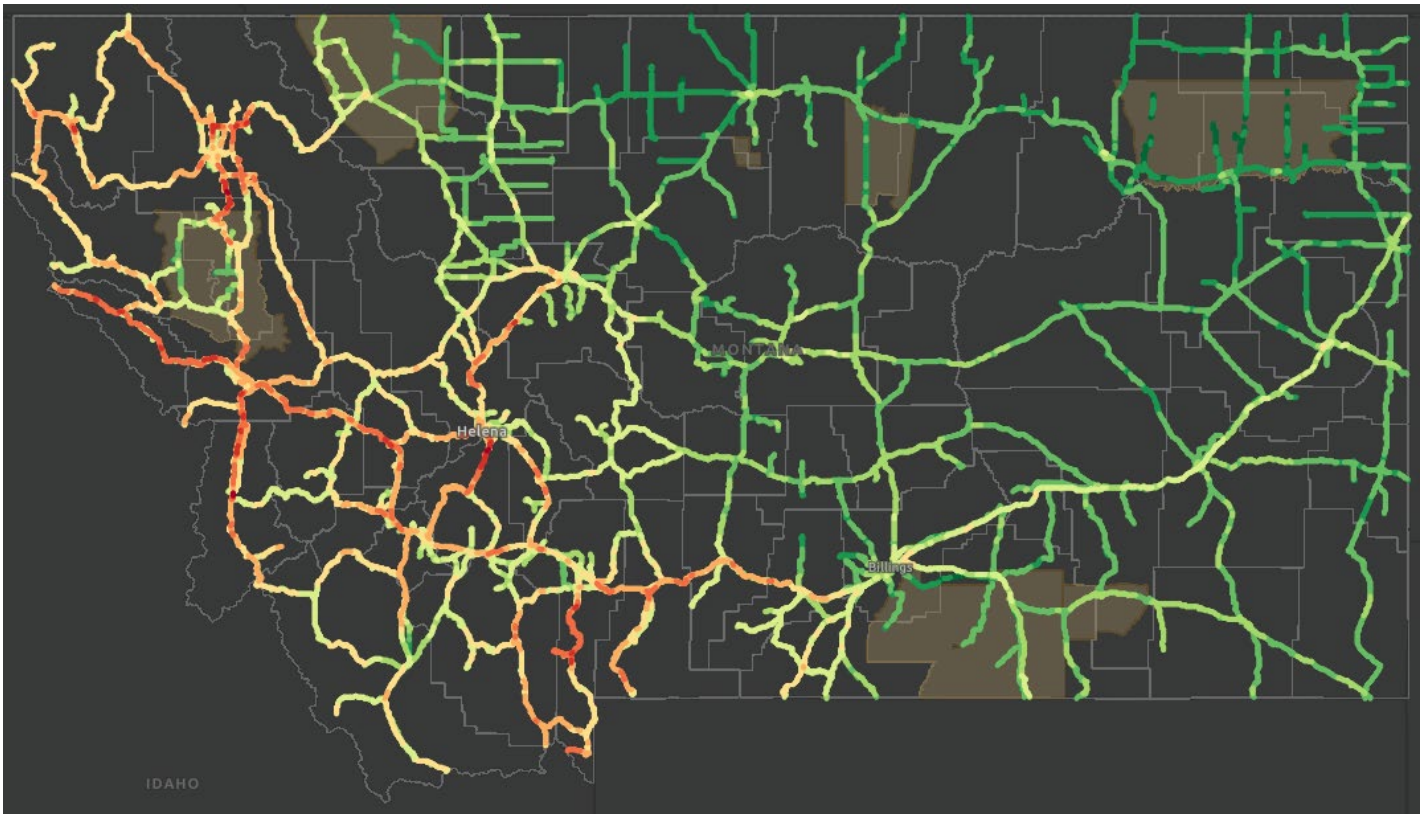
MONTANA WILDLIFE & TRANSPORTATION PLANNING TOOL HELP GUIDE



PREPARED BY MONTANA DEPARTMENT OF TRANSPORTATION (MDT)

IN COOPERATION WITH

MONTANA FISH, WILDLIFE & PARKS (FWP)

MONTANANS FOR SAFE WILDLIFE PASSAGE (MSWP)

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TABLE OF CONTENTS

Overview 1

Frequently asked Questions 1

Final Analysis Map 2

1. Map Options 3
2. Navigation Tools 4
3. Analysis Tools 4
4. Open Attribute Table 5

Individual Criteria Maps 5

MDT District Maps 6

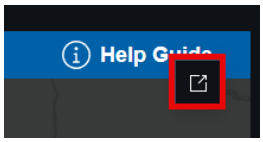
Contacts, Questions, or Comments 6

OVERVIEW

This help guide is intended to assist users to navigate, explore, and extract information from the Montana Wildlife & Transportation (MWT) Planning Tool. The help guide will provide technical assistance in each section of the MWT Planning tool.

FREQUENTLY ASKED QUESTIONS

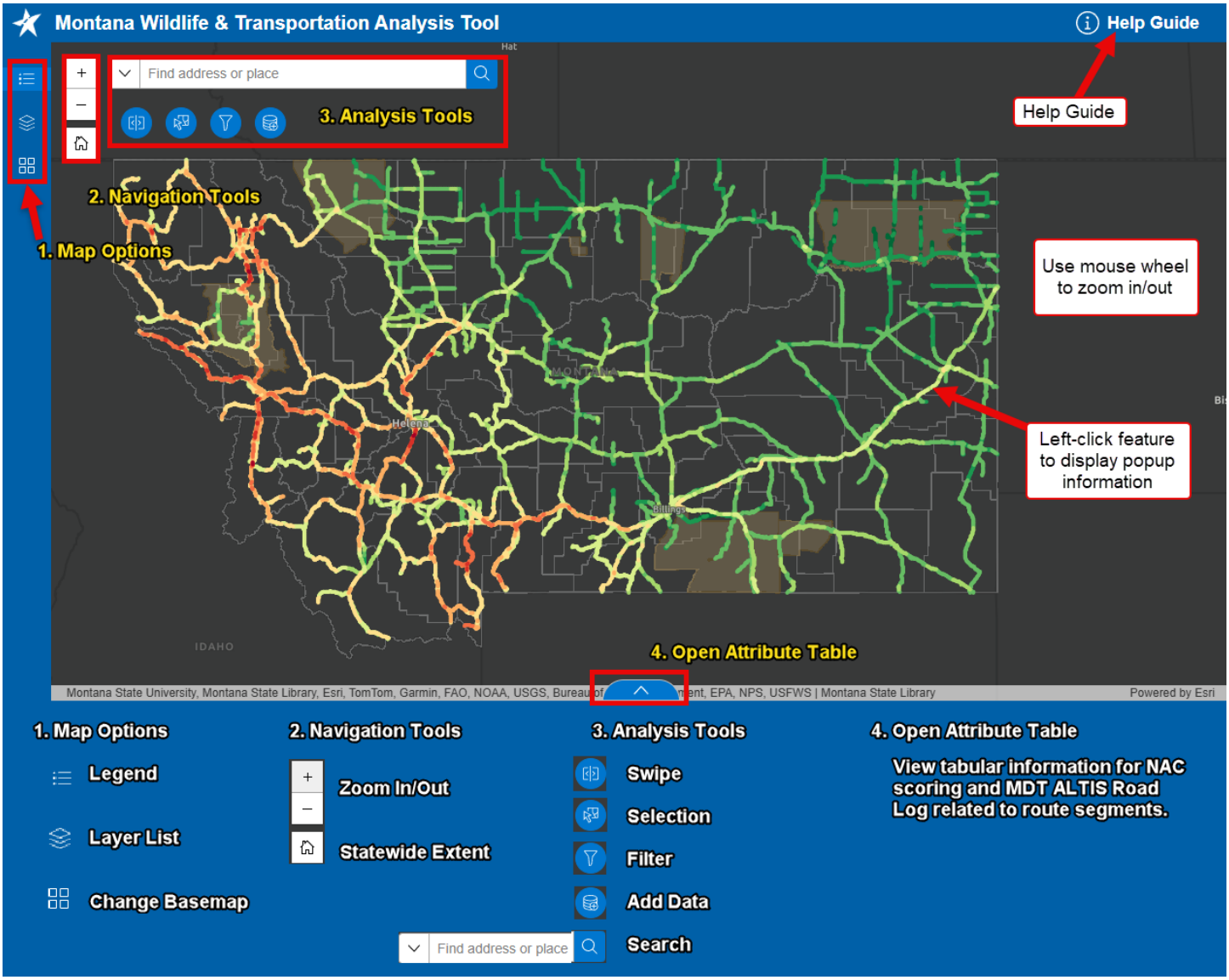
- The Montana Wildlife & Transportation Planning Tool is best viewed on a desktop computer or laptop. Usability is diminished when using mobile platforms.
- When using the Final Analysis Map, it is recommended to click the **Open Live Content in New Tab**. This provides enhanced functionality for the Final Analysis Map.



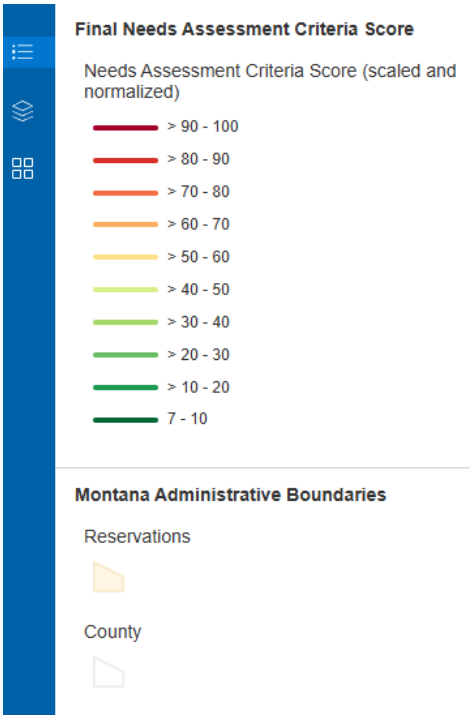
- Hovering your cursor over a button displays helpful tips about the button or what the button does.

FINAL ANALYSIS MAP

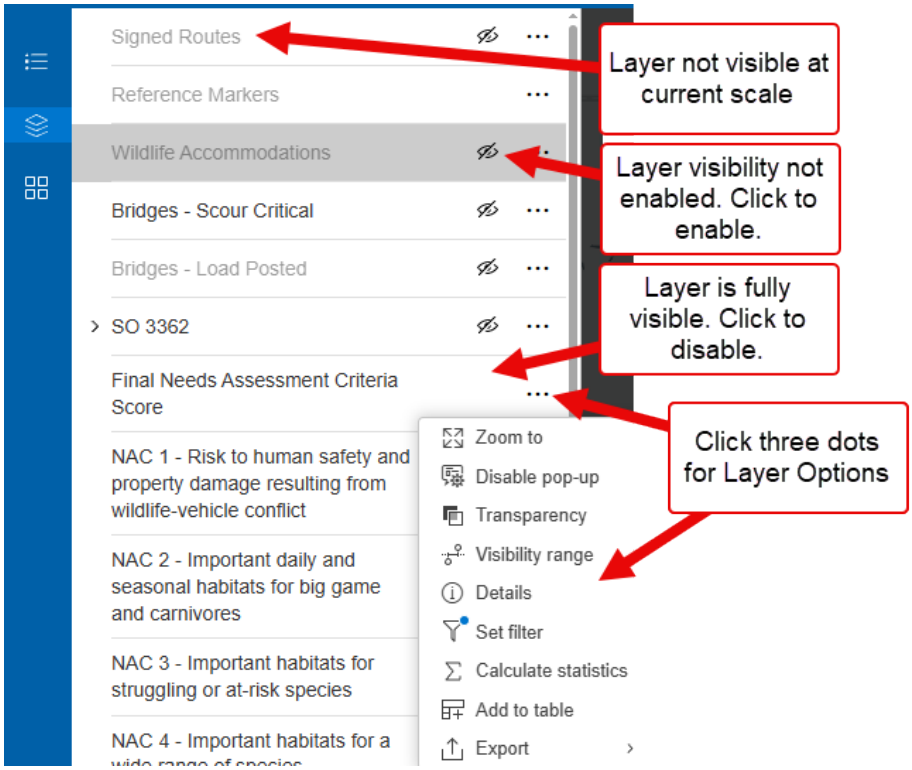
The Final Analysis Map is a comprehensive map containing all information pertaining to the Needs Assessment Criteria. The tool allows the user to Select, Export, Filter, and Add Data.



1. MAP OPTIONS



LEGEND – The map legend displays the symbology for all layers which are visible. Updates dynamically as layers are turned on/off in the Layer List.



LAYER LIST – Displays layers available in the tool. Enable visibility on layers to dictate what shows up on the map. Left clicking on a layer in the map will display more information about the feature in a popup. Layer Options include:

- Zoom To: Either zooms to full extent of a layer, or if there is a scale-dependency, to the scale where it will be visible.
- Enable/Disable Pop-up: Dictates whether a left-click in the map will open a popup with more feature details.
- Transparency: Set transparency by percentage where 0% is solid and 100% is fully transparent.
- Visibility Range: Changes scale at which a layer is visible.
- Details: Opens the layer source in another browser tab.
- Set Filter: Apply a query to show specified features.
- Calculate Statistics: View various statistics for an attribute in the layer.
- Add to Table: Allows Attribute Table to be viewed in the Open Attribute Table tool.
- Export: Export layer data as tabular or spatial dataset.

BASEMAP – Open Basemap Gallery which allows user to change from the default, Dark Gray Canvas background, to another background option including Topographic, Imagery, and Light Gray Canvas.

2. NAVIGATION TOOLS



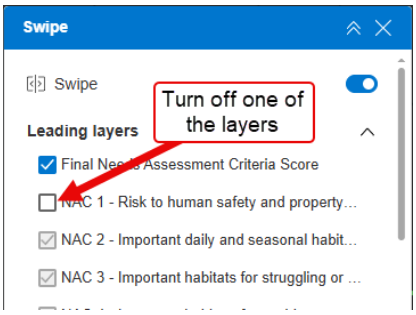
Zoom in map extent

Zoom out map extent

Zoom and Pan to Statewide

3. ANALYSIS TOOLS

SWIPE TOOL – Compare two layers by overlapping them and dragging the swipe tool to dynamically turn off the top layer. Only the Final NAC score, individual NAC Criteria, and Traffic Yearly Counts may be compared.

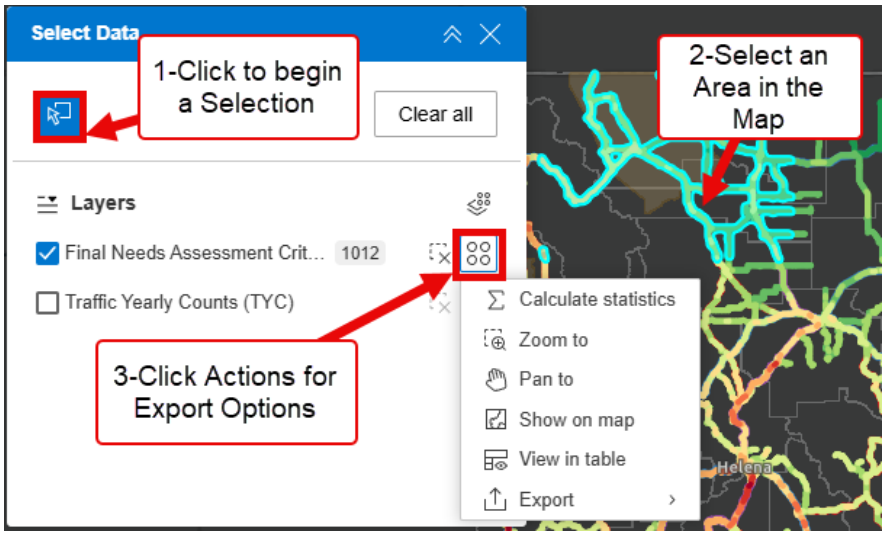


1. Make the two layers to be compared visible in the Layers List.
2. Open **Swipe Tool** and expand **Leading Layers.**
   a. **Leading Layers** is the top, primary layer and will be focused on the left side of the map.
3. **Uncheck** the second layer that is not the primary.
4. Expand **Trailing Layers** and **Uncheck** the primary layer.
5. A slider bar will show in the middle of the map.
6. Left-click and drag the bar to dynamically adjust the Leading Layer visibility.



SELECTION TOOL – Allows selection and export of Final Needs Assessment Criteria data and Traffic Yearly Counts.

1. Click the **Select by Rectangle** button.
2. Left-click the mouse in the map, drag the interactively see what will be selected, and release mouse to complete selection. Selected features will highlight in blue.
3. Click the **Actions** button next to the layer name.
4. The primary action is **Export**, which allows an export of the selected data to a tabular or spatial format.



FILTER TOOL – Show route segments within a defined Final NAC Score. Input minimum value and a maximum value between 0 and 100. For example, to show all segments with a Final NAC Score greater than 75, enter a '75' in the first blank space and '100' in the second blank space.

ADD DATA TOOL – Temporarily add data from an external source to the tool. There are three options for adding data:

- **Search** – Browse for layers in ArcGIS Online, whether it is the Living Atlas or your own Content.
- **URL** – Add data from a web service url.
- **File** – Add data from your computer. Formats include Shapefile, CSV, KML, GeoJSON, GPX, and FGDB.

4. OPEN ATTRIBUTE TABLE

- Open the Attribute Table by clicking the up-arrow button at the bottom of the screen.
- The Attribute Table displays NAC scores and route segment data from the MDT ALTIS Road Log.
- Select a row to highlight the feature in the map.
- Explore the Actions button in the upper right to apply attribute filters, navigation, and **Export NAC data** to CSV or as a spatial dataset.
- Additional tables may be added by selecting the **Add to Table** option in the Layers List map options.

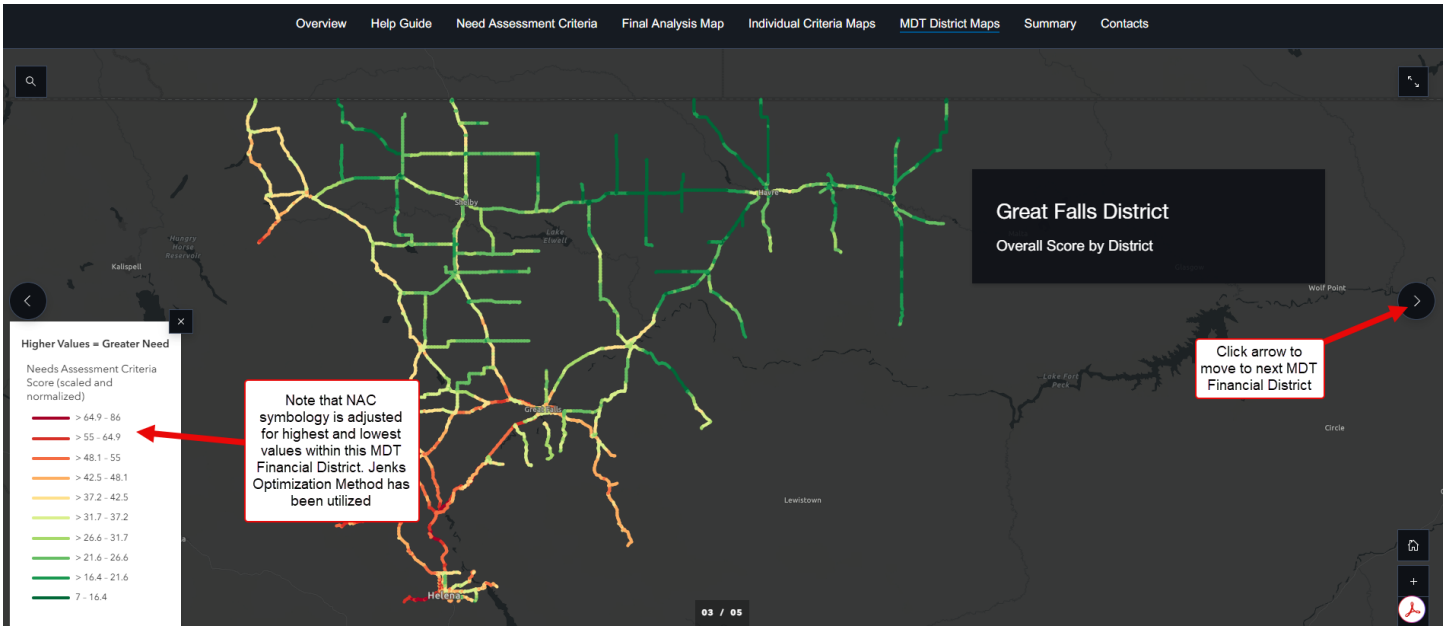
INDIVIDUAL CRITERIA MAPS

Individual Criteria maps use a scrolling feature and as the user scrolls up or down, the NAC map changes.



MDT DISTRICT MAPS

MDT District maps display Final Needs Assessment Criteria Scores based on each MDT Financial District – Missoula, Butte, Great Falls, Glendive, and Missoula. NAC score symbology is relative to the district (i.e. red are the highest scores for that District).



CONTACTS, QUESTIONS, OR COMMENTS

Brian Klapstein – GeoInfo Section Supervisor @ MDT – bklapstein@mt.gov, 406-444-7289