

MACOMB COUNTY DEPARTMENT OF ROADS

TRAFFIC OPERATIONS CENTER

*"To provide and maintain a reliable real-time traffic operations system, in coordination with county stakeholders, that enables a safe, efficient, and informative travel experience."
- MCDR TOC Mission Statement*

PERFORMANCE MEASURES



June 2023

AECOM

WSP

**INTEGRAL
BLUE**



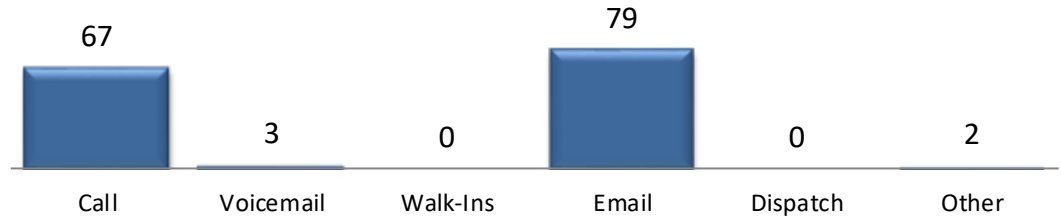
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MONTHLY TOC HIGHLIGHT

June was highly productive for the ongoing construction work in Macomb County. The Macomb County Department of Roads' Traffic Operations Center team collaborated with various contractors and vendors for the Innovate Mound project, ensuring operations of the traffic signals, communication network, and all other field hardware for a rapid signal transition and minimal impact to traffic flow. In addition, the team received an award, and presented the Macomb County's award-winning traffic signal operations strategies at various interstate, international, and professional engineering conferences.

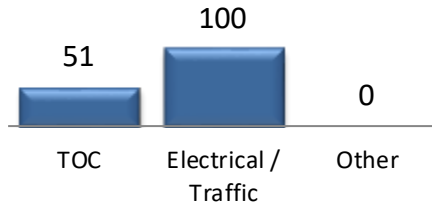
OPENED SERVICE REQUESTS

Service Request Source



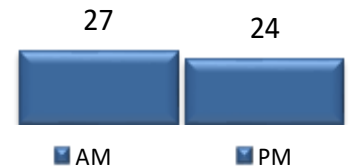
In the month of June, **151** incoming requests regarding traffic signals were received.

Service Request Opened by Dept.

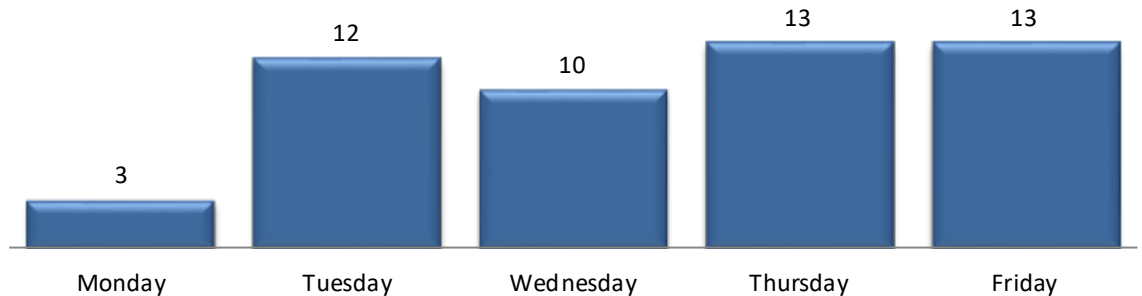


In the month of June, TOC engineers closed **53** service requests within an average of **5** business days.

TOC Service Requests Opened by Time of Day



TOC Service Request Opened Per Day of Week



TRAFFIC OPERATIONS

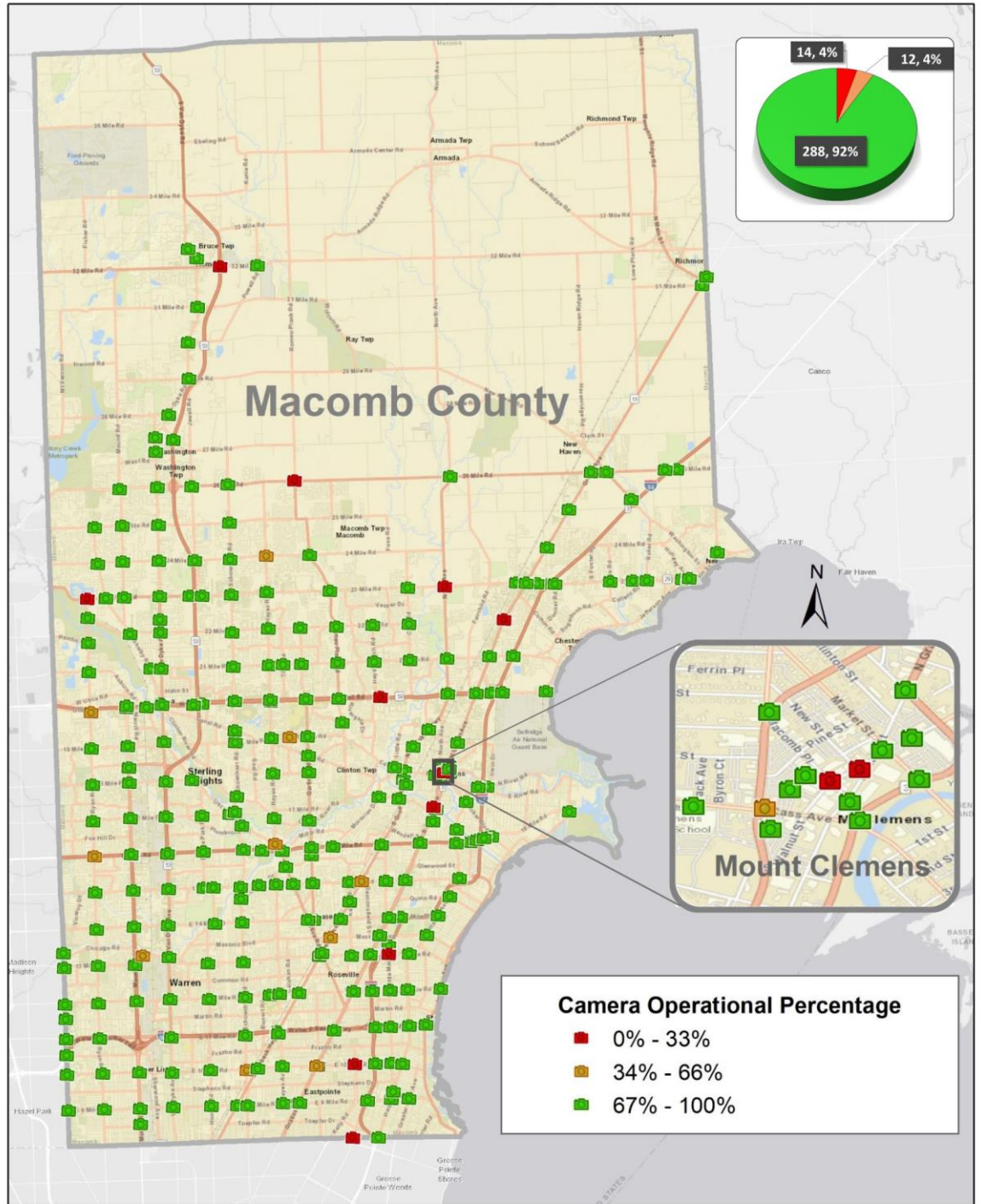
June 2023



CCTV TRAFFIC CAMERA SUMMARY

CAMERA COVERAGE

June 2023



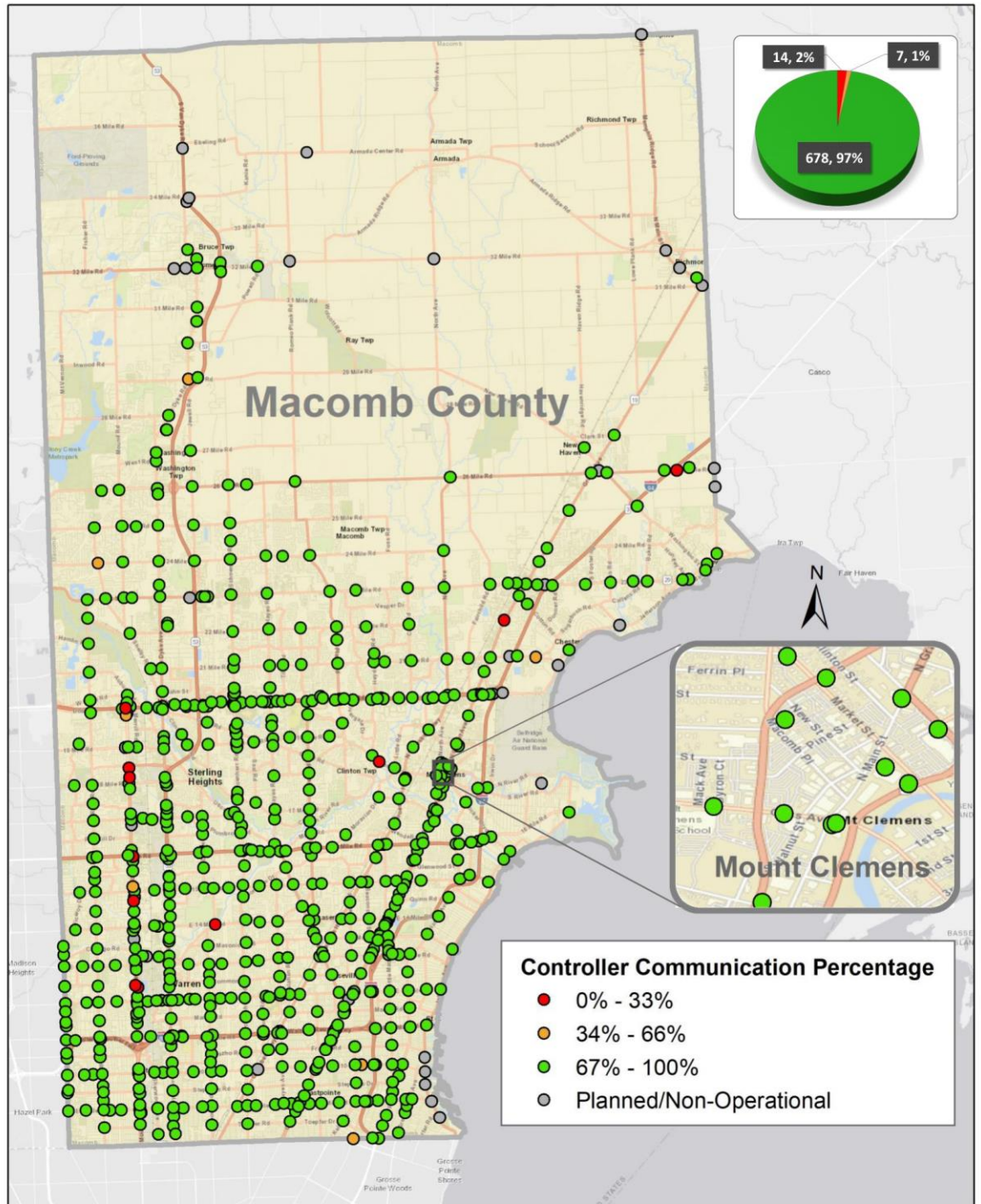
The map above represents the CCTV camera operational percentages for the month of June 2023.



REGIONAL COMMUNICATIONS SUMMARY

ITS MAINTENANCE

June 2023



The map above represents the communication availability percentages of Traffic Signal Controllers for the month of June 2023.



HIGH IMPACT CORRIDOR COMMUNICATIONS AVAILABILITY

Corridor	Current Month	Previous Month	Change
9 Mile	99%	99%	0%
14 Mile	98%	98%	0%
15 Mile	99%	97%	2%
Metro Parkway	99%	99%	0%
Hall Rd(M-59)	99%	99%	0%
Dequindre	99%	99%	0%
Ryan	99%	99%	0%
Mound	91%	91%	0%
Hoover	99%	95%	4%
Schoenherr	99%	98%	1%
Hayes	99%	98%	1%
Gratiot(M-3)	98%	98%	0%
Harper	98%	94%	4%

The table above represents a one-time monthly snapshot of communications along major corridors in Macomb County.

FIELD WORK

139 sites visited by the IT/ITS Maintenance Technicians. 6 sites visited by the combined efforts of the IT/ITS Maintenance and MCDR Electrical crews.

SIGNAL TIMING CHANGES

Traffic signal changes performed by TOC engineers

Time of Signal change	Location	Intersection	Reason for signal change
06/07/2023 8:40	Cass/Heydenreich	734	Incident (Crash)
06/09/2023 12:45	Hall Road (M-59)/Schoenherr	207	Incident (Crash)
06/09/2023 13:00	Garfield/Hall Road (M-59)	156	Incident (Crash)
06/09/2023 13:02	Garfield/19 Mile Road	524	Incident (Crash)
06/12/2023 11:15	Dodge Park/Metropolitan Parkway	83	Construction
06/12/2023 11:15	Metropolitan Parkway/Schoenherr	268	Construction
06/12/2023 14:10	Donner/M-29 (23 Mile Road)	999	Service Request
06/12/2023 17:57	Dodge Park/Metropolitan Parkway	83	Construction
06/12/2023 17:57	Metropolitan Parkway/Schoenherr	268	Construction
06/13/2023 14:30	Elizabeth/Groesbeck (M-97)	126	Incident (Crash)



SIGNAL TIMING CHANGES CONTINUED

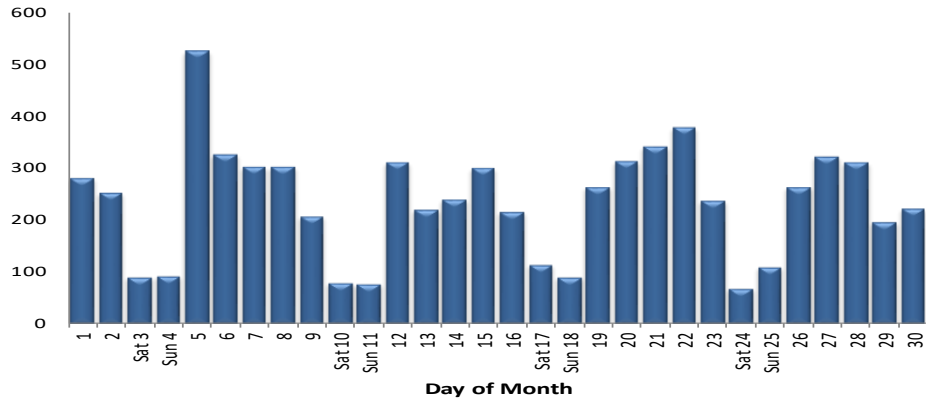
MAINTENANCE

June 2023

Time of Signal change	Location	Intersection	Reason for signal change
06/13/2023 15:56	15 Mile Road/Utica Road	138	Incident (Crash)
06/13/2023 16:19	Metropolitan Parkway/Schoenherr	268	Incident (Crash)
06/13/2023 16:23	Garfield/Hall Road (M-59)	156	Incident (Crash)
06/15/2023 8:13	Hall Road (M-59)/Van Dyke	212	Incident (Crash)
06/15/2023 16:24	Garfield/Metropolitan Parkway	157	Incident (Crash)
06/16/2023 10:23	Schoenherr/Utica Road	108	Incident (Crash)
06/16/2023 15:57	Schoenherr/23 Mile Road	608	Incident (Crash)
06/16/2023 16:45	Gratiot (M-3)/21 Mile Road	185	Incident (Crash)
06/19/2023 14:42	Hall Road (M-59)/Schoenherr	207	Incident (Crash)
06/19/2023 15:38	Metropolitan Parkway/Ryan	299	Incident (Crash)
06/20/2023 9:00	23 Mile and Romeo Plank	517	Service Request
06/20/2023 11:55	I-696 S Service Drive/Van Dyke	125	Incident (Crash)
06/20/2023 14:33	24 Mile Road/Van Dyke	323	Incident (Crash)
06/20/2023 16:49	23 Mile and Birch Drive	1092	Service Request
06/20/2023 17:00	Metropolitan Parkway EB/Crossover 340' W of Schoenherr	638	Construction
06/20/2023 17:17	Metropolitan Parkway WB/Crossover 340' E of Schoenherr	639	Construction
06/21/2023 7:45	Metropolitan Parkway/Utica Road	269	Incident (Crash)
06/21/2023 8:24	Romeo Plank/23 Mile Road	517	Incident (Crash)
06/21/2023 15:39	Metropolitan Parkway EB/Crossover 500' W of Dodge Park	636	Construction
06/21/2023 16:27	Moravian/Schoenherr	38	Incident (Crash)
06/22/2023 9:31	Mound NB/Crossover 600' S of 12 Mile Road	457	Incident (Crash)
06/22/2023 15:17	Gratiot (M-3)/Metropolitan Parkway	172	Incident (Crash)
06/22/2023 15:53	Metropolitan Parkway WB/Crossover 500' E of Dodge Park	637	Construction
06/23/2023 13:15	Schoenherr SB/17 Mile Road	841	Incident (Crash)
06/23/2023 13:00	I-94 Northbound/Nine Mile Road	355	Congestion
06/23/2023 13:00	I-94 Southbound/Nine Mile Road	359	Congestion
06/23/2023 16:33	Garfield/Hall Road (M-59)	156	Incident (Crash)
06/23/2023 16:43	Green (M-29)/Washington	192	Special Event
06/26/2023 16:56	18 Mile Road/Ryan	381	Incident (Crash)
06/26/2023 17:02	Moravian/Utica Road	270	Incident (Crash)
06/27/2023 12:10	Metropolitan Parkway/Schoenherr	268	Incident (Crash)
06/28/2023 7:37	Metropolitan Parkway/Mound	277	Incident (Crash)
06/28/2023 10:40	Hall Road (M-59)/Hayes	467	Incident (Crash)
06/29/2023 12:09	Hall Road EB (M-59)/Crossover West of Schoenherr	766	Incident (Crash)
06/29/2023 12:53	Chippendale (Raven)/10 Mile Road	81	Service Request
06/29/2023 15:05	Chicago Road/Ryan	79	Service Request
06/29/2023 16:42	Hayes/Lakeside Boulevard	910	Incident (Crash)
06/30/2023 11:14	15 Mile Road/Mound	42	Incident (Crash)
06/30/2023 11:27	15 Mile Road/Ryan	137	Incident (Congestion)
06/30/2023 15:57	Hayes/23 Mile Road	653	Incident (Crash)
06/30/2023 17:00	18 Mile Road/Mound	377	Incident (Crash)

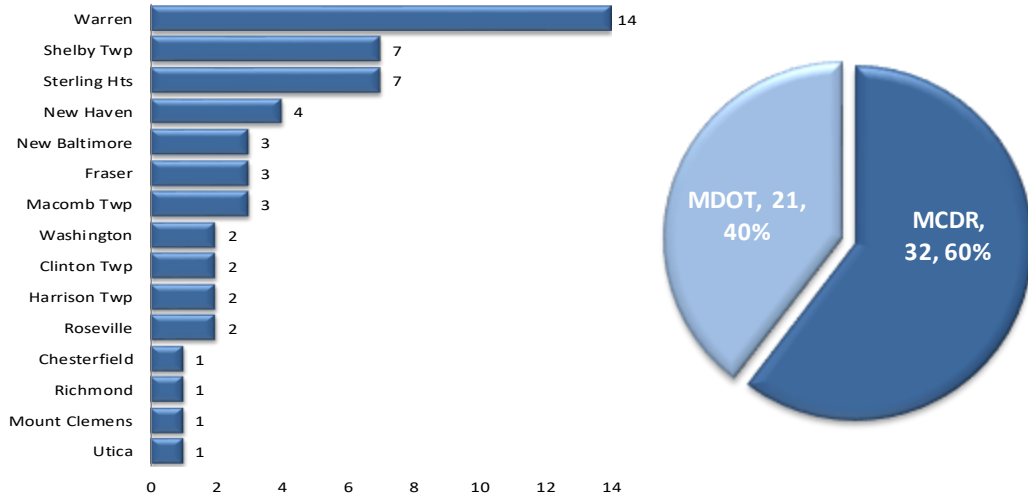


MCDR WEBSITE HITS



A total of **7,006** hits were accrued at <http://roads.macombgov.org/>.

CLOSED SERVICE REQUESTS PER MUNICIPALITY

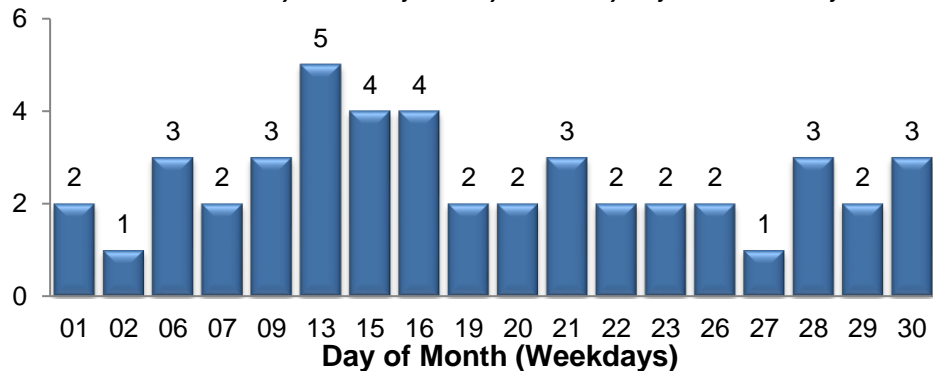


The chart to the left shows how many requests were closed per traffic signal location within each municipality. The chart to the right shows breakdown of the requests closed under MDOT or MCDR / local municipality jurisdiction.

GOVDELIVERY NOTIFICATIONS

In the month of June, the TOC sent out **46** GovDelivery notifications. The number of recipients receiving GovDelivery notifications increased from **4,716** to **4,789** this month.

Note: The chart below only shows data for the days GovDelivery notifications were sent from the TOC.



GovDelivery is a tool to notify Macomb County motorists of any incident blocking at least one lane of traffic or causing traffic issues. The notifications are sent after an incident has been verified.

[Sign up for incident notifications on weekdays from 6 a.m. to 6 p.m. causing lane or roadway closures on major Macomb County arterials.](#)

MOTORIST EXPERIENCE

June 2023

