

MSDIS Update – October 2024

Updated Data

- MO MoDOT Roads Routes
- MO MoDOT Roads Arcs
- MO MoDOT Emergency Reference Markers
- MO MoDOT Commuter Lots
- MO MoDOT Rest Areas

MSDIS General News

A New Image Server

Construction of the MSDIS Statewide Image Server continues. I have run into some delays due to various and sundry IT permissions which has slowed our progress, but we are still moving forward. As of right now, ArcGIS Server has been installed, a license has been activated, and connections have been made to our existing data storage. At a minimum, we still need to install ArcGIS Pro, install and configure Web Adaptor for IIS, secure an active security certificate, and test our ability to publish data. We also still need to pick a URL. I'm currently leaning towards "mostateimagery" (to match the existing "moimagery"), but I am open to suggestions.

AWS Open Data

After reading some of the AWS Open Data Sponsorship materials, I will be reaching back out to our campus rep with some questions that I and my student interns still have about the program. I am still concerned about what and how much documentation we will need to provide as well as some of the data formatting requirements. Depending on the answers I receive, it is highly likely that I will begin the formal application process sometime this month. I anticipate that the Spring 2025 semester will be very busy, and I would like to get the foundation for this partnership established sooner rather than later. **I will not transfer any of Missouri's geospatial data over to AWS until I have had a full discussion of the program with our own stakeholders.**

Donate Directly to MSDIS

As a reminder, if you or your company would like to help support end-of-year awards for my undergraduate interns, the [MSDIS Excellence Fund](#), is open to the public and able to accept donations. As MSDIS' place in the world continues to rapidly expand and my attention is pulled in several different directions, my cadre of students are being asked to do more and more complex work. For example, Brennan Meyerhoff has recently completed work on a map request from our partners at the Missouri State Library and the recently updated MoDOT data were prepped for distribution and posted by Rachel Riley. Both Brennan and Rachel, along with Simon King, have also been helping with assessing the viability of the AWS Open Data Sponsorship Program.

MSDIS Downtime

No downtime was reported during October 2024.

Server Statistics

While I am still no longer able to report server statistics, [MSDIS server logs remain publicly available](#) for those interested in examining the raw information.