

Lane Mile Calculator

The screenshot shows a web application titled "Lane Mile Calculator". It features two columns of input fields: "Primary Travelway" and "Opposing Travelway". Each column contains three text boxes for "TWAY_ID", "BEG_LOG", and "END_LOG". Below the "Primary Travelway" fields is a "Run Query" button, and below the "Opposing Travelway" fields is another "Run Query" button. A central "Open Report" button is positioned below both "Run Query" buttons. At the bottom left of the interface is a "Delete Previous Records" button. Below the input fields, a series of seven numbered steps provide instructions for using the tool: Step 1: Click 'Enable Content' at the top; Step 2: Enter Travelway_ID; Step 3: Enter Beg_Log and End_Log; Step 4: Click Run Query (this will take 30 seconds, be patient); Step 5: If you want the lane miles in opposing travelway, repeat steps 1-3; Step 6: Click Open Report to view the results; Step 7: Click Delete Previous Records, if performing multiple requests.

Description

This tool allows design team members to calculate the lane miles for a resurfacing project. Asset Management requires us to report the number of lane miles being resurfaced. This tool queries the TMS database to produce the information in seconds. The user will input the Travelway_ID, Beginning Log and End Log then click Run Query. If they want the lane miles in the opposing direction, they can enter it at the same time and click 'Run Query' again. If records need to be deleted, there is a button to remove past query results and start over.

Benefit

Alternate methods to calculate lane miles are inaccurate and a much slower process. The lane mile calculator saves time by allows data to be queried with a simple user interface with only a few pieces of information and produces accurate results.

Materials and Labor

There were no cost of materials and total amount of time was 2 hours.

For More Information Contact

Griffin Smith griffin.smith@modot.mo.gov or (816) 607-2108.

Additional information, photos or videos can be seen by accessing Innovations Challenge SharePoint page at: <http://sharepoint/systemdelivery/TP/Documents/InnovationsChallenge.aspx>

