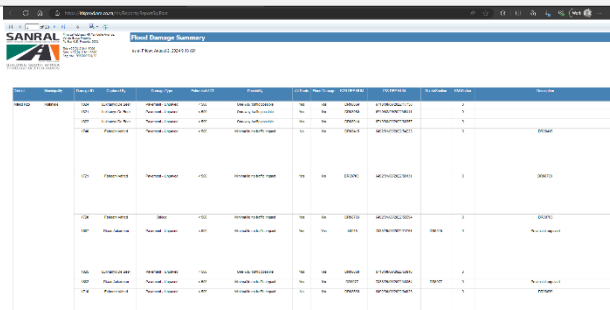
Report Name on ITIS	Parameters	Screenshot	Description
Project - Data Verification			
PIM Data Verification Progress	No parameters		Shows Verified Item, Number of Verifications in last 24 Hours: Approved, Declined, Total, Number of Verifications in 24-48 Hours: Approved, Declined, Total, Number of Verifications in 48-72 Hours: Approved, Declined, Total, Number of Verifications in 72-96 Hours: Approved, Declined, Total, Number of Verifications in the Last 7 Days: Approved, Declined, Total, Number of Verifications in the Last 14 Days: Approved, Declined, Total, Number of Verifications in this calendar month August 2024: Approved, Declined, Total, Number of Verifications within previous calendar month: Approved, Declined, Total, Number of Verifications Recorded (Total): Total to be Verified, Approved, Approved %, Declined, Declined %, Total Verified, Total Verified %
Structure - Summaries			
Structure Remedial works	Start Date, End Date, User, Region, Route, Authority ID, Road ID		Shows Owned & Managed, Region, Route, Road ID, Road (km), Structure Nr, Structure name, Structure Status, Inspection Date, Inspector, OCI, Inspection Item Description, Activity, POS Description, POS ref, Degree, Extent, Relevancy, Urgency Description, Work Remarks, Adjusted Urgency, Make Safe, Monitor Frequency
Structure - Summaries (Structure)			
Defect Photo Report	Structure ID, Base path, Authority, Region, Route, Inspection Date, Road ID		Show the Defect Photos for the structures selected

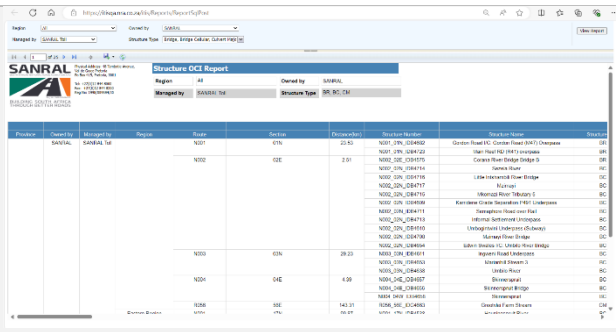
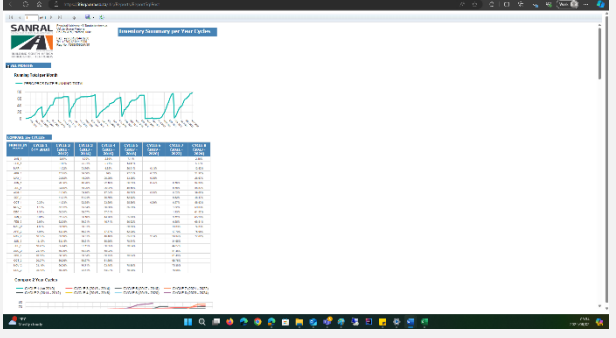
Report Name on ITIS	Parameters	Screenshot	Description
Field Inspection	Structure Id, Inspection Date		Shows Current Inspection type, Inspector, Firm, Date, Various Inspection Items, Supports, Spans, Work Done, Comments
Inventory Detail	Structure Id		Shows Location Details, Contract Details, Structural Features, Deck Cross sections, Bearings, Expansion Joints, Piers, Abutments, Wing/Retaining Walls, Embankment Protection, Arches, Design Characteristics, Hydraulic Data, Drainage, Dimension, Geometry and Road Clearances, Services, Road type, Traffic Volumes and Surfacing, Archive Details, Maintenance History, Widening, Strengthening and Retrofitting, Additional Remarks, Factors Influencing Filed Inspections
Inventory Photo Report	Structure ID, Authority, Region, Route, Road ID, Ins Date		Shows Thumbnail, Description: Structure ID, Structure name, Road ID, Photo Direction, Photo Date, Photo View, Description
Structure No Photo Report	User, Authority, Region, Route, Structure Number, Inspection Date, Road ID		Shows Structure Number, Structure Name, Other Number
Structures with Big Photos -Defect	Structure ID, Authority, Region, Route, Inspection Date, Road ID		Shows Thumbnail, Photo Direction, Consultant Description, Photo Number, Repair Activity, Remarks, report Date

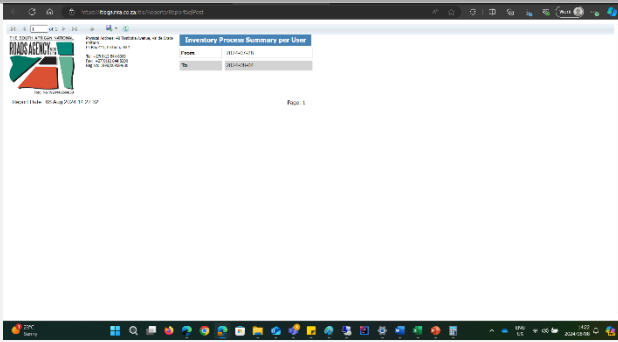
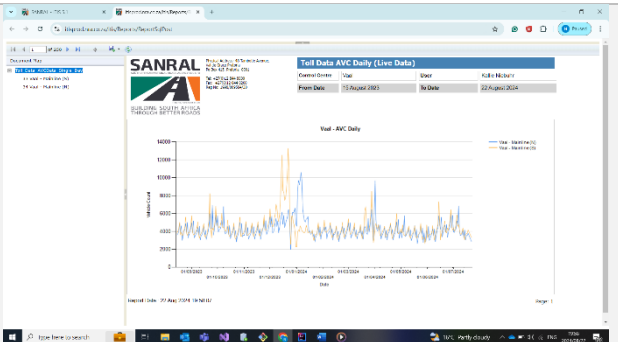
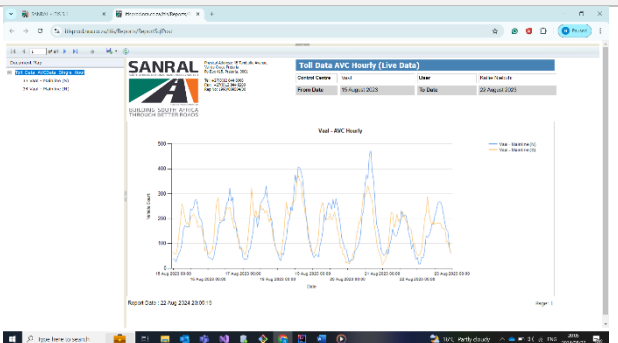
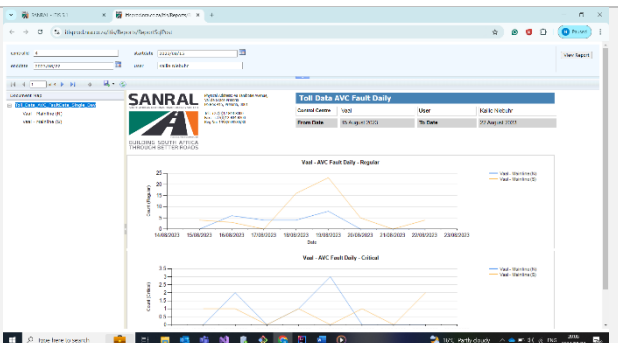
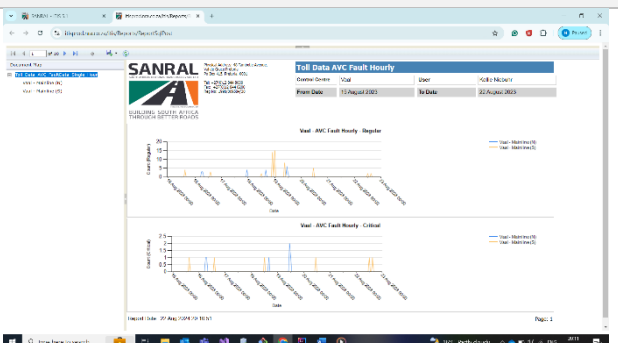
Report Name on ITIS	Parameters	Screenshot	Description
Structures with Big Photos - Inventory	Structure ID, Authority, Region, Route, Inspection Date, Road ID		Shows Thumbnail, Photo Direction, Consultant Description, Photo Number, Repair Activity, Remarks, report Date
Structures – Structures (Locations)			
Structure Dimensions	User Route Road ID Region Authority ID Structure ID		Shows Region, Route, Road ID, Road (km), Structure Number, Structure Name, Structure type, Structure Status, Overall Length(m), Overall Width(m), Carriageway Type, Traffic Direction, Roadway Width, Orientation, Approach, Min Horizontal Clearance, Min Vertical Alignment, Min Horizontal Alignment, Camber/Crossfall, Angel of Skew, Vertical Clearance 1, Clearance 1, Location 1, Description 1, Vertical Clearance 2, Clearance 2, Location 2, Description 2, Vertical Clearance 3, Clearance 3, Location 3, Description 3, Vertical Clearance 4, Clearance 4, Location 4, Description 4, Vertical Clearance 5, Clearance 5, Location 5, Description 5, Vertical Clearance 6, Clearance 6, Location 6, Description 6, Vertical Clearance 7, Clearance 7, Location 7, Description 7, Vertical Clearance 8, Clearance 8, Location 8, Description 8,
Structure Dimensions – Compare Current to history	User Route Road ID Region Authority ID Structure ID		Shows Region, Route, Road ID, Road (km), Structure Number, Structure Name, Structure type, Structure Status, Overall Length(m), Overall Width(m), Carriageway Type, Traffic Direction, Roadway Width, Orientation, Approach, Min Horizontal Clearance, Min Vertical Alignment, Min Horizontal Alignment, Camber/Crossfall, Angel of Skew, Vertical Clearance 1, Clearance 1, Location 1, Description 1, Vertical Clearance 2, Clearance 2, Location 2, Description 2,
Structure Inspection Age	Authority ID Region Route Road ID How many years ago		Shows Region, Route, Road ID, Road km, All Structures: Structure Number, Road (km), Structure Name, Structure Type, Last Inspection Date, Structure Status, Owned, ManagedBy

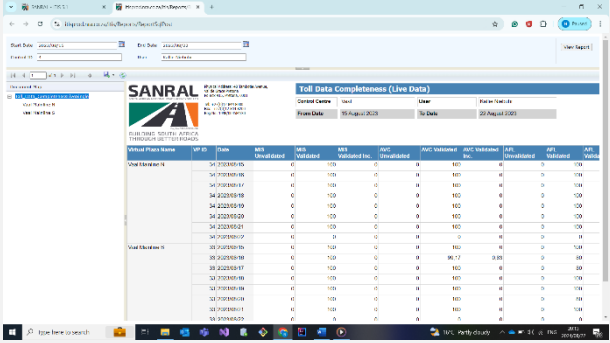
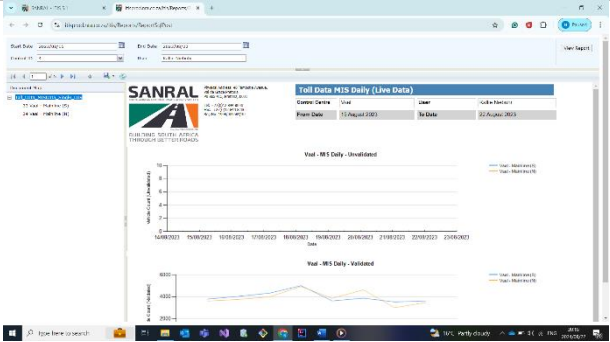
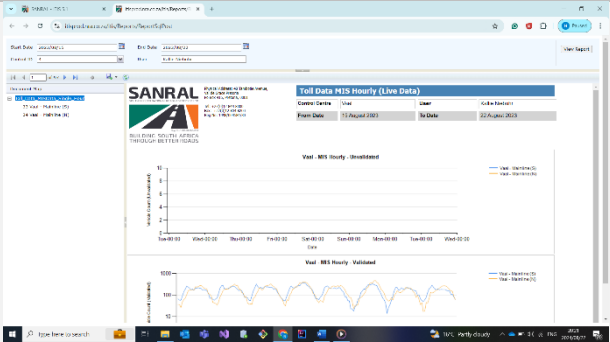
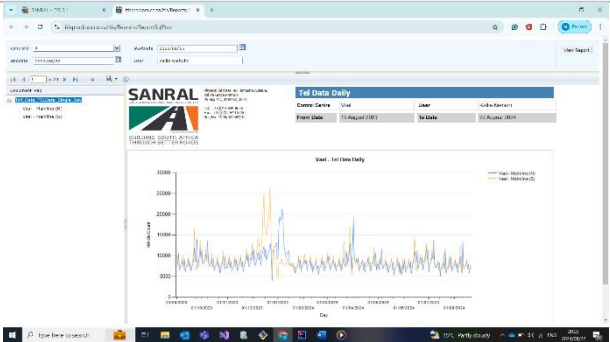
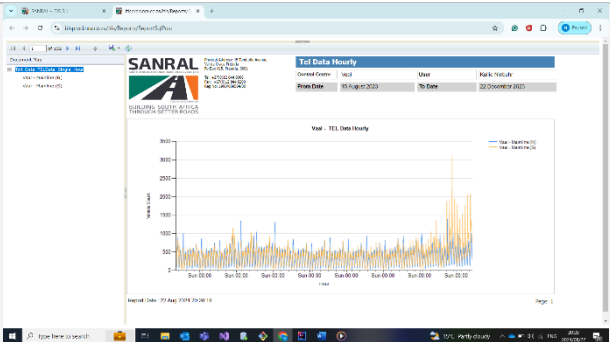
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Structure Inventory Detail List	User Route Road ID Region Authority ID Structure ID		Shows All Structures:Region, Route, Road ID, Structure Number, Structure Type, Road (km), Structure Name, Structure Type, Structure Status, Owned, Managed By, GPS Latitudes: Start, End, GPS Longitudes: Start, End
Structure Location	User Route Road ID Region Authority ID Structure ID		Shows Authority & Managed, Region, Route, Road ID, Road (km), Over/Under, Structure Information: Structure Number, Structure Name, Structure Type, Structure Status, Orientation, Other Authority: Name, Alternative Structure Number, Primary Feature: Name, Type, Secondary Feature: Name, Type, Direction River Flow, Structure Location: X Start, X End, Y Strat, Y End
Structure – Structure (General)			
Completed Field Inspections and Photos	Inspection Phase View Type Authority Region Route Name Road Id From Date To Date		Shows Structure No, Structure Name, GPS/GIS, Latitude, Longitude, Current Inspection Type, Inspector, Firm, Date, Various Inspection Items: Inspection Item, Support: Inspection Item, Pier Protection Works, Pier Foundations, Bearings, Support Drainage, Expansion Joints, Spans: Inspection Item, Long Members, Transverse Members, Decks and Stabs, Work Done: Inspection Item, Pos, Repair Activity, Qty, Unit,Urg,Make Safe, Remarks, Photo Report, Monitor Freq, Comments, Further Inspection, Was UBIU Used, Is UBIU needed for further insp's
Inspection Cycle Sign-Off Report	Insp Cycle Id Inspection Date From		Shows Organisation, Grand Total: All Structures, All Structures: Bridges, EBU, Culverts, BridgeCellular, Signoff Approved - Payable: Bridges, EBU, Culverts, BridgeCellular, Signoff Approved - NON Payable: Bridges, Culverts, BridgeCellular, Signoff Requested: Bridges, Culverts, Bridge Cellular, Open Inspection: Bridges, Culverts, Bridge Cellular, Percentage: Open Bridge, Open Culverts, Sign-Off Requested Bridge, Sign-Off Requested Culvert, Sign-Off

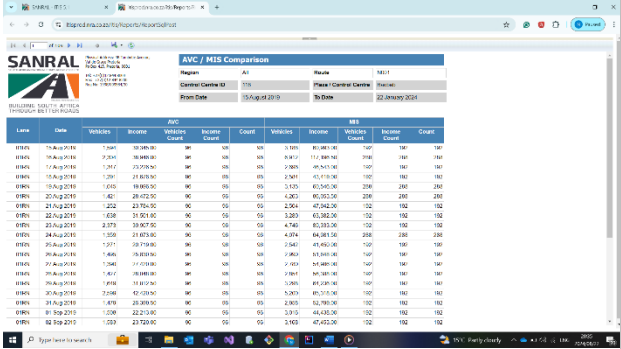
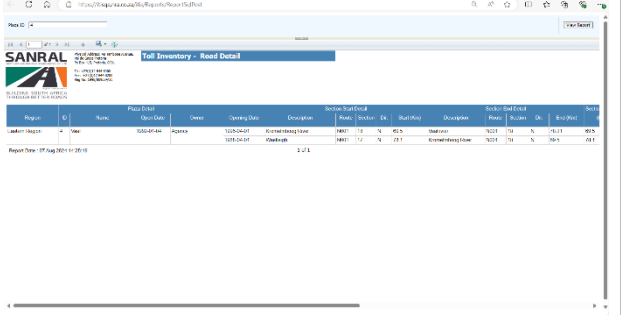
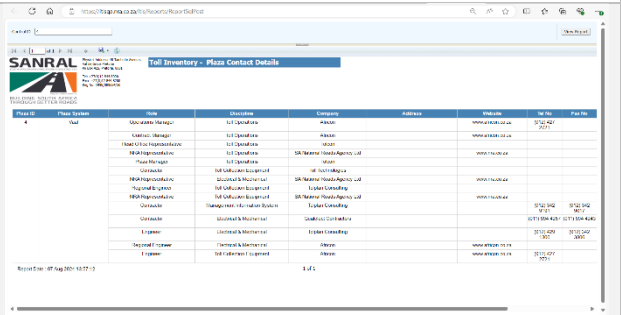
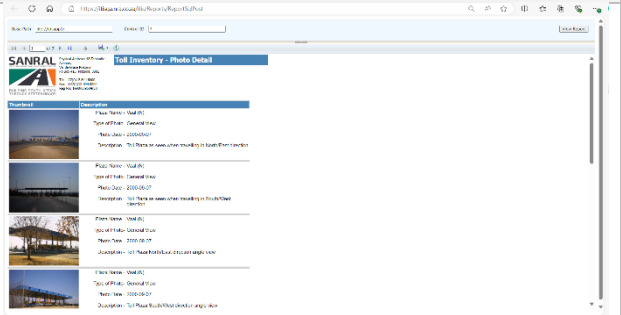
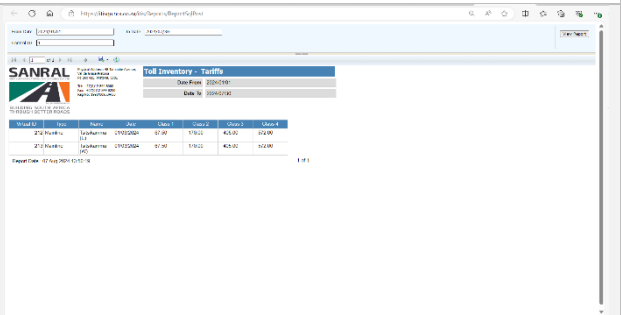
Report Name on ITIS	Parameters	Screenshot	Description
			Approved Bridge, Sign-Off Approved Culverts
Network Inventory and Photo Reports	View Type Authority Region Route Name Road Id		Shows Location Details, Contract Details, Structural Features, Deck Cross Section, Bearings, Expansion Joints, Piers, Abutments, Wing/Retaining walls, Embankment Protection, Arches, Design Characteristics, Hydraulic Data, Drainage, Dimension, Geometry and Road Clearances, Services, Road type, Traffic Volumes and Surfacing, Archive Details, Maintenance Agreements and Responsibilities, Maintenance History, Widening, Strengthening, Retrofitting, Factors Influencing Field Inspection
Structure Inventory Summary	Authority ID Region ID Route Name Road Id Status (* Asset) Structure Type Start Date End Date		Shows Authority, Region, Route, Road ID, Structure Number, Structure Type, Structure Name, Managed By, Structure Status, Road (km), Approved Inspection Date, OPI, Inspection Date, Inspection Status, Rater Firm, Rater Name
Structure Sign Off	User Insp Cycle Id Organization		Shows under Summary: Package Description, Grand Total: All Structures, All Structures: Bridges, EBU, Culverts, Bridges Cellular, Signoff Approved-Payable: Bridges, EBU, Culverts, Bridge Cellular, Signoff Approved-NON-Payable: Bridges, Culverts, Bridge Cellular, Signoff Requested: Bridges, Culverts, Bridge Cellular, Open Inspection: Bridges, Culverts, Bridge Cellular Under Details: Package Description, Structure Nr, Structure Name, Structure Status, Structure Type, Structure Length, EBU, Route, Section, Road (km), Inspection Date, Inspection Status, % Complete, OPI
Structures - Other			
Armco Structures with Invert Slab Ratings	Inspection Date Include photos		Shows the Armco Structures with Invert Slab Ratings, and Structure No, Structure Name, Ecode, Structure Type, Status, Ownership, Route No, Section No, Road Km, Xstr Coord, Xend Coord, Inspdate, Raterfirm, Oci, Insp Item, Position, D, E, R, Repair Item, Make Safe, Qty, Unit, Urgency, Remarks, Photo

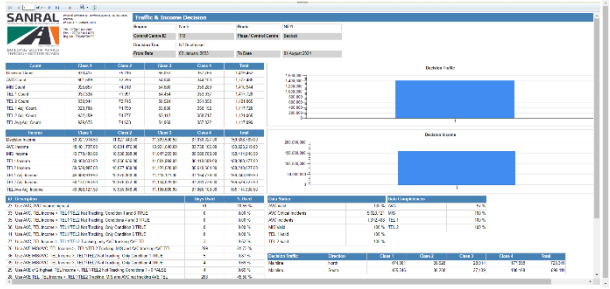
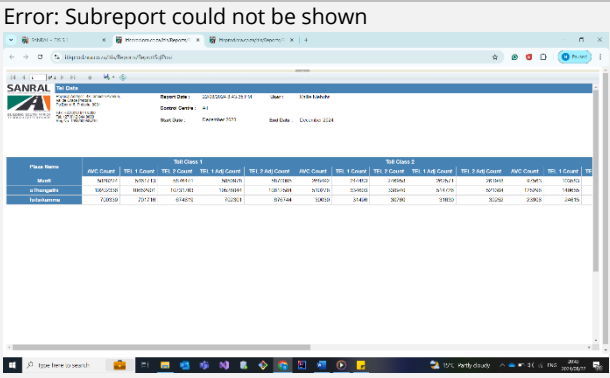
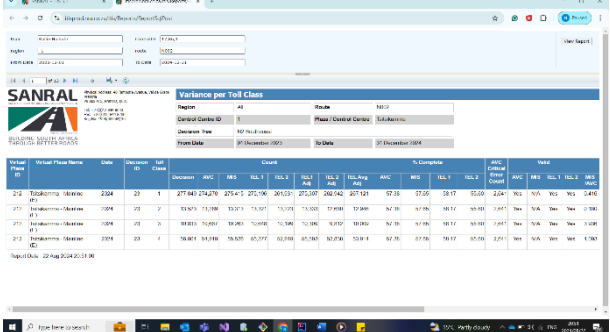
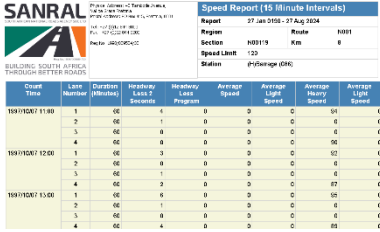
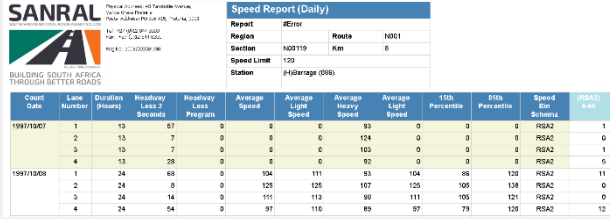
Report Name on ITIS	Parameters	Screenshot	Description
Flood Damage Capture Details	No parameters to select		District, Municipality, Capture User, Damage Count
Flood Damage DOT Summary	District Do you want to Show Photos?		Shows District, Munic, Route, Km Marker, Damage ID, Title and Description, Photo, Location, Flood Damage, Measures to be implemented immediately, Remedial Measure Requirement, Dimensions of affected area (width, length, height, Total fill height/cut depth), Ultimate remedial Measures: RRM, Short, Medium, Long, Specialist Field: Speciality, further input reqd from internal specialist, Estimated Construction period once Contractor onsite (in months) High Order Cost Estimates (e.g R1m, R5m, R10m), Total cost, CAPEX or OPEX, Dependency, Constraints
Flood Damage Inspection Detail	Damage Id Do you want to Show Photos?		Shows Damage Details, Inspection Items and Ratings, Repair Items, Comments, Photos: Latitude, Longitude, Photo ID, Photo Date
Flood Damage Inspection Summary	No parameters to select		Shows District, Munic, Route, Location, Traffic, Passability, Alt Route available, ITIS Ref nr, Prov Ref Nr, Flood Damage, Damage ID, Total Cost, Upper Approach, Abutments (inc retaining walls), Piers, Top of deck, Underside of deck, HandRails/Parapets (incl sidewalks), Expansion joints, Impact damage, Siltation, Scouring, Debris, Erosion, Miscellaneous
Flood Damage Summary	No parameters to select		Shows the Flood Damage Summary, and District Municipality, Damage ID, Captured By, Damage Type, Estimated ADT, Passability, Alt Route, Flood Damage, KZN REF NUM, ITIS REF NUM, Route/Section, KM Marker, Description, Flood Damages, Measures to be implemented, Remedial Measures Required, RRM Measure, Measure Type, Speciality, Further Input Req Specialist, Estimate Months Construction, High Order Cost Est, Capex Or Opex,

Report Name on ITIS	Parameters	Screenshot	Description
			Dependency, Constraints, Area Dimensions, Comments
Structure OCI	Region Owned by Managed by Structure Type		Shows Province, Owned by, Managed by, Region, Route, Section, Distance(km), Structure Number, Structure Name, Structure Type, Structure Status, Year Constructed, Structure Age, Last Insp Date, OCI, Length, Width, Highest Pier
T3D - Progress			
Inventory Capture Length Summary	From Date To Date		It shows Route, Section, Section Length and Inventory Last Captured
Inventory Lanes Verified	Lane Width Date From Date To Verified Sanral		It shows IDT3D Inv lanes, Lane Width, Process Name, T Commit Date, T Commit User, Road Id, Description, Verified By, Date verified and Status
Inventory Progress Summary per 2 Year Cycles	No parameters to select		Shows Inventory Summary per Year Cycles, and 2 year cycles graphs and tables
Progress Report per Dates and User	From Date To Date	Tbc.	

Report Name on ITIS	Parameters	Screenshot	Description
Weekly Progress for Previous Week			Shows the Inventory Process Summary per User section
Toll - Data			
AVC Data Report – Daily	Start Date End Date Control Id User		Shows a graph and a table with the following columns: Virtual Plaza, VP ID, Date, Lane ID, AVC Status, Toll Class 1, Toll Class 2, Toll Class 3, Toll Class 4, Vehicles, Income, Validated, Vehicles, Income, Validated, Vehicles, Income, Validated
AVC Data Report – Hourly	Start Date End Date Control Id User		Shows a graph and a table with the following columns: Virtual Plaza, VP ID, Date, Lane ID, AVC Status, Toll Class 1, Toll Class 2, Toll Class 3, Toll Class 4, Vehicles, Income, Validated, Vehicles, Income, Validated, Vehicles, Income, Validated
AVC Fault Data Report – Daily	Start Date End Date Control Id User		Shows Graphs and a table with the following columns: Plaza, VP ID, Date, Lane ID, Incident ID and days
AVC Fault Data Report – Hourly	Start Date End Date Control Id User		Shows Graphs and a table with the following columns: Plaza, VP ID, Date, Lane ID, Incident ID and hours

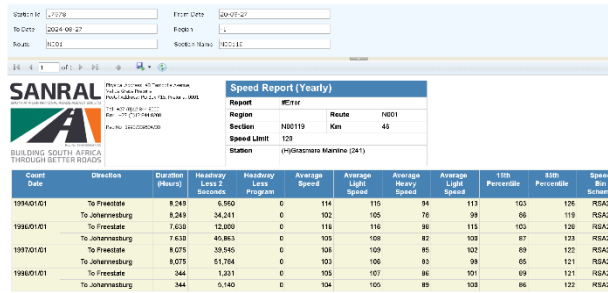
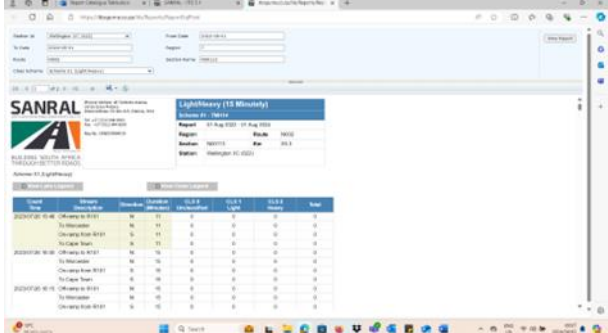
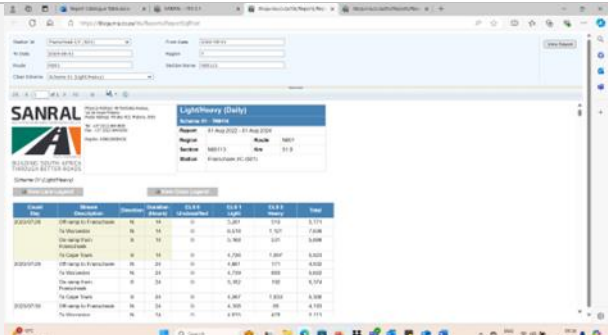
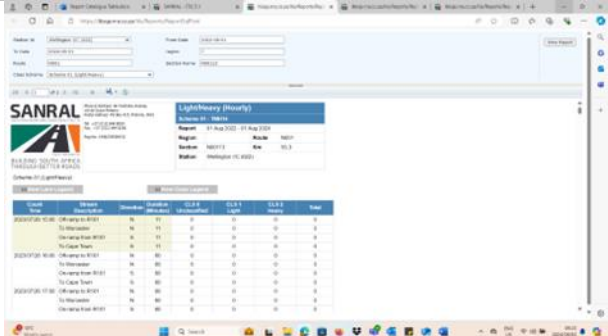
Report Name on ITIS	Parameters	Screenshot	Description
Completeness (Live)	Start Date End Date Control Id User		Shows a table with the following columns: Virtual Plaza Name, VP ID, Date, MIS Unvalidated, MIS Validated, MIS Validated Inc., AVC Unvalidated, AVC Validated, AVC Validated Inc., AFL Unvalidated, AFL Validated, AFL Validated Inc., DFL Unvalidated, DFL Validated, DFL Validated Inc.
MIS Data Report - Daily	Start Date End Date Control Id User		Shows a graph and a table with the following columns: Virtual Plaza, VP ID, Date, Lane ID, AVC Status, Toll Class 1, Toll Class 2, Toll Class 3, Toll Class 4, Vehicles, Income, Validated, Vehicles, Income, Validated, Vehicles, Income, Validated
MIS Data Report - Hourly	Start Date End Date Control Id User		Shows a graph and a table with the following columns: Virtual Plaza, VP ID, Date, Lane ID, AVC Status, Toll Class 1, Toll Class 2, Toll Class 3, Toll Class 4, Vehicles, Income, Validated, Vehicles, Income, Validated, Vehicles, Income, Validated
TEL Data Report - Daily	Start Date End Date Control Id User		Shows a graph and a table with the following columns: Plaza, VP ID, Day, Toll Class 1, Toll Class 2, Toll Class 3, Toll Class 4, TEL 1, TEL 2, TEL 1, TEL 2, TEL 1, TEL 2, TEL 1, TEL 2, Plaza, VP ID, Day, Vehicles Income R, Vehicles Income R
TEL Data Report - Hourly	Start Date End Date Control Id User		Shows a graph and a table with the following columns: Plaza, VP ID, Date Time, Toll Class 1, Toll Class 2, Toll Class 3, Toll Class 4, TEL 1, TEL 2, TEL 1, TEL 2, TEL 1, TEL 2, TEL 1, TEL 2, Plaza, VP ID, Day, Vehicles Income R, Vehicles Income R

Report Name on ITIS	Paramet ers	Screenshot	Description
Toll Monthly Comparison	User Region From Date To Date Route Control Id		Shows a table with the following columns: Lane, Date, AVC (Vehicles, Income, Vehicles Count, Income Count, Count), MIS (Vehicles, Income, , Vehicles Count, Income Count),Count
Tolls - Inventory			
Plazza Road Detail			Region, ID, Plaza Details: Name, Open Date, Owner, Opening Date, Section Start Detail: Description, Route, Section, Dir, Start km, Section End Details: Description, Route, Sectio, Dir, End km, Section Length: km, Plaza Details: Route, Section, Direction, km, Alt length (km), Road Type
Toll Plaza Contacts	Control ID		It shows Plaza Id, Plaza System, Role, Discipline, Company, Address, Website, Tel No, Fax No, Cell No and Email
Toll Plaza Images	Base Path Control ID		It shows thumbnail and description
Toll Traffs	From Date To Date Control ID		It shows Virtual ID, Type, Name, Date, Class1, Class2, Class3, Class4

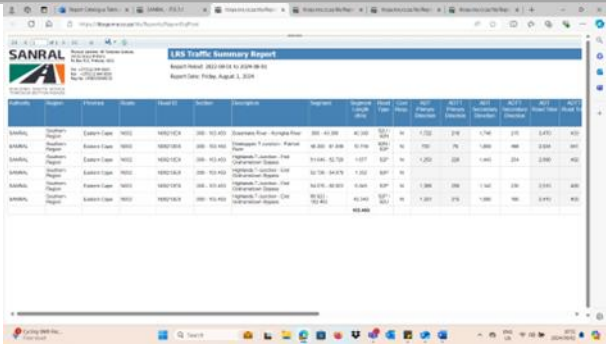
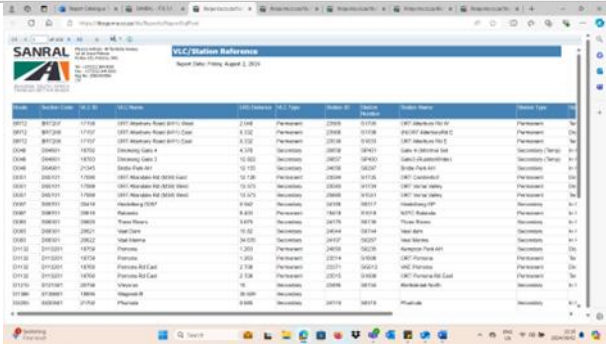
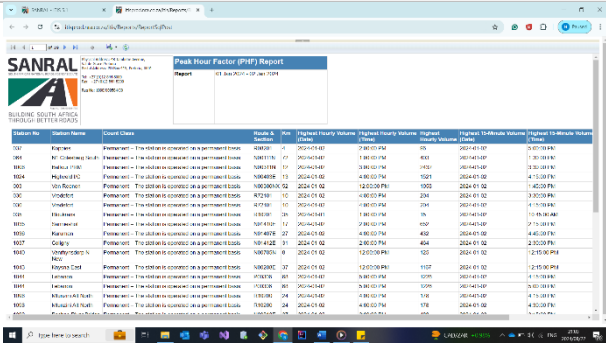
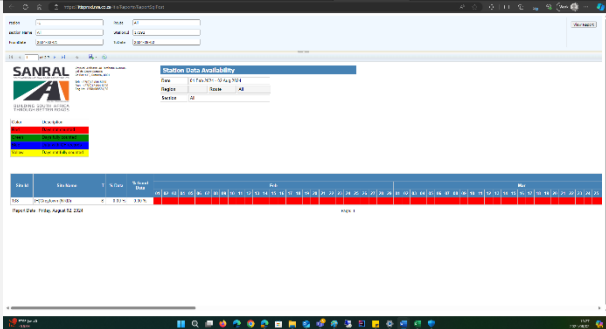
Report Name on ITIS	Parameters	Screenshot	Description
Decision Traffic & Income			There is nothing on Route Drop Down list and it is mandatory to select a route so that the report will be generated
TEL Data	User Report Type Start Date End Date Control Id		Shows a table with the following columns: Plaza Name, Toll Class 1, Toll Class 2, Toll Class 3, Toll Class 4, Totals, AVC Count, TEL 1 Count, TEL 2 Count, TEL 1 Adj Count, TEL 2 Adj Count, AVC Count, TEL 1 Count, TEL 2 Count, TEL 1 Adj Count, TEL 2 Adj Count, AVC Count, TEL 1 Count, TEL 2 Count, TEL 1 Adj Count, TEL 2 Adj Count
Variance per Toll Class	User Region From Date To Date Control Id		Shows a table with the following columns: Virtual Plaza ID, Virtual Plaza Name, Date, Decision ID, Toll Class, Count, % Complete, AVC Critical Error Count, Valid, Decision, AVC, MIS, TEL 1, TEL 2, TEL1 Adj, TEL 2 Adj
Traffic - Speed - By Lanes			
Speed (15 Minutes intervals)	Station ID From Date To Date Region Route Section Name Class Scheme		Shows table with the following columns: Count Time, Lane number, Duration, Headway Less 2 seconds, Headway Less Program, Average Speed, Average Light Speed, Average Heavy Speed, Average Light Speed, 10th Percentile, 85th Percentile, Speed Bin, (RSAD) 8-49, (RSAD) 5-10, (RSAD) 11-15
Speed (Daily)	Station ID From Date To Date Region Route		Shows table with the following columns: Count Time, Lane number, Duration, Headway Less 2 seconds, Headway Less Program, Average Speed, Average Light Speed, Average Heavy Speed, Average Light Speed, 10th Percentile, 85th Percentile, Speed Bin, (RSAD) 8-49, (RSAD) 5-10, (RSAD) 11-15

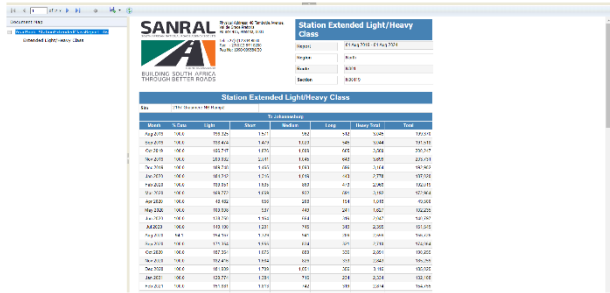
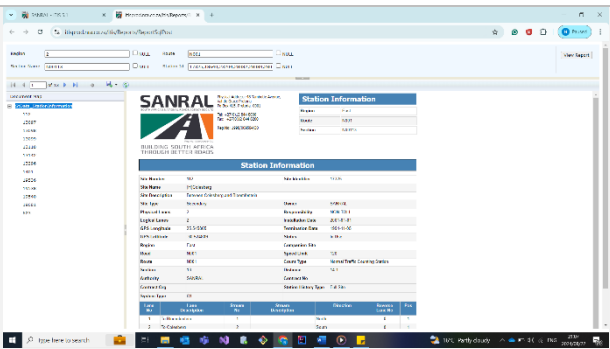
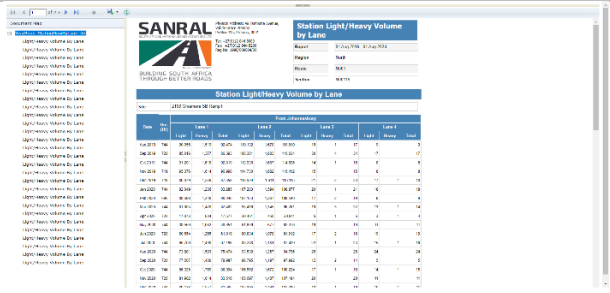
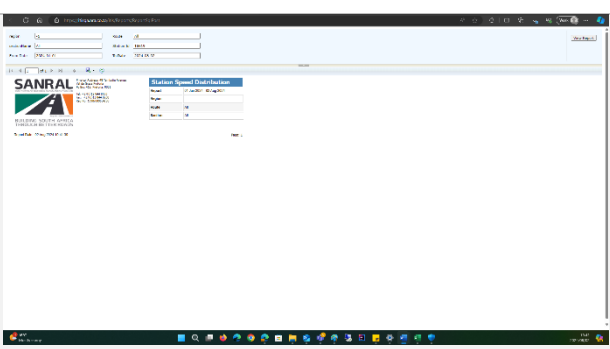
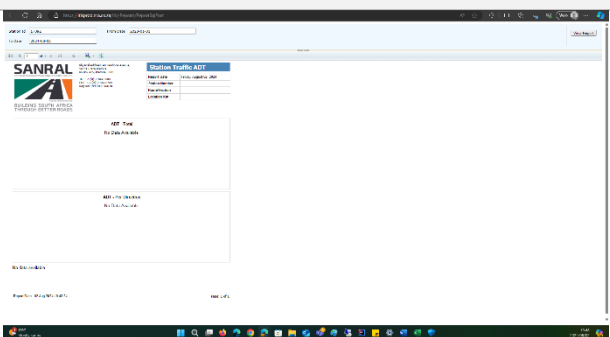
Report Name on ITIS	Parameters	Screenshot	Description
	Section Name Class Scheme		
Speed (Hourly)	Station ID From Date To Date Region Route Section Name Class Scheme		
Speed (Monthly)	Station ID From Date To Date Region Route Section Name Class Scheme		Shows table with the following columns: Count Time, Lane number, Duration, Headway Less 2 seconds, Headway Less Program, Average Speed, Average Light Speed, Average Heavy Speed, 15 th Percentile, 85 th Percentile ,Speed Bin Schema
Speed (Yearly)	Station ID From Date To Date Region Route Section Name Class Scheme		Shows table with the following columns: Count Time, Lane number, Duration, Headway Less 2 seconds, Headway Less Program, Average Speed, Average Light Speed, Average Heavy Speed, 15 th Percentile, 85 th Percentile ,Speed Bin Schema

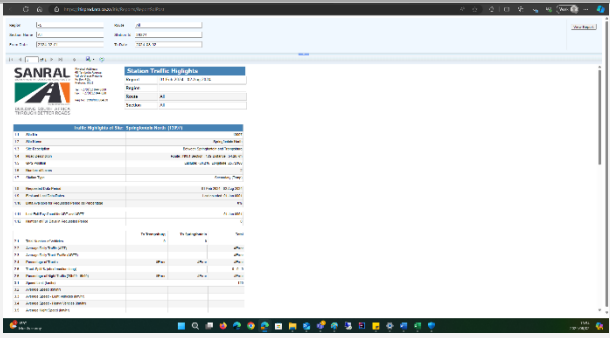
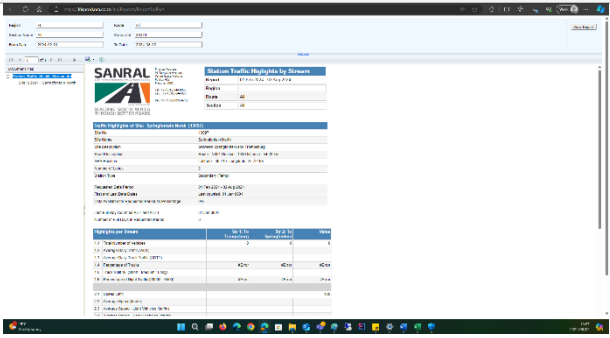
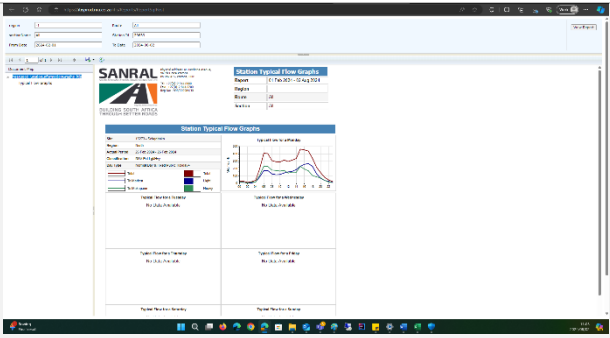
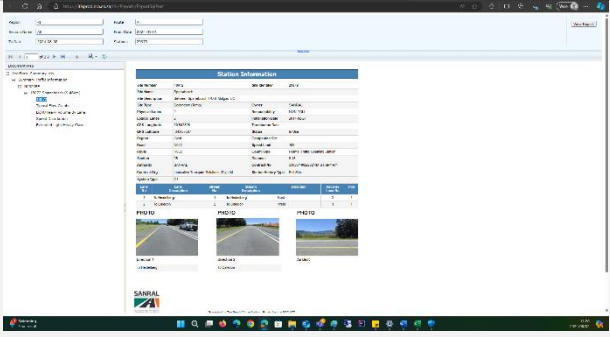
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<p>Traffic – Speed – By Direction</p> <p>Speed (15 Minutes intervals)</p>	Station ID From Date To Date Region Route Section Name		Shows table with the following columns: Count Time, Lane number, Duration, Headway Less 2 seconds, Headway Less Program, Average Speed, Average Light Speed, Average Heavy Speed, 15 th Percentile, 85 th Percentile ,Speed Bin Schema
<p>Speed (Daily)</p>	Station ID From Date To Date Region Route Section Name		Shows table with the following columns: Count Time, Lane number, Duration, Headway Less 2 seconds, Headway Less Program, Average Speed, Average Light Speed, Average Heavy Speed, 15 th Percentile, 85 th Percentile ,Speed Bin Schema
<p>Speed (Hourly)</p>	Station ID From Date To Date Region Route Section Name		Shows table with the following columns: Count Time, Lane number, Duration, Headway Less 2 seconds, Headway Less Program, Average Speed, Average Light Speed, Average Heavy Speed, 15 th Percentile, 85 th Percentile ,Speed Bin Schema
<p>Speed (Monthly)</p>	Station ID From Date To Date Region Route Section Name		Shows table with the following columns: Count Time, Lane number, Duration, Headway Less 2 seconds, Headway Less Program, Average Speed, Average Light Speed, Average Heavy Speed, 15 th Percentile, 85 th Percentile ,Speed Bin Schema

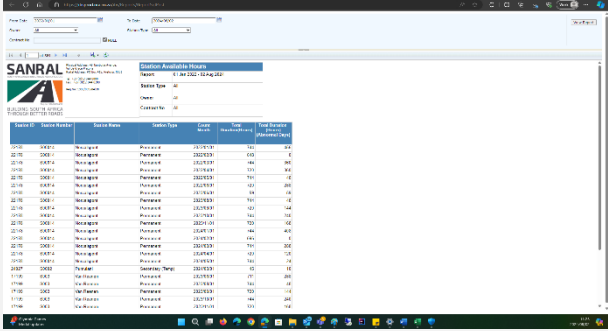
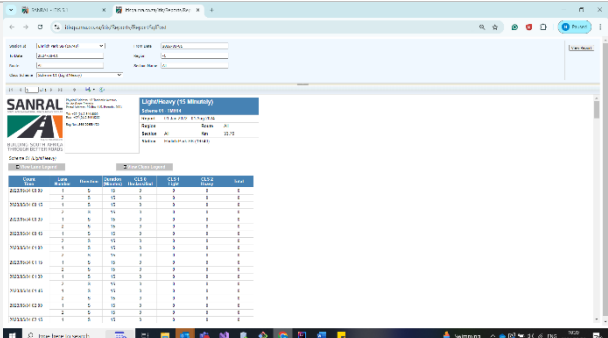
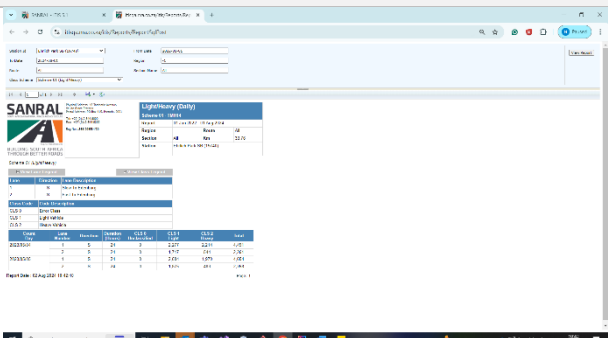
Report Name on ITIS	Parameters	Screenshot	Description																																																																																																												
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Report Name on ITIS	Parameters	Screenshot	Description
Speed (Monthly)	Station ID From Date To Date Region Route Section Name Class Scheme		It shows Count Month, Stream Description, Direction, Duration, SLC 0, SLC 1, SLC 2 and Total
Speed (Yearly)	Station ID From Date To Date Region Route Section Name Class Scheme		It Shows Count Year, Stream Description, Direction, Duration, SLC 0, SLC 1, SLC 2 and Total
Traffic - Traffic Summaries - Summaries			
Monthly Vehicle Kilometre Travelled (VKT) Report	Start Date End Date Road ID		It shows Monthly ADT Road Total, Monthly ADTT Road Total, VKT All Vehicle Road Total, VKT Truck Road Total and Full Days Counted
Traffic Count Summary	Date From Date To Road ID		It shows Authority, Region, Province, Route, Road ID, Section, Description, Segment, Segment Length, Road Type, Cost Resp and Max Count Date

Report Name on ITIS	Parameters	Screenshot	Description
Traffic Summary LRS - Other	Start Date End Date Road ID		It Shows Authority, Region, Province, Route, Road ID, Section, Description, Segment, Segment Length, Road Type, Cost Resp, Max Count Date, ADT Primary Direction, ADTT Primary Direction, ADT Secondary Direction, ADTT Secondary Direction, ADT Road Total, ADTT Road Total, ADT Last Survey, Full Days Counted, View ADT Trend, Station Currently in use (Prim & Sec), Station Verification (Prim & Sec), Stations Temporarily Discontinued (Prim & Sec), and Station Other (Prim and Sec)
Traffic – Summaries – VLC/Station			
VLC/Station Reference			Route, Section Code, VLC ID, VLC Name, LRS Distance, VLC Type, Section ID, Station number, Station Name, Station Type, Station Status, Road Section, Station Located, Station Effective from Date, Station Effective to Date and Flag
Traffic – Summarized Information – Summarized Information			
Peak Hour Factor (PHF)	From Date To Date		Station No, Station Name, Count Class, Route & Section, Km, Highest Hourly Volume (Date), Highest Hourly Volume (Time), Highest Hourly Volume, Highest 15-Minute Volume (Date), Highest 15-Minute Volume (Time), Highest 15-Minute Volume, PHF
Station Data Availability	Region Route Section Name Station ID From Date To Date		Shows the Station Data Availability, and Site Id, Site Name, T, % Data, % Good Data table with months of the year selected

Report Name on ITIS	Parameters	Screenshot	Description
Station Extended Light/Heavy Report Per Direction	Region Route Section Name Station Id From Date To Date		Displays the Station Extended Light/Heavy Class. With the following details on the report: Site, 2167 Grasmere NB Ramp2 To Johannesburg Month, % Data, Light, Short, Medium, Long, Heavy Total, Total
Station Info	Region Section Name Route Station Id		Station Information. Lane No, Lane Description, Stream No, Stream Description, Direction, Reverse, Lane No, Pos
Station Light/Heavy Report Per Lane	Report Region Route Section		Displays the Station Light/Heavy Volume by Lane. With the following details on the report: Date, Dur.(Hr), From Johannesburg Lane 1, Lane 2, Lane 3, Lane 4 Light, Heavy Total
Station Speed Distribution	Region Route Section Name Station Id From Date To Date		Shows the Station Speed Distribution table
Station Traffic ADT	Region Route Section Name Station Id From Date To Date		Shows Station Traffic ADT, ADT – Total and ADT – Per Direction tables

Report Name on ITIS	Parameters	Screenshot	Description
Station Traffic Highlights	Region		Shows the Station Traffic highlights, and Traffic Highlights of Site for the station selected
	Route		
	Section Name		
	Station Id		
	From Date To Date		
Station Traffic Highlights per Stream	Region		Shows the Station Traffic Highlights by Stream, and Traffic Highlights of Site, Highlights per Stream, Traffic Volumes tables
	Route		
	Section Name		
	Station Id		
	From Date To Date		
Station Typical Flow Graphs	Region		Shows the Station Typical Flow Graphs, and Station Typical Flow Graphs
	Route		
	Section Name		
	Station Id		
	From Date To Date		
Traffic – Summarized Information - Yearbook			
YearBook	Region		Shows the Station Information table, photos of Directions and As Built
	Route		
	Section Name		
	From Date To Date		
	Stations		

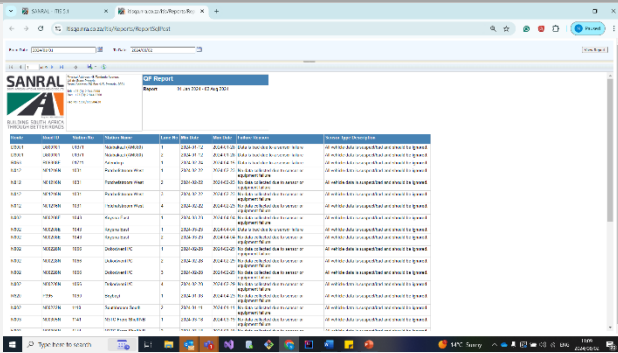
Report Name on ITIS	Parameters	Screenshot	Description
Traffic – Summarized Information – Station Availability			
Station Available Hours	From Date To Date Owner Station Type Contract No		Shows Station Available Hours, and Station ID, Station Number, Station Name, Station Type, Count Month, Total Duration(Hours), Total Duration (Hours) (Abnormal Days)
Traffic – Vehicle Classification – By Lanes			
Classification (15 Minute Intervals)	Station Id From Date To Date Region Route Section Name Class Scheme		Shows Light/Heavy (15 Minutely). Shows the View Lane Legend tabled with the following columns: Lane, Direction, Lane Description. Shows the View Class Legend tabled with the following columns: Class Code, Code Description. Shows a table with the following columns: Count Time, Direction, Direction, Description, Duration (Minutes), CLS 0 Unclassified, CLS 1 Light, CLS 2, Heavy, Total
Classification (Daily)	Station Id From Date To Date Region Route Section Name Class Scheme		Shows Light/Heavy (Daily). Shows the View Lane Legend tabled with the following columns: Lane, Direction, Lane Description. Shows the View Class Legend tabled with the following columns: Class Code, Code Description. Shows a table with the following columns: Count, Date, Direction, Direction, Description, Duration (Hours), CLS 0 Unclassified, CLS 1 Light, CLS 2 Heavy, Total

Report Name on ITIS	Parameters	Screenshot	Description
Classification (Hourly)	Station Id From Date To Date Region Route Section Name Class Scheme		Shows Light/Heavy (Hourly). Shows the View Lane Legend tabled with the following columns: Lane, Direction, Lane Description. Shows the View Class Legend tabled with the following columns: Class Code, Code Description. Shows a table with the following columns: Count, Time, Direction, Direction, Description, Duration (Minutes), CLS 0 Unclassified, CLS 1 Light, CLS 2 Heavy, Total
Classification (Monthly)	Station Id From Date To Date Region Route Section Name Class Scheme		Shows Light/Heavy (Monthly). Shows the View Lane Legend tabled with the following columns: Lane, Direction, Lane Description. Shows the View Class Legend tabled with the following columns: Class Code, Code Description. Shows a table with the following columns: Count Month, Direction, Description, Duration (Days), CLS 0 Unclassified, CLS 1 Light, CLS 2 Heavy, Total
Classification (Yearly)	Station Id From Date To Date Region Route Section Name Class Scheme		Shows Light/Heavy (Yearly). Shows the View Lane Legend tabled with the following columns: Lane, Direction, Lane Description. Shows the View Class Legend tabled with the following columns: Class Code, Code Description. Shows a table with the following columns: Count Year, Direction, Description, Duration (Days), CLS 0 Unclassified, CLS 1 Light, CLS 2 Heavy, Total
Traffic – Vehicle Classification – By Stream			
Classification (15 Minute Intervals)	Station Id From Date To Date Region Route Section Name		Shows Light/Heavy (15 Minutely). Shows the View Lane Legend tabled with the following columns: Lane, Direction, Lane Description. Shows the View Class Legend tabled with the following columns: Class Code, Code Description. Shows a table with the following columns: Count Time, Direction, Direction, Description, Duration (Minutes), CLS 0 Unclassified, CLS 1 Light, CLS 2 Heavy, Total

Report Name on ITIS	Parameters	Screenshot	Description
	Class Scheme		
Classification (Daily)	Station Id From Date To Date Region Route Section Name Class Scheme		Shows Light/Heavy (Daily). Shows the View Lane Legend tabled with the following columns: Lane, Direction, Lane Description. Shows the View Class Legend tabled with the following columns: Class Code, Code Description. Shows a table with the following columns: Count, Date, Direction, Direction, Description, Duration (Hours), CLS 0 Unclassified, CLS 1 Light, CLS 2 Heavy, Total
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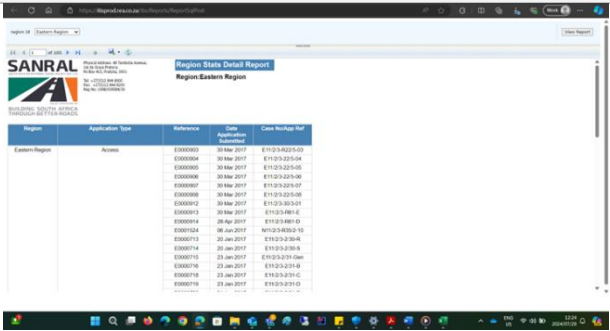
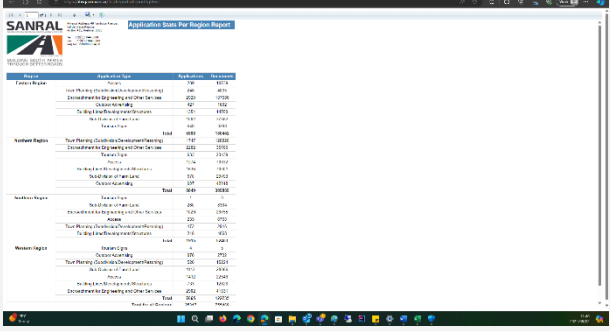
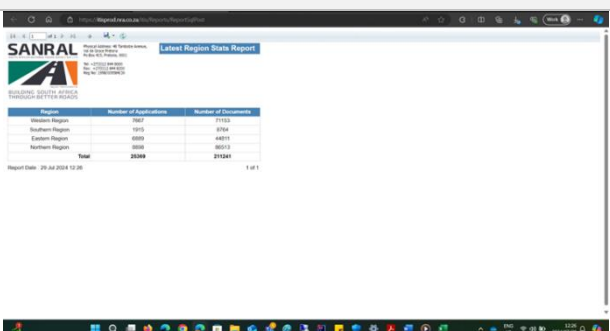
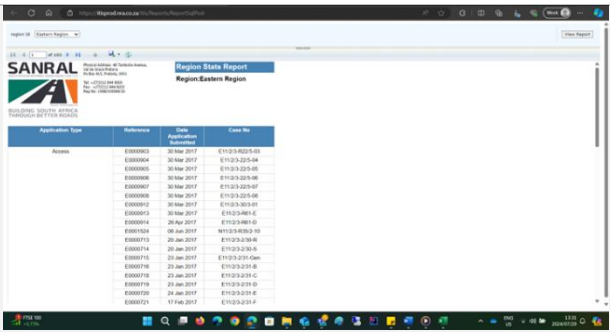
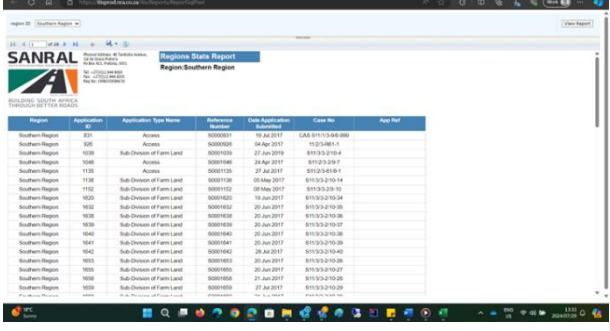
Report Name on ITIS	Parameters	Screenshot	Description
Traffic – Vehicle Classification – By Direction			
Classification (15 Minute Intervals)	Station Id From Date To Date Region Route Section Name Class Scheme		Shows Toll Classification (15 Minutely). Shows the View Lane Legend tabled with the following columns: Lane, Direction, Lane Description. Shows the View Class Legend tabled with the following columns: Class Code, Code Description. Shows a table with the following columns: Count, Time, Direction, Description, Duration (Minutes), CLS 0 Unclassified, CLS 1 Light, CLS 2, Heavy, Total
Classification (Daily)	Station Id From Date To Date Region Route Section Name Class Scheme		Shows Light/Heavy (Daily). Shows the View Lane Legend tabled with the following columns: Lane, Direction, Lane Description. Shows the View Class Legend tabled with the following columns: Class Code, Code Description. Shows a table with the following columns: Count, Date, Direction, Direction, Description, Duration (Hours), CLS 0 Unclassified, CLS 1 Light, CLS 2 Heavy, Total
Classification (Hourly)	Station Id From Date To Date Region Route Section Name Class Scheme		Shows Light/Heavy (Hourly). Shows the View Lane Legend tabled with the following columns: Lane, Direction, Lane Description. Shows the View Class Legend tabled with the following columns: Class Code, Code Description. Shows a table with the following columns: Count, Time, Direction, Direction, Description, Duration (Minutes), CLS 0 Unclassified, CLS 1 Light, CLS 2 Heavy, Total

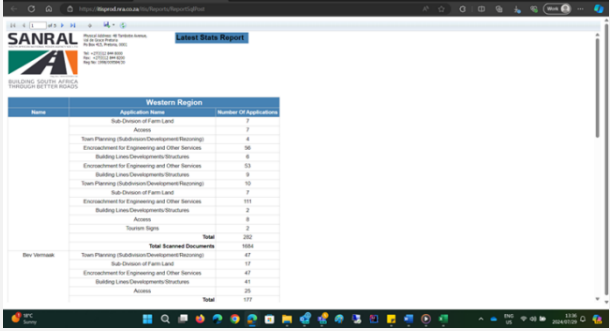
Report Name on ITIS	Parameters	Screenshot	Description
Classification (Monthly)	Station Id From Date To Date Region Route Section Name Class Scheme		Shows Light/Heavy (Monthly). Shows the View Lane Legend tabled with the following columns: Lane, Direction, Lane Description. Shows the View Class Legend tabled with the following columns: Class Code, Code Description. Shows a table with the following columns: Count Month, Direction, Description, Duration (Days), CLS 0 Unclassified, CLS 1 Light, CLS 2 Heavy, Total
Classification (Yearly)	Station Id From Date To Date Region Route Section Name Class Scheme		Shows Light/Heavy (Yearly). Shows the View Lane Legend tabled with the following columns: Lane, Direction, Lane Description. Shows the View Class Legend tabled with the following columns: Class Code, Code Description. Shows a table with the following columns: Count Year, Direction, Description, Duration (Days), CLS 0 Unclassified, CLS 1 Light, CLS 2 Heavy, Total
Traffic – Validation – Validation Reports			
Equipment Reset Dates	From Date To Date		Route, Road ID, Station No, Station Name, Date, Time, Duration
Level 1 Validation Override Report	Contract No		

Report Name on ITIS	Parameters	Screenshot	Description
QF Report	From Date To Date		Shows the QF Reports, and a table with the following tables Route, Road ID, Station No, Station Name, Lane No, Min Date, Max Date, Failure Reason, Sensor Type Description
Mobile Only - Traffic			
Station Traffic ADT	From Date To Date Station ID		These are mobile only reports
Station Traffic ADTT	From Date To Date Station ID		These are mobile only reports
Traffic E80 (Million)	Authority id Region Route Road id Fin Year		These are mobile only reports
Mobile Only - Pavement			
FWD Remaining Life E80 Years	Authority id Region Route Road id Year From Year To		These are mobile only reports
Friction	Authority id Region Route Road id Year from		These are mobile only reports

Report Name on ITIS	Parameters	Screenshot	Description
	Year To		
Maintenance	Authority id Region Route Road id Fin Year		These are mobile only reports
OCI Ranges - Percentages per Year	Authority id Region Route Road id Year from Year To		These are mobile only reports
Overall Condition Index	Authority id Region Route Road id Year from Year To		These are mobile only reports
Roughness	Authority id Region Route Road id Year from Year To		These are mobile only reports
Rut Depth	Authority id Region Route Road id Year from Year To		These are mobile only reports
Texture	Authority id Region Route Road id		These are mobile only reports

Report Name on ITIS	Parameters	Screenshot	Description
	Year from Year To		
Mobile Only - Structure			
Defect Photo Report	Structure ID Base Path authority region route Road Id Insp Date		These are mobile only reports
Field Inspection	Structure ID Inspection Date		These are mobile only reports
Inventory Detail	Structure ID		
Inventory Photo Report	Structure ID Base Path Authority Region Route Road Id Insp Date		These are mobile only reports
Mobile Only - Incidents			
Incidents Detail	Incident Id		
Incidents	Region Section Route From Date To Date		These are mobile only reports

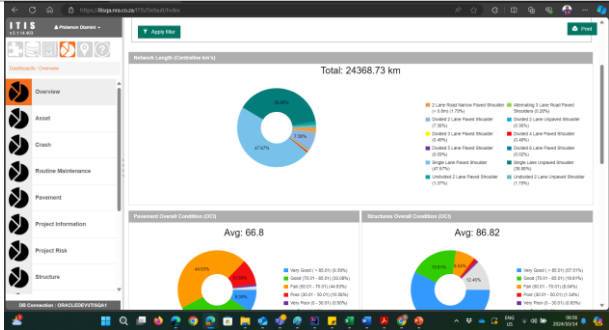
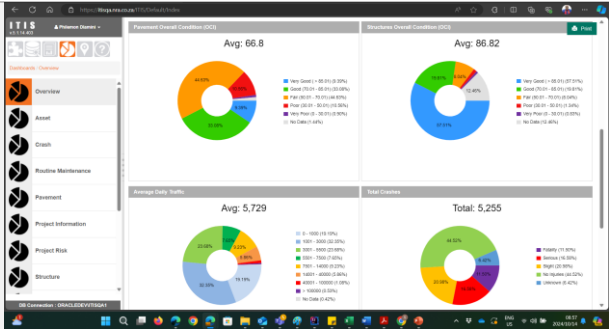
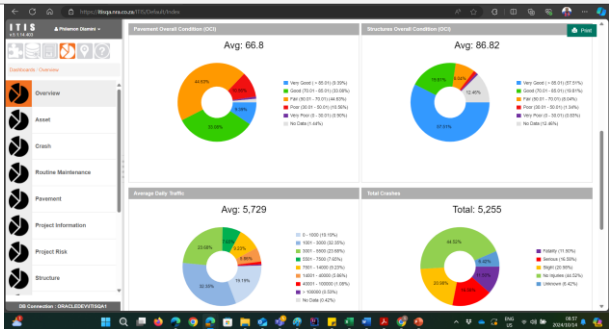
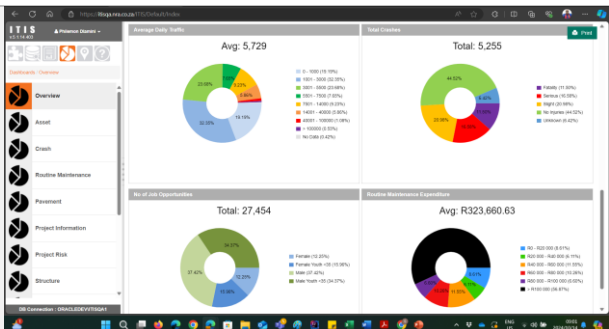
Report Name on ITIS	Parameters	Screenshot	Description
SCOMS			
All Regions Stat Detail	Region ID		Shows the Region, Application Type, Reference, Date Application Submitted and Case No/App Ref
Application Stats Per Region	No parameters to select		Shows the Application Stats Per Region Report the following columns, Region, Application Type, Applications and Documents
Latest Region Stats	No parameters to select		Shows the Regions, Number of Application and Number of Documents
Region Detail Stat	Region ID		Shows the Region Stats Report, and Application Type, Reference, Date Application Submitted and Case No.table of the region selected
Regions Stats	Region ID		Shows the Region, Application ID, Application Type Name, Reference Number, Date Application Submitted, Case No. and App. Ref

Report Name on ITIS	Parameters	Screenshot	Description
User Stats		 <p>The screenshot displays the 'Latest Stats Report' for the Western Region. It features a table with two columns: 'Name' and 'Number Of Applications'. The table lists various application types and their counts, including 'Sub-Division of Farm Land', 'Access', 'Town Planning (Subdivision Development Reporting)', 'Enrolment for Engineering and Other Services', 'Building Lines Development Structures', 'Enrolment for Engineering and Other Services', 'Building Lines Development Structures', 'Town Planning (Subdivision Development Reporting)', 'Sub-Division of Farm Land', 'Enrolment for Engineering and Other Services', 'Building Lines Development Structures', 'Access', 'Tourism Signs', and 'Total'. A 'Dev Viewback' section is also visible at the bottom of the table.</p>	Shows the Latest Stats Report, and Name, Application Name, Number Of Applications for all the regions

17. ITIS 5.1 Appendix – Dashboard Catalogue

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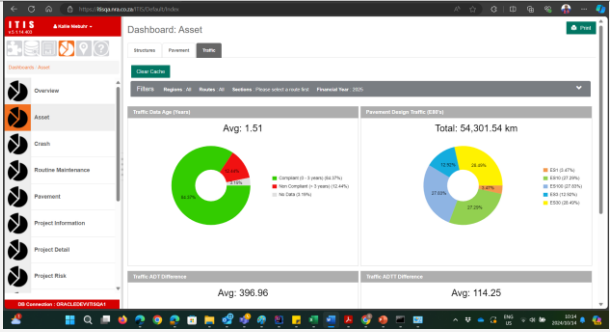
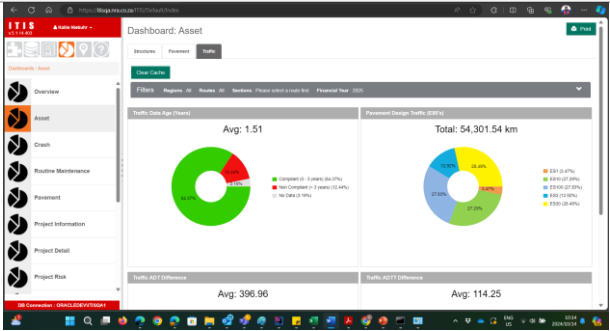
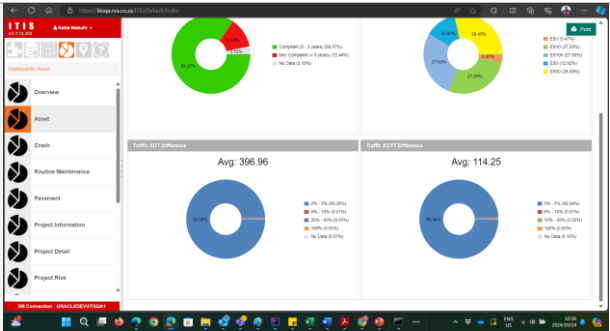
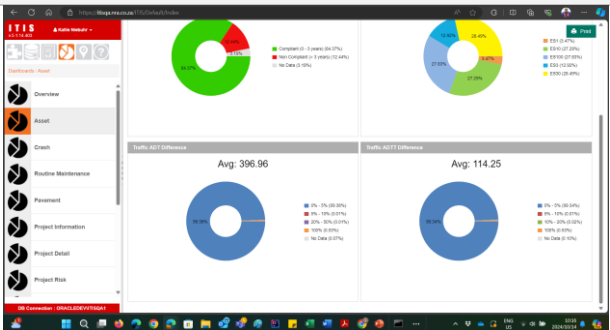
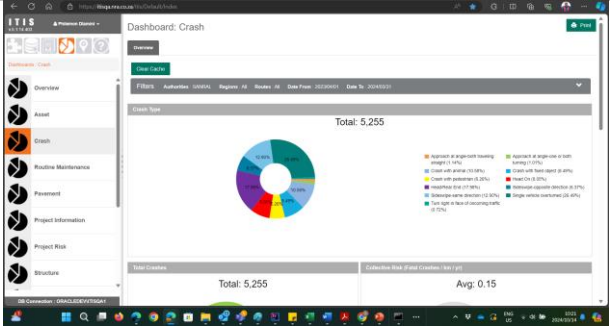
Dashboard Name on ITIS	Parameters	Screenshot	Description
Overview			<ul style="list-style-type: none"> System shows pie charts and graphs with the legends on the side for each section of the chart/graph. Click on the centre of the chart to show the detailed data table for the dashboard selected, or a slice of the pie (for example) to display a data table of the data. Export Data from the data table to download in .xls format.
Network Length (Centreline km's)	Authorities Regions Financial Year		
Pavement Overall Condition (OCI)	Authorities Regions Financial Year		
Structures Overall Condition (OCI)	Authorities Regions Financial Year		
Average Daily Traffic	Authorities Regions Financial Year		Shows the Network length, Pavement Overall Condition (OCI), Structures Overall Condition, Average Daily Traffic, Total Crashes, Number of Job opportunities created and Routine Road Maintenance Expenditure dashboards in chart / summary format.

Dashboard Name on ITIS	Parameters	Screenshot	Description
Total Crashes			
No of Job Opportunities	Authorities Regions Financial Year		
Routine Maintenance Expenditure	Authorities Regions Financial Year		
Assets – Structures			
Structure Condition Data Age (Years)	Regions Routes Sections Financial Year		Shows the Structure Condition Data Age (Years), Structure Inventory Data, Structure OCI Difference, Structure Replacement Cost, Structure Replacement Cost Difference, Structure Asset Value Difference dashboards in chart / summary format.

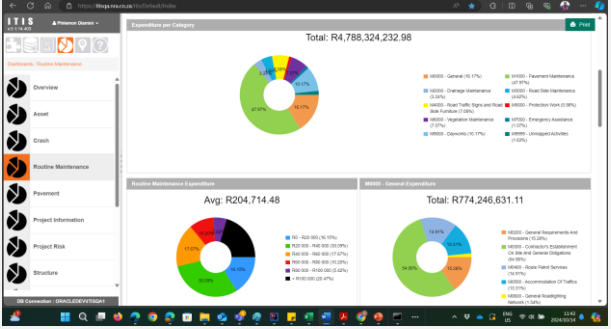
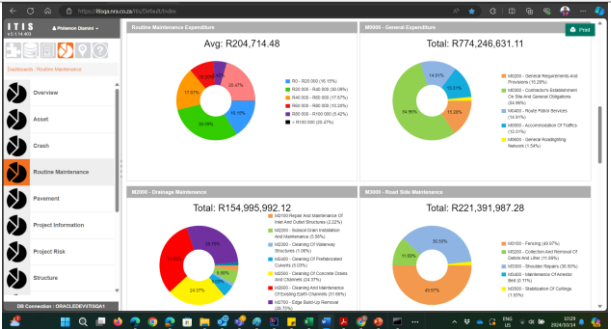
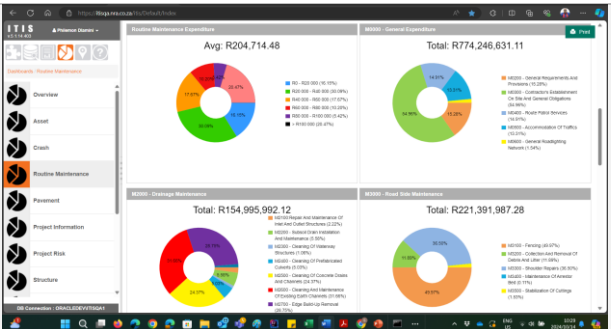
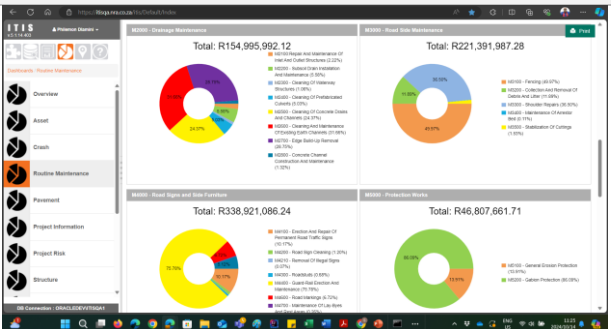
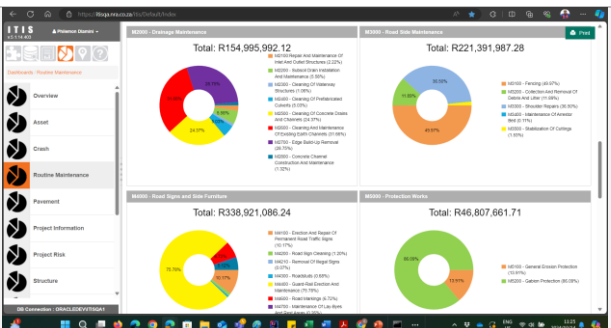
Dashboard Name on ITIS	Parameters	Screenshot	Description
Structure Inventory Data	Regions Routes Sections Financial Year		
Structure OCI Difference	Regions Routes Sections Financial Year		
Structure Replacement Cost	Regions Routes Sections Financial Year		
Structure Replacement Cost Difference	Regions Routes Sections Financial Year		
Structure Asset Value Difference	Regions Routes Sections Financial Year		

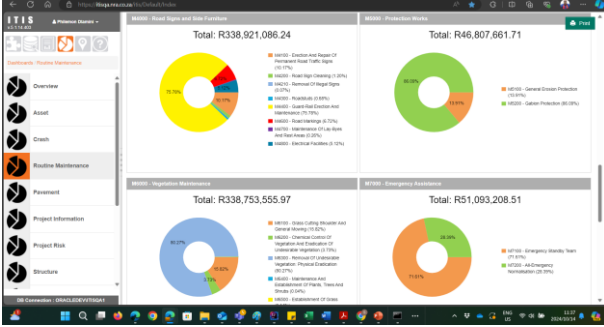
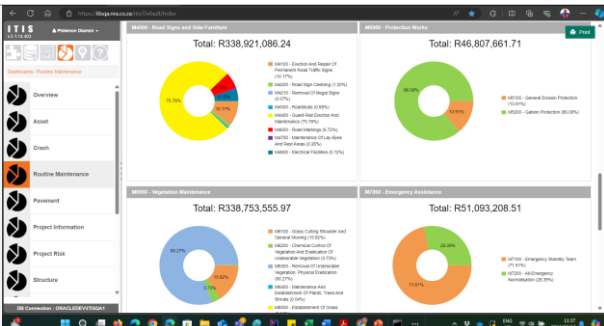
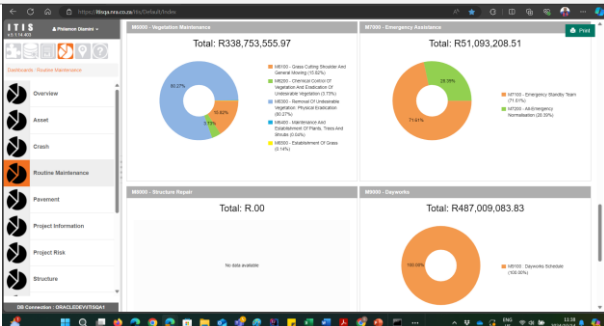
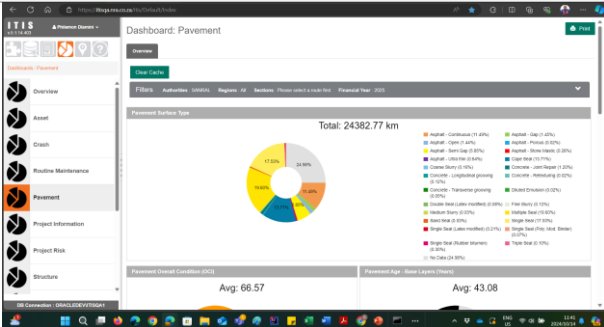
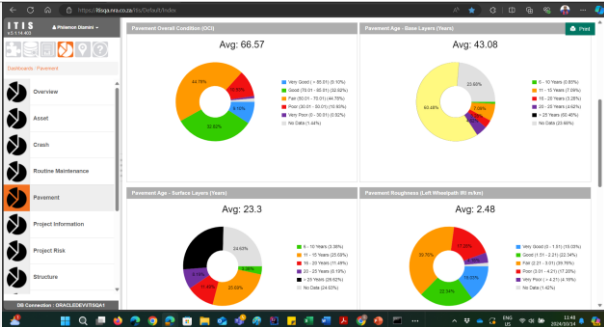
Dashboard Name on ITIS	Parameters	Screenshot	Description
Assets – Pavement Pavement Condition Data Age (Years)	Regions Routes Sections Financial Year		
Pavement Width (m)	Regions Routes Sections Financial Year		Shows the Pavement Condition Data Age (Years), Pavement Width (m), Pavement OCI Difference, Pavement OCI Difference, Pavement Layer Replacement Cost, Pavement Layer Replacement Cost Difference, Pavement Layer Asset Value Difference, Pavement Roadbed Replacement Cost, Pavement Roadbed Replacement Cost Difference, Pavement Roadbed Asset Value Difference in dashboards chart / summary format.
Pavement OCI Difference	Regions Routes Sections Financial Year		
Pavement Layer Replacement Cost	Regions Routes Sections Financial Year		


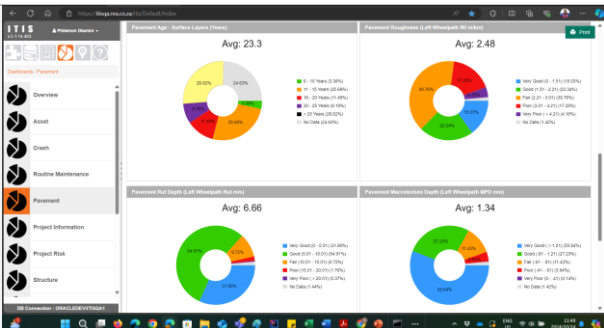
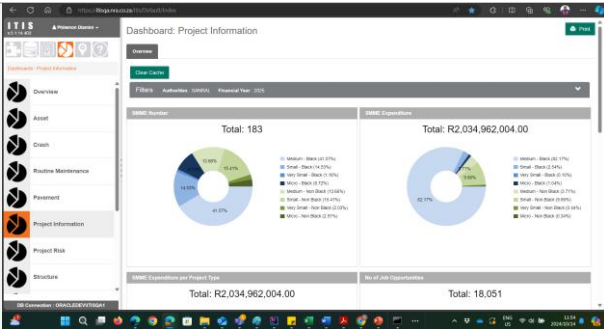
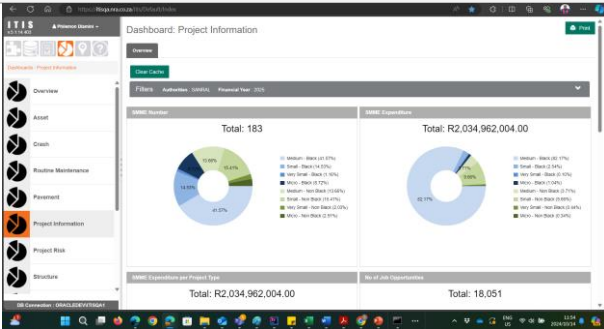
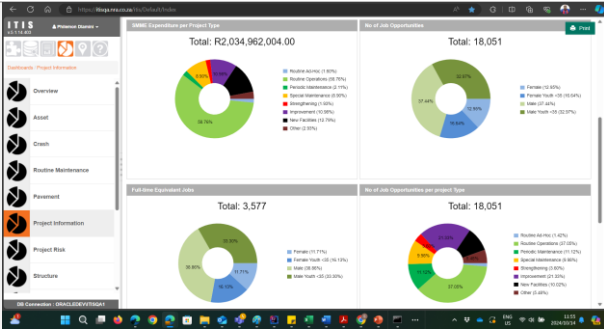
Pavement Layer Replacement Cost Difference	Regions Routes Sections Financial Year		
Pavement Layer Asset Value Difference	Regions Routes Sections Financial Year		
Pavement Roadbed Replacement Cost	Regions Routes Sections Financial Year		
Pavement Roadbed Replacement Cost Difference	Regions Routes Sections Financial Year		
Pavement Roadbed Asset Value Difference	Regions Routes Sections Financial Year		

Assets – Traffic			
Traffic Data Age (Years)	Regions Routes Sections Financial Year		
Pavement Design Traffic (E80's)	Regions Routes Sections Financial Year		Shows the Traffic Data Age (Years), Pavement Design Traffic (E80's), Traffic ADT Difference, Traffic ADTT Difference dashboards in chart / summary format.
Traffic ADT Difference	Regions Routes Sections Financial Year		
Traffic ADTT Difference	Regions Routes Sections Financial Year		
Crash - Overview			
Crash Type	Authorities Regions Routes Sections Date From Date To		Shows the Crash Type, Total Crashes, Collective Risk (Fatal Crashes / km / yr), Individual Risk (Fatal Crashes per 100M VKT), Crash Light Conditions, Crash Weather Conditions, Crash Per Day of Week dashboards in chart / summary format.

Total Crashes	Authorities Regions Routes Sections Date From Date To		
Collective Risk (Fatal Crashes / km / yr)	Authorities Regions Routes Sections Date From Date To		
Individual Risk (Fatal Crashes per 100M VKT)	Authorities Regions Routes Sections Date From Date To		
Crash Light Conditions	Authorities Regions Routes Sections Date From Date To		
Routine Maintenance - Overview			
M1000 - Pavement Maintenance	Authorities Regions Financial Year Project Project Manager		Shows the M1000 - Pavement Maintenance, Expenditure per Category, Routine Maintenance Expenditure, M0000 - General Expenditure, M2000 - Drainage Maintenance, M3000 - Road Side Maintenance, M4000 - Road Signs and Side Furniture, M5000 -

Expenditure per Category	Authorities Regions Financial Year Project Project Manager		Protection Works, M6000 - Vegetation Maintenance, M7000 - Emergency Assistance, M8000 - Structure Repair, M9000 - Dayworks, M9999: Unmapped dashboards in chart / summary format.
Routine Maintenance Expenditure	Authorities Regions Financial Year Project Project Manager		
M0000 - General Expenditure	Authorities Regions Financial Year Project Project Manager		
M2000 - Drainage Maintenance	Authorities Regions Financial Year Project Project Manager		
M3000 - Road Side Maintenance	Authorities Regions Financial Year Project Project Manager		

M4000 - Road Signs and Side Furniture	Authorities Regions Financial Year Project Project Manager		
M5000 - Protection Works	Authorities Regions Financial Year Project Project Manager		
M6000 - Vegetation Maintenance	Authorities Regions Financial Year Project Project Manager		
Pavement - Overview			
Pavement Surface Type	Authorities Regions Routes Sections Financial Year		Shows the Pavement Surface Type, Pavement Overall Condition (OCI), Pavement Age - Base Layers (Years), Pavement Age - Base Layers (Years), Pavement Age - Surface Layers (Years), Pavement Roughness (Left Wheelpath IRI m/km), Pavement Rut Depth (Left Wheelpath Rut mm), Pavement Macrotexture Depth (Left Wheelpath MPD mm), Pavement Base Type, Pavement Condition Data Age (Years) dashboards in chart / summary format.
Pavement Overall Condition (OCI)	Authorities Regions Routes Sections Financial Year		

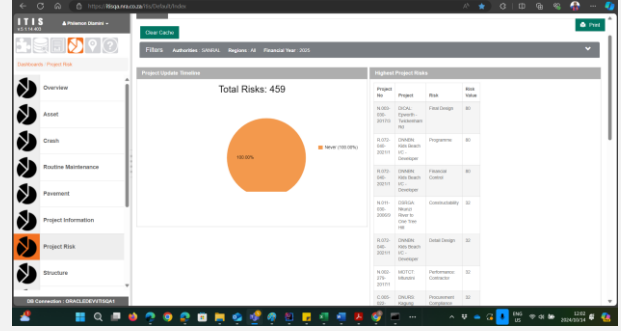
Pavement Age - Base Layers (Years)	Authorities Regions Routes Sections Financial Year		
Pavement Age - Surface Layers (Years)	Authorities Regions Routes Sections Financial Year		
Project Information - Overview			
SMME Number	Authorities Regions Financial Year Project Project Manager		
SMME Expenditure	Authorities Regions Financial Year Project Project Manager		Shows the SMME Number, SMME Expenditure, SMME Expenditure per Project Type, No of Job Opportunities, Full-time Equivalent Jobs, No of Job Opportunities per project Type, Trainees, Trainees/Project Type dashboards in chart / summary format.
SMME Expenditure per Project Type	Authorities Regions Financial Year Project Project Manager		

No of Job Opportunities	Authorities Regions Financial Year Project Project Manager		
No of Job Opportunities per project Type	Authorities Regions Financial Year Project Project Manager		
Trainees	Authorities Regions Financial Year Project Project Manager		
Trainees/Project Type	Authorities Regions Financial Year Project Project Manager		

Project Risk - Overview

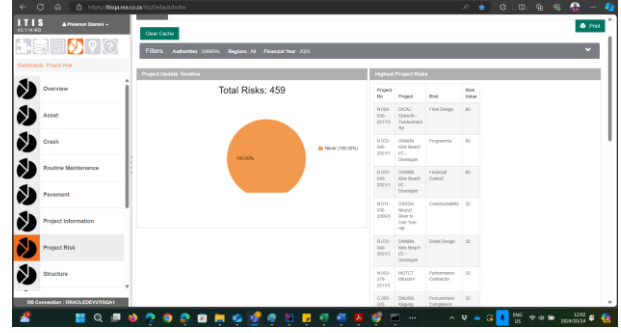
Project Update Timeline

Authorities
Regions
Financial Year
Project
Project Manager



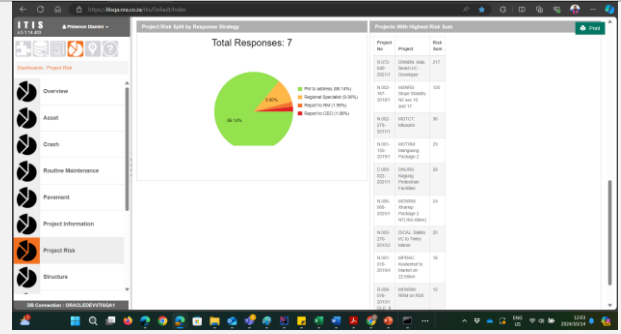
Project Risk Split by Response Strategy

Authorities
Regions
Financial Year
Project
Project Manager



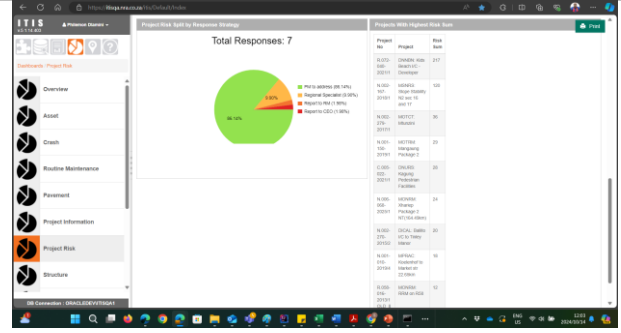
Highest Project Risks

Authorities
Regions
Financial Year
Project
Project Manager



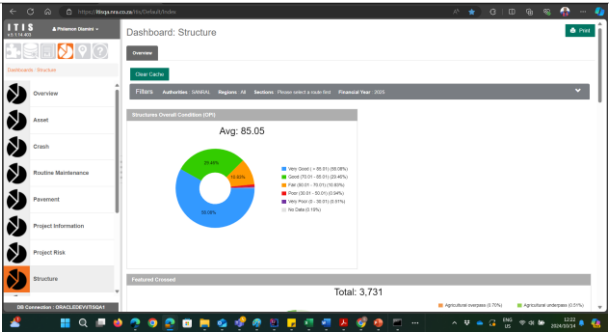
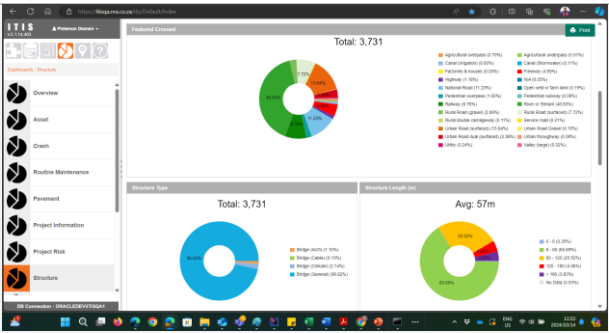
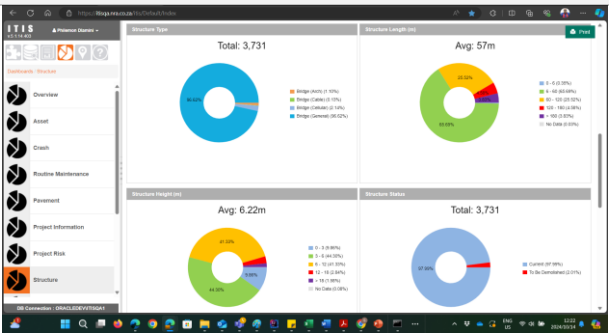
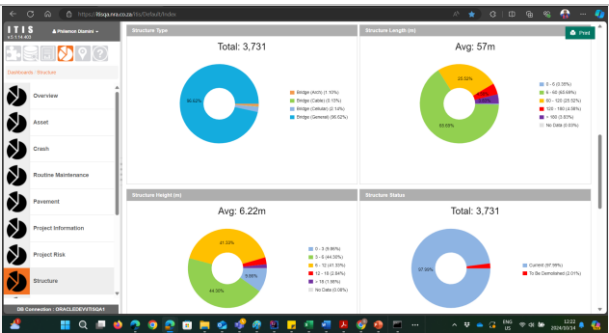
Projects With Highest Risk Sum

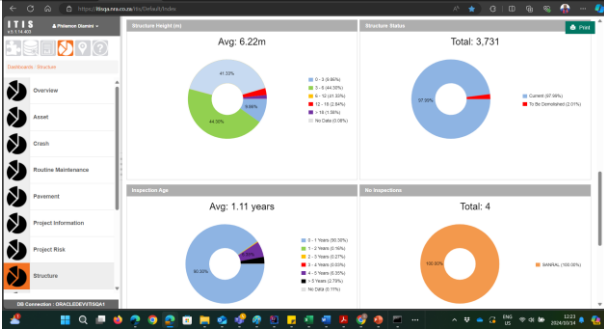
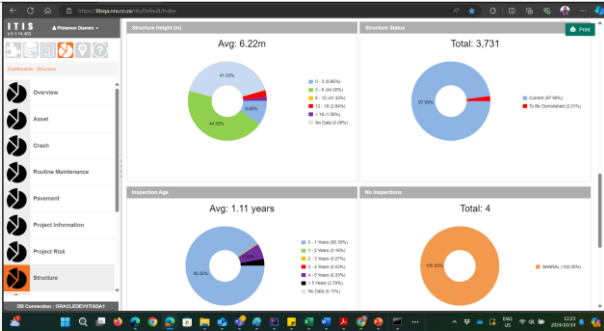
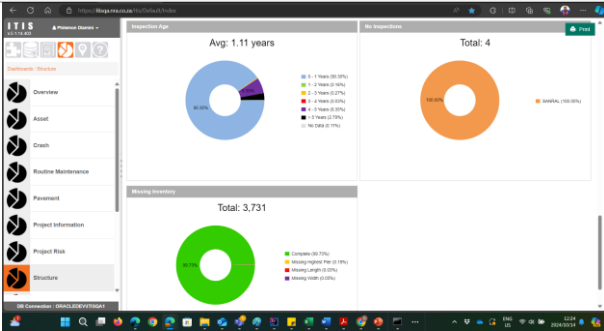
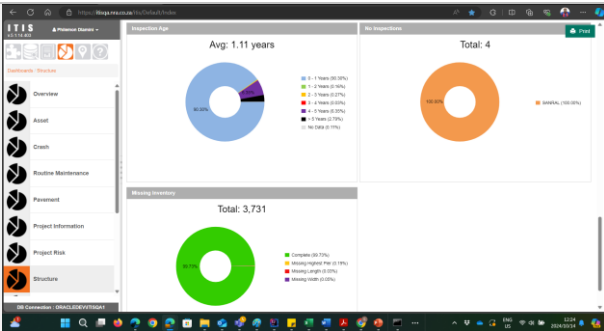
Authorities
Regions
Financial Year
Project
Project Manager

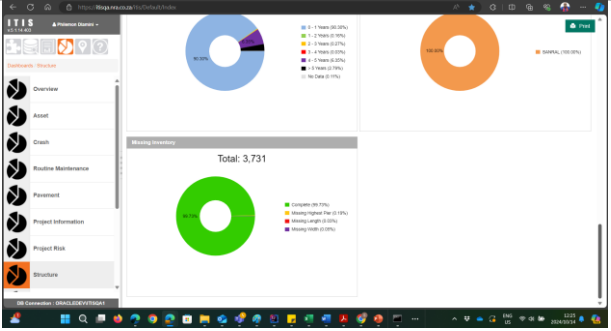
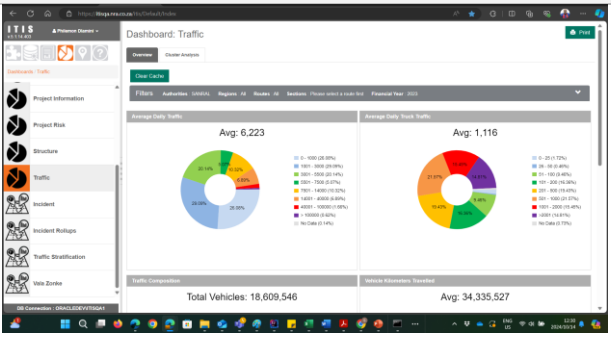
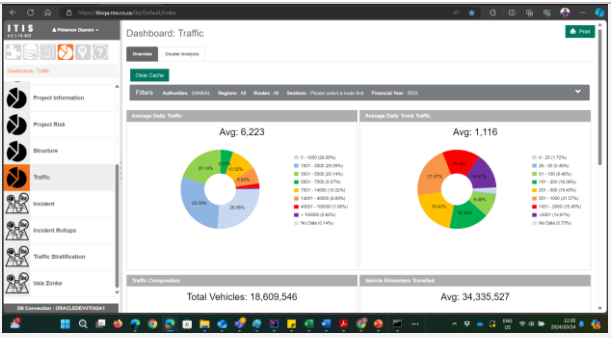
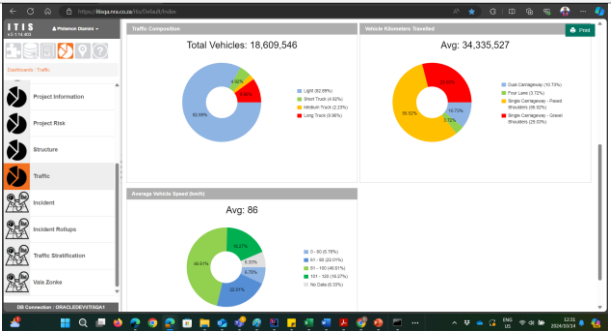
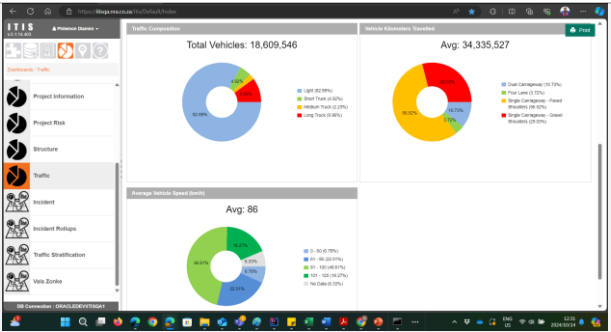


Structure

Shows the Project Update Timeline, Highest Project Risks, Project Risk Split by Response Strategy, Projects With Highest Risk Sum dashboards in chart / data table and summary format.

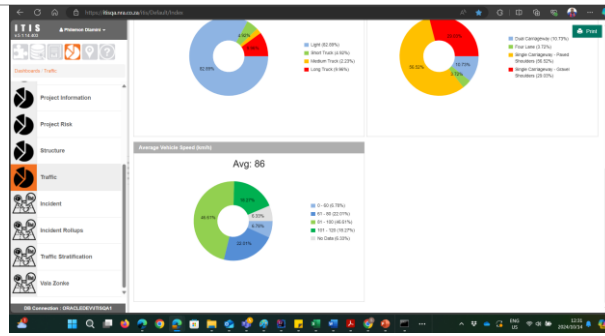
<p>Structures Overall Condition (OPI)</p>	<p>Authorities</p> <p>Regions</p> <p>Routes</p> <p>Sections</p> <p>Financial Year</p> <p>Structure Type</p> <p>Structure Status</p>		
<p>Featured Crossed</p>	<p>Authorities</p> <p>Regions</p> <p>Routes</p> <p>Sections</p> <p>Financial Year</p> <p>Structure Type</p> <p>Structure Status</p>		<p>Shows the Structures Overall Condition (OPI), Featured Crossed, Structure Type, Structure Length (m), Structure Status, Inspection Age, No Inspections, Missing Inventory dashboards in chart / summary format.</p>
<p>Structure Type</p>	<p>Authorities</p> <p>Regions</p> <p>Routes</p> <p>Sections</p> <p>Financial Year</p> <p>Structure Type</p> <p>Structure Status</p>		
<p>Structure Length (m)</p>	<p>Authorities</p> <p>Regions</p> <p>Routes</p> <p>Sections</p> <p>Financial Year</p> <p>Structure Type</p> <p>Structure Status</p>		

<p>Structure Status</p>	<p>Authorities</p> <p>Regions</p> <p>Routes</p> <p>Sections</p> <p>Financial Year</p> <p>Structure Type</p> <p>Structure Status</p>	 <p>The screenshot shows the ITIS dashboard with the 'Structure' filter selected. The 'Structure Height' chart displays an average of 6.22m with a donut chart showing 41.02% (green), 54.98% (blue), and 3.00% (red). The 'Structure Status' chart shows a total of 3,731 with a donut chart showing 97.81% (blue) and 2.19% (red). The 'Inspection Age' chart shows an average of 1.11 years with a donut chart showing 90.00% (blue), 9.00% (purple), and 1.00% (red). The 'Missing Inspections' chart shows a total of 4 with a donut chart showing 100.00% (orange).</p>	
<p>Structure Height (m)</p>	<p>Authorities</p> <p>Regions</p> <p>Routes</p> <p>Sections</p> <p>Financial Year</p> <p>Structure Type</p> <p>Structure Status</p>	 <p>The screenshot shows the ITIS dashboard with the 'Structure' filter selected. The 'Structure Height' chart displays an average of 6.22m with a donut chart showing 41.02% (green), 54.98% (blue), and 3.00% (red). The 'Structure Status' chart shows a total of 3,731 with a donut chart showing 97.81% (blue) and 2.19% (red). The 'Inspection Age' chart shows an average of 1.11 years with a donut chart showing 90.00% (blue), 9.00% (purple), and 1.00% (red). The 'Missing Inspections' chart shows a total of 4 with a donut chart showing 100.00% (orange).</p>	
<p>Inspection Age</p>	<p>Authorities</p> <p>Regions</p> <p>Routes</p> <p>Sections</p> <p>Financial Year</p> <p>Structure Type</p> <p>Structure Status</p>	 <p>The screenshot shows the ITIS dashboard with the 'Inspection Age' filter selected. The 'Inspection Age' chart displays an average of 1.11 years with a donut chart showing 90.00% (blue), 9.00% (purple), and 1.00% (red). The 'Missing Inspections' chart shows a total of 3,731 with a donut chart showing 100.00% (green). The 'Structure Height' chart shows an average of 6.22m with a donut chart showing 41.02% (green), 54.98% (blue), and 3.00% (red). The 'Structure Status' chart shows a total of 4 with a donut chart showing 100.00% (orange).</p>	
<p>No Inspections</p>	<p>Authorities</p> <p>Regions</p> <p>Routes</p> <p>Sections</p> <p>Financial Year</p> <p>Structure Type</p> <p>Structure Status</p>	 <p>The screenshot shows the ITIS dashboard with the 'Inspection Age' filter selected. The 'Inspection Age' chart displays an average of 1.11 years with a donut chart showing 90.00% (blue), 9.00% (purple), and 1.00% (red). The 'Missing Inspections' chart shows a total of 3,731 with a donut chart showing 100.00% (green). The 'Structure Height' chart shows an average of 6.22m with a donut chart showing 41.02% (green), 54.98% (blue), and 3.00% (red). The 'Structure Status' chart shows a total of 4 with a donut chart showing 100.00% (orange).</p>	

<p>Missing Inventory</p>	<p>Authorities</p> <p>Regions</p> <p>Routes</p> <p>Sections</p> <p>Financial Year</p> <p>Structure Type</p> <p>Structure Status</p>		
<p><i>Traffic - Overview</i></p>			
<p>Average Daily Traffic</p>	<p>Authorities</p> <p>Regions</p> <p>Routes</p> <p>Sections</p> <p>Financial Year</p>		
<p>Average Daily Truck Traffic</p>	<p>Authorities</p> <p>Regions</p> <p>Routes</p> <p>Sections</p> <p>Financial Year</p>		<p>Shows the Average Daily Traffic, Average Daily Truck Traffic, Traffic Composition, Vehicle Kilometres Travelled, Average Vehicle Speed (km/h) dashboards in chart / summary format.</p>
<p>Traffic Composition</p>	<p>Authorities</p> <p>Regions</p> <p>Routes</p> <p>Sections</p> <p>Financial Year</p>		
<p>Vehicle Kilometers Travelled</p>	<p>Authorities</p> <p>Regions</p> <p>Routes</p> <p>Sections</p> <p>Financial Year</p>		

Average Vehicle
Speed (km/h)

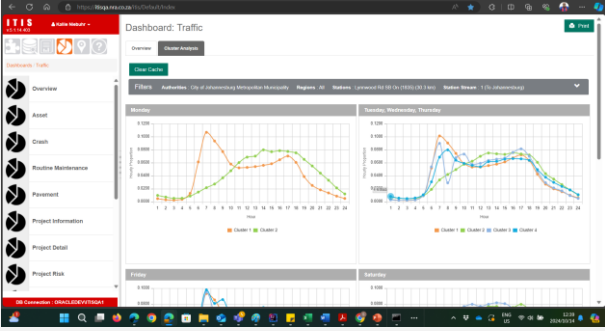
Authorities
Regions
Routes
Sections
Financial Year



Traffic – Cluster Analysis

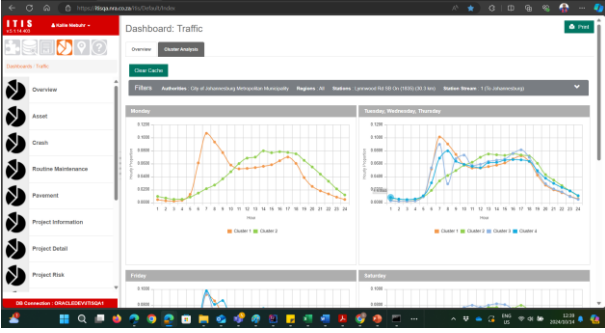
Monday

Authorities
Regions
Stations
Station Stream



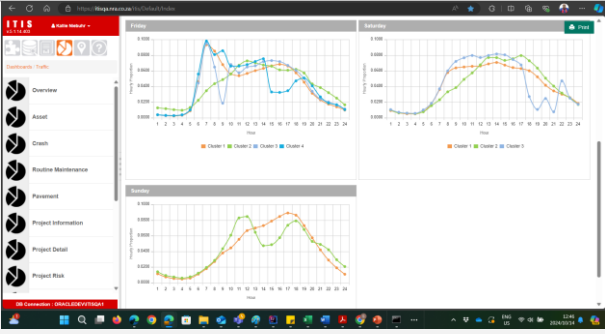
**Tuesday,
Wednesday,
Thursday**

Authorities
Regions
Stations
Station Stream



Friday

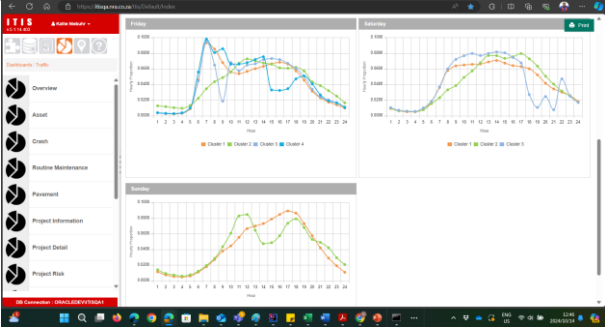
Authorities
Regions
Stations
Station Stream



Shows the Monday Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday dashboards in graphs format.

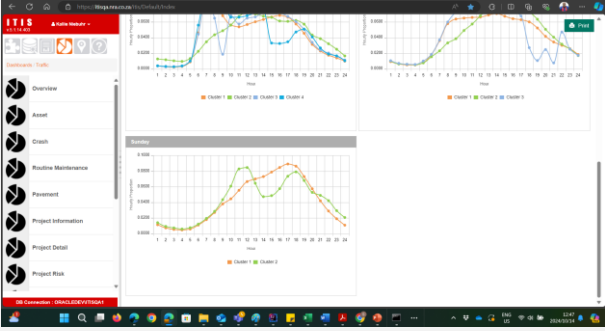
Saturday

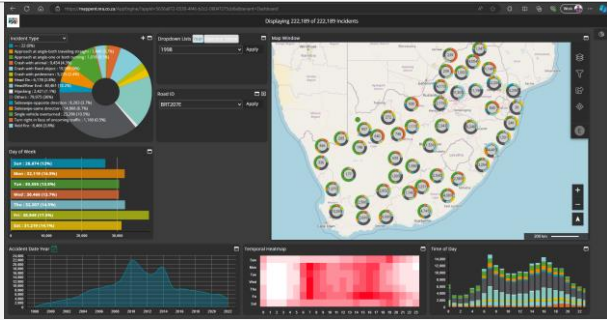
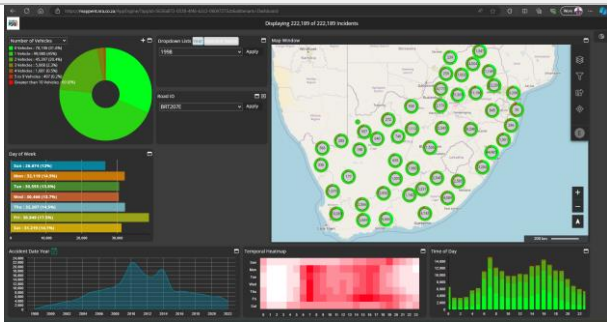
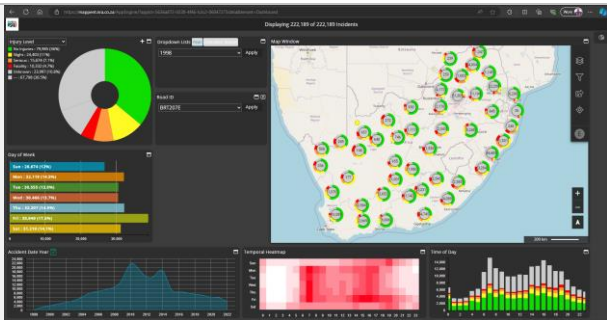
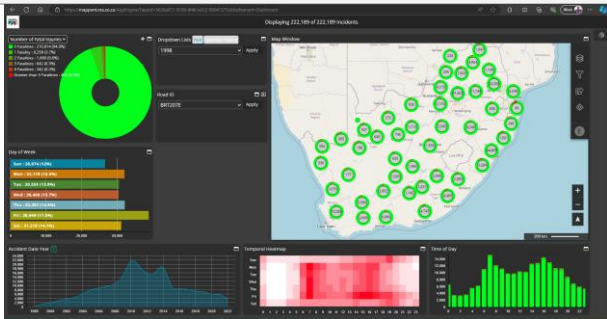
Authorities
Regions
Stations
Station Stream

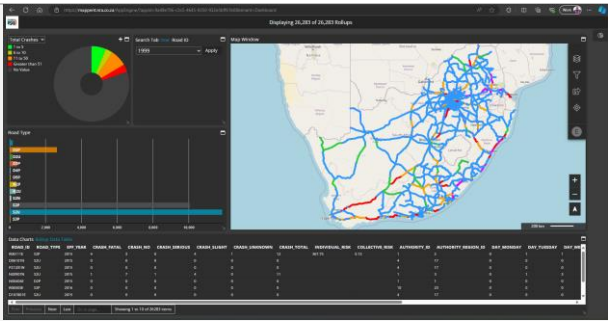
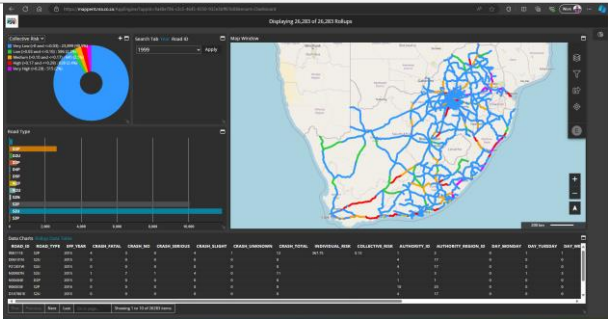
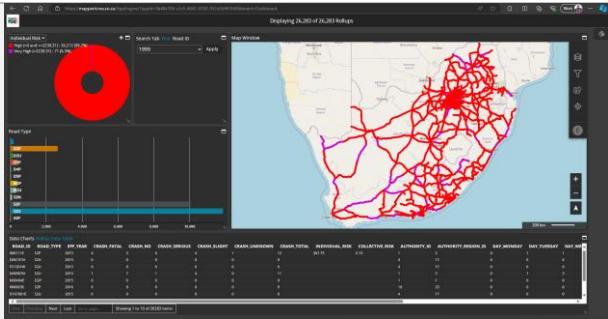


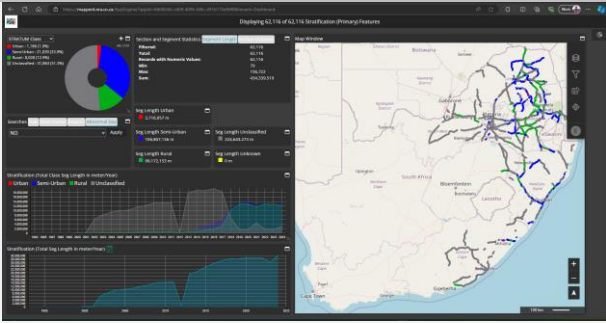
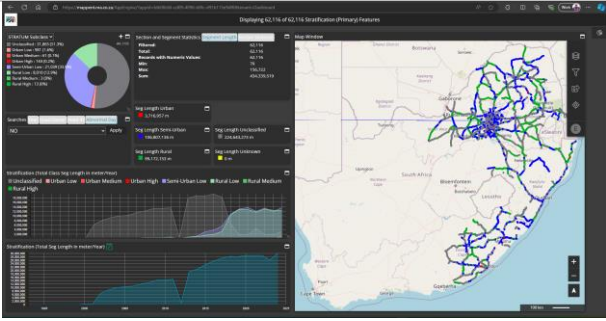
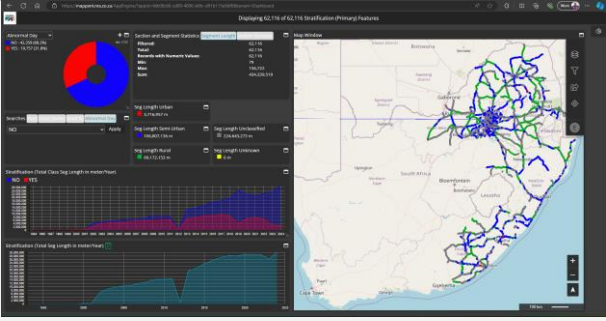

Sunday

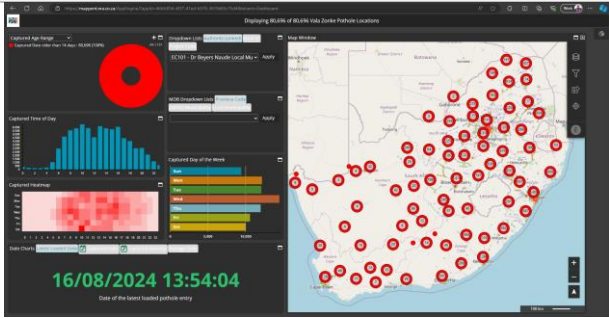
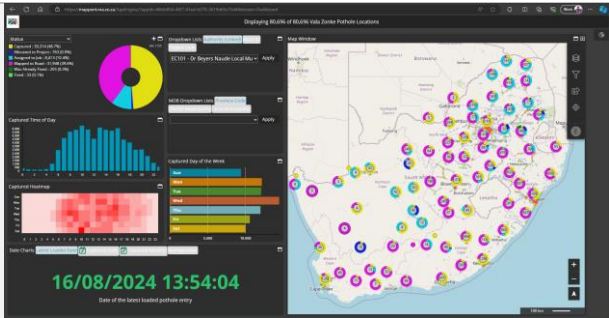
Authorities
Regions
Stations
Station Stream

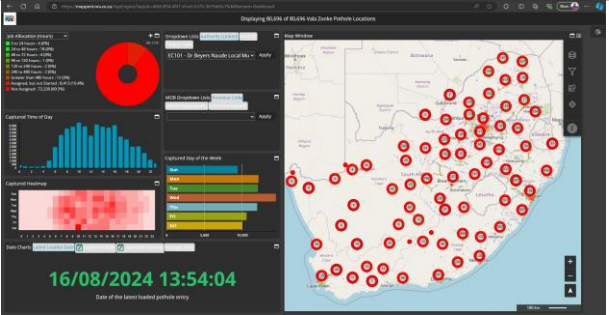
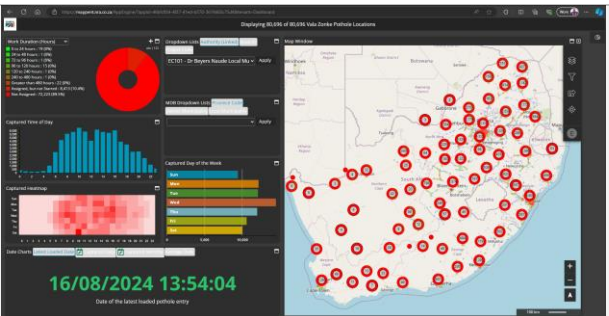


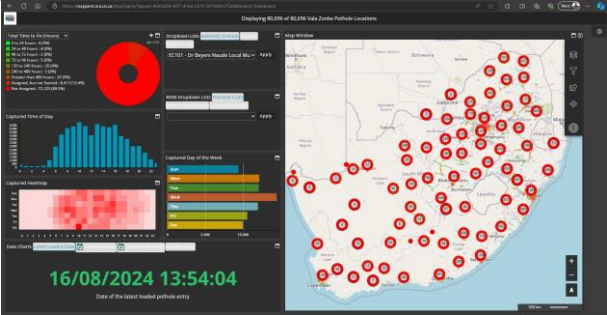
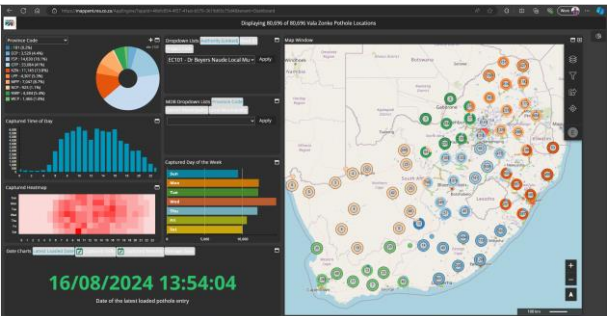
Incident			<ul style="list-style-type: none"> Shows pie charts, graphs and maps of road data. Click on the pie charts, or filter Road ID (for example) and the system displays the roads on the map that is associated with what was filtered.
Incident Type	Year Road ID Operator Name Days of Week Accident Year Temporal Heatmap Time of Day		<ul style="list-style-type: none"> Features displayed as points Shows incidents that happened at any given point. The following themes are available to render data in map <ul style="list-style-type: none"> Incident Type Number of Vehicles Injury Level Number of Fatal Injuries
Number of Vehicles	Year Road ID Operator Name Days of Week Accident Year Temporal Heatmap Time of Day		<ul style="list-style-type: none"> Data can be further filtered out by: <ul style="list-style-type: none"> Year Operator Name Road ID
Injury Level	Year Road ID Operator Name Days of Week Accident Year Temporal Heatmap Time of Day		<ul style="list-style-type: none"> Additional charts include: <ul style="list-style-type: none"> Day of Week (Row chart) Accident Date Year (Date line chart) Temporal Heatmap (Day of week and time of day) Time of day (Bar chart)
Number of Fatal Injuries	Year Road ID Operator Name Days of Week Accident Year Temporal Heatmap Time of Day		<ul style="list-style-type: none"> Number of Vehicles (Bar chart) Fatal Injuries (Bar chart) Data Table (showing various attributes)

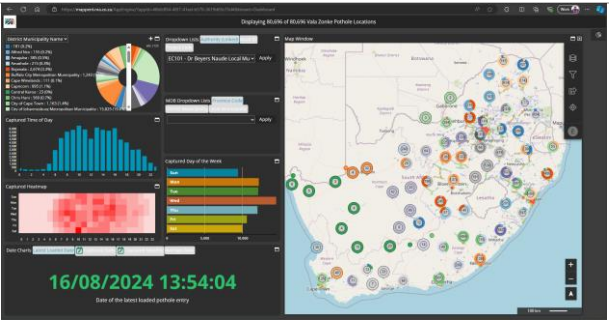
Incident Rollups			
Total Crashes	Year Road ID Road Type		<ul style="list-style-type: none"> • Features displayed as lines • Shows incident rollups on any given Road ID • The following themes are available to render data in map <ul style="list-style-type: none"> ○ Individual Risk ○ Collective Risk ○ Total Crashes • Data can be further filtered out by: <ul style="list-style-type: none"> ○ Year ○ Road ID • Additional charts include: <ul style="list-style-type: none"> ○ Road Type (Row chart) ○ Rollup Data Table (showing various attributes) ○ Collection of line charts: ○ Crash Severity ○ Crash Type ○ Injury Type ○ Day of Week ○ Light Conditions ○ Weather Conditions • Total Crashes (Bar chart) • Tooltip Data Table, showing pie charts for each Road ID. Pie charts include: <ul style="list-style-type: none"> ○ Severity of Crash ○ Injury Type ○ Crash Type ○ Day of Week ○ Light Conditions ○ Weather Conditions
Collective Risk	Year Road ID Road Type		
Individual Risk	Year Road ID Road Type		
Traffic Stratification			

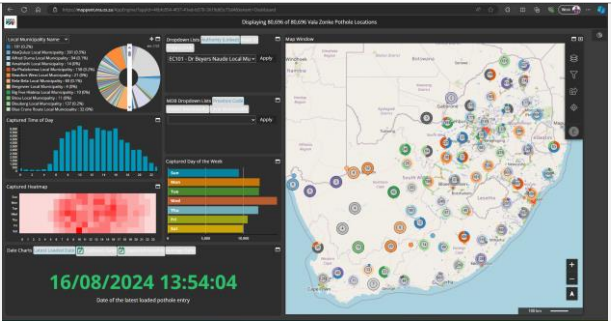
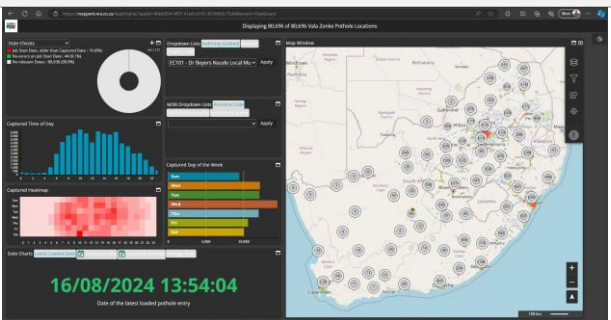
STRATUM Class	Segment Length Section Distance Year Road Owner Road ID Abnormal Day		<ul style="list-style-type: none"> • Features displayed as lines • Shows Stratum data per Road ID • The following themes are available: <ul style="list-style-type: none"> • Stratum Class • Stratum Subclass • Abnormal Day • Road Owner • Data can be further filtered out by: <ul style="list-style-type: none"> • Year • Road Owner • Road ID • Abnormal Day • Additional charts include: <ul style="list-style-type: none"> • Statistics for • Segment Length • Section Distance • Various Number charts showing: <ul style="list-style-type: none"> • Segment Length Urban • Segment Length Semi-Urban • Segment Length Rural • Segment Length Unclassified • Segment Length Unknown • Stratification (Total Class Segment Length) • Stratification (Total Segment Length) • Data Table (showing various attributes) • Heatmaps: <ul style="list-style-type: none"> • Stratum Class vs Subclass Factor • Stratum Class vs Hour • Stratum Subclass vs Hour 	
STRATUM Subclass	Segment Length Section Distance Year Road Owner Road ID Abnormal Day			
Abnormal Day	Segment Length Section Distance Year Road Owner Road ID Abnormal Day			
Vala Zonke Authority (Linked)			<ul style="list-style-type: none"> • Features displayed as points • Shows pothole data reported by public • The following themes are available to render data in map <ul style="list-style-type: none"> ○ Authority (Linked) ○ Captured Age Range ○ Status ○ Job Allocation (Hours) ○ Work Duration (Hours) ○ Total Time to Fix (Hours) ○ Province Code ○ District Municipality Name ○ Local Municipality Name ○ Date Checks • Data can be further filtered out by: <ul style="list-style-type: none"> ○ Authority (Linked) 	

	Average Daily		<ul style="list-style-type: none"> ○ Road ID ○ Project Code ○ Province Code ○ District Municipality ○ Local Municipality
Captured Age Range	Authority (Linked) Road ID Project Code Province Code District Municipality Local Municipality Capture Heatmap Captured Day of the Week Latest Loaded Date Captured Daily Captured Monthly Average Daily		<ul style="list-style-type: none"> • Additional charts include: <ul style="list-style-type: none"> ○ Captured Time of Day (Bar chart) ○ Captured Heatmap (Day of week vs hour of day) ○ Captured Day of Week (Row chart) ○ Date charts ○ Latest Loaded Date ○ Captured Daily ○ Captured Monthly ○ Average Daily • Data Table (showing various attributes of reported potholes) • Various heatmap charts: <ul style="list-style-type: none"> ○ Province per Captured Age Range ○ Province per Job Allocation ○ Province per Work Duration ○ Province per Total Time to Fix
Status	Authority (Linked) Road ID Project Code Province Code District Municipality Local Municipality Capture Heatmap Captured Day of the Week Latest Loaded Date Captured Daily Captured Monthly Average Daily		

Job Allocation (Hours)	<p>Authority (Linked)</p> <p>Road ID</p> <p>Project Code</p> <p>Province Code</p> <p>District Municipality</p> <p>Local Municipality</p> <p>Capture Heatmap</p> <p>Captured Day of the Week</p> <p>Latest Loaded Date</p> <p>Captured Daily</p> <p>Captured Monthly</p> <p>Average Daily</p>		
Work Duration (Hours)	<p>Authority (Linked)</p> <p>Road ID</p> <p>Project Code</p> <p>Province Code</p> <p>District Municipality</p> <p>Local Municipality</p> <p>Capture Heatmap</p> <p>Captured Day of the Week</p> <p>Latest Loaded Date</p> <p>Captured Daily</p> <p>Captured Monthly</p> <p>Average Daily</p>		

<p>Total Time to Fix (Hours)</p>	<p>Authority (Linked)</p> <p>Road ID</p> <p>Project Code</p> <p>Province Code</p> <p>District Municipality</p> <p>Local Municipality</p> <p>Capture Heatmap</p> <p>Captured Day of the Week</p> <p>Latest Loaded Date</p> <p>Captured Daily</p> <p>Captured Monthly</p> <p>Average Daily</p>		
<p>Province Code</p>	<p>Authority (Linked)</p> <p>Road ID</p> <p>Project Code</p> <p>Province Code</p> <p>District Municipality</p> <p>Local Municipality</p> <p>Capture Heatmap</p> <p>Captured Day of the Week</p> <p>Latest Loaded Date</p> <p>Captured Daily</p> <p>Captured Monthly</p> <p>Average Daily</p>		

<p>District Municipality Name</p>	<p>Authority (Linked)</p> <p>Road ID</p> <p>Project Code</p> <p>Province Code</p> <p>District Municipality</p> <p>Local Municipality</p> <p>Capture Heatmap</p> <p>Captured Day of the Week</p> <p>Latest Loaded Date</p> <p>Captured Daily</p> <p>Captured Monthly</p> <p>Average Daily</p>		
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<p>Local Municipality Name</p>	<p>Authority (Linked)</p> <p>Road ID</p> <p>Project Code</p> <p>Province Code</p> <p>District Municipality</p> <p>Local Municipality</p> <p>Capture Heatmap</p> <p>Captured Day of the Week</p> <p>Latest Loaded Date</p> <p>Captured Daily</p> <p>Captured Monthly</p> <p>Average Daily</p>		
<p>Data Checks</p>	<p>Authority (Linked)</p> <p>Road ID</p> <p>Project Code</p> <p>Province Code</p> <p>District Municipality</p> <p>Local Municipality</p> <p>Capture Heatmap</p> <p>Captured Day of the Week</p> <p>Latest Loaded Date</p> <p>Captured Daily</p> <p>Captured Monthly</p> <p>Average Daily</p>		

Signed:.....

Date:.....

Name:.....

Position:.....

Tenderer:.....