



OKI Traffic Count Program

November 12, 2025



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OKI Traffic Count Database

- The OKI traffic count database contains traffic count data that we have collected from local partners and our own counting projects.
- The AADTs generated from these counts can be accessed through our publicly available Traffic Count Dashboard.
- The dashboard can be found on our website under our Data & Maps tab
 - <https://apps.oki.org/traffic/>
- For more detailed count data, requests can be submitted to me.

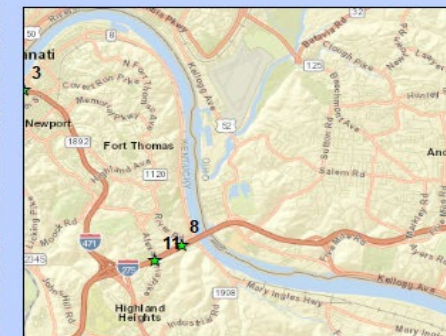
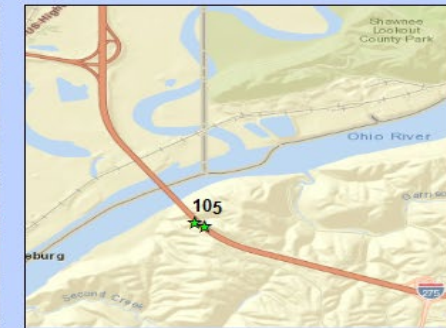
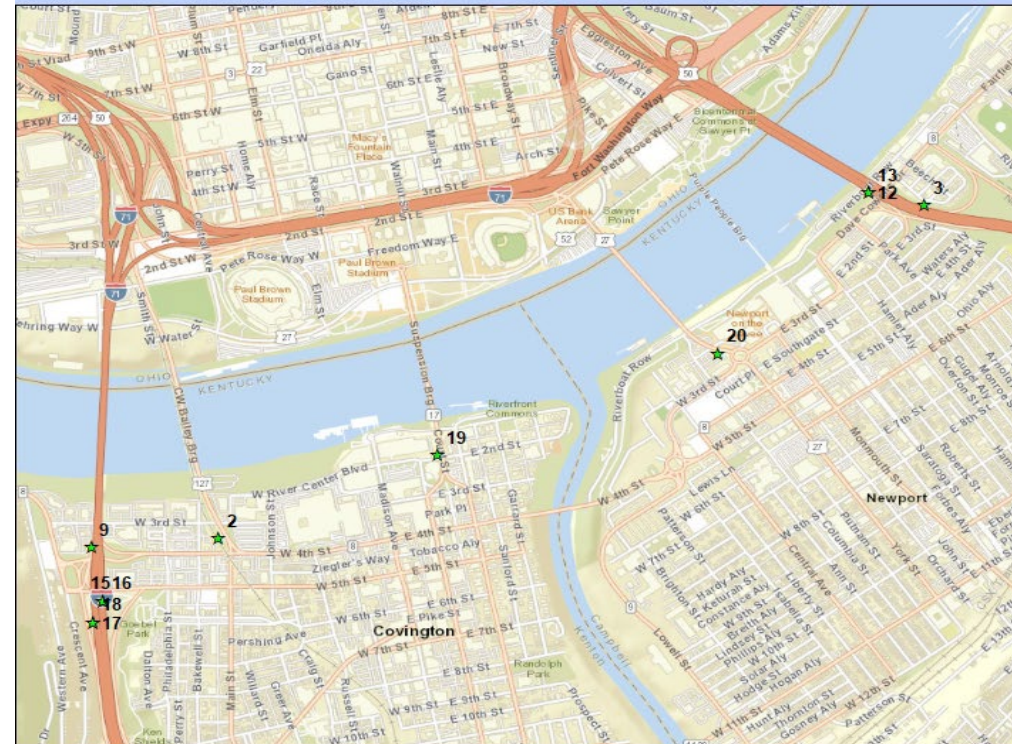
OKI Traffic Count Dashboard

- Contact Jersson at Jpachar@oki.org for details.

ORBCS Program

- 15 counters collecting traffic data over the 7 Ohio River vehicle bridges in the Cincinnati area.
- 14 radar based, 1 video-based.
- Readily accessible on the OKI traffic count dashboard and on the ODOT MS2 portal.

ORBCS DEVICES



★ Devices

- | | | |
|-----------------------|------------------------|----------------------|
| 2. Clay Wade Bailey | 10. Carroll Cropper EB | 16. Brent Spence NB |
| 3. Dan Beard NB | 11. Combs Hehl EB | 17. Brent Spence SB |
| 5. Carroll Cropper WB | 12. Dan Beard SB | 18. Brent Spence SB |
| 8. Combs Hehl WB | 13. Dan Beard SB | 19. Roebling |
| 9. Fifth Street | 15. Brent Spence NB | 20. Taylor Southgate |

Service Layer
Credits: Sources:
Esri, HERE, Garmin,

Future of ORBCS program

- Disadvantages of radar-based traffic counters:
 - Typically around 90% accurate
 - Length based classification
 - Processes microwave feedback from vehicles
 - Issues in stop & go traffic/congestion
- Video-based AI Traffic Counting eliminates these issues
 - Over 98% volume accuracy and 95% for classification
 - Image based classification
 - Uses FHWA 13 vehicle classification
 - Data is verifiable

Leetron Vision AI at the Combs Hehl Bridge

- Please contact Jersson at Jpachar@oki.org for video footage.

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Please send me your traffic counts!
Thank you

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