

# Traffic Management System (Traffic Segment Hourly Volume)

April 2016

## Transportation Planning

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|   |           |
|---|-----------|
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## **Contacts**

Following is a list of contact numbers if you have any questions regarding the material contained in this manual.

**TMS Help Desk:** Any questions pertaining to TMS.

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## Traffic Segment Hourly Volume

Hourly traffic volume may need to be reviewed to determine what level of traffic impact a work zone or restriction may have on a specific travelway. The Traffic Segment Hourly Volume application in TMS can be utilized to forecast hourly traffic volumes for a specific segment of highway.

**Reminder: This application was designed to be used as a forecasting resource for hourly traffic volumes; it only shows traffic volumes in the past.**

The following procedures explain the navigational process to view the hourly traffic volumes for a specific route.

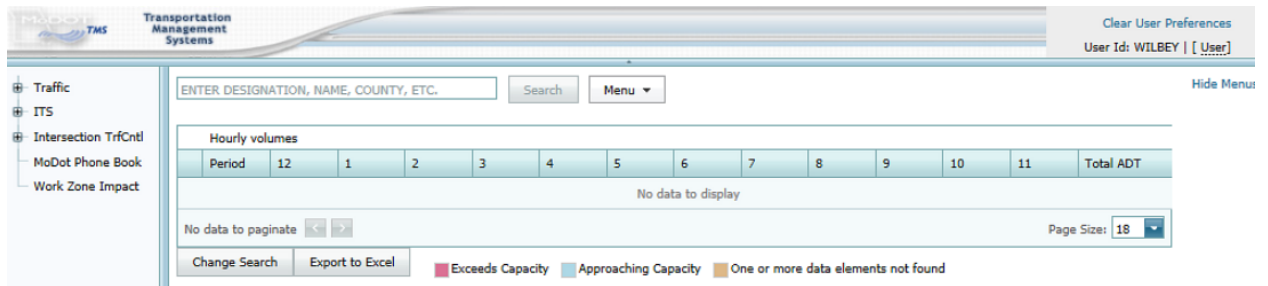
- Go to the MoDOT SharePoint page and click on the “TMS” button below.




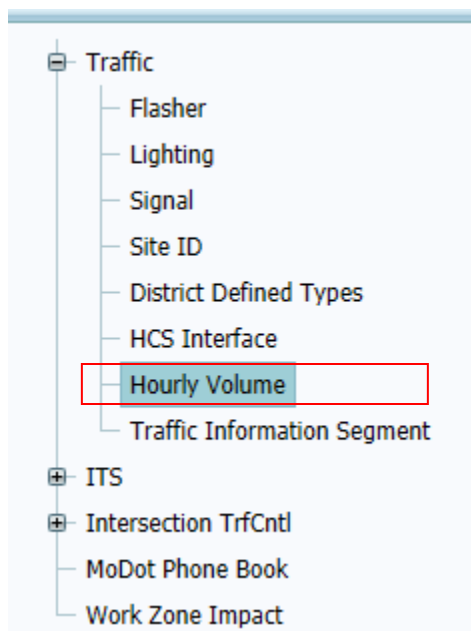
- Click on “Traffic Management System”, and then click on “Traffic Segment Hourly Volume”.



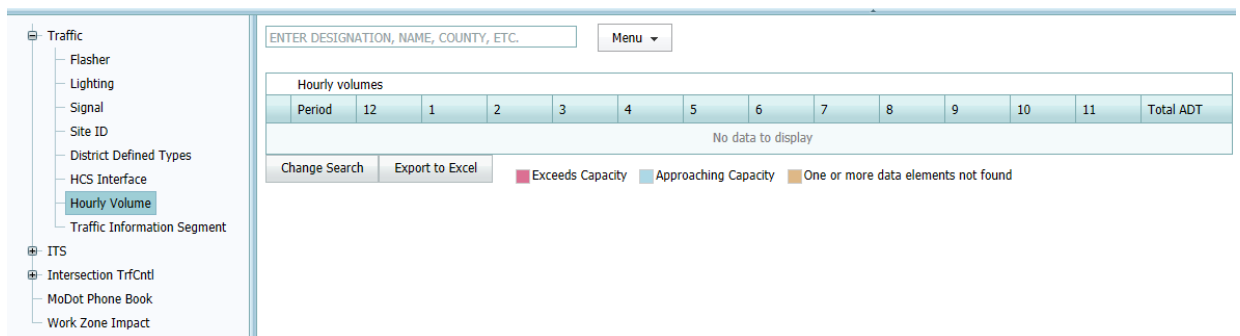
The “Traffic Segment Hourly Volume” web page displays.



- Click on the  sign next to “Traffic”. This will open applications under the Traffic area.
- Click on “Hourly Volume”.



- This opens the application web page below.



## Location Referencing System (Fuzzy Search)

Many of the maintenance or browsing applications in TMS require a travelway – usually a portion of a travelway or a specific travelway location – to be selected before viewing the information needed. The Travelway Selection Component is used to make this selection.

There are two steps in selecting a travelway. The first step is to enter criteria that will show a list of travelways. The second step is to identify the travelway with begin and end logs.

Rather than list all travelways, the list can be limited to travelways meeting certain criteria (for example, all Missouri numbered routes in Cole County or eastbound travelways in Oregon County).

There is a new way to search for a travelway in the system called the “Fuzzy Search”.

- Type in any part of the travelway designation or any part of the name, and a selection of the travelway will be displayed.
- For example, type “IS 70 E”, and the following results will be displayed.

| IS 70 E            | Search By | Menu                     |
|--------------------|-----------|--------------------------|
| IS 70 E            | 0         | 250.066 (JACKSON)        |
| IS 70 E SALINE     | 62.577    | 86.723 SALINE            |
| IS 70 E COOPER     | 86.723    | 114.717 COOPER           |
| IS 70 E LAFAYETTE  | 29.173    | 62.577 LAFAYETTE         |
| IS 70 E CALLAWAY   | 136.582   | 164.753 CALLAWAY         |
| IS 70 E JACKSON    | 0         | 29.173 JACKSON           |
| IS 70 E MONTGOMERY | 164.753   | 186.103 MONTGOMERY       |
| IS 70 E WARREN     | 186.103   | 203.353 WARREN           |
| IS 70 E BOONE      | 114.717   | 136.582 BOONE            |
| IS 70 E NORMANDY   | 240.621   | 241.213 City of NORMANDY |
| IS 70 E EMMA       | 62.366    | 62.644 City of EMMA      |

Click on row to select.

Cancel

- The top 50 results will be displayed. The hierarchy will be the entire route, followed by routes within counties, and then within cities.

| IS 70 E            | Search By | Menu                     |
|--------------------|-----------|--------------------------|
| IS 70 E            | 0         | 250.066 (JACKSON)        |
| IS 70 E SALINE     | 62.577    | 86.723 SALINE            |
| IS 70 E COOPER     | 86.723    | 114.717 COOPER           |
| IS 70 E LAFAYETTE  | 29.173    | 62.577 LAFAYETTE         |
| IS 70 E CALLAWAY   | 136.582   | 164.753 CALLAWAY         |
| IS 70 E JACKSON    | 0         | 29.173 JACKSON           |
| IS 70 E MONTGOMERY | 164.753   | 186.103 MONTGOMERY       |
| IS 70 E WARREN     | 186.103   | 203.353 WARREN           |
| IS 70 E BOONE      | 114.717   | 136.582 BOONE            |
| IS 70 E NORMANDY   | 240.621   | 241.213 City of NORMANDY |
| IS 70 E EMMA       | 62.366    | 62.644 City of EMMA      |

Click on row to select.

Cancel



- If unsure of the proper TMS designation for a route, search by prefacing the name with “Route”. By typing “Route 63”, the following listing will be displayed.

| ROUTE 63            | Search By |         | Menu     |
|---------------------|-----------|---------|----------|
| ROUTE 63 N          | 0         | 337.748 | (OREGON) |
| ROUTE 63 N OSAGE    | 158.118   | 175.79  | OSAGE    |
| ROUTE 63 N MARIES   | 132.706   | 158.118 | MARIES   |
| ROUTE 63 N HOWELL   | 14.574    | 54.081  | HOWELL   |
| ROUTE 63 N SCHUYLER | 319.989   | 337.748 | SCHUYLER |
| ROUTE 63 N ADAIR    | 296.217   | 319.989 | ADAIR    |
| ROUTE 63 N PHELPS   | 98.325    | 132.706 | PHELPS   |
| ROUTE 63 N TEXAS    | 54.081    | 98.325  | TEXAS    |
| ROUTE 63 N BOONE    | 194.801   | 238.602 | BOONE    |
| ROUTE 63 N MACON    | 265.722   | 296.217 | MACON    |
| ROUTE 63 N COLE     | 175.79    | 188.082 | COLE     |

Click on row to select.

Cancel

- Use the scroll bar on the right-hand side to scroll through the list until the desired travelway is found. The more information that is entered into the search field, the narrower the search will become.

| US 63 S OREG     | Search By |         | Menu       |
|------------------|-----------|---------|------------|
| US 63 S OREGON   | 322.641   | 337.215 | OREGON     |
| US 63 S          | 0         | 337.215 | (SCHUYLER) |
| US 63 S ADAIR    | 17.759    | 41.529  | ADAIR      |
| US 63 S HOWELL   | 283.154   | 322.641 | HOWELL     |
| US 63 S PHELPS   | 204.472   | 238.84  | PHELPS     |
| US 63 S BOONE    | 99.149    | 142.989 | BOONE      |
| US 63 S RANDOLPH | 72.041    | 99.149  | RANDOLPH   |
| US 63 S TEXAS    | 238.84    | 283.154 | TEXAS      |
| US 63 S MARIES   | 179.06    | 204.472 | MARIES     |
| US 63 S MACON    | 41.529    | 72.041  | MACON      |
| US 63 S SCHUYLER | 0         | 17.759  | SCHUYLER   |

Click on row to select.

Cancel

- Notice the log points for Oregon County are listed first.
- If the phrase is followed by a single space, it will try an exact search. If the phrase is not followed by a single space, it will try to do a partial search. For example, “MO 17” will find all routes with “17” in the name. That may not be what you want. If you know the name and how to spell it, follow it with a single trailing space like this: “MO 17 “. There is a single space after the “7”. This will find all routes with the name EXACTLY equal to “17”.

| MO 17               | Search By | Menu                       |
|---------------------|-----------|----------------------------|
| MO 17 N             | 0         | 186.87 (HOWELL)            |
| MO 17 N TEXAS       | 53.543    | 117.118 TEXAS              |
| MO 17 N MILLER      | 155.247   | 183.758 MILLER             |
| MO 17 N TEXAS       | 51.013    | 53.463 TEXAS               |
| MO 17 N SHANNON     | 53.463    | 53.543 SHANNON             |
| MO 17 N COLE        | 183.758   | 186.87 COLE                |
| MO 17 N LACLEDE     | 117.118   | 121.396 LACLEDE            |
| MO 17 N HOWELL      | 0         | 51.013 HOWELL              |
| MO 17 N PULASKI     | 121.396   | 155.247 PULASKI            |
| MO 17 N WAYNESVILLE | 135.698   | 135.76 City of WAYNESVILLE |
| MO 17 N CROCKER     | 148.21    | 150.746 City of CROCKER    |

Click on row to select.

Cancel

- “MO 17\*” – This will do a partial name search.
- “MO 17” – This will do an exact name search.

| MO 17*             | Search By | Menu                    |
|--------------------|-----------|-------------------------|
| MO 176 W           | 0         | 32.65 (TANEY)           |
| MO 176 W TANEY     | 0         | 15.481 TANEY            |
| MO 176 W STONE     | 24.263    | 32.65 STONE             |
| MO 176 W CHRISTIAN | 15.481    | 24.263 CHRISTIAN        |
| MO 177 S           | 0         | 23.132 (CAPE GIRARDEAU) |
| MO 177 N           | 0         | 23.132 (CAPE GIRARDEAU) |
| MO 171 S           | 0         | 26.003 (JASPER)         |
| MO 171 S JASPER    | 0         | 26.003 JASPER           |
| MO 175 N           | 0         | 6.501 (NEWTON)          |
| MO 175 N NEWTON    | 0         | 6.501 NEWTON            |
| MO 175 S           | 0         | 6.501 (NEWTON)          |

Click on row to select.

Cancel

- When typing “ROUTE” instead of “IS”, “US”, “MO” and “RT”, will provide the same travelways in which to choose.



| ROUTE 70              | Search By | Menu                      |
|-----------------------|-----------|---------------------------|
| ROUTE 70 W            | 0         | 250.025 (ST. LOUIS CITY)  |
| ROUTE 70 W JACKSON    | 220.815   | 250.025 JACKSON           |
| ROUTE 70 W LAFAYETTE  | 187.423   | 220.815 LAFAYETTE         |
| ROUTE 70 W SALINE     | 163.274   | 187.423 SALINE            |
| ROUTE 70 W COOPER     | 135.287   | 163.274 COOPER            |
| ROUTE 70 W BOONE      | 113.402   | 135.287 BOONE             |
| ROUTE 70 W MONTGOMERY | 63.917    | 85.257 MONTGOMERY         |
| ROUTE 70 W CALLAWAY   | 85.257    | 113.402 CALLAWAY          |
| ROUTE 70 W WARREN     | 46.671    | 63.917 WARREN             |
| ROUTE 70 W BOONVILLE  | 147.67    | 148.915 City of BOONVILLE |
| ROUTE 70 W O'FALLON   | 31.58     | 35.087 City of O'FALLON   |

Click on row to select.

Cancel

**NOTE:** "Route 70 W" will display as "IS 70 W" on the main grid.

| ROUTE 5            | Search By | Menu             |
|--------------------|-----------|------------------|
| ROUTE 5 S          | 0         | 352.765 (PUTNAM) |
| ROUTE 5 S OZARK    | 324.718   | 352.765 OZARK    |
| ROUTE 5 S LACLEDE  | 235.238   | 266.892 LACLEDE  |
| ROUTE 5 S COOPER   | 144.691   | 167.605 COOPER   |
| ROUTE 5 S WRIGHT   | 266.892   | 302.134 WRIGHT   |
| ROUTE 5 S DOUGLAS  | 302.134   | 324.718 DOUGLAS  |
| ROUTE 5 S MORGAN   | 179.293   | 208.969 MORGAN   |
| ROUTE 5 S HOWARD   | 117.355   | 144.691 HOWARD   |
| ROUTE 5 S CAMDEN   | 208.969   | 235.238 CAMDEN   |
| ROUTE 5 S CHARITON | 79.615    | 117.355 CHARITON |
| ROUTE 5 S SULLIVAN | 17.011    | 43.386 SULLIVAN  |

Click on row to select.

Cancel

**NOTE:** Use the scroll bar to locate "Route 5", because the travelway is not in the upper hierarchy of the listing.

| ROUTE AA   | Search By | Menu             |
|------------|-----------|------------------|
| ROUTE AA W | 0         | 2.407 (PERRY)    |
| ROUTE AA E | 0         | 1.461 (ANDREW)   |
| ROUTE AA S | 0         | 2.187 (STODDARD) |
| ROUTE AA S | 0         | 4.867 (CAMDEN)   |
| ROUTE AA N | 0         | 9.144 (LACLEDE)  |
| ROUTE AA N | 0         | 11.677 (BUTLER)  |
| ROUTE AA E | 0         | 9.318 (SHELBY)   |
| ROUTE AA S | 0         | 0.624 (GRUNDY)   |
| ROUTE AA E | 0         | 14.749 (MONROE)  |
| ROUTE AA E | 0         | 5.164 (GREENE)   |
| ROUTE AA E | 0         | 1.023 (RIPLEY)   |

Click on row to select.

Cancel


- Notice that “Route AA W” in Perry County is the first travelway listed. The more criteria there are in the search field, the less result there will be to sort through.

**NOTE:** For more comprehensive information about the Location Referencing System (LRS), check the LRS manual in the Training Manual section on the TMS SharePoint site. The manual is located in the Travelway Location Training Material file. The URL for the manual is:

<http://sharepoint/systemdelivery/TP/tms/Training%20Material/Forms/AllItems.aspx?RootFolder=%2Fsystemdelivery%2FTP%2Ftms%2FTraining%20Material%2FTravelway%20Location%20Training%20Material&FolderCTID=0x012000D7A1C1D45885F14F92BE8D9693B494DF&View={2AE15951-D24C-48BD-B910-A1AF44484F96}>

You can also search by entering the full description or travelway ID, as seen below.

- Click on the “Search” button.

- Choose the travelway section from the list or choose “Travelway” from the “Search By” button.
- Choose the “IS 70 E Boone” record from the top of the list.
- After the page loads, this web page displays IS 70 E through Boone County. It also displays the intersections connected to IS 70 E throughout Boone County.
- To enlarge the information, click on the arrow (  ) to the left of the screen, or click on “Hide Menus” in the upper right-hand corner.

ENTER DESIGNATION, NAME, COUNTY, ETC.  Search By  Menu  Hide Menus

| Hourly volumes - IS 70 E Begin Log: 114.717 End Log: 136.582   |      |      |      |      |      |      |      |      |      |      |      |      |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|-----------|
| Period   | 12   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | Total ADT |
| <b>Segment: MO 179 S Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 111.458 to 114.717</b>                                      |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 262  | 181  | 155  | 186  | 236  | 428  | 991  | 1595 | 1203 | 1000 | 1039 | 1095 | 17586     |
| PM   | 1057 | 1048 | 992  | 1023 | 1046 | 968  | 818  | 622  | 548  | 445  | 374  | 273  | 17586     |
| <b>Segment: .394 mile(s) after FWS CUMBERLAND CHURCH RD S Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 114.717 to 115.508</b> |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 262  | 181  | 155  | 186  | 236  | 428  | 991  | 1595 | 1203 | 1000 | 1039 | 1095 | 17586     |
| PM   | 1057 | 1048 | 992  | 1023 | 1046 | 968  | 818  | 622  | 548  | 445  | 374  | 273  | 17586     |
| <b>Segment: RT BB E Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 115.508 to 117.69</b>  |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 268  | 185  | 159  | 191  | 242  | 438  | 1014 | 1632 | 1231 | 1024 | 1064 | 1120 | 17989     |
| PM   | 1080 | 1071 | 1015 | 1047 | 1069 | 989  | 837  | 637  | 560  | 456  | 383  | 279  | 17989     |
| <b>Segment: RT J S Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 117.69 to 120.962</b>   |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 280  | 163  | 138  | 176  | 222  | 381  | 921  | 1540 | 1224 | 1107 | 1141 | 1256 | 18475     |
| PM   | 1147 | 1137 | 1093 | 1141 | 1198 | 1051 | 912  | 630  | 565  | 427  | 362  | 267  | 18475     |
| <b>Segment: US 40 E Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 121.182 to 124.406</b>                                       |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 281  | 189  | 156  | 204  | 247  | 508  | 1351 | 2265 | 1681 | 1384 | 1331 | 1382 | 23655     |
| PM   | 1433 | 1304 | 1434 | 1424 | 1477 | 1542 | 1060 | 868  | 785  | 556  | 402  | 387  | 23655     |
| <b>Segment: MO 740 E Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 124.406 to 125.547</b>                                      |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 300  | 195  | 174  | 163  | 281  | 564  | 1528 | 2829 | 2303 | 1700 | 1665 | 1720 | 31847     |
| PM   | 1810 | 1862 | 1998 | 2188 | 2345 | 2317 | 1737 | 1231 | 1143 | 821  | 585  | 390  | 31847     |

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Change Search Export to Excel ■ Exceeds Capacity ■ Approaching Capacity ■ One or more data elements not found

- Period – Is in hour increments of AM and PM from 12 AM to 11 PM.

Hourly volumes - IS 70 E Begin Log:114.716 End Log: 136.581

| Period | 12 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Total ADT |
|--------|----|---|---|---|---|---|---|---|---|---|----|----|-----------|
|--------|----|---|---|---|---|---|---|---|---|---|----|----|-----------|

- This page is divided by travelway segments. Each segment has an AM and PM traffic count.
- The numbers in the columns show the traffic counts for that particular timeframe.
- Each segment contains the name of the segment, type of roadway, date, number of lanes, capacity, cautionary and log miles for that particular segment.
- At the end of each timeframe, AM and PM, it will show the total ADT (Average Daily Traffic).

**REMINDER: The roadway type is determined by the majority of number of lanes for a travelway.**

Hourly volumes - IS 70 E Begin Log:114.717 End Log: 136.582

| Period   | 12   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | Total ADT |
|--|------|------|------|------|------|------|------|------|------|------|------|------|-----------|
| <b>Segment: MO 179 S Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 111.458 to 114.717</b>                                      |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 262  | 181  | 155  | 186  | 236  | 428  | 991  | 1595 | 1203 | 1000 | 1039 | 1095 | 17586     |
| PM   | 1057 | 1048 | 992  | 1023 | 1046 | 968  | 818  | 622  | 548  | 445  | 374  | 273  | 17586     |
| <b>Segment: .394 mile(s) after FWS CUMBERLAND CHURCH RD S Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 114.717 to 115.508</b> |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 262  | 181  | 155  | 186  | 236  | 428  | 991  | 1595 | 1203 | 1000 | 1039 | 1095 | 17586     |
| PM   | 1057 | 1048 | 992  | 1023 | 1046 | 968  | 818  | 622  | 548  | 445  | 374  | 273  | 17586     |
| <b>Segment: RT BB E Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 115.508 to 117.69</b>  |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 268  | 185  | 159  | 191  | 242  | 438  | 1014 | 1632 | 1231 | 1024 | 1064 | 1120 | 17989     |
| PM   | 1080 | 1071 | 1015 | 1047 | 1069 | 989  | 837  | 637  | 560  | 456  | 383  | 279  | 17989     |
| <b>Segment: RT J S Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 117.69 to 120.962</b>   |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 280  | 163  | 138  | 176  | 222  | 381  | 921  | 1540 | 1224 | 1107 | 1141 | 1256 | 18475     |
| PM   | 1147 | 1137 | 1093 | 1141 | 1198 | 1051 | 912  | 630  | 565  | 427  | 362  | 267  | 18475     |
| <b>Segment: US 40 E Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 121.182 to 124.406</b>                                       |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 281  | 189  | 156  | 204  | 247  | 508  | 1351 | 2265 | 1681 | 1384 | 1331 | 1382 | 23655     |
| PM   | 1433 | 1304 | 1434 | 1424 | 1477 | 1542 | 1060 | 868  | 785  | 556  | 402  | 387  | 23655     |
| <b>Segment: MO 740 E Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 124.406 to 125.547</b>                                      |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 300  | 195  | 174  | 163  | 281  | 564  | 1528 | 2829 | 2303 | 1700 | 1665 | 1720 | 31847     |
| PM   | 1810 | 1862 | 1998 | 2188 | 2345 | 2317 | 1737 | 1231 | 1143 | 821  | 585  | 390  | 31847     |

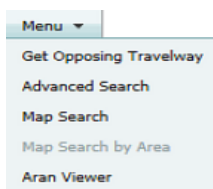
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Change Search Export to Excel Exceeds Capacity Approaching Capacity One or more data elements not found

Red – Exceeds the traffic count limit for that timeframe  
 Blue – Close to approaching the capacity  
 Yellow – Data elements are not found for the timeframe

## Menu

The following choices are available when using the “Menu” options: Get Opposing Travelway, Advanced Search, Map Search and Aran Viewer. Map Search by Area is not available.



## Get Opposing Travelway

- To get the opposing travelway information, search by “Travelway”. For example, type “IS70E Boone” in the search area. The “Fuzzy Search” displays. The first 50 travelways appear along with all intersecting travelways for IS 70 E. Select “IS 70 E” Boone County.

| IS 70 E            | Search By | Menu                     |
|--------------------|-----------|--------------------------|
| IS 70 E            | 0         | 250.066 (JACKSON)        |
| IS 70 E SALINE     | 62.577    | 86.723 SALINE            |
| IS 70 E COOPER     | 86.723    | 114.717 COOPER           |
| IS 70 E LAFAYETTE  | 29.173    | 62.577 LAFAYETTE         |
| IS 70 E CALLAWAY   | 136.582   | 164.753 CALLAWAY         |
| IS 70 E JACKSON    | 0         | 29.173 JACKSON           |
| IS 70 E MONTGOMERY | 164.753   | 186.103 MONTGOMERY       |
| IS 70 E WARREN     | 186.103   | 203.353 WARREN           |
| IS 70 E BOONE      | 114.717   | 136.582 BOONE            |
| IS 70 E NORMANDY   | 240.621   | 241.213 City of NORMANDY |
| IS 70 E EMMA       | 62.366    | 62.644 City of EMMA      |

Click on row to select.

Cancel

| Hourly volumes - IS 70 E Begin Log:114.717 End Log: 136.582  |      |      |      |      |      |      |      |      |      |      |      |      |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|-----------|
| Period   | 12   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | Total ADT |
| <b>Segment: MO 179 S Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 111.458 to 114.717</b>                                      |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 262  | 181  | 155  | 186  | 236  | 428  | 991  | 1595 | 1203 | 1000 | 1039 | 1095 | 17586     |
| PM   | 1057 | 1048 | 992  | 1023 | 1046 | 968  | 818  | 622  | 548  | 445  | 374  | 273  | 17586     |
| <b>Segment: .394 mile(s) after FWS CUMBERLAND CHURCH RD S Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 114.717 to 115.508</b> |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 262  | 181  | 155  | 186  | 236  | 428  | 991  | 1595 | 1203 | 1000 | 1039 | 1095 | 17586     |
| PM   | 1057 | 1048 | 992  | 1023 | 1046 | 968  | 818  | 622  | 548  | 445  | 374  | 273  | 17586     |
| <b>Segment: RT BB E Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 115.508 to 117.69</b>  |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 268  | 185  | 159  | 191  | 242  | 438  | 1014 | 1632 | 1231 | 1024 | 1064 | 1120 | 17989     |
| PM   | 1080 | 1071 | 1015 | 1047 | 1069 | 989  | 837  | 637  | 560  | 456  | 383  | 279  | 17989     |
| <b>Segment: RT J S Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 117.69 to 120.962</b>   |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 280  | 163  | 138  | 176  | 222  | 381  | 921  | 1540 | 1224 | 1107 | 1141 | 1256 | 18475     |
| PM   | 1147 | 1137 | 1093 | 1141 | 1198 | 1051 | 912  | 630  | 565  | 427  | 362  | 267  | 18475     |
| <b>Segment: US 40 E Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 121.182 to 124.406</b>                                       |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 281  | 189  | 156  | 204  | 247  | 508  | 1351 | 2265 | 1681 | 1384 | 1331 | 1382 | 23655     |
| PM   | 1433 | 1304 | 1434 | 1424 | 1477 | 1542 | 1060 | 868  | 785  | 556  | 402  | 387  | 23655     |
| <b>Segment: MO 740 E Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 124.406 to 125.547</b>                                      |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 300  | 195  | 174  | 163  | 281  | 564  | 1528 | 2829 | 2303 | 1700 | 1665 | 1720 | 31847     |
| PM   | 1810 | 1862 | 1998 | 2188 | 2345 | 2317 | 1737 | 1231 | 1143 | 821  | 585  | 390  | 31847     |

Page 1 of 3 (42 items) [1] 2 3

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- Select “Menu” and choose “Get Opposing Travelway”. The IS 70 W travelway information appears along with all intersecting travelways for IS 70 W.



ENTER DESIGNATION, NAME, COUNTY, ETC. Search By Menu

Hourly volumes - IS 70 W Begin Log:113.42 End Log: 135.287

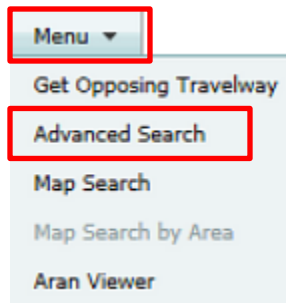
| Period  | 12   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | Total ADT |
|---|------|------|------|------|------|------|------|------|------|------|------|------|-----------|
| <b>Segment: .969 mile(s) after RP RTJ TO IS70W W Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 113.402 to 117.634</b> |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM  | 227  | 241  | 219  | 205  | 252  | 411  | 931  | 1382 | 1121 | 1104 | 1084 | 1168 | 19176     |
| PM  | 1166 | 1039 | 1192 | 1295 | 1288 | 1316 | 1037 | 715  | 633  | 442  | 388  | 319  | 19176     |
| <b>Segment: 1.15 mile(s) after RP RTZ TO IS70W S Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 117.634 to 119.009</b> |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM  | 557  | 339  | 198  | 201  | 279  | 442  | 1134 | 1983 | 1539 | 1499 | 1551 | 1270 | 24871     |
| PM  | 1470 | 1566 | 1711 | 1528 | 1794 | 1598 | 1116 | 904  | 742  | 562  | 526  | 365  | 24871     |
| <b>Segment: CRD ST CHARLES RD E Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 119.009 to 121.265</b>                  |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM  | 493  | 299  | 170  | 196  | 276  | 492  | 1287 | 2453 | 1904 | 1545 | 1602 | 1300 | 26629     |
| PM  | 1543 | 1602 | 1775 | 1546 | 1892 | 1757 | 1236 | 959  | 790  | 629  | 546  | 335  | 26629     |
| <b>Segment: US 63 S Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 121.265 to 121.373</b>                              |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM  | 332  | 263  | 213  | 243  | 357  | 556  | 1590 | 2987 | 2446 | 1934 | 2026 | 2060 | 36304     |
| PM  | 2129 | 2186 | 2380 | 2353 | 2791 | 2744 | 1989 | 1555 | 1149 | 902  | 634  | 481  | 36304     |
| <b>Segment: RP IS70W TO LP70W W Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 121.373 to 122.971</b>                  |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM  | 324  | 283  | 257  | 241  | 371  | 543  | 1408 | 2659 | 2303 | 1952 | 1964 | 2078 | 35691     |
| PM  | 2189 | 2257 | 2284 | 2560 | 2724 | 2728 | 1947 | 1321 | 1201 | 942  | 672  | 483  | 35691     |
| <b>Segment: MO 763 S Roadway: FREEWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 122.971 to 123.442</b>                             |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM  | 337  | 279  | 223  | 234  | 297  | 497  | 1356 | 2501 | 2191 | 1867 | 1957 | 2015 | 34743     |
| PM  | 2112 | 2058 | 2159 | 2455 | 2688 | 2836 | 2066 | 1582 | 1139 | 837  | 608  | 446  | 34743     |

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## Advance Search

- Click on the “Menu” button and select the “Advanced Search” option. This opens the “Travelway Search” web page.



Select Travelway

Travelway Search Simple Search

| Travelway   | Travelway ID                                     | Intersection Number  |
|---|--|----------------------|
| Designation   | Name   | Direction            |
| <input type="text"/>  | <input type="text" value="TYPE TRAVELWAY NAME"/> | <input type="text"/> |
| District/County   | City   | Planning Org         |
| District  | County   |                      |
| <input type="text" value="ALL DISTRICTS"/>  | <input type="text"/>                             |                      |
| <input type="button" value="Search"/> <input type="button" value="Search &amp; Select"/> <input type="button" value="Reset"/> |  |                      |
| <input type="button" value="Select Travelway Logs"/>  |  |                      |
| <input type="button" value="Select"/> <input type="button" value="Cancel"/>   |  |                      |

From the “Travelway Search” web page, you can now search by the following:

- Travelway
- Travelway ID
- Intersection Number
- District/County
- City
- Planning Org

The screenshot shows the 'Travelway Search' interface. At the top, there are three tabs: 'Travelway', 'Travelway ID', and 'Intersection Number', with 'Travelway' selected. Below the tabs are three input fields: 'Designation' (a dropdown menu), 'Name' (a text box with 'TYPE TRAVELWAY NAME' as a placeholder), and 'Direction' (a dropdown menu). Below these are three more tabs: 'District/County', 'City', and 'Planning Org', with 'District/County' selected. Under 'District/County', there are two dropdown menus: 'District' (set to 'ALL DISTRICTS') and 'County'. At the bottom of the search area are three buttons: 'Search', 'Search & Select', and 'Reset'. Below the search area is a 'Select Travelway Logs' button, and at the very bottom are 'Select' and 'Cancel' buttons.

### Travelway Search - Search by Travelway

- There are two ways to enter a designation. The first way is to click on the drop-down arrow next to the “Designation” box, and all the designations will be displayed.

This screenshot shows the 'Designation' dropdown menu open. The dropdown menu has a table with two columns: 'Code' and 'Description'. The table contains the following rows:

| Code | Description             |
|------|-------------------------|
| IS   | INTERSTATE              |
| US   | US NUMBERED ROUTES      |
| MO   | MISSOURI NUMBERED ROUTE |
| AL   | ALTERNATE ROUTE         |
| RT   | MISSOURI LETTERED ROUTE |
| LP   | LOOP (INTERSTATES ONLY) |

The dropdown menu also has a scroll bar on the right side. The 'Designation' box in the background is highlighted with a red box, and the scroll bar is also highlighted with a red box.

- Click on the designation to select it. If the desired designation is not shown, use the scroll bar on the right-hand side to see other designations.
- The second way to enter a designation is to type the first letter of the designation “Code”, and all of the designations with that letter will be displayed. Example: Type the letter “M”, and all of the designations with the letter “M” are displayed. It defaults to the first designation in the list. Click on “MO” to select it.



| Designation | Name                    |
|-------------|-------------------------|
| MO          | TYPE TRAVELWAY NAME     |
| Code        | Description             |
| MO          | MISSOURI NUMBERED ROUTE |

- The “Name” dialog box is the name of a route you are searching. If you do not know the route number or name, enter the first number or letter of the route, and a listing of all the names for the selected designation will be displayed. Example: Type the number “1”. It defaults to the first numerical route with the number “1”.

- Type “17” in the “Name” field. Using the scroll bar, choose “179” from the drop-down list. Direction is displayed based on the designation and name chosen. Direction is displayed based on the business rule that even numbered routes are east and west, and odd numbered routes are north and south. Example: For MO 179, the direction is north or south. Some travelways cannot be automatically determined, so all directions will display. Select “N” for MO 179.

- To narrow the search, drill down more by using the “District/County” or “City” options. Example: Select “Central” District and “Cole” County.

Travelway Search

| Travelway   |      | Travelway ID | Intersection Number |
|-------------|------|--------------|---------------------|
| Designation | Name | Direction    |                     |
| MO          | 179  | N            |                     |

| District/County | City   | Planning Org |
|-----------------|--------|--------------|
| District        | County |              |
| CENTRAL         | COLE   |              |

Search Search & Select Reset

- Click on “Search”, and the travelway search criteria is displayed. Select the travelway, and click on “Select Travelway Logs”.

Travelway Search

| Travelway   |      | Travelway ID | Intersection Number |
|-------------|------|--------------|---------------------|
| Designation | Name | Direction    |                     |
| MO          | 179  | N            |                     |

| District/County | City   | Planning Org |
|-----------------|--------|--------------|
| District        | County |              |
| CENTRAL         | COLE   |              |

Search Search & Select Reset

Sort by Designation Hierarchy

| TWAY ID | DESG | NAME | DIR | DISTRICT | BEGIN | END    |
|---------|------|------|-----|----------|-------|--------|
| 3579    | MO   | 179  | N   | CD       | 0     | 19.853 |

Select Travelway Logs

Select Cancel

- The following screen is displayed to select begin and end logs. Select “0.000”, and click on “Begin Log”; select “3.645”, and click on “End Log”. Then click on “Select”. The logs populate in the “Begin Log” and “End Log” areas.

Travelway Search

MO 179 N

Begin Log: 0.000 End Log: 3.645 Variance: 0 Menu Travelway Id: 3579

Logs Intersecting

Show Emergency Response Markers

| Desg | Travelway / Bridge  | County | City           | Div/Undiv | Exit | Continuous Log | County Log |
|------|---------------------|--------|----------------|-----------|------|----------------|------------|
| US   | US 50 E             | COLE   | CITY           | U         |      | 3.591          | 3.591      |
| US   | US 50 W             | COLE   | JEFFERSON CITY | U         |      | 3.608          | 3.608      |
| RP   | RP US50W TO MO179 E | COLE   | JEFFERSON CITY | U         |      | 3.645          | 3.645      |
| BU   | BU 50 E             | COLE   | JEFFERSON CITY | U         |      | 3.645          | 3.645      |
| RP   | RP MO179 TO US50W W | COLE   | JEFFERSON CITY | U         |      | 3.645          | 3.645      |
| N OR | OR 50 W             | COLE   | JEFFERSON CITY | U         |      | 3.712          | 3.712      |

Page 1 of 2 (96 items) [1] 2 Page Size: 50

Begin Log End Log Details Distance Find

View Travelway Search

Select Cancel

- Click on the “Select” button. The travelway search criteria appear and list all the intersecting travelways along the selected travelway.

Hourly volumes - MO 179 N Begin Log:0 End Log: 3.645

| Period  | 12   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | Total ADT |
|---|------|------|------|------|------|------|------|------|------|------|------|------|-----------|
| <b>Segment: RP MO179S TO US54E E Roadway: EXPRESSWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 0 to 1.121</b>    |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM  | 11   | 9    | 7    | 7    | 21   | 92   | 346  | 803  | 323  | 220  | 215  | 215  | 4801      |
| PM  | 230  | 245  | 241  | 376  | 432  | 422  | 232  | 135  | 90   | 58   | 50   | 22   | 4801      |
| <b>Segment: RT C E Roadway: EXPRESSWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 1.121 to 2.849</b>              |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM  | 28   | 10   | 10   | 16   | 37   | 141  | 474  | 1288 | 697  | 520  | 463  | 524  | 8631      |
| PM  | 534  | 511  | 476  | 577  | 712  | 665  | 370  | 202  | 153  | 127  | 66   | 29   | 8631      |
| <b>Segment: CST W EDGEWOOD DR E Roadway: EXPRESSWAY Date: 04/20/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 2.849 to 3.496</b> |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM  | 24   | 21   | 12   | 19   | 45   | 119  | 417  | 1116 | 698  | 569  | 612  | 728  | 11188     |
| PM  | 778  | 705  | 678  | 887  | 1130 | 1047 | 559  | 389  | 282  | 199  | 94   | 61   | 11188     |
| <b>Segment: BU 50 E Roadway: MULTI-LANE Date: 04/20/2016 Lanes: 3/2 Cap: 2000 Cautionary: 1600 Logs: 3.496 to 3.551</b>             |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM  | 50   | 43   | 25   | 39   | 93   | 246  | 864  | 2314 | 1448 | 1182 | 1268 | 1509 | 23209     |
| PM  | 1614 | 1461 | 1407 | 1841 | 2343 | 2170 | 1161 | 806  | 586  | 413  | 195  | 127  | 23209     |
| <b>Segment: RP US50E TO MO179 E Roadway: SUPER 2-LANE Date: 04/20/2016 Lanes: 1/1 Cap: 600 Cautionary: 500 Logs: 3.551 to 4.621</b> |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM  | 13   | 18   | 19   | 12   | 16   | 113  | 254  | 870  | 491  | 410  | 414  | 499  | 7891      |
| PM  | 593  | 507  | 513  | 607  | 685  | 790  | 356  | 290  | 208  | 107  | 74   | 35   | 7891      |

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Change Search Export to Excel Exceeds Capacity Approaching Capacity One or more data elements not found

## Travelway Search - Search by Travelway ID

- To search by travelway ID, click on the “Travelway ID” tab from the “Advance Search” area. Example: Enter “19” for IS 70 E in the “Travelway ID” tab and “Kansas City” in the “City” tab.

Travelway Search

Travelway   **Travelway ID**   Intersection Number

Travelway ID  
19

District/County   **City**   Planning Org

City  
KANSAS CITY    Include Surrounding Cities

**Search**   Search & Select   Reset

- Click on “Search”, and the travelway search criteria displays. Select the travelway, and click on “Select Travelway Logs”.

Travelway Search

Travelway   **Travelway ID**   Intersection Number

Travelway ID  
19

District/County   **City**   Planning Org

District   County  
KANSAS CITY  

Search   Search & Select   Reset

Sort by Designation Hierarchy

| TWAY ID | DESG | NAME | DIR | DISTRICT | BEGIN | END    |
|---------|------|------|-----|----------|-------|--------|
| 19      | IS   | 70   | E   | KC       | 0     | 86.723 |

**Select Travelway Logs**

Select   Cancel

- The following screen displays. Select the “Logs” tab.

Travelway Search

IS 70 E

Begin Log: 0    End Log: 0    Variance: 0    Menu ▾    Travelway Id: 19

Logs    Intersecting

Show Emergency Response Markers

| Desg   | Travelway / Bridge                    | County  | City        | Div/Undiv | Exit | Continuous Log | County Log |
|--------|---------------------------------------|---------|-------------|-----------|------|----------------|------------|
| BRIDGE | BRIDGE A5658 CST LIBERTY ST, CST MULB | JACKSON | KANSAS CITY | D         |      | 0.000          | 0.000      |
| US     | US 169 N                              | JACKSON | KANSAS CITY | D         |      | 0.000          | 0.000      |
| US     | US 24 E                               | JACKSON | KANSAS CITY | D         |      | 0.000          | 0.000      |
| US     | US 40 E                               | JACKSON | KANSAS CITY | D         |      | 0.000          | 0.000      |
| CST    | CST WYOMING ST S                      | JACKSON | KANSAS CITY | D         |      | 0.173          | 0.173      |
| CST    | CST MIH BERRY ST S                    | JACKSON | KANSAS      | D         |      | 0.444          | 0.444      |

Page 1 of 6 (295 items)    [1] 2 3 4 5 6    Page Size: 50

Begin Log    End Log    Details    Distance    Find ▾

View Travelway Search

Select    Cancel

- This will display begin and end log miles for the travelway selected for each county in the Kansas City District.

Travelway Search

IS 70 E

Begin Log: 0    End Log: 0    Variance: 0    Menu ▾

Logs    Intersecting

|          | County Lines | County Log | Continuous Log |
|----------|--------------|------------|----------------|
| BEGIN OF | JACKSON      | 0.000      | 0.000          |
| END OF   | JACKSON      | 29.173     | 29.173         |
| BEGIN OF | LAFAYETTE    | 0.000      | 29.173         |
| END OF   | LAFAYETTE    | 33.404     | 62.577         |
| BEGIN OF | SALINE       | 0.000      | 62.577         |
| END OF   | SALINE       | 24.146     | 86.723         |

- Select the “Intersecting” tab again. Click on the box to the left of “Show Emergency Response Markers” (ERMs).

Travelway Search  
IS 70 E

Begin Log  End Log  Variance  Menu  Travelway Id 19

Logs **Intersecting**

Show Emergency Response Markers

| Desg   | Travelway / Bridge                    | County  | City        | Div/Undiv | Exit | Continuous Log | County Log |
|--------|---------------------------------------|---------|-------------|-----------|------|----------------|------------|
| BRIDGE | BRIDGE A5658 CST LIBERTY ST, CST MULB | JACKSON | KANSAS CITY | D         |      | 0.000          | 0.000      |
| US     | US 169 N                              | JACKSON | KANSAS CITY | D         |      | 0.000          | 0.000      |
| US     | US 24 E                               | JACKSON | KANSAS CITY | D         |      | 0.000          | 0.000      |
| US     | US 40 E                               | JACKSON | KANSAS CITY | D         |      | 0.000          | 0.000      |
| CST    | CST WYOMING ST S                      | JACKSON | KANSAS CITY | D         |      | 0.173          | 0.173      |
| CST    | CST MI II RFRY ST S                   | JACKSON | KANSAS      | D         |      | 0.444          | 0.444      |

Page 1 of 6 (295 items) [1] 2 3 4 5 6 Page Size: 50

Begin Log End Log Details Distance Find

View Travelway Search

Select Cancel

- The table now displays the ERM along with intersecting streets, bridges, ramps, etc

Travelway Search  
IS 70 E

Begin Log  End Log  Variance  Menu  Travelway Id 19

Logs **Intersecting**

Show Emergency Response Markers

| Desg   | Travelway / Bridge                    | County  | City        | Div/Undiv | Exit | Continuous Log | County Log |
|--------|---------------------------------------|---------|-------------|-----------|------|----------------|------------|
| BRIDGE | BRIDGE A5658 CST LIBERTY ST, CST MULB | JACKSON | KANSAS CITY | D         |      | 0.000          | 0.000      |
| US     | US 169 N                              | JACKSON | KANSAS CITY | D         |      | 0.000          | 0.000      |
| US     | US 24 E                               | JACKSON | KANSAS CITY | D         |      | 0.000          | 0.000      |
| US     | US 40 E                               | JACKSON | KANSAS CITY | D         |      | 0.000          | 0.000      |
| ERM    | ERM EAST IS 70 MILE 0.0               | JACKSON | KANSAS CITY | D         |      | 0.001          | 0.001      |
| FRM    | FRM EAST IS 70 MILE 0.7               | JACKSON | KANSAS      | D         |      | 0.137          | 0.137      |

Page 1 of 15 (730 items) [1] 2 3 4 5 6 7 ... 13 14 15 Page Size: 50

Begin Log End Log Details Distance Find

View Travelway Search

Select Cancel



- Scroll down to RP IS70E to IS35S S, log 0.600 and select “RP IS70E to IS35S S” and then “Details”.

Select Travelway

Travelway Search  
IS 70 E

Begin Log  End Log  Variance  Menu  Travelway Id 19

Logs Intersecting

Show Emergency Response Markers

| Desg | Travelway / Bridge      | County  | City        | Div/Undiv | Exit | Continuous Log | County Log |
|------|-------------------------|---------|-------------|-----------|------|----------------|------------|
|      |                         |         |             |           |      |                |            |
| CST  | CST MULBERRY ST S       | JACKSON | KANSAS CITY | D         |      | 0.444          | 0.444      |
| ERM  | ERM EAST IS 70 MILE 0.6 | JACKSON | KANSAS CITY | D         |      | 0.528          | 0.528      |
| RP   | RP IS70E TO IS35S S     | JACKSON | KANSAS CITY | D         | 2A   | 0.600          | 0.600      |
| CST  | CST MADISON AVE S       | JACKSON | KANSAS CITY | D         |      | 0.681          | 0.681      |
| RP   | RP IS35N TO IS70W W     | JACKSON | KANSAS CITY | D         |      | 0.685          | 0.685      |

Page 1 of 15 (730 items) [1] 2 3 4 5 6 7 ... 13 14 15 Page Size: 50

Begin Log End Log **Details** Distance Find

View Travelway Search

Select Cancel

- The following pop-up box displays with the intersecting information. Click on “Close” or the red “x” to close the information box.

Intersection

District KC County JACKSON City KANSAS CITY

Intersection

Exit Number 2A  
 Number (System) 151379  
 Class (At Grade/Not at Grade) AT GRADE  
 Type  
 Latitude 39.107030  
 Longitude -94.596640

| Travelway           | Intersecting Travelway |
|---------------------|------------------------|
| IS 70 E             | RP IS70E TO IS35S S    |
| ID 19               | ID 103738              |
| Continuous Log 0.60 | Continuous Log 0       |
| County Log 0.60     | County Log 0           |

- Select “RP IS 70E to IS35S S” at log 0.600 and click on “Begin Log”. The “Begin Log” field populates with log 0.600. Select “CST EIGHTH ST E” at log 2.040 and click on “End Log”. The “End Log” field populates with log 2.040.

Travelway Search

IS 70 E

Begin Log  End Log  Variance  Menu  Travelway Id 19

Logs **Intersecting**

Show Emergency Response Markers

| Desg | Travelway / Bridge         | County  | City        | Div/Undiv | Exit | Continuous Log | County Log |
|------|----------------------------|---------|-------------|-----------|------|----------------|------------|
| IS   | IS 29 S                    | JACKSON | KANSAS CITY | D         |      | 2.029          | 2.029      |
| US   | US 71 S                    | JACKSON | KANSAS CITY | D         |      | 2.029          | 2.029      |
| CST  | CST EIGHTH ST E            | JACKSON | KANSAS CITY | D         |      | 2.040          | 2.040      |
| RP   | RP ADMIRAL BLVD TO IS70E S | JACKSON | KANSAS CITY | D         |      | 2.098          | 2.098      |
| ERM  | ERM EAST IS 70 MILE 2.4    | JACKSON | KANSAS CITY | D         |      | 2.121          | 2.121      |
| RP   | RP IS 70E TO 11TH ST W     | JACKSON | KANSAS CITY | D         |      | 2.150          | 2.150      |

Page 2 of 15 (730 items)  1  3 4 5 6 7 ... 13 14 15  Page Size:

View Travelway Search

- With “CST EIGHTH ST E” selected, click on “Distance”. Uncheck the box next to “Set End Equal to Begin”, which activates both begin and end log areas.

**Begin Log**

Set Log To  FEET

Before  After

INTERSECTION

IS 70 E  
with CST EIGHTH ST E

Calculated Value

**End Log**

Set Log To  FEET

Before  After

INTERSECTION

IS 70 E  
with CST EIGHTH ST E

Calculated Value

Set End Equal to Begin

- Under the “End Log” area, Type “500” in the “Set Log To” field. Select either “Before” or “After” the current end log mile. I selected “Before”.
- Click in the “Calculated Value” box. The new log is displayed as “1.945”. Click on “Select”.

The image shows two side-by-side configuration panels for log settings. The left panel is titled 'Begin Log' and the right panel is titled 'End Log'. Both panels have a 'Set Log To' field with a unit dropdown set to 'FEET'. Below this are radio buttons for 'Before' (selected) and 'After'. A dropdown menu is set to 'INTERSECTION' with the text 'IS 70 E with CST EIGHTH ST E'. The 'End Log' panel's 'Calculated Value' field contains '1.945' and is highlighted with a red box. At the bottom, there is a 'Set End Equal to Begin' checkbox and two buttons: 'Select' (highlighted with a red box) and 'Cancel'.

- On the “Travelway Search” web page, the new end log value is “1.945”. Click on “Select”.

The image shows a 'Travelway Search' web page. At the top, it displays 'IS 70 E'. Below this are input fields for 'Begin Log' (0), 'End Log' (1.945, highlighted with a red box), 'Variance' (0), and 'Travelway Id' (19). A 'Menu' dropdown is also visible. Below the input fields are tabs for 'Logs' and 'Intersecting'. A checkbox 'Show Emergency Response Markers' is checked. A table lists intersecting travelways with the following columns: Desg, Travelway / Bridge, County, City, Div/Undiv, Exit, Continuous Log, and County Log. The table contains several rows, with 'CST EIGHTH ST E' highlighted. At the bottom, there is a pagination bar showing 'Page 2 of 15 (730 items)' and a 'Page Size' dropdown set to 50. Below the table are buttons for 'Begin Log', 'End Log', 'Details', 'Distance', and 'Find'. At the very bottom, there are 'Select' (highlighted with a red box) and 'Cancel' buttons.

| Desg | Travelway / Bridge         | County  | City        | Div/Undiv | Exit | Continuous Log | County Log |
|------|----------------------------|---------|-------------|-----------|------|----------------|------------|
| US   | US 71 S                    | JACKSON | KANSAS CITY | D         |      | 2.029          | 2.029      |
| CST  | CST EIGHTH ST E            | JACKSON | KANSAS CITY | D         |      | 2.040          | 2.040      |
| RP   | RP ADMIRAL BLVD TO IS70E S | JACKSON | KANSAS CITY | D         |      | 2.098          | 2.098      |
| ERM  | ERM EAST IS 70 MILE 2.4    | JACKSON | KANSAS CITY | D         |      | 2.121          | 2.121      |
| RP   | RP IS70E TO 11TH ST W      | JACKSON | KANSAS CITY | D         | 2J   | 2.150          | 2.150      |
| RP   | RP IS70E TO CHARLOTTE ST S | JACKSON | KANSAS CITY | D         | 2J   | 2.150          | 2.150      |

- The travelway search criteria appear, and the intersecting travelways with the selected travelway will be shown.

| Hourly volumes - IS 70 E Begin Log:0 End Log: 1.945  |      |      |      |      |      |      |      |      |      |      |      |      |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|-----------|
| Period   | 12   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | Total ADT |
| <b>Segment: US 40 E Roadway: FREEWAY Date: 04/20/2016 Lanes: 4/3 Cap: 4440 Cautionary: 3300 Logs: 0 to 1.041</b>               |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 559  | 423  | 360  | 360  | 470  | 819  | 1545 | 2208 | 2288 | 2357 | 2507 | 2621 | 42394     |
| PM   | 2678 | 2747 | 2821 | 2910 | 2977 | 2860 | 2431 | 1928 | 1529 | 1239 | 993  | 769  | 42394     |
| <b>Segment: IS 35 N Roadway: FREEWAY Date: 04/20/2016 Lanes: 3/2 Cap: 2860 Cautionary: 2200 Logs: 1.041 to 1.304</b>           |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 259  | 237  | 153  | 186  | 270  | 695  | 1894 | 2677 | 2516 | 1815 | 1544 | 1964 | 35464     |
| PM   | 1922 | 1899 | 2326 | 2729 | 3325 | 2819 | 1712 | 1369 | 995  | 835  | 819  | 506  | 35464     |
| <b>Segment: CST DELAWARE ST S Roadway: FREEWAY Date: 04/20/2016 Lanes: 3/2 Cap: 2860 Cautionary: 2200 Logs: 1.304 to 1.659</b> |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 259  | 237  | 153  | 186  | 270  | 695  | 1894 | 2677 | 2516 | 1815 | 1544 | 1964 | 35464     |
| PM   | 1922 | 1899 | 2326 | 2729 | 3325 | 2819 | 1712 | 1369 | 995  | 835  | 819  | 506  | 35464     |
| <b>Segment: MO 9 N Roadway: FREEWAY Date: 04/20/2016 Lanes: 3/2 Cap: 2860 Cautionary: 2200 Logs: 1.659 to 1.854</b>            |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 259  | 237  | 153  | 186  | 270  | 695  | 1894 | 2677 | 2516 | 1815 | 1544 | 1964 | 35464     |
| PM   | 1922 | 1899 | 2326 | 2729 | 3325 | 2819 | 1712 | 1369 | 995  | 835  | 819  | 506  | 35464     |
| <b>Segment: IS 35 N Roadway: RAMP Date: 04/20/2016 Lanes: 1/1 Cap: 9999 Cautionary: 0 Logs: 1.854 to 2.029</b>                 |      |      |      |      |      |      |      |      |      |      |      |      |           |
| AM   | 162  | 125  | 119  | 134  | 153  | 248  | 822  | 1260 | 1092 | 821  | 749  | 720  | 16427     |
| PM   | 778  | 809  | 1137 | 1421 | 1538 | 1326 | 863  | 569  | 407  | 405  | 469  | 301  | 16427     |

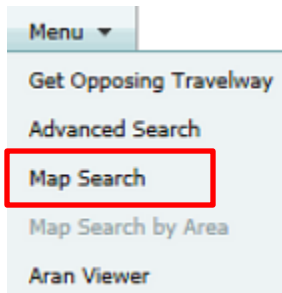
Page 1 of 1 (15 items) [1] Page Size: 18

Change Search Export to Excel Exceeds Capacity Approaching Capacity One or more data elements not found

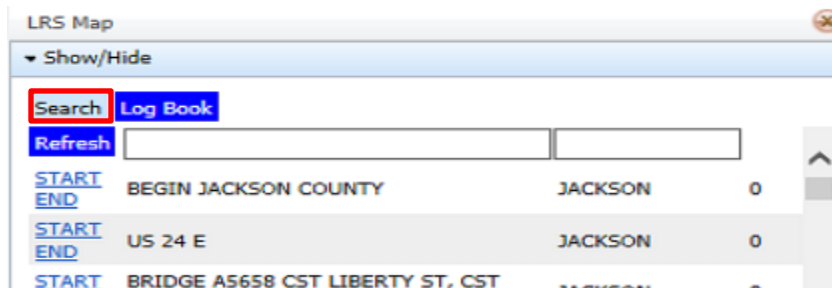
**NOTE: The IS 35 N segment, which is a ramp, shows the “Caps” and/or “Cautionary” data is missing. (One or more data elements not found.)**

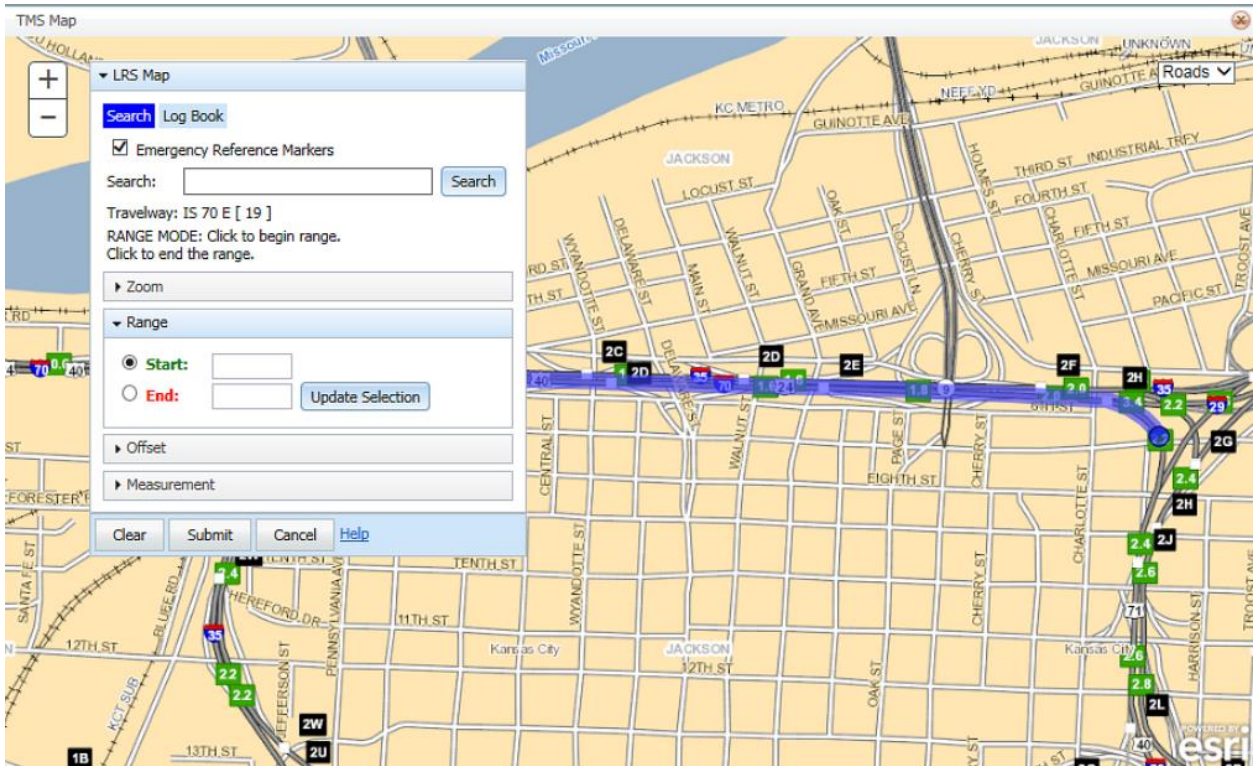
## Map Search

- Click on the “Menu” button, and select the “Map Search” option.

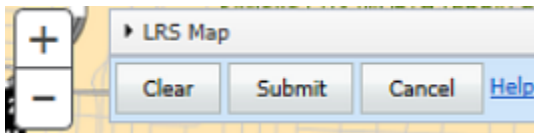


- Both the “LRS Map” box and map are displayed.
- Click on the “Search” button at the top of box.





## LRS Tools



- + – Automatically zooms in or enhances the map.  
 Other ways to zoom on the map are as follows: Clicking on “Start” and “End” in the “Log Book” tab, using the scroll button on the mouse, pressing the “Shift” key down and drawing a box with the mouse on the map and double clicking on a point on the map to enhance the area.
- To move the map, left click on the mouse and hold and move the cursor to display the correct area of the map.
- – Automatically zooms out or minimizes the map.
- Clear – Clears the map of your location choice.
- Submit – Enters the log miles from the map into the “Edit Form”.
- Cancel – Closes the map and returns to the “Edit Form”.
- Aerial ▼ – Changes the view of the map from “Roads” view to “Aerial” view.
- Roads ▼



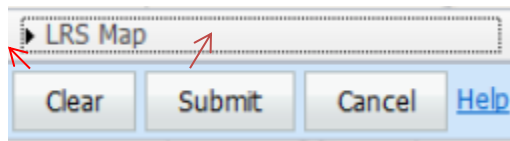
## LRS Map Search

The LRS Map “Search” tab has several options for selecting and displaying location criteria.

- Display “Emergency Reference Markers”.
- Search by designation, route, direction, county and city.
- Zoom to a city or county.
- Select begin and end log mile locations.
- Select log mile offset.
- Measurement tool.

The screenshot shows the LRS Map Search interface. At the top, there is a dropdown menu for "LRS Map" with a sub-menu containing "Search" and "Log Book". Below this, there is a checkbox for "Emergency Reference Markers" which is checked. A search field is present with a "Search" button. The current travelway is displayed as "IS 70 E [ 19 ]". Below the search field, there is a "Range Mode" instruction: "RANGE MODE: Click to begin range. Click to end the range." The interface is divided into several sections: "Zoom" with dropdowns for "City" (set to "ABADYL") and "County" (set to "ADAIR"), each with a "Zoom" button; "Range" with radio buttons for "Start" and "End" and an "Update Selection" button; "Offset" with a text input for "Offset selected log" (set to "0"), a unit dropdown (set to "miles"), and a "before" dropdown, with an "Update" button; and "Measurement" with a "Measure: Off" button. At the bottom, there are buttons for "Clear", "Submit", "Cancel", and "Help".

- To remove or hide the LRS Map box so you can see more of your map, click in the LRS Map section or the arrow next to LRS Map, and it will expand or collapse the box.

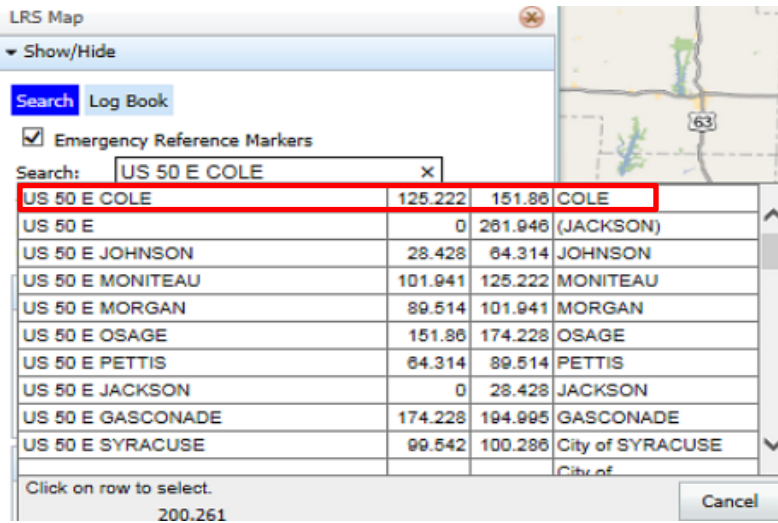


## **Search by Designation, Route, Direction and County**

- In the “Search” field, enter “US 50 E Cole”, and the application will start to search for the travelway.



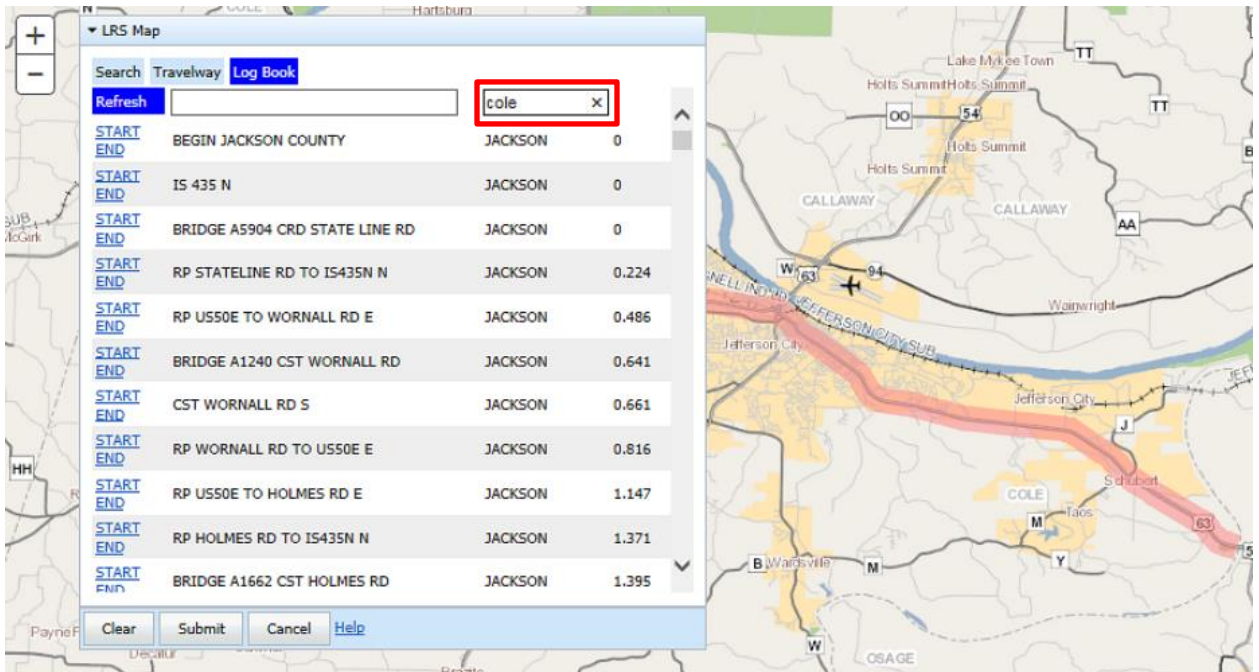
- Click on the “US 50 E Cole 125.22 to 151.86” segment.



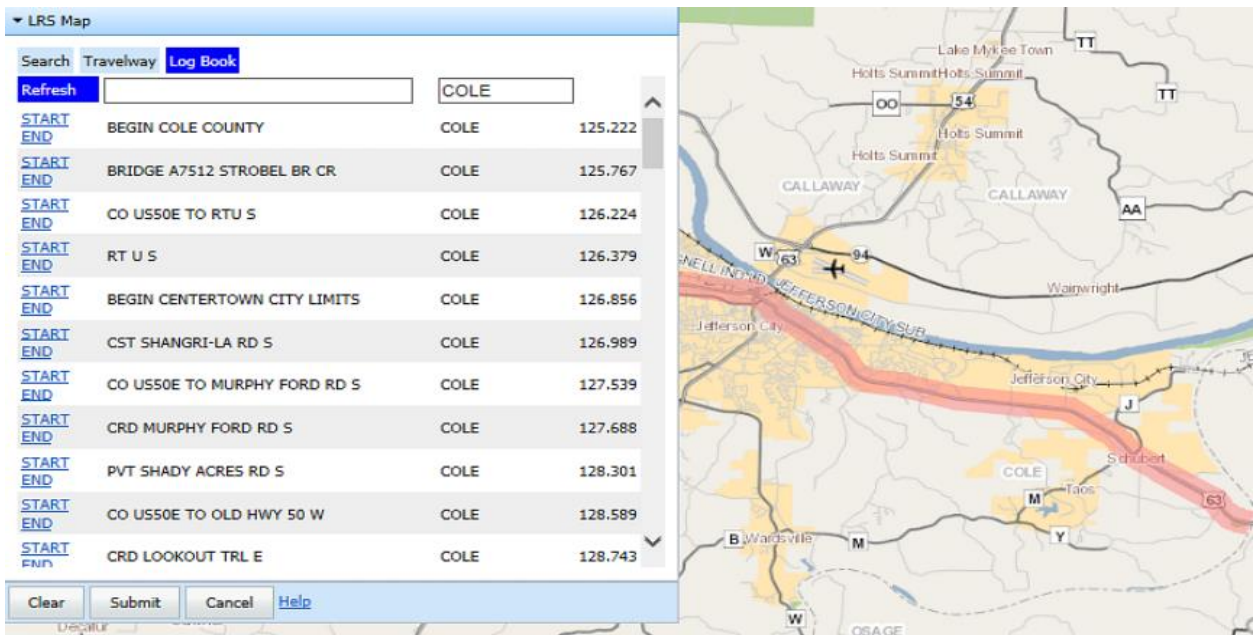
- The “Travelway” tab below displays where either “Select” or “Zoom” can be chosen.



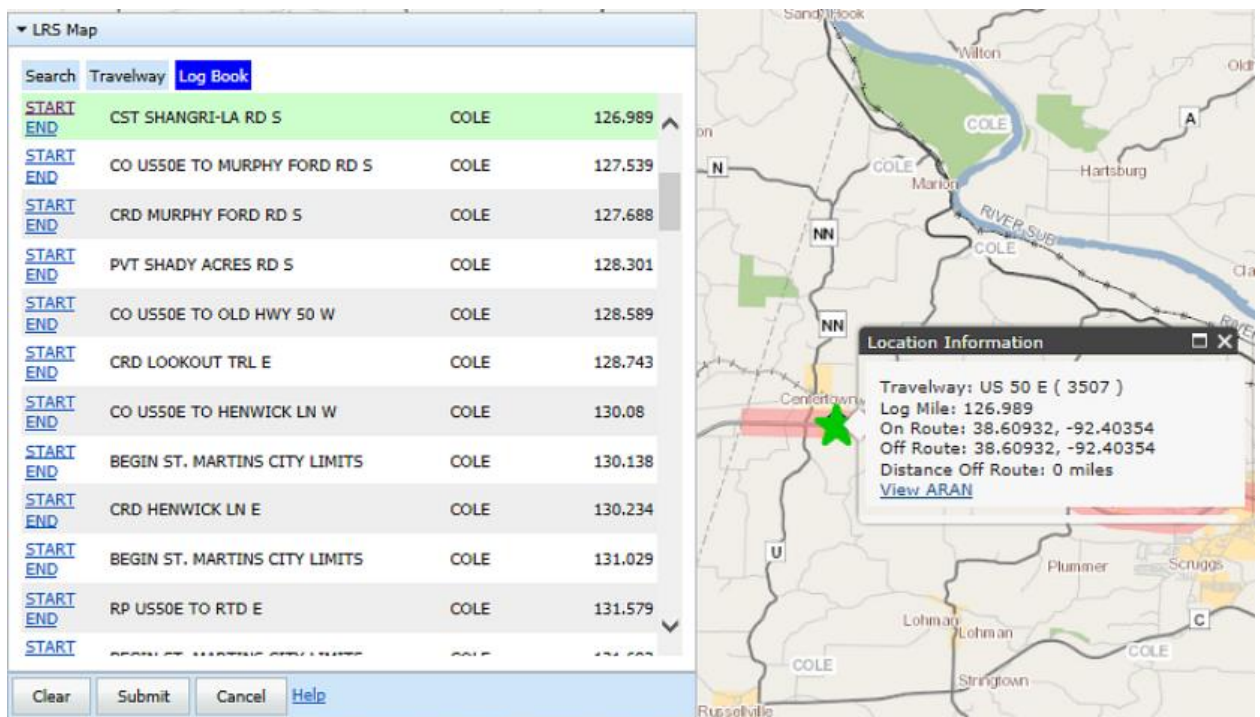
- The “Select” link will display the “Log Book” for the travelway selected and highlight the selected travelway on the map. The “Log Book” displays the beginning of the travelway regardless of the county specified in the “Search” field. To view the logs for Cole County, enter “Cole” in the white box above the county and select “Enter”.
- The “Zoom” link will highlight and enlarge the selected travelway only. To navigate back to search, click on “LRS Map” and then “Search”.



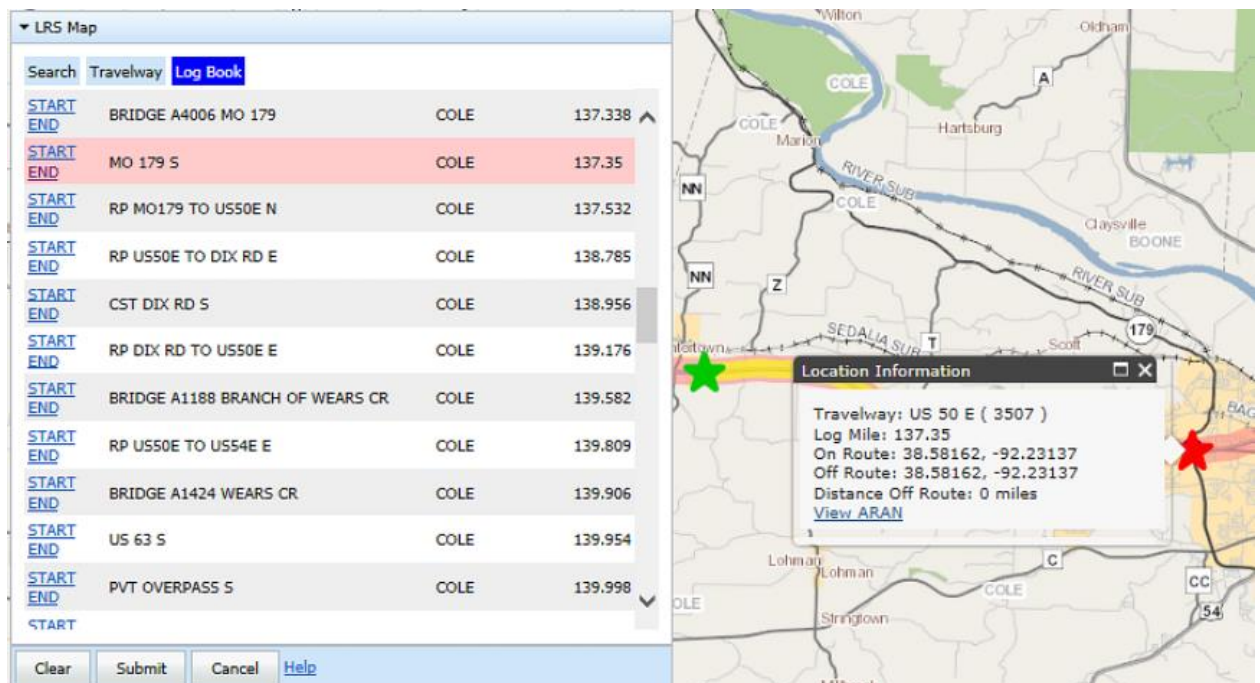
- The log book displays the logs for Cole County.



- To select the start log, find the intersecting log “128.989 CST Shangri-La Rd S” and select “Start” to the left. A green star appears on the map along with the location information.



- To select the end log, scroll down and find the intersecting log “137.35 MO 179 S” and select “End” to the left. A red star appears on the map along with the location information. The selected route appears in yellow between the green and red stars.



- Select the “Search” button at the top of the box, and the LRS Map screen appears.

▼ LRS Map

Search Travelway Log Book

Emergency Reference Markers

Search:

Travelway: US 50 E [ 3507 ]

RANGE MODE: Click to begin range.  
Click to end the range.

► Zoom

▼ Range

Start:

End:

▼ Offset

Offset selected log   ▼

▼ current location.

▼ Measurement

[Help](#)

- If the log miles are good in the “Range” area, click the “Submit” button at the bottom of the “LRS Map” box.
- To adjust the start or end log miles, use the “Offset” section to adjust by miles or feet and before or after the “Start” and/or “End” log miles. When adjusting the log miles, the “Start” and “End” log mile fields will change.

▼ Offset

Offset selected log   ▼

▼ current location.

- After adjusting the log miles, click on the “Submit” button.

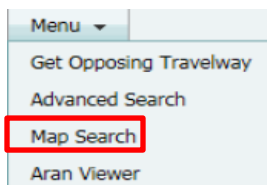


- The hourly volume for the selected travelway appears below.

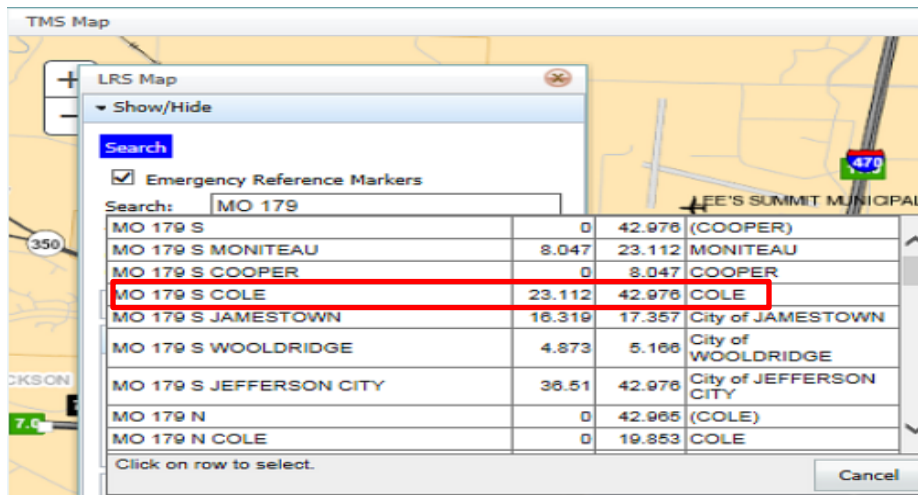
| Hourly volumes - US 50 E Begin Log:126.989 End Log: 137.151  |     |     |     |     |     |     |      |      |      |     |     |     |           |
|--|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----------|
| Period   | 12  | 1   | 2   | 3   | 4   | 5   | 6    | 7    | 8    | 9   | 10  | 11  | Total ADT |
| <b>Segment: RT U S Roadway: EXPRESSWAY Date: 04/21/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 126.379 to 127.688</b>                         |     |     |     |     |     |     |      |      |      |     |     |     |           |
| AM   | 20  | 7   | 12  | 19  | 56  | 187 | 589  | 949  | 375  | 319 | 268 | 253 | 5335      |
| PM   | 292 | 255 | 295 | 271 | 281 | 314 | 200  | 134  | 101  | 62  | 51  | 26  | 5335      |
| <b>Segment: CRD MURPHY FORD RD S Roadway: EXPRESSWAY Date: 04/21/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 127.688 to 130.234</b>           |     |     |     |     |     |     |      |      |      |     |     |     |           |
| AM   | 21  | 7   | 13  | 20  | 58  | 195 | 617  | 993  | 392  | 333 | 281 | 264 | 5578      |
| PM   | 304 | 266 | 308 | 283 | 294 | 328 | 210  | 141  | 105  | 65  | 53  | 28  | 5578      |
| <b>Segment: CRD HENWICK LN E Roadway: EXPRESSWAY Date: 04/21/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 130.234 to 131.86</b>                |     |     |     |     |     |     |      |      |      |     |     |     |           |
| AM   | 21  | 8   | 12  | 20  | 59  | 199 | 628  | 1012 | 399  | 339 | 286 | 269 | 5685      |
| PM   | 310 | 271 | 314 | 288 | 300 | 335 | 214  | 143  | 107  | 67  | 54  | 28  | 5685      |
| <b>Segment: RT T S Roadway: EXPRESSWAY Date: 04/21/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 131.86 to 133.983</b>                          |     |     |     |     |     |     |      |      |      |     |     |     |           |
| AM   | 18  | 10  | 20  | 27  | 60  | 299 | 776  | 1548 | 620  | 405 | 351 | 339 | 7714      |
| PM   | 383 | 353 | 380 | 412 | 413 | 420 | 286  | 205  | 140  | 106 | 97  | 46  | 7714      |
| <b>Segment: CRD BIG HORN DR S Roadway: EXPRESSWAY Date: 04/21/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 133.983 to 134.601</b>              |     |     |     |     |     |     |      |      |      |     |     |     |           |
| AM   | 23  | 12  | 26  | 34  | 74  | 371 | 965  | 1925 | 770  | 503 | 437 | 422 | 9589      |
| PM   | 477 | 439 | 473 | 511 | 512 | 521 | 355  | 254  | 174  | 132 | 121 | 58  | 9589      |
| <b>Segment: RP BUSINESS 50 WEST TO US50E E Roadway: EXPRESSWAY Date: 04/21/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 134.601 to 135.937</b> |     |     |     |     |     |     |      |      |      |     |     |     |           |
| AM   | 38  | 38  | 33  | 50  | 101 | 346 | 1125 | 2259 | 1016 | 744 | 702 | 671 | 13521     |
| PM   | 731 | 667 | 689 | 846 | 906 | 855 | 593  | 371  | 333  | 199 | 140 | 70  | 13521     |

### Search by Route and City

- Search for a route within a city by entering any part of the street name followed by the city name. Click on the “Menu” button and select the “Map Search” option.
- If searching for a travelway, click on the “Clear” button, and this will reset the “Search” field.



- In the “Search” field, enter “MO 179” and select “Search”. This brings up travelways with “MO 179” in the name.



- The travelways appear based on the search criteria entered. Select “MO 179 Cole”.

The screenshot shows the 'LRS Map' application window. At the top, there is a 'Show/Hide' dropdown menu. Below it, a search bar contains the text 'Travelway'. A note below the search bar reads '(\*) Route may span multiple counties'. There are several input fields and a 'Refresh' button. Below these is a table with the following data:

| Option(s)                                     | Desc | Name | Dir | City | County | Begin  | End    |
|---|------|------|-----|------|--------|--------|--------|
| <a href="#">Select</a>   <a href="#">Zoom</a> | MO   | 179  | S   | null | COLE   | 23.112 | 42.976 |

At the bottom of the window, there are buttons for 'Clear', 'Submit', 'Cancel', and 'Help'.

- The “LRS Map” box displays the logs for that portion of travelway. Click on “LRS Map” to hide the LRS Map information box and to see the map.
- Click on the “Select” button.

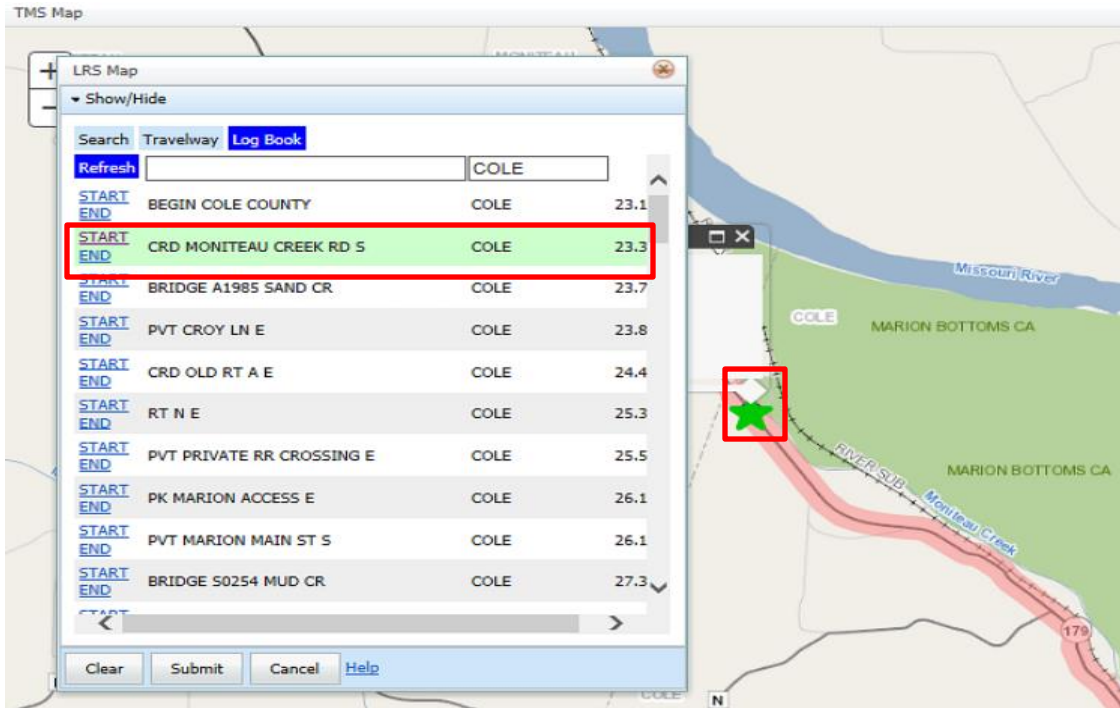
The screenshot shows the 'LRS Map' application window with the 'Log Book' tab selected. The 'LRS Map' tab is highlighted with a red box. The 'Log Book' tab contains a table with the following data:

| START                 | END                 | Description              | County | Distance |
|-----------------------|---------------------|--------------------------|--------|----------|
| <a href="#">START</a> | <a href="#">END</a> | MO 98 E                  | COOPER | 0        |
| <a href="#">START</a> | <a href="#">END</a> | BEGIN COOPER COUNTY      | COOPER | 0        |
| <a href="#">START</a> | <a href="#">END</a> | RP IS70W TO MO179 N      | COOPER | 0.07     |
| <a href="#">START</a> | <a href="#">END</a> | BRIDGE A0008 IS 70       | COOPER | 0.1      |
| <a href="#">START</a> | <a href="#">END</a> | IS 70 W                  | COOPER | 0.11     |
| <a href="#">START</a> | <a href="#">END</a> | IS 70 E                  | COOPER | 0.12     |
| <a href="#">START</a> | <a href="#">END</a> | RP IS70E TO MO179 S      | COOPER | 0.15     |
| <a href="#">START</a> | <a href="#">END</a> | CRD CARDINAL TER E       | COOPER | 0.33     |
| <a href="#">START</a> | <a href="#">END</a> | PVT CEDAR LN S           | COOPER | 0.57     |
| <a href="#">START</a> | <a href="#">END</a> | CRD HIGHLAND SCHOOL RD E | COOPER | 0.89     |

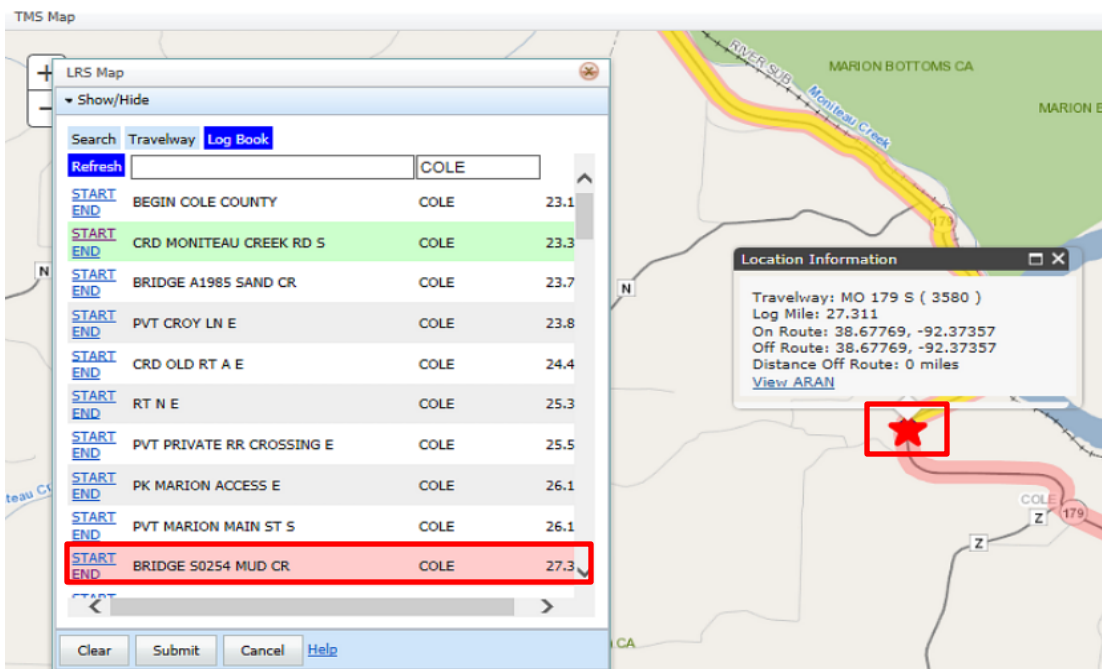
At the bottom of the window, there are buttons for 'Clear', 'Submit', 'Cancel', and 'Help'.



- To select the start log, click on the location along the highlighted route. The LRS Map information displays. Click on “LRS Map” again to hide it. A green star appears on the map along with the location information.



- To select the end log, click on the location along the highlighted route. The LRS Map information displays. Click on “LRS Map” again to hide it. A red star appears on the map along with the location information.



- Once the start and end logs have been selected and are correct, click on the “Submit” button. The travelway search criteria appears and displays all the intersecting travelways including the selected travelway.

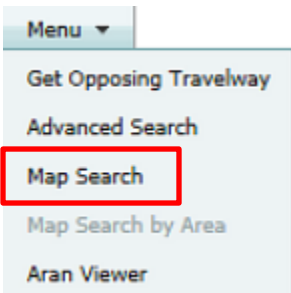
| Hourly volumes - MO 179 S Begin Log:23.347 End Log: 27.311  |    |    |    |    |    |    |    |     |    |    |    |    |           |
|---|----|----|----|----|----|----|----|-----|----|----|----|----|-----------|
| Period  | 12 | 1  | 2  | 3  | 4  | 5  | 6  | 7   | 8  | 9  | 10 | 11 | Total ADT |
| <b>Segment:</b> .235 mile(s) before CRD MONITEAU CREEK RD S <b>Roadway:</b> TWO-LANE <b>Date:</b> 04/21/2016 <b>Lanes:</b> 1/1 <b>Cap:</b> 600 <b>Cautionary:</b> 500 <b>Logs:</b> 23.112 to 25.365 |    |    |    |    |    |    |    |     |    |    |    |    |           |
| AM  | 1  | 1  | 0  | 3  | 4  | 20 | 61 | 74  | 34 | 35 | 16 | 14 | 495       |
| PM  | 25 | 15 | 30 | 41 | 35 | 26 | 20 | 12  | 12 | 9  | 9  | 0  | 495       |
| <b>Segment:</b> RT N E <b>Roadway:</b> TWO-LANE <b>Date:</b> 04/21/2016 <b>Lanes:</b> 1/1 <b>Cap:</b> 600 <b>Cautionary:</b> 500 <b>Logs:</b> 25.365 to 28.499                                      |    |    |    |    |    |    |    |     |    |    |    |    |           |
| AM  | 1  | 1  | 0  | 4  | 6  | 32 | 95 | 114 | 52 | 54 | 26 | 22 | 770       |
| PM  | 38 | 23 | 46 | 64 | 56 | 40 | 32 | 17  | 17 | 13 | 13 | 0  | 770       |

Page 1 of 1 (6 items) [1] Page Size: 18

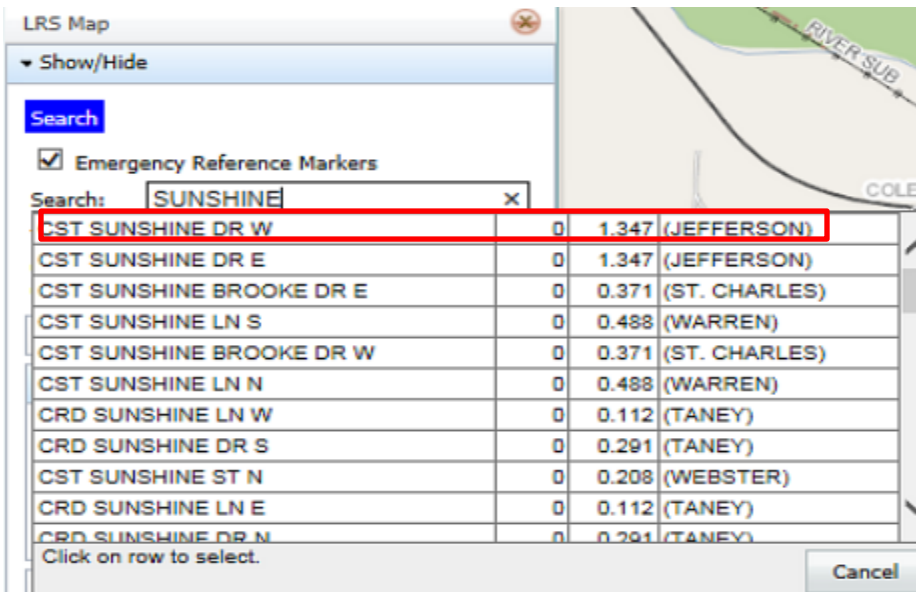
Change Search Export to Excel Exceeds Capacity Approaching Capacity One or more data elements not found

### Search by Travelway

- To search by travelway for a route by city, county or statewide, click on the “Menu” button and select the “Map Search” option. May need to click on the “Clear” button to reset fields.



- In the “Search” field, enter “Sunshine” and select “Search”. This is a broad search.



- All travelways containing “Sunshine” in the name are displayed. Click on “Search” to go back to the search web page.

LRS Map

▼ Show/Hide

Search **Travelway**

(\*) Route may span multiple counties

**Refresh**

Option(s) [Desc](#) [Name](#) [Dir](#) [City](#) [County](#) [Begin](#) [End](#)

[Select](#) | [Zoom](#) CST SUNSHINE DR W null (JEFFERSON) 0 1.347

Clear Submit Cancel [Help](#)

- For a more narrowed search, enter “Sunshine Greene” in the “Search” field.
- Choose “CST Sunshine ST E Greene”.
- Select “Search”.

LRS Map

▼ Show/Hide

**Search** **Travelway**

Emergency Reference Markers

Search:

|                              |   |       |             |
|------------------------------|---|-------|-------------|
| CST SUNSHINE ST E GREENE     | 0 | 6.875 | GREENE      |
| CST SUNSHINE ST W GREENE     | 0 | 6.885 | GREENE      |
| CRD OLD SUNSHINE RD W GREENE | 0 | 0.794 | GREENE      |
| CRD OLD SUNSHINE RD E GREENE | 0 | 0.794 | GREENE      |
| CST SUNSHINE DR W            | 0 | 1.347 | (JEFFERSON) |
| CST SUNSHINE DR E            | 0 | 1.347 | (JEFFERSON) |
| CST SUNSHINE LN S            | 0 | 0.488 | (WARREN)    |
| CST SUNSHINE LN N            | 0 | 0.488 | (WARREN)    |
| CRD SUNSHINE LN W            | 0 | 0.112 | (TANEY)     |
| CRD SUNSHINE DR S            | 0 | 0.291 | (TANEY)     |
| CST SUNSHINE ST N            | 0 | 0.208 | (WEBSTER)   |

Click on row to select.

Cancel

- The travelways containing “Sunshine” in the name within Greene County are displayed. Click on “Select” for “CST Sunshine ST E 0 - 6.875”.

LRS Map

▼ Show/Hide

Search **Travelway**

(\*) Route may span multiple counties

**Refresh**

| Option(s)                                     | Desc | Name        | Dir | City | County | Begin | End   |
|---|------|-------------|-----|------|--------|-------|-------|
| <a href="#">Select</a>   <a href="#">Zoom</a> | CST  | SUNSHINE ST | E   | null | GREENE | 0     | 6.875 |

- The logs for that portion of travelway are shown. Click on "Search".

LRS Map

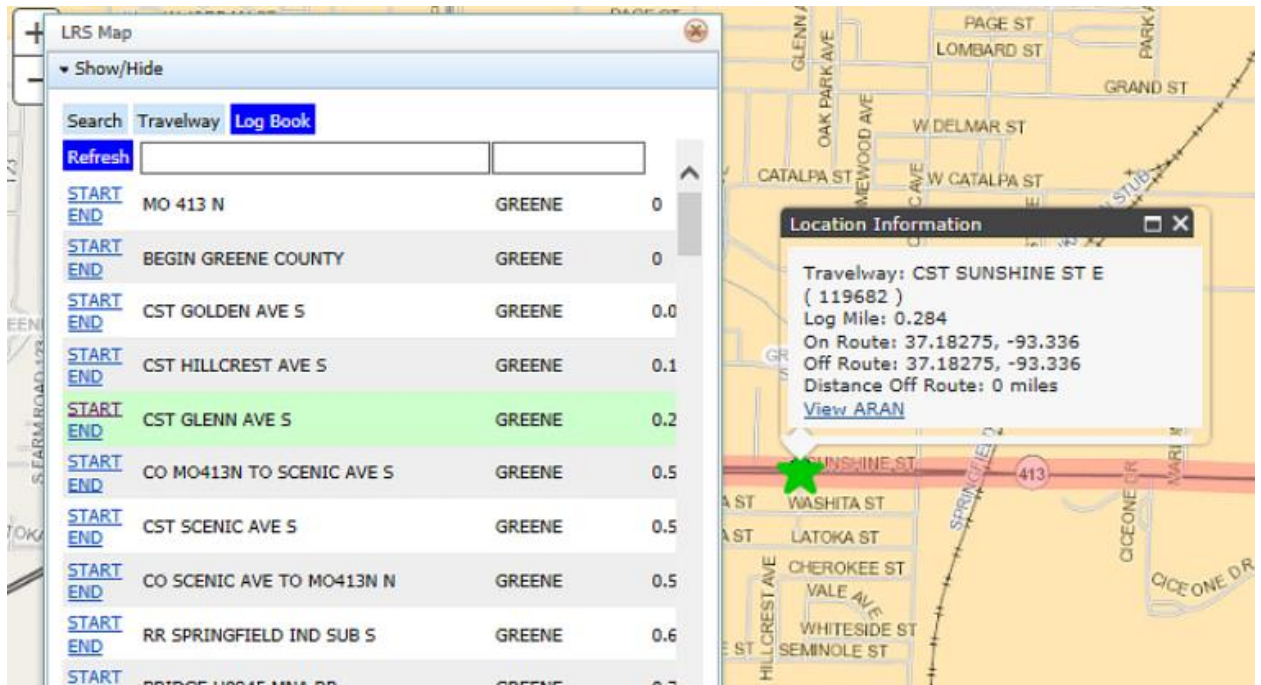
**Search** Travelway **Log Book** Legend

**Refresh**

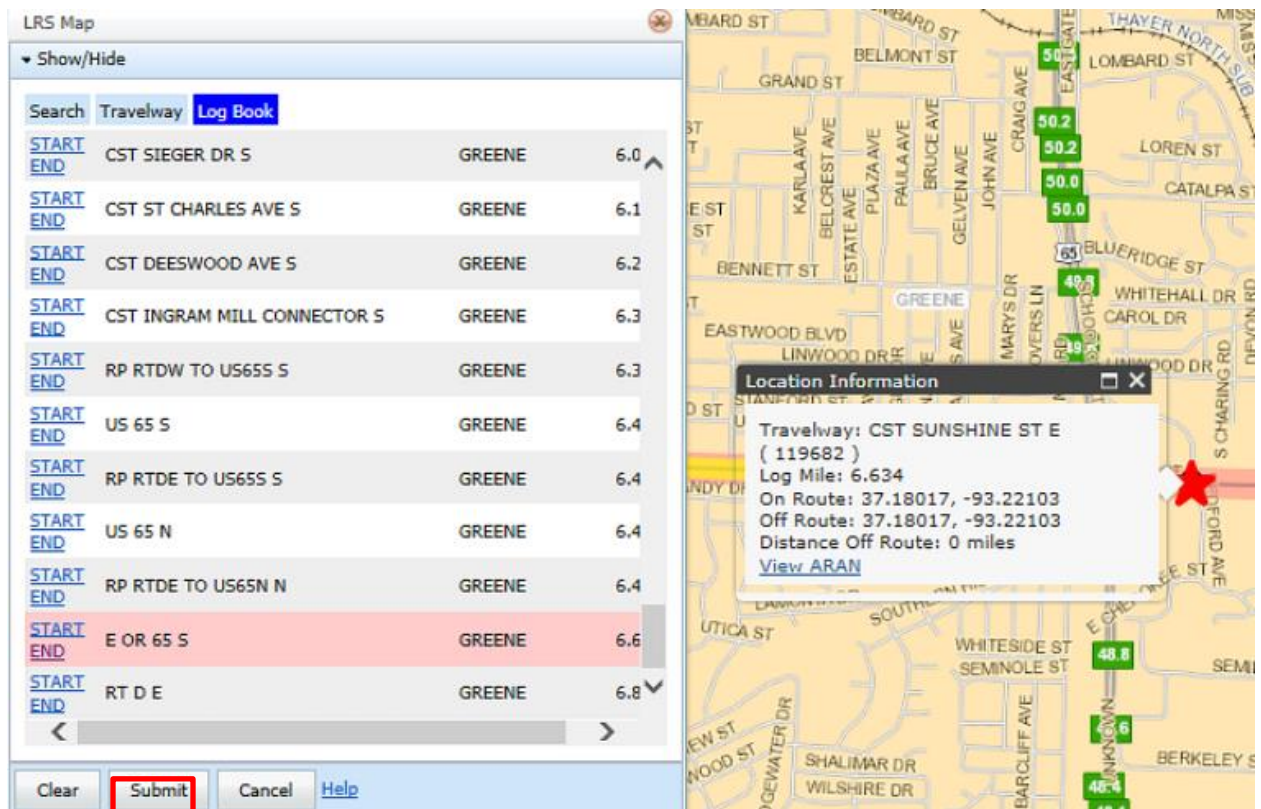
|  |       |                           |        |
|--|-------|---------------------------|--------|
| <a href="#">START</a><br><a href="#">END</a> | 0     | MO 413 N                  | GREENE |
| <a href="#">START</a><br><a href="#">END</a> | 0     | BEGIN GREENE COUNTY       | GREENE |
| <a href="#">START</a><br><a href="#">END</a> | 0.029 | CST GOLDEN AVE S          | GREENE |
| <a href="#">START</a><br><a href="#">END</a> | 0.186 | CST HILLCREST AVE S       | GREENE |
| <a href="#">START</a><br><a href="#">END</a> | 0.284 | CST GLENN AVE S           | GREENE |
| <a href="#">START</a><br><a href="#">END</a> | 0.518 | CO MO413N TO SCENIC AVE S | GREENE |
| <a href="#">START</a><br><a href="#">END</a> | 0.535 | CST SCENIC AVE S          | GREENE |
| <a href="#">START</a><br><a href="#">END</a> | 0.556 | CO SCENIC AVE TO MO413N N | GREENE |
| <a href="#">START</a><br><a href="#">END</a> | 0.679 | RR SPRINGFIELD IND SUB S  | GREENE |
| <a href="#">START</a><br><a href="#">END</a> | 0.7   | BRIDGE H0945 MNA RR       | GREENE |
| <a href="#">START</a><br><a href="#">END</a> | 0.751 | MO 413 S                  | GREENE |

Clear Submit Cancel [Help](#)

- To select the start log, click on the location along the highlighted route. The LRS Map information will display. Click on "LRS Map" again to hide it. A green star appears on the map along with the location information.



- To select the end log, click on the location along the highlighted route. The LRS Map information will display. Click on “LRS Map” again to hide it. A red star appears on the map along with the location information.





- Once the start and end logs have been selected, click on the “Submit” button. The travelway search criteria appears and lists all the intersecting travelways along the selected travelway.

Hourly volumes - CST SUNSHINE ST E Begin Log:0.284 End Log: 6.634

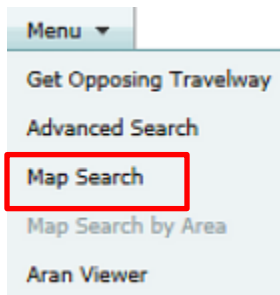
| Period   | 12   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9   | 10   | 11   | Total ADT |
|--|------|------|------|------|------|------|------|------|------|-----|------|------|-----------|
| <b>Segment: MO 413 N Roadway: EXPRESSWAY Date: 04/21/2016 Lanes: 3/2 Cap: 2860 Cautionary: 2200 Logs: 0 to 0.535</b>                   |      |      |      |      |      |      |      |      |      |     |      |      |           |
| AM   | 55   | 46   | 36   | 50   | 111  | 290  | 649  | 1128 | 907  | 668 | 667  | 641  | 11129     |
| PM   | 714  | 675  | 697  | 722  | 761  | 795  | 476  | 305  | 262  | 219 | 157  | 95   | 11129     |
| <b>Segment: CST SCENIC AVE S Roadway: EXPRESSWAY Date: 04/21/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 0.535 to 0.751</b>       |      |      |      |      |      |      |      |      |      |     |      |      |           |
| AM   | 212  | 159  | 136  | 136  | 178  | 310  | 584  | 834  | 864  | 890 | 947  | 990  | 16013     |
| PM   | 1011 | 1037 | 1065 | 1099 | 1124 | 1080 | 918  | 728  | 577  | 468 | 374  | 291  | 16013     |
| <b>Segment: MO 413 S Roadway: 5 LANE SECTION Date: 04/21/2016 Lanes: 2/1 Cap: 1000 Cautionary: 800 Logs: 1.314 to 1.791</b>            |      |      |      |      |      |      |      |      |      |     |      |      |           |
| AM   | 71   | 60   | 44   | 57   | 133  | 359  | 776  | 1231 | 1102 | 914 | 923  | 967  | 14672     |
| PM   | 931  | 949  | 889  | 953  | 1000 | 909  | 733  | 491  | 429  | 372 | 238  | 143  | 14672     |
| <b>Segment: CST FORT AVE S Roadway: 5 LANE SECTION Date: 04/21/2016 Lanes: 2/1 Cap: 1000 Cautionary: 800 Logs: 1.791 to 2.55</b>       |      |      |      |      |      |      |      |      |      |     |      |      |           |
| AM   | 236  | 179  | 152  | 152  | 198  | 346  | 653  | 932  | 966  | 995 | 1059 | 1106 | 17892     |
| PM   | 1130 | 1159 | 1190 | 1228 | 1257 | 1207 | 1026 | 813  | 645  | 523 | 418  | 325  | 17892     |
| <b>Segment: CST CAMPBELL AVE S Roadway: 5 LANE SECTION Date: 04/21/2016 Lanes: 2/1 Cap: 1000 Cautionary: 800 Logs: 2.55 to 2.968</b>   |      |      |      |      |      |      |      |      |      |     |      |      |           |
| AM   | 147  | 92   | 55   | 61   | 139  | 381  | 804  | 1378 | 1226 | 782 | 947  | 1188 | 19011     |
| PM   | 1379 | 1300 | 1331 | 1418 | 1357 | 1285 | 1155 | 768  | 706  | 530 | 344  | 238  | 19011     |
| <b>Segment: CST KIMBROUGH AVE S Roadway: 5 LANE SECTION Date: 04/21/2016 Lanes: 2/1 Cap: 1000 Cautionary: 800 Logs: 2.968 to 3.564</b> |      |      |      |      |      |      |      |      |      |     |      |      |           |
| AM   | 196  | 148  | 126  | 126  | 165  | 287  | 542  | 774  | 802  | 827 | 879  | 918  | 14863     |
| PM   | 939  | 964  | 989  | 1020 | 1044 | 1003 | 853  | 676  | 536  | 434 | 348  | 269  | 14863     |

Page 1 of 2 (30 items) [1] 2 Page Size: 18

Change Search Export to Excel Exceeds Capacity Approaching Capacity One or more data elements not found

## Zoom

- Click on the “Menu” button and select the “Map Search” option.

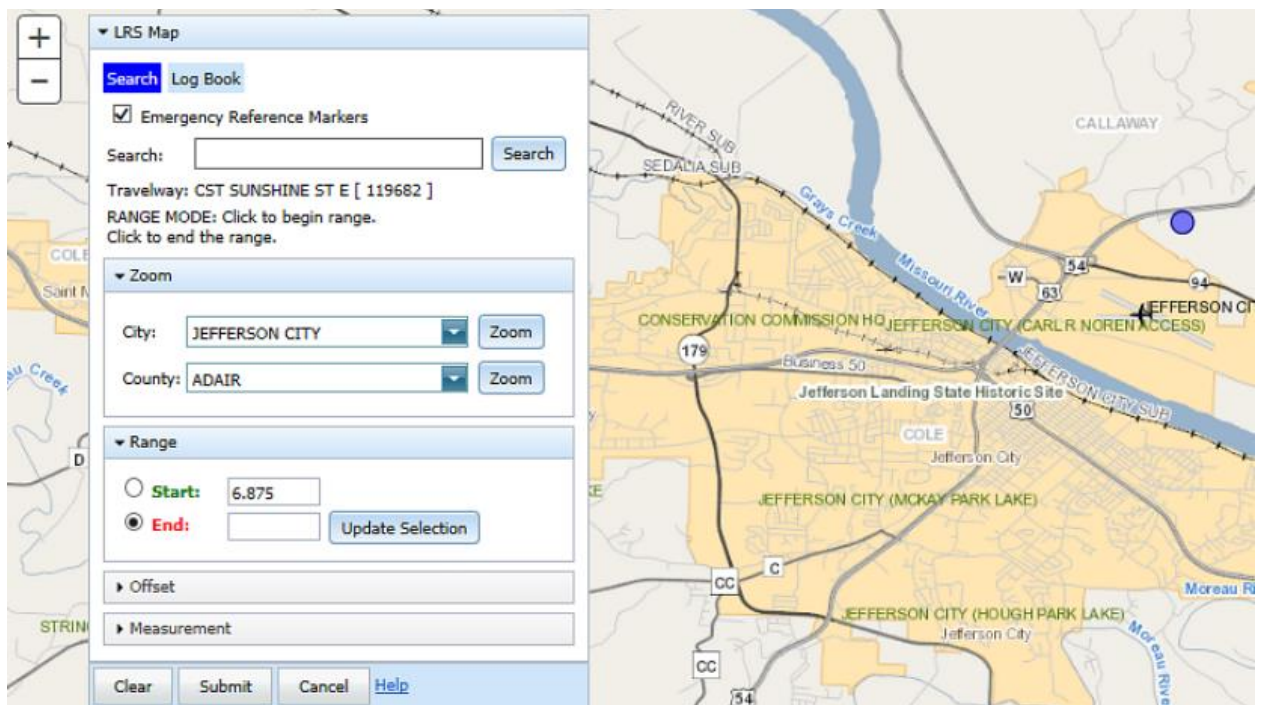


- Open the “LRS Map” and click on the “Search” button.
- Click on the arrow next to the “Zoom” area, and the window expands to display “City” and “County” fields.

A screenshot of a search form. At the top, there is a dropdown menu labeled 'Zoom' with a downward arrow, which is highlighted with a red rectangular box. Below this, there are two input fields: 'City' and 'County'. The 'City' field contains the text 'ABADYL' and the 'County' field contains the text 'ADAIR'. Each field has a dropdown arrow on its right side and a 'Zoom' button to its right.

- In the “City” field, type “Jeff”. All cities with “Jeff” in the name appear in the list. Select “Jefferson City” and click on “Zoom”.

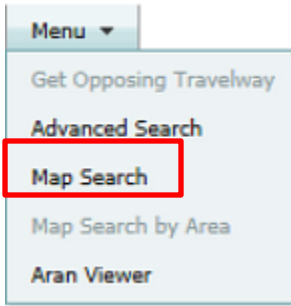
- The map will enhance to Jefferson City.



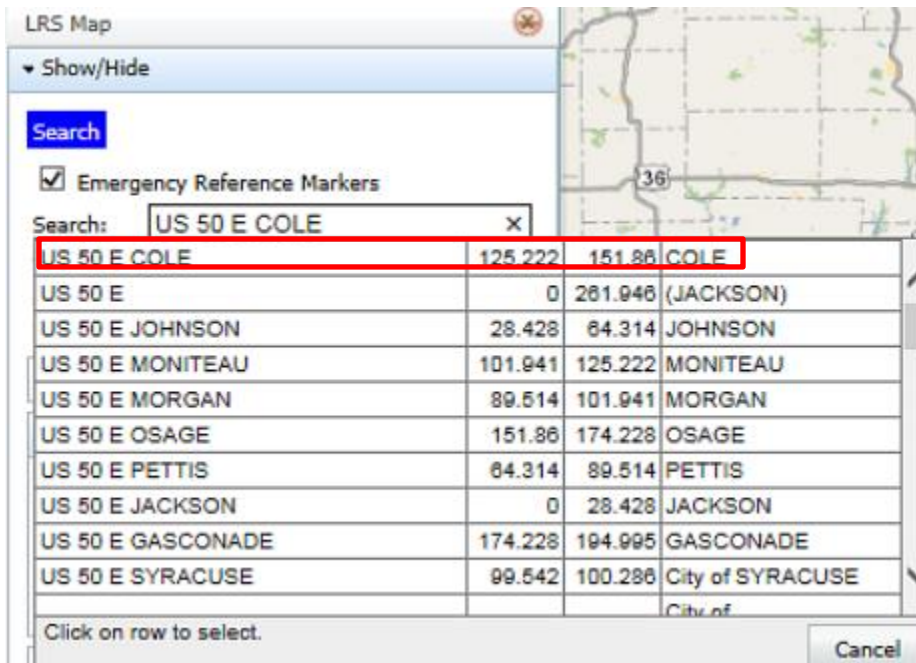
## Range

Another way to select log miles is to use the “Range” section of the “LRS Map” box.

- Click on the “Menu” button and select the “Map Search” option.



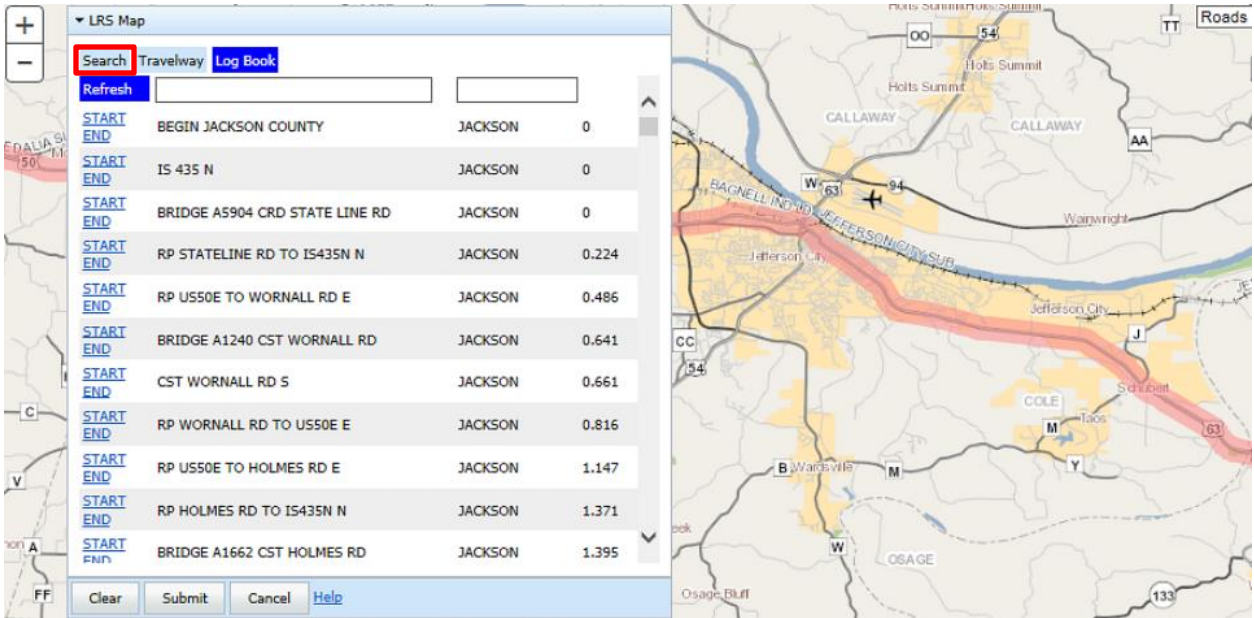
- Open the LRS Map by clicking on the black arrow beside “LRS Map”.
- Then click on the “Search” button.
- In the “Search” field, enter “US 50 E Cole” and select the below segment.



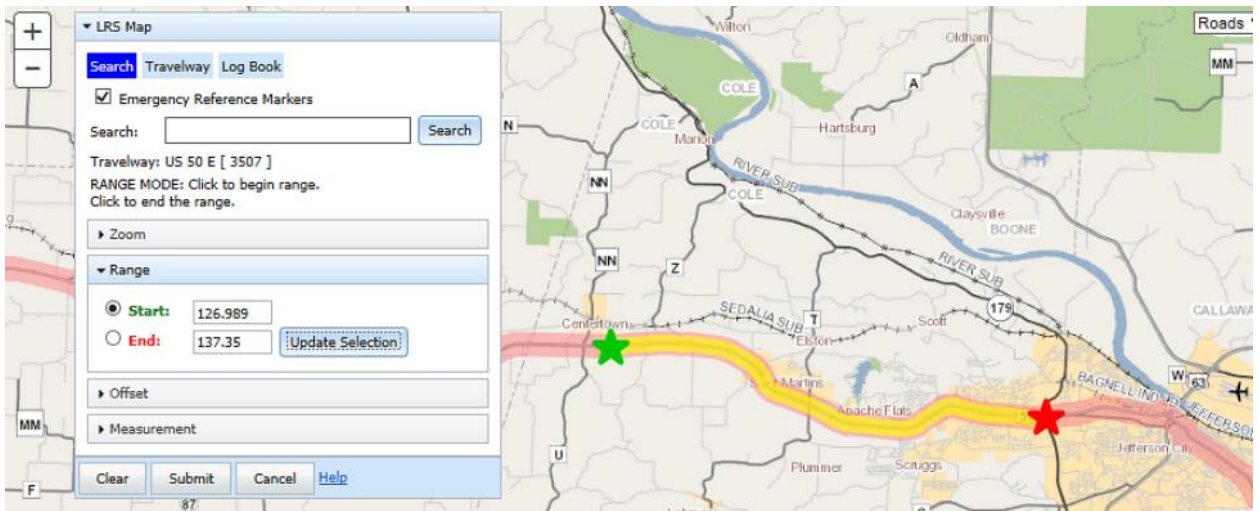
- The travelways appear based on the search criteria.



- “Select” will display the “Log Book” for the travelway selected. It will highlight and zoom to the selected travelway on the map.
- Click on the “Search” button.



- Enter “126.989” in the “Start” field and “137.35” in the “End” field, and then click on “Update Selection”. The map highlights and zooms to the selected logs miles with a green star at the start log mile and a red star at the end log mile.

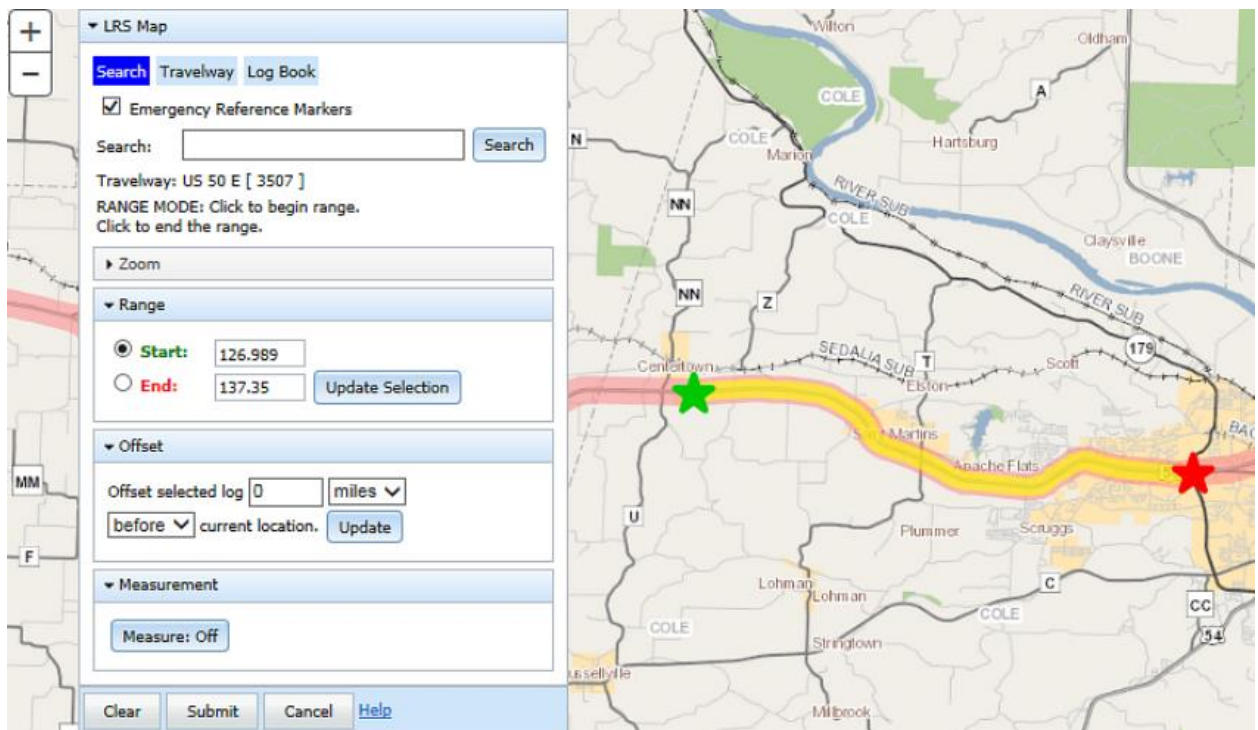


### Offset

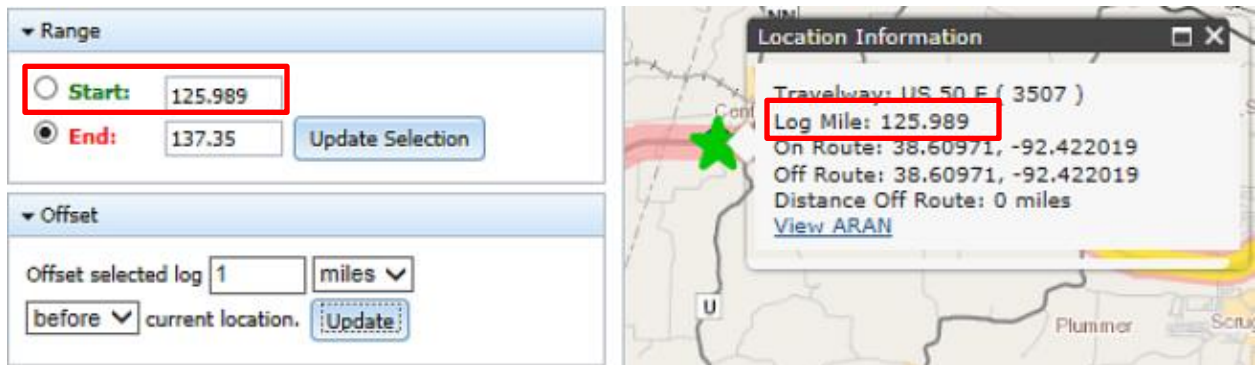
There is also an “Offset” section in the “LRS Map” box. Once the start and end log miles are selected, use the “miles” or “feet” options and “before” or “after” options to update the selection.

- Continuing from the example above, click on the “Offset” button to expand the offset section of the LRS Map. Under “Range”, the “Start” radio button is selected.





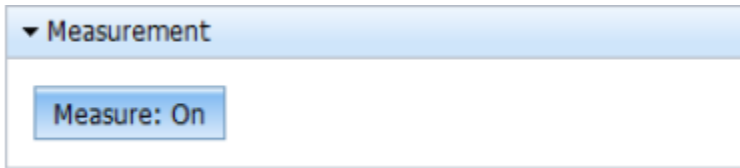
- In the “Offset selected log” field, enter “1” with “miles” and “before”. Make sure a “Start” or “End” radio button is selected. Then select “Update”. Notice the begin log mile changed from 126.989 to 125.989. It also moved and changed the green star and the “Location Information” box.



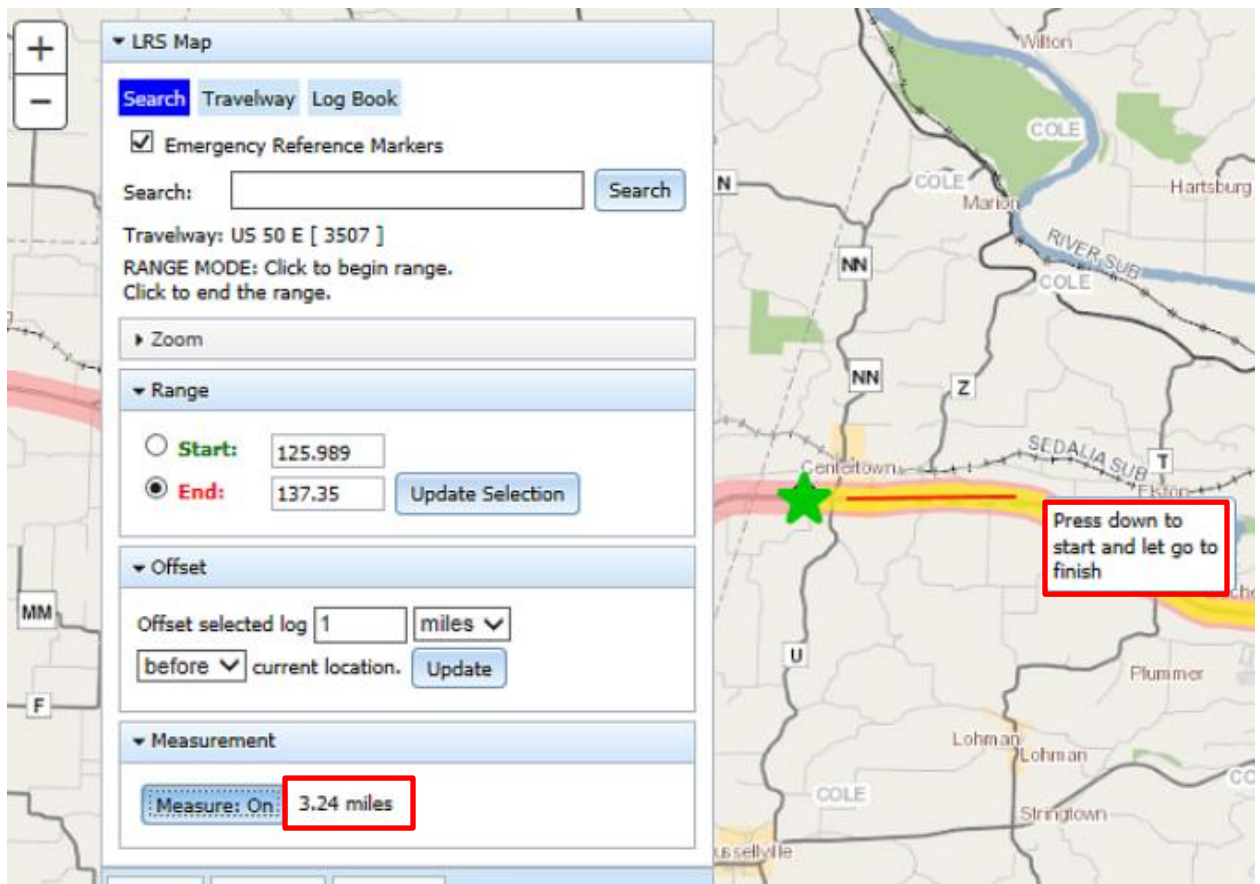


## Measurement

The “Measurement” tool measures locations/distances on the map. It can be turned on or off by clicking on the drop-down arrow and then clicking the “Measure: On or Off” button.



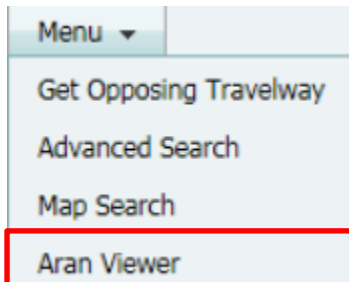
- Continuing from the example above, with “Measure: On”, move the mouse to the map, and a box will pop up with the directions on how to measure distance. While pressing down on the mouse button, draw a line. The line will be red drawing and will turn green and dashed when completed. The measurement results will display next to the “Measure: On” button. See below.



## Aran Viewer

When you click on “ARAN Viewer” from the “Menu” option, the view opens. This can be used as another resource for locating the traffic segment volume.

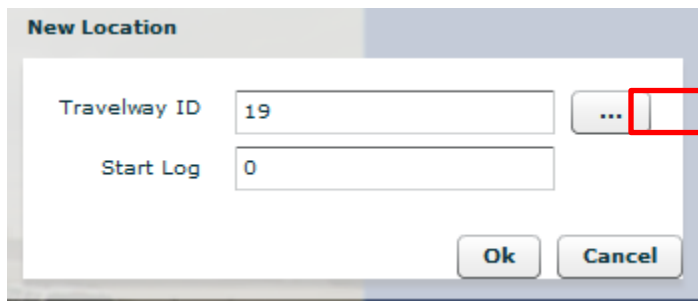
- Click on the “Menu” button and select the “Aran Viewer” option.



- Click on the “New Location” button at the top of the “Aran Viewer”.



- Click on the  button and enter the location. Using the designation, name and direction is a broad search and results in more records.



- Enter “IS 70 E” (designation, name and direction) and click on “Search”.

Search for Travelway

Search

| Tway ID | County | Desg | Name |
|---------|--------|------|------|
|---------|--------|------|------|

Ok Cancel

- The travelway containing the search criteria displays.

Search for Travelway

is 70 e Search

| Tway ID | County         | Desg | Name |
|---------|----------------|------|------|
| 6163    | ST. LOUIS      | IS   | 170  |
| 6135    | ST. LOUIS      | IS   | 270  |
| 6135    | ST. LOUIS CITY | IS   | 270  |
| 6037    | JACKSON        | IS   | 470  |
| 6062    | JACKSON        | IS   | 670  |
| 19      | JACKSON        | IS   | 70   |
| 19      | LAFAYETTE      | IS   | 70   |

Ok Cancel

- Using designation, name, direction and county will limit the records/search. For this example, use “IS 70 E Boone” and click on the “Search” button.

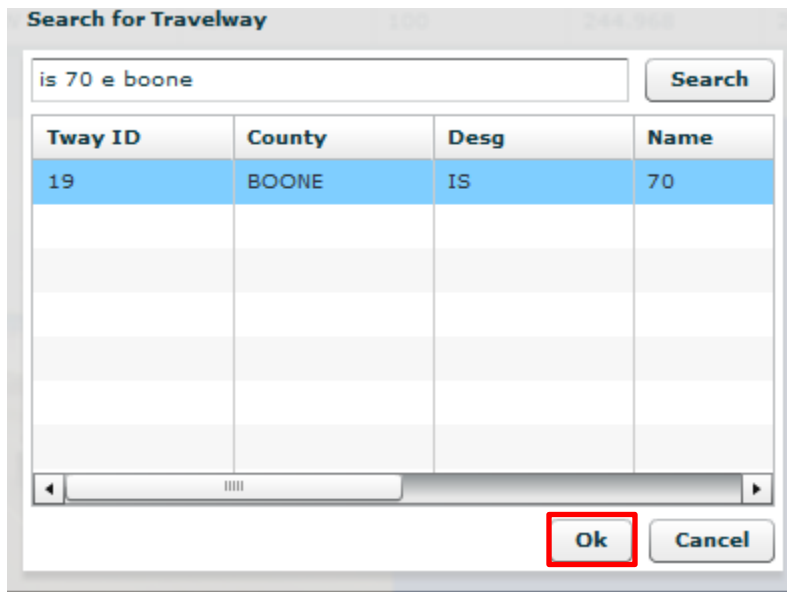
Search for Travelway

is 70 e boone Search

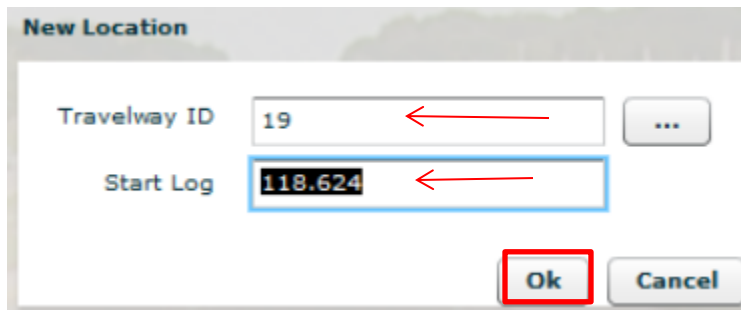
| Tway ID | County | Desg | Name |
|---------|--------|------|------|
|---------|--------|------|------|

Ok Cancel

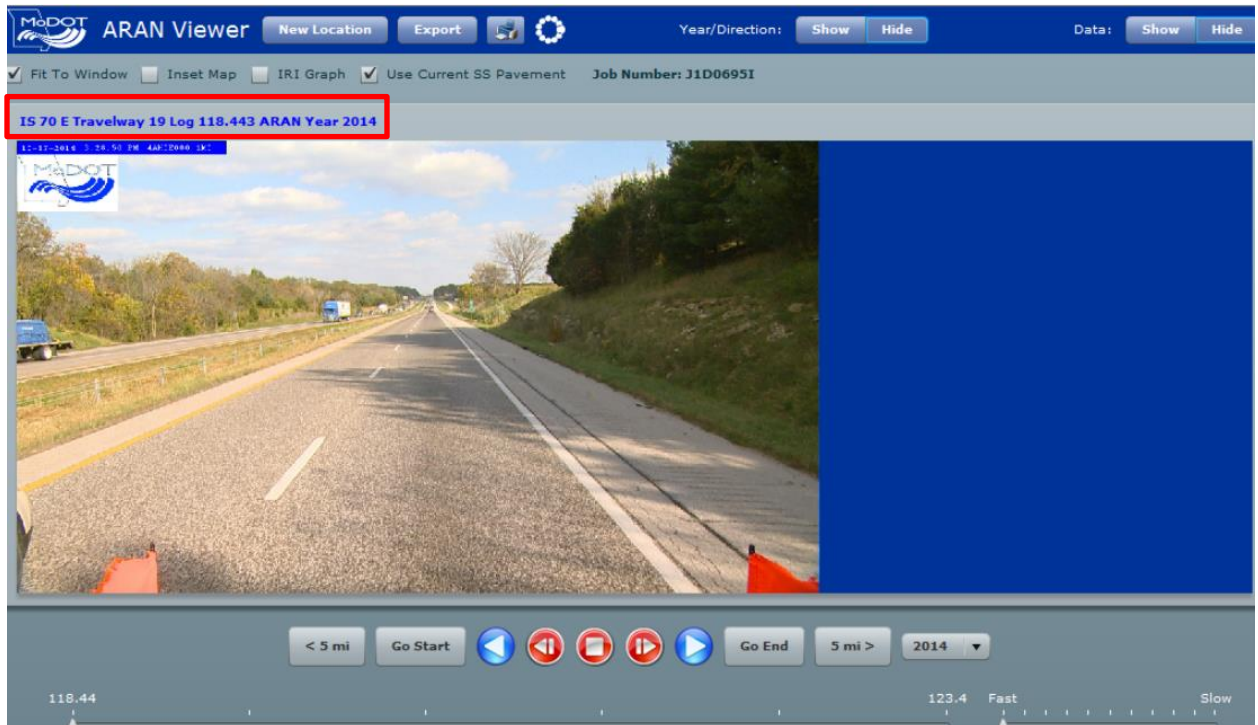
- Select a record to highlight in blue. Then click on “OK”.



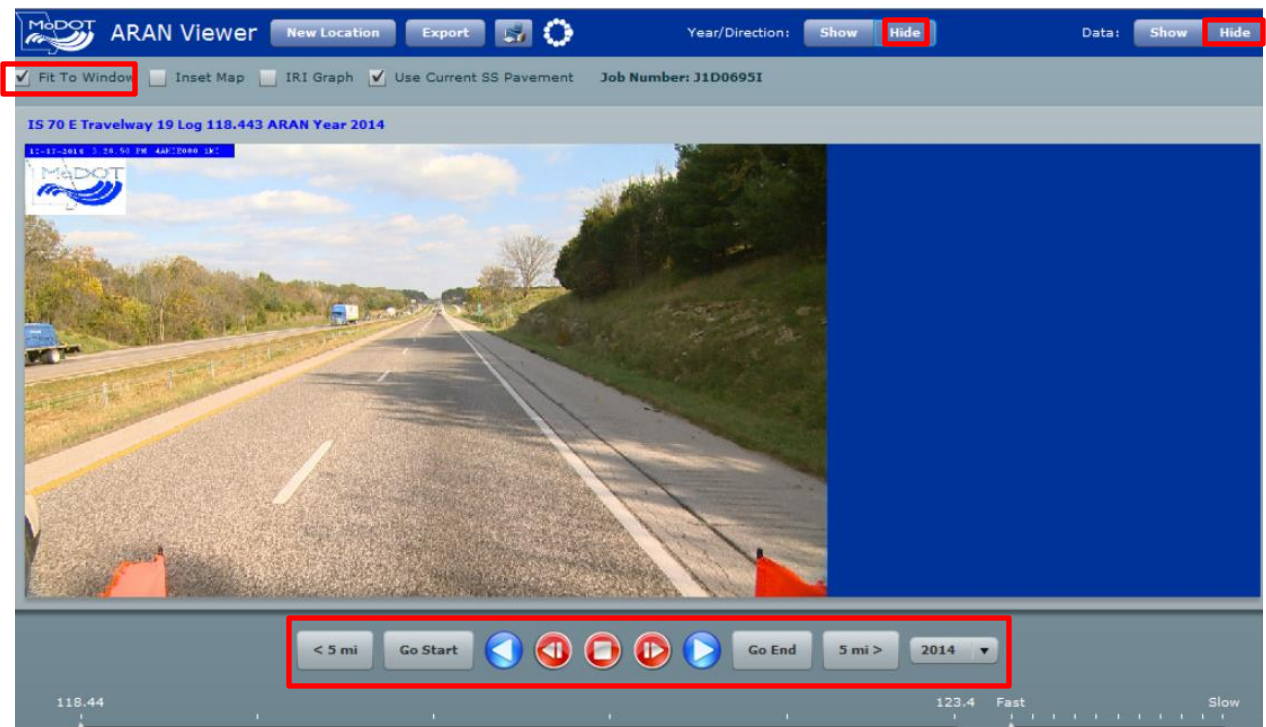
- The box below will appear providing the travelway ID and start log mile for the selected travelway. Click on “OK”.



- The ARAN Video brings you to the starting log mile for IS 70 E Boone County, as seen below.



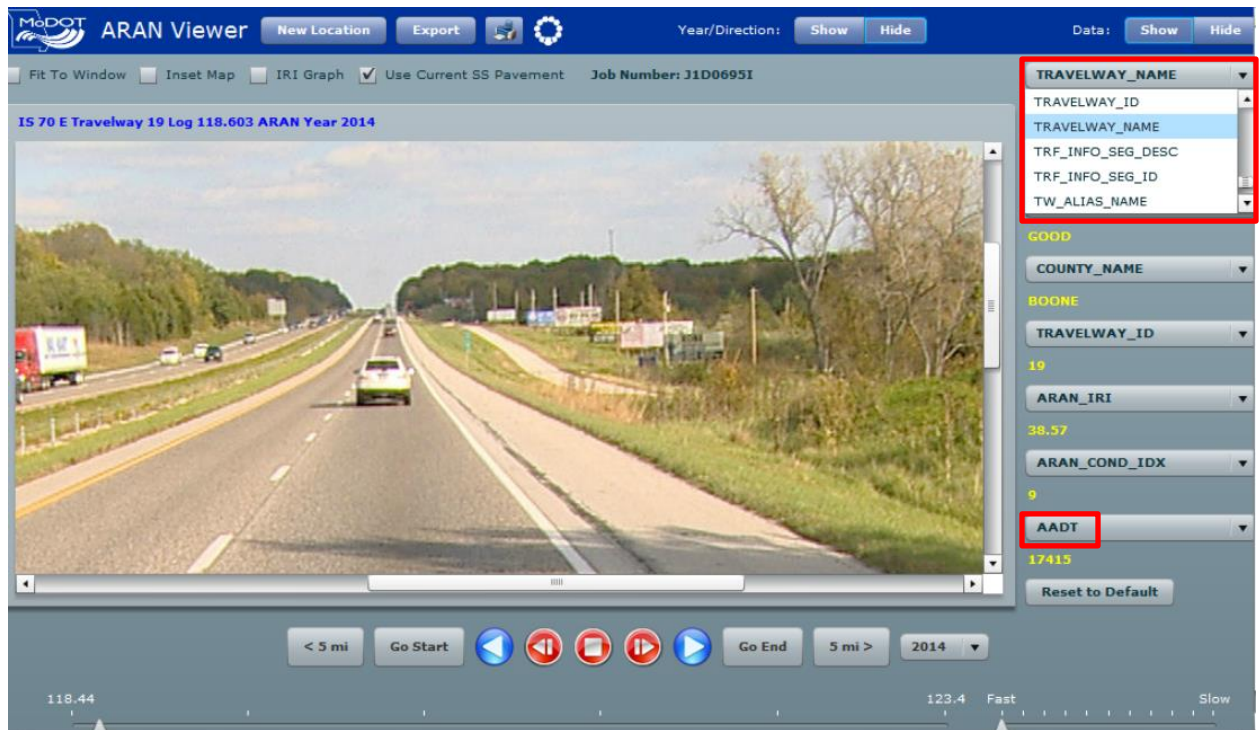
- Click on the **Hide** buttons to hide the top portion and the right side panel to add more space to see the travelway and right-of-way, if needed. Uncheck the “Fit To Window” box to expand the window for better viewing. Use the scroll bars on the bottom and right side of the screen to adjust the view.



- The bottom buttons operate like a DVD player with forward, reverse, stop, etc.



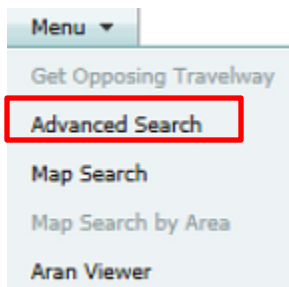
- Use the buttons on the right-hand side of the ARAN Viewer for adjustments. The viewer slide travels every two-hundredths of a mile. The ARAN Video can be used to get a visual of the travelway.
- Set each button's criteria by using the drop-down arrow and selecting any data type for a particular button. The button will change its name according to the data type selected.
- Move the slides forward or backward to change the information under each button.



- To exit the ARAN Video, click on the  in the upper right-hand corner.

## Simple Search

Simple Search is used to search by designation, name, county, etc. It is found in the “Advanced Search” area under “Menu”.



You can search any combination of the search options.

- Click on the “Simple Search” in the upper right-hand corner of the web page.

- The screen below appears. Toggle back and forth between the “Advanced Search” and the “Simple Search” by clicking on it.

- In the “Enter Travelway” field, type “US 50 E” and click on the “Search” button.

| Travelway Name    | Value 1 | Value 2 | Location         |
|-------------------|---------|---------|------------------|
| US 50 E           | 0.000   | 261.948 | (JACKSON)        |
| US 50 E JOHNSON   | 28.428  | 64.314  | JOHNSON          |
| US 50 E MONITEAU  | 101.941 | 125.222 | MONITEAU         |
| US 50 E FRANKLIN  | 104.995 | 233.098 | FRANKLIN         |
| US 50 E COLE      | 125.222 | 151.860 | COLE             |
| US 50 E MORGAN    | 89.514  | 101.941 | MORGAN           |
| US 50 E OSAGE     | 151.860 | 174.228 | OSAGE            |
| US 50 E PETTIS    | 64.314  | 89.514  | PETTIS           |
| US 50 E JACKSON   | 0.000   | 28.428  | JACKSON          |
| US 50 E GASCONADE | 174.228 | 194.995 | GASCONADE        |
| US 50 E SYRACUSE  | 99.542  | 100.288 | City of SYRACUSE |

- This will bring up the entire US 50 E travelway. To see the travelway segments of US 50 E, click on the “Select Travelway Logs” button.

| TWAY ID | DESG | NAME | DIR | BEGIN | END     |
|---------|------|------|-----|-------|---------|
| 3507    | US   | 50   | E   | 0     | 261.946 |

Select Travelway Logs

Select Cancel

- To find the traffic volume for a segment(s), select the segment(s) from the web page below. To narrow the search, sort by column.

Travelway Search

US 50 E

Begin Log: 0 End Log: 0 Variance: 0 Menu Travelway Id: 3507

Logs Intersecting

Show Emergency Response Markers

| Desg   | Travelway / Bridge             | County  | City        | Div/Undiv | Exit | Continuous Log | County Log |
|--------|--------------------------------|---------|-------------|-----------|------|----------------|------------|
| CRD    | CRD STATE LINE RD S            | JACKSON | KANSAS CITY | D         |      | 0.000          | 0.000      |
| BRIDGE | BRIDGE A5904 CRD STATE LINE RD | JACKSON | KANSAS CITY | D         |      | 0.000          | 0.000      |
| IS     | IS 435 N                       | JACKSON | KANSAS CITY | D         |      | 0.000          | 0.000      |
| RP     | RP STATELINE RD TO IS435N N    | JACKSON | KANSAS CITY | D         |      | 0.224          | 0.224      |
| RP     | RP US50E TO WORNALL RD E       | JACKSON | KANSAS CITY | D         | 75A  | 0.486          | 0.486      |
| BRIDGE | BRIDGE A1740 CST WORNALL RD    | JACKSON | KANSAS      | D         |      | 0.641          | 0.641      |

Page 1 of 20 (999 items) [1] 2 3 4 5 6 7 ... 18 19 20 Page Size: 50

Begin Log End Log Details Distance Find

View Travelway Search

Select Cancel

- For example, type “Cole” in the “County” field and click the “Enter” button.

Travelway Search

US 50 E

Begin Log  End Log  Variance   Travelway Id 3507

**Logs** Intersecting

Show Emergency Response Markers

| Desg   | Travelway / Bridge           | County | City       | Div/Undiv | Exit | Continuous Log | County Log |
|--------|------------------------------|--------|------------|-----------|------|----------------|------------|
|        |                              | COLE   |            |           |      |                |            |
| BRIDGE | BRIDGE A7512 STROBEL BR CR   | COLE   |            | D         |      | 125.767        | 0.545      |
| CO     | CO US50E TO RTU S            | COLE   |            | D         |      | 126.224        | 1.002      |
| RT     | RT U S                       | COLE   |            | D         |      | 126.379        | 1.157      |
| CST    | CST SHANGRI-LA RD S          | COLE   | CENTERTOWN | D         |      | 126.989        | 1.767      |
| CO     | CO US50E TO MURPHY FORD RD S | COLE   |            | D         |      | 127.539        | 2.317      |
| CRD    | CRD MURPHY FORD RD S         | COLE   |            | D         |      | 127.688        | 2.466      |
| PVT    | PVT SHADY ACRES RD S         | COLE   |            | D         |      | 128.302        | 3.080      |
| CRD    | CRD LOOKOUT TRL E            | COLE   |            | D         |      | 128.743        | 3.521      |
| CRD    | CRD NINE HILLS RD S          | COLE   |            | D         |      | 128.743        | 3.521      |

Page 1 of 2 (94 items)   Page Size: 50

Begins with([County], 'cole')

View Travelway Search

- Select the segment for the begin log mile by double clicking on the segment or click once to select the segment and click on the “Begin Log” button.

Travelway Search

US 50 E

Begin Log  End Log  Variance   Travelway Id 3507

**Logs** Intersecting

Show Emergency Response Markers

| Desg   | Travelway / Bridge           | County | City       | Div/Undiv | Exit | Continuous Log | County Log |
|--------|------------------------------|--------|------------|-----------|------|----------------|------------|
|        |                              | COLE   |            |           |      |                |            |
| BRIDGE | BRIDGE A7512 STROBEL BR CR   | COLE   |            | D         |      | 125.767        | 0.545      |
| CO     | CO US50E TO RTU S            | COLE   |            | D         |      | 126.224        | 1.002      |
| RT     | RT U S                       | COLE   |            | D         |      | 126.379        | 1.157      |
| CST    | CST SHANGRI-LA RD S          | COLE   | CENTERTOWN | D         |      | 126.989        | 1.767      |
| CO     | CO US50E TO MURPHY FORD RD S | COLE   |            | D         |      | 127.539        | 2.317      |
| CRD    | CRD MURPHY FORD RD S         | COLE   |            | D         |      | 127.688        | 2.466      |
| PVT    | PVT SHADY ACRES RD S         | COLE   |            | D         |      | 128.302        | 3.080      |
| CRD    | CRD LOOKOUT TRL E            | COLE   |            | D         |      | 128.743        | 3.521      |
| CRD    | CRD NINE HILLS RD S          | COLE   |            | D         |      | 128.743        | 3.521      |

Page 1 of 2 (94 items)   Page Size: 50

Begins with([County], 'cole')

View Travelway Search

- Do the same process to get the end log. This will populate both “Begin Log” and “End Log” fields.

- Click the “Select” button.

Select Travelway

US 50 E

Begin Log: 125.767 End Log: 133.974 Variance: 0 Menu Travelway Id: 3507

Logs Intersecting

Show Emergency Response Markers

| Desg   | Travelway / Bridge             | County | City        | Div/Undiv | Exit | Continuous Log | County Log |
|--------|--------------------------------|--------|-------------|-----------|------|----------------|------------|
| RT     | RT D S                         | COLE   | ST. MARTINS | D         |      | 131.860        | 6.638      |
| RT     | RT T S                         | COLE   | ST. MARTINS | D         |      | 131.860        | 6.638      |
| RP     | RP RTD TO U550E N              | COLE   |             | D         |      | 132.215        | 6.993      |
| RP     | RP U550E TO BIG HORN DR S      | COLE   |             | D         |      | 133.711        | 8.489      |
| RP     | RP BIG HORN DR TO U550E E      | COLE   |             | D         |      | 133.938        | 8.716      |
| BRIDGE | BRIDGE A4187 CRD BIG HORN DR   | COLE   |             | D         |      | 133.974        | 8.752      |
| CRD    | CRD BIG HORN DR S              | COLE   |             | D         |      | 133.983        | 8.761      |
| RP     | RP BUSINESS 50 WEST TO U550E E | COLE   |             | D         |      | 134.601        | 9.379      |

Page 1 of 2 (94 items) [1] 2 Page Size: 50

Begins with([Country], 'cole') Clear

Begin Log End Log Details Distance Find

View Travelway Search

Select Cancel

- The hourly volumes will appear below for the selected travelway.

ENTER DESIGNATION, NAME, COUNTY, ETC. Menu Hide Menus

Hourly volumes - US 50 E Begin Log:125.767 End Log: 133.974

| Period  | 12  | 1   | 2   | 3   | 4   | 5   | 6   | 7    | 8   | 9   | 10  | 11  | Total ADT |
|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----------|
| <b>Segment: .102 mile(s) after CRD COUNTY LINE RD E Roadway: EXPRESSWAY Date: 04/21/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 125.222 to 126.379</b> |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM  | 19  | 6   | 8   | 10  | 24  | 87  | 336 | 500  | 219 | 188 | 165 | 157 | 3135      |
| PM  | 163 | 168 | 158 | 206 | 194 | 172 | 117 | 72   | 64  | 47  | 29  | 23  | 3135      |
| <b>Segment: RT U S Roadway: EXPRESSWAY Date: 04/21/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 126.379 to 127.688</b>                                  |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM  | 20  | 7   | 12  | 19  | 56  | 187 | 589 | 949  | 375 | 319 | 268 | 253 | 5335      |
| PM  | 292 | 255 | 295 | 271 | 281 | 314 | 200 | 134  | 101 | 62  | 51  | 26  | 5335      |
| <b>Segment: CRD MURPHY FORD RD S Roadway: EXPRESSWAY Date: 04/21/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 127.688 to 130.234</b>                    |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM  | 21  | 7   | 13  | 20  | 58  | 195 | 617 | 993  | 392 | 333 | 281 | 264 | 5578      |
| PM  | 304 | 266 | 308 | 283 | 294 | 328 | 210 | 141  | 105 | 65  | 53  | 28  | 5578      |
| <b>Segment: CRD HENWICK LN E Roadway: EXPRESSWAY Date: 04/21/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 130.234 to 131.86</b>                         |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM  | 21  | 8   | 12  | 20  | 59  | 199 | 628 | 1012 | 399 | 339 | 286 | 269 | 5685      |
| PM  | 310 | 271 | 314 | 288 | 300 | 335 | 214 | 143  | 107 | 67  | 54  | 28  | 5685      |
| <b>Segment: RT T S Roadway: EXPRESSWAY Date: 04/21/2016 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 131.86 to 133.983</b>                                   |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM  | 18  | 10  | 20  | 27  | 60  | 299 | 776 | 1548 | 620 | 405 | 351 | 339 | 7714      |
| PM  | 383 | 353 | 380 | 412 | 413 | 420 | 286 | 205  | 140 | 106 | 97  | 46  | 7714      |

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Change Search Export to Excel Exceeds Capacity Approaching Capacity One or more data elements not found



## Change Search

- To change the search, click on the “Change Search” button in the lower left corner of the web page.

ENTER DESIGNATION, NAME, COUNTY, ETC.

| Hourly volumes - US 50 E Begin Log:125.767 End Log: 133.974   |     |     |     |     |     |     |     |      |     |     |     |     |           |
|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----------|
| Period  | 12  | 1   | 2   | 3   | 4   | 5   | 6   | 7    | 8   | 9   | 10  | 11  | Total ADT |
| <b>Segment: CRD WIENEKE BRANCH RD S Roadway: EXPRESSWAY Date: 11/20/2015 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 123.428 to 126.379</b> |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM  | 22  | 8   | 8   | 14  | 14  | 71  | 120 | 150  | 122 | 122 | 133 | 139 | 3179      |
| PM  | 117 | 98  | 177 | 278 | 438 | 381 | 275 | 163  | 122 | 98  | 65  | 44  | 3179      |
| <b>Segment: RT U S Roadway: EXPRESSWAY Date: 11/20/2015 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 126.379 to 127.688</b>                  |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM  | 40  | 15  | 15  | 25  | 25  | 130 | 220 | 276  | 225 | 225 | 246 | 256 | 5851      |
| PM  | 215 | 180 | 326 | 511 | 807 | 702 | 506 | 301  | 225 | 180 | 120 | 80  | 5851      |
| <b>Segment: CRD MURPHY FORD RD S Roadway: EXPRESSWAY Date: 11/20/2015 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 127.688 to 130.234</b>    |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM  | 40  | 15  | 15  | 25  | 25  | 130 | 220 | 276  | 225 | 225 | 246 | 256 | 5851      |
| PM  | 215 | 180 | 326 | 511 | 807 | 702 | 506 | 301  | 225 | 180 | 120 | 80  | 5851      |
| <b>Segment: CRD HENWICK LN E Roadway: EXPRESSWAY Date: 11/20/2015 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 130.234 to 131.86</b>         |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM  | 40  | 15  | 15  | 25  | 25  | 130 | 220 | 276  | 225 | 225 | 246 | 256 | 5851      |
| PM  | 215 | 180 | 326 | 511 | 807 | 702 | 506 | 301  | 225 | 180 | 120 | 80  | 5851      |
| <b>Segment: RT D S Roadway: EXPRESSWAY Date: 11/20/2015 Lanes: 2/1 Cap: 1240 Cautionary: 1000 Logs: 131.86 to 133.983</b>                   |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM  | 16  | 10  | 19  | 25  | 55  | 276 | 718 | 1433 | 573 | 374 | 324 | 314 | 7135      |
| PM  | 355 | 326 | 352 | 381 | 382 | 388 | 265 | 189  | 130 | 98  | 89  | 43  | 7135      |

Page 1 of 1 (15 items)   ■ Exceeds Capacity ■ Approaching Capacity ■ One or more data elements not found Page Size: 18

- This will bring up the “Search Criteria” box.
- Enter the start and end dates (only present and future dates are allowed).

Search Criteria

**Start Date:** 11/20/2015 **End Date:** 11/20/2015

**Capacity:** 0 **Cautionary Capacity:** 0

**Number of Lanes:** 0 **Number of Lanes Open:** 0

- Fill in the Capacity, Cautionary Capacity, Number of Lanes, and Number of Lanes Open fields. All or some of the fields can be completed.
- Then click the “Update” button.

Search Criteria

**Start Date:** 11/20/2015 **End Date:** 12/9/2015

**Capacity:** 1000 **Cautionary Capacity:** 900

**Number of Lanes:** 2 **Number of Lanes Open:** 1

- The web page below appears with the changes to the search criteria.

ENTER DESIGNATION, NAME, COUNTY, ETC.

| Hourly volumes - US 50 E Begin Log:125.767 End Log: 133.974  |     |     |     |     |     |     |     |      |     |     |     |     |           |
|--|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----------|
| Period   | 12  | 1   | 2   | 3   | 4   | 5   | 6   | 7    | 8   | 9   | 10  | 11  | Total ADT |
| <b>Segment:</b> CRD WIENEKE BRANCH RD S <b>Roadway:</b> EXPRESSWAY <b>Date:</b> 11/20/2015 <b>Lanes:</b> 2/1 <b>Cap:</b> 1000 <b>Cautionary:</b> 900 <b>Logs:</b> 123.428 to 126.379 |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM   | 22  | 8   | 8   | 14  | 14  | 71  | 120 | 150  | 122 | 122 | 133 | 139 | 3179      |
| PM   | 117 | 98  | 177 | 278 | 438 | 381 | 275 | 163  | 122 | 98  | 65  | 44  | 3179      |
| <b>Segment:</b> RT U S <b>Roadway:</b> EXPRESSWAY <b>Date:</b> 11/20/2015 <b>Lanes:</b> 2/1 <b>Cap:</b> 1000 <b>Cautionary:</b> 900 <b>Logs:</b> 126.379 to 127.688                  |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM   | 40  | 15  | 15  | 25  | 25  | 130 | 220 | 276  | 225 | 225 | 246 | 256 | 5851      |
| PM   | 215 | 180 | 326 | 511 | 807 | 702 | 506 | 301  | 225 | 180 | 120 | 80  | 5851      |
| <b>Segment:</b> CRD MURPHY FORD RD S <b>Roadway:</b> EXPRESSWAY <b>Date:</b> 11/20/2015 <b>Lanes:</b> 2/1 <b>Cap:</b> 1000 <b>Cautionary:</b> 900 <b>Logs:</b> 127.688 to 130.234    |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM   | 40  | 15  | 15  | 25  | 25  | 130 | 220 | 276  | 225 | 225 | 246 | 256 | 5851      |
| PM   | 215 | 180 | 326 | 511 | 807 | 702 | 506 | 301  | 225 | 180 | 120 | 80  | 5851      |
| <b>Segment:</b> CRD HENWICK LN E <b>Roadway:</b> EXPRESSWAY <b>Date:</b> 11/20/2015 <b>Lanes:</b> 2/1 <b>Cap:</b> 1000 <b>Cautionary:</b> 900 <b>Logs:</b> 130.234 to 131.86         |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM   | 40  | 15  | 15  | 25  | 25  | 130 | 220 | 276  | 225 | 225 | 246 | 256 | 5851      |
| PM   | 215 | 180 | 326 | 511 | 807 | 702 | 506 | 301  | 225 | 180 | 120 | 80  | 5851      |
| <b>Segment:</b> RT D S <b>Roadway:</b> EXPRESSWAY <b>Date:</b> 11/20/2015 <b>Lanes:</b> 2/1 <b>Cap:</b> 1000 <b>Cautionary:</b> 900 <b>Logs:</b> 131.86 to 133.983                   |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM   | 16  | 10  | 19  | 25  | 55  | 276 | 718 | 1433 | 573 | 374 | 324 | 314 | 7135      |
| PM   | 355 | 326 | 352 | 381 | 382 | 388 | 265 | 189  | 130 | 98  | 89  | 43  | 7135      |
| <b>Segment:</b> CRD WIENEKE BRANCH RD S <b>Roadway:</b> EXPRESSWAY <b>Date:</b> 11/21/2015 <b>Lanes:</b> 2/1 <b>Cap:</b> 1000 <b>Cautionary:</b> 900 <b>Logs:</b> 123.428 to 126.379 |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM   | 18  | 5   | 7   | 12  | 12  | 58  | 97  | 122  | 100 | 100 | 108 | 115 | 2592      |
| PM   | 95  | 79  | 143 | 226 | 356 | 312 | 224 | 134  | 100 | 79  | 55  | 35  | 2592      |

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Change Search Export to Excel Exceeds Capacity Approaching Capacity One or more data elements not found

## Export to Excel

The information on the “Hourly Volume” web page can be exported to an Excel spreadsheet.

- Click on the “Export to Excel” button in the lower left-hand corner of the web page.

ENTER DESIGNATION, NAME, COUNTY, ETC.  Search

Hourly volumes - US 50 E Begin Log:125.767 End Log: 133.974

| Period   | 12  | 1   | 2   | 3   | 4   | 5   | 6   | 7    | 8   | 9   | 10  | 11  | Total ADT |
|--|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----------|
| <b>Segment: CRD WIENEKE BRANCH RD S Roadway: EXPRESSWAY Date: 11/20/2015 Lanes: 2/1 Cap: 1000 Cautionary: 900 Logs: 123.428 to 126.379</b> |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM   | 22  | 8   | 8   | 14  | 14  | 71  | 120 | 150  | 122 | 122 | 133 | 139 | 3179      |
| PM   | 117 | 98  | 177 | 278 | 438 | 381 | 275 | 163  | 122 | 98  | 65  | 44  | 3179      |
| <b>Segment: RT U S Roadway: EXPRESSWAY Date: 11/20/2015 Lanes: 2/1 Cap: 1000 Cautionary: 900 Logs: 126.379 to 127.688</b>                  |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM   | 40  | 15  | 15  | 25  | 25  | 130 | 220 | 276  | 225 | 225 | 246 | 256 | 5851      |
| PM   | 215 | 180 | 326 | 511 | 807 | 702 | 506 | 301  | 225 | 180 | 120 | 80  | 5851      |
| <b>Segment: CRD MURPHY FORD RD S Roadway: EXPRESSWAY Date: 11/20/2015 Lanes: 2/1 Cap: 1000 Cautionary: 900 Logs: 127.688 to 130.234</b>    |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM   | 40  | 15  | 15  | 25  | 25  | 130 | 220 | 276  | 225 | 225 | 246 | 256 | 5851      |
| PM   | 215 | 180 | 326 | 511 | 807 | 702 | 506 | 301  | 225 | 180 | 120 | 80  | 5851      |
| <b>Segment: CRD HENWICK LN E Roadway: EXPRESSWAY Date: 11/20/2015 Lanes: 2/1 Cap: 1000 Cautionary: 900 Logs: 130.234 to 131.86</b>         |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM   | 40  | 15  | 15  | 25  | 25  | 130 | 220 | 276  | 225 | 225 | 246 | 256 | 5851      |
| PM   | 215 | 180 | 326 | 511 | 807 | 702 | 506 | 301  | 225 | 180 | 120 | 80  | 5851      |
| <b>Segment: RT D S Roadway: EXPRESSWAY Date: 11/20/2015 Lanes: 2/1 Cap: 1000 Cautionary: 900 Logs: 131.86 to 133.983</b>                   |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM   | 16  | 10  | 19  | 25  | 55  | 276 | 718 | 1433 | 573 | 374 | 324 | 314 | 7135      |
| PM   | 355 | 326 | 352 | 381 | 382 | 388 | 265 | 189  | 130 | 98  | 89  | 43  | 7135      |
| <b>Segment: CRD WIENEKE BRANCH RD S Roadway: EXPRESSWAY Date: 11/21/2015 Lanes: 2/1 Cap: 1000 Cautionary: 900 Logs: 123.428 to 126.379</b> |     |     |     |     |     |     |     |      |     |     |     |     |           |
| AM   | 18  | 5   | 7   | 12  | 12  | 58  | 97  | 122  | 100 | 100 | 108 | 115 | 2592      |
| PM   | 95  | 79  | 143 | 226 | 356 | 312 | 224 | 134  | 100 | 79  | 55  | 35  | 2592      |

Page 1 of 17 (300 items) [1] 2 3 4 5 6 7 ... 15 16 17 Page Size: 18

Change Search  Exceeds Capacity Approaching Capacity One or more data elements not found

- A message will appear at the bottom of the screen, as seen below.
- Click on the “Open” button to see the results, or click on the “Save” button to save the Excel file.

Do you want to open or save **grdTrafficCounts.xlsx** (20.8 KB) from **tmsdev**?

- If the “Open” button is clicked, the spreadsheet will appear. Some formatting to the file will need to be done.

**Protected View** This file originated from an Internet location and might be unsafe. Click for more details. Enable Editing

A1 fx Hourly volumes - US 50 E Begin Log:125.767 End Log: 133.974

|    | A  | B   | C   | D   | E   | F   | G   | H   | I    | J   | K   | L   | M   | N         | O | P | Q | R | S |
|----|--|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----------|---|---|---|---|---|
| 1  | <b>Hourly volumes - US 50 E Begin Log:125.767 End Log: 133.974</b>   |     |     |     |     |     |     |     |      |     |     |     |     |           |   |   |   |   |   |
| 2  | Period   | 12  | 1   | 2   | 3   | 4   | 5   | 6   | 7    | 8   | 9   | 10  | 11  | Total ADT |   |   |   |   |   |
| 3  | Segment: CRD WIENEKE BRANCH RD S Roadway: EXPRESSWAY Date: 11/20/2015 Lanes: 2/1 Cap:1000 Cautionary: 900 Logs: 123.428 to 126.379 |     |     |     |     |     |     |     |      |     |     |     |     |           |   |   |   |   |   |
| 4  | AM   | 22  | 8   | 8   | 14  | 14  | 71  | 120 | 150  | 122 | 122 | 133 | 139 | 3179      |   |   |   |   |   |
| 5  | PM   | 117 | 98  | 177 | 278 | 438 | 381 | 275 | 163  | 122 | 98  | 65  | 44  | 3179      |   |   |   |   |   |
| 6  | Segment: RT U S Roadway: EXPRESSWAY Date: 11/20/2015 Lanes: 2/1 Cap:1000 Cautionary: 900 Logs: 126.379 to 127.688                  |     |     |     |     |     |     |     |      |     |     |     |     |           |   |   |   |   |   |
| 7  | AM   | 40  | 15  | 15  | 25  | 25  | 130 | 220 | 276  | 225 | 225 | 246 | 256 | 5851      |   |   |   |   |   |
| 8  | PM   | 215 | 180 | 326 | 511 | 807 | 702 | 506 | 301  | 225 | 180 | 120 | 80  | 5851      |   |   |   |   |   |
| 9  | Segment: CRD MURPHY FORD RD S Roadway: EXPRESSWAY Date: 11/20/2015 Lanes: 2/1 Cap:1000 Cautionary: 900 Logs: 127.688 to 130.234    |     |     |     |     |     |     |     |      |     |     |     |     |           |   |   |   |   |   |
| 10 | AM   | 40  | 15  | 15  | 25  | 25  | 130 | 220 | 276  | 225 | 225 | 246 | 256 | 5851      |   |   |   |   |   |
| 11 | PM   | 215 | 180 | 326 | 511 | 807 | 702 | 506 | 301  | 225 | 180 | 120 | 80  | 5851      |   |   |   |   |   |
| 12 | Segment: CRD HENWICK LNE Roadway: EXPRESSWAY Date: 11/20/2015 Lanes: 2/1 Cap:1000 Cautionary: 900 Logs: 130.234 to 131.86          |     |     |     |     |     |     |     |      |     |     |     |     |           |   |   |   |   |   |
| 13 | AM   | 40  | 15  | 15  | 25  | 25  | 130 | 220 | 276  | 225 | 225 | 246 | 256 | 5851      |   |   |   |   |   |
| 14 | PM   | 215 | 180 | 326 | 511 | 807 | 702 | 506 | 301  | 225 | 180 | 120 | 80  | 5851      |   |   |   |   |   |
| 15 | Segment: RT D S Roadway: EXPRESSWAY Date: 11/20/2015 Lanes: 2/1 Cap:1000 Cautionary: 900 Logs: 131.86 to 133.983                   |     |     |     |     |     |     |     |      |     |     |     |     |           |   |   |   |   |   |
| 16 | AM   | 16  | 10  | 19  | 25  | 55  | 276 | 718 | 1433 | 573 | 374 | 324 | 314 | 7135      |   |   |   |   |   |
| 17 | PM   | 355 | 326 | 352 | 381 | 382 | 388 | 265 | 189  | 130 | 98  | 89  | 43  | 7135      |   |   |   |   |   |
| 18 | Segment: CRD WIENEKE BRANCH RD S Roadway: EXPRESSWAY Date: 11/21/2015 Lanes: 2/1 Cap:1000 Cautionary: 900 Logs: 123.428 to 126.379 |     |     |     |     |     |     |     |      |     |     |     |     |           |   |   |   |   |   |
| 19 | AM   | 18  | 5   | 7   | 12  | 12  | 58  | 97  | 122  | 100 | 100 | 108 | 115 | 2592      |   |   |   |   |   |
| 20 | PM   | 95  | 79  | 143 | 226 | 356 | 312 | 224 | 134  | 100 | 79  | 55  | 35  | 2592      |   |   |   |   |   |

Sheet

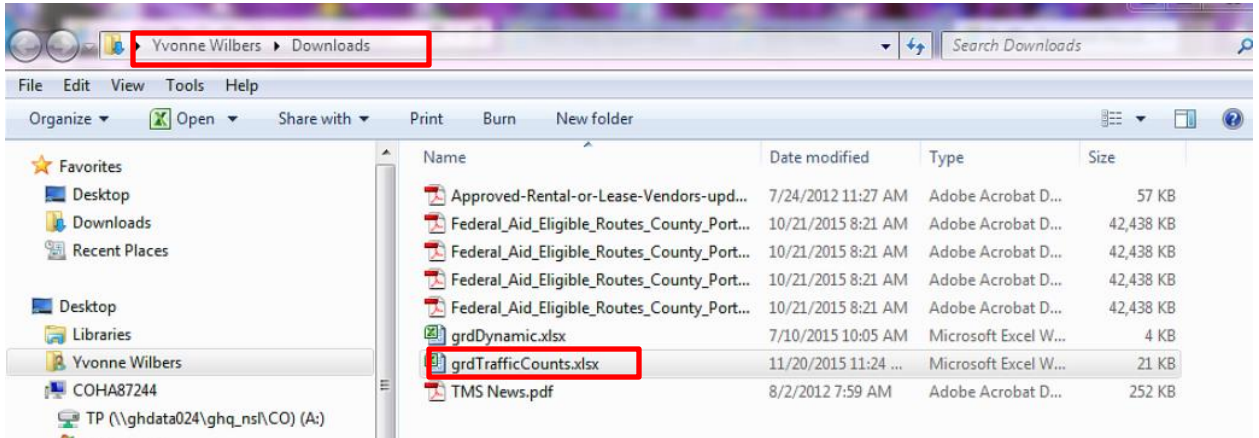
- Click the “Save” button.



- The below message will appear.
- Click the “Open folder” button.



- The file will show under your name and the folder “Downloads”.



- If the “View Downloads” is chosen, the file will show in the downloaded list and can be opened from there.

