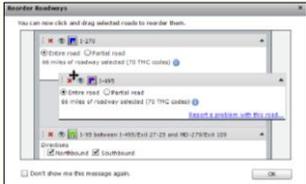




Multi-road Congestion Scan ▶ Step-by-step instructions for creating a multi-road congestion scan

1 Select a road.

Use the search bar to select your first road (entire or partial). Upon selecting a second road, you will see the pop-up message below on how to reorder roads:



Continue selecting roads to build your travel route.

2 Create one or more time periods to analyze.

Choose a time period you wish to analyze, for either a single period or for each day of your range.

3 Data source

Choose your data source(s). Note that new tabs will be created for each data source.

4 Granularity

Choose your data granularity. Note that some restrictions may apply, depending on the # of TMCs and time periods selected.

Congestion Scan

Congestion Scan lets you analyze traffic conditions on one or more stretches of road. If you choose to analyze individual days, traffic events and incidents will be plotted on the appropriate roadway. If you choose to analyze date ranges, traffic events will not be shown.

1. Select a road.

Road: Saved TMC Set

Search in New Jersey...

Your selected roads:

The following roads will be displayed and stitched together in the order below, even if the roads do not geographically connect. Click and drag to reorder selected roads.

- I-76
Entire road / Partial road
6.48 miles of roadway selected (20 TMC codes)
- NJ-42
Entire road / Partial road
32 miles of roadway selected (56 TMC codes)
- US-322 between NJ-42/Black Horse Pike/Glassboro...
From: Intersection To: Intersection
NJ-42/BLACK HORSE PIKE/GLA... CAPTAIN JOHN A O'DONNELL P...
76 miles of roadway selected (73 TMC codes)

Save as TMC set

2. Create one or more time periods to analyze.

Day(s) Month(s) Year

A maximum of 7 days is allowed within a single date range

07/03/2015 - through - 07/06/2015

Create a single time period for this range

Create a time period for each day within this range

Add time periods

Your selected time periods:

- July 03, 2015
- July 04, 2015
- July 05, 2015
- July 06, 2015

3. Data source

Your results for each data source will be opened in new tabs.

HERE

INRIX

NPMRDS (Passenger vehicles)

NPMRDS (Trucks and passenger vehicles)

NPMRDS (Trucks)

4. Granularity

1 minute

5 minutes

10 minutes

15 minutes

1 hour

5 Once you're satisfied with your selections, click Submit

Submit

Your Congestion Scan Query Summary

Traffic Conditions on I-76, NJ 42 and US 322 (from Philadelphia, PA to Atlantic City, NJ), during the July 4th weekend (July 3rd to July 6th, 2015), using INRIX data with 1-hour granularity.

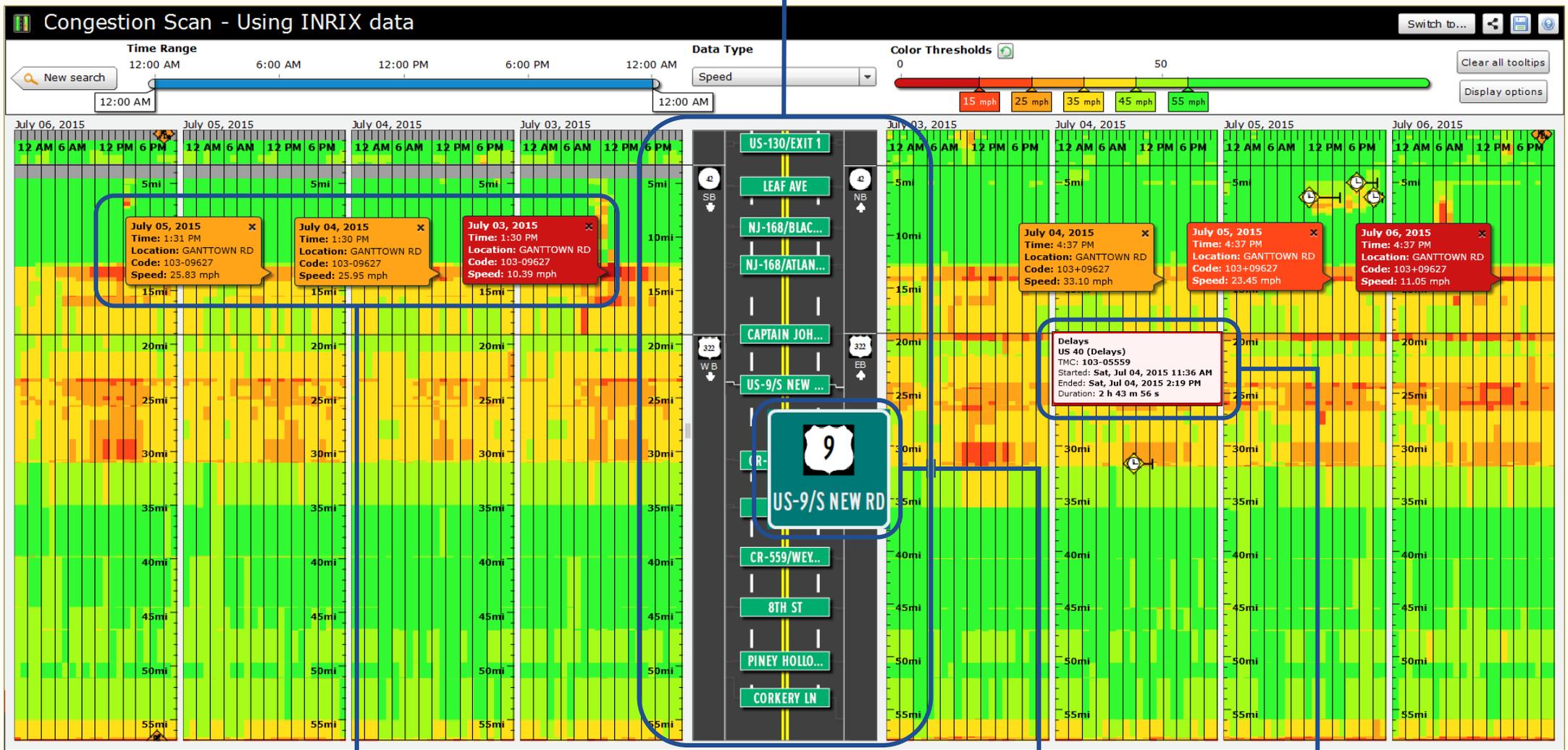


Resulting map depiction of the roads chosen that define your travel route (city labels added for context).



Multi-road Congestion Scan ▶ Your selected roads will be stitched together into a contiguous route summary

The total length (not MP) of the route is shown, top to bottom on the scan, with route shields and break lines to denote route changes on the roadway graphic.



You can lock multiple tooltips by simply clicking on a TMC (up to 2 tooltips per day, per direction)

Click on a road sign to see an expanded view

Click on an event icon to open a tooltip with detailed information



Use Case ▶ How to create a summary graphic using Multi-road Congestion Scan, Performance Charts & PowerPoint®

1 Build your background

- Take a screenshot of the map in Congestion Scan, paste into a PowerPoint slide.
- If desired, use the scribble shape tool in PowerPoint® to outline the road sections of interest, and color code
- Add a title box, labels, legend, arrows, etc. as appropriate

2 Add "hotspot" locations

- Use your Congestion Scan to locate a "hotspot" along the travel route
- Use the time range sliders to determine the worst period
- Hover over that period to find the slowest speed
- Repeat for each "hotspot" location
- Add call-out boxes to highlight each "hotspot", with time/speed data and image (aerial, CCTV, etc.)

3 Add roadway section travel times

- In Congestion Scan, click the "Switch to..." button and select [Performance Charts](#)
- Your initial query will be automatically rerun, resulting in a series of performance charts
- Under **Type**, select bar or candlestick (easiest to read)
- Under **Metric**, select Travel time (minutes)
- Hover over the bar or candlestick of interest, and record the associated travel time (by direction)
- Repeat for each roadway section
- Add call-outs to highlight roadway section travel times

4 Completing your package

- Use saved screenshots from Multi-road Congestion Scan and Performance Charts to supplement the Summary (for data detail and drill-down as needed)
- Similar to Performance Charts, use the "Switch to" button for creating [Trend Map](#) and [User Delay Cost Analysis](#) results, to better tell your story

