

# 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



**April 2023**

**AECOM**

**WSP**

**INTEGRAL  
BLUE**



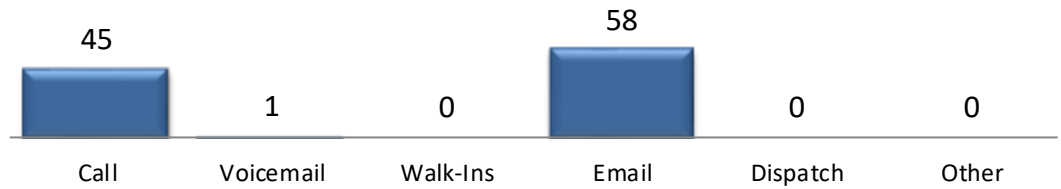
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# MONTHLY TOC HIGHLIGHT

On Wednesday, April 19<sup>th</sup>, members of the Macomb County Department of Roads (MCDR) Traffic Operations Center (TOC) staff donned orange shirts in support of "Go Orange Day" – just one of several days that comprise National Work Zone Awareness Week. The annual spring campaign strives to encourage safe driving through work zones to kick off the construction season. Additionally, MCDR is testing new CCTV technology to further enhance roadway safety.

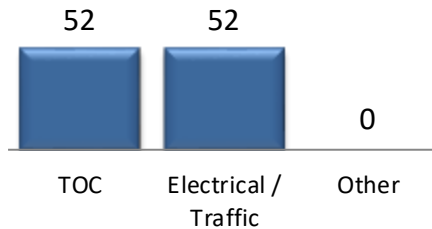
## OPENED SERVICE REQUESTS

### Service Request Source



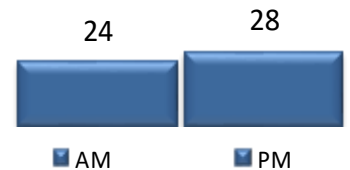
In the month of April, **104** incoming requests regarding traffic signals were received.

### Service Request by Dept.

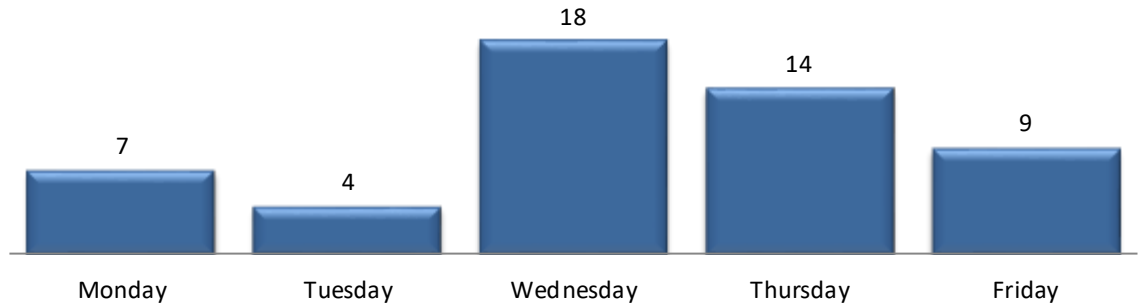


In the month of April, TOC engineers closed **43** service requests within an average of **7** business days.

### TOC Service Requests Opened by Time of Day



### TOC Service Request Opened Per Day of Week



TRAFFIC OPERATIONS

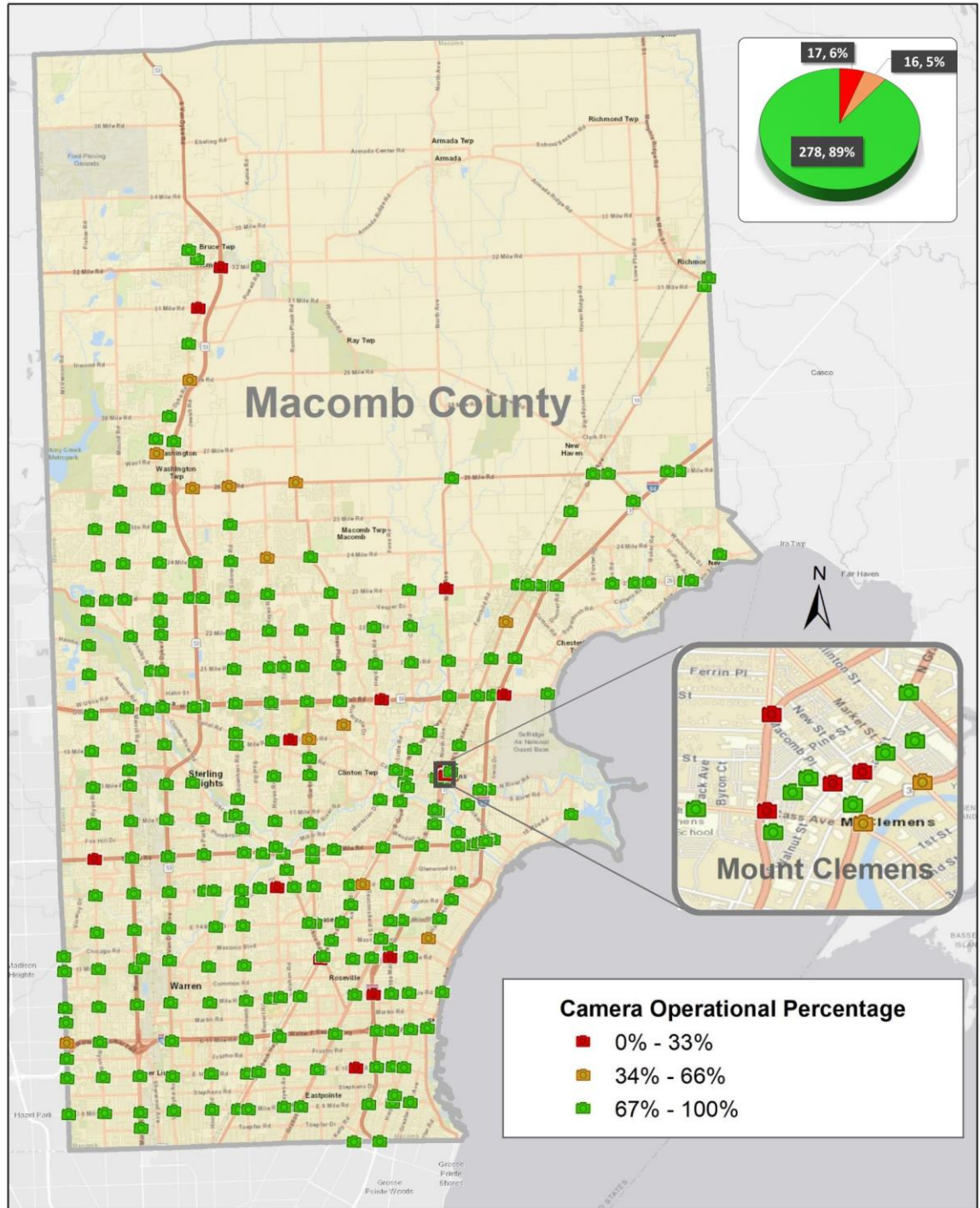
April 2023



# CCTV TRAFFIC CAMERA SUMMARY

## CAMERA COVERAGE

April 2023



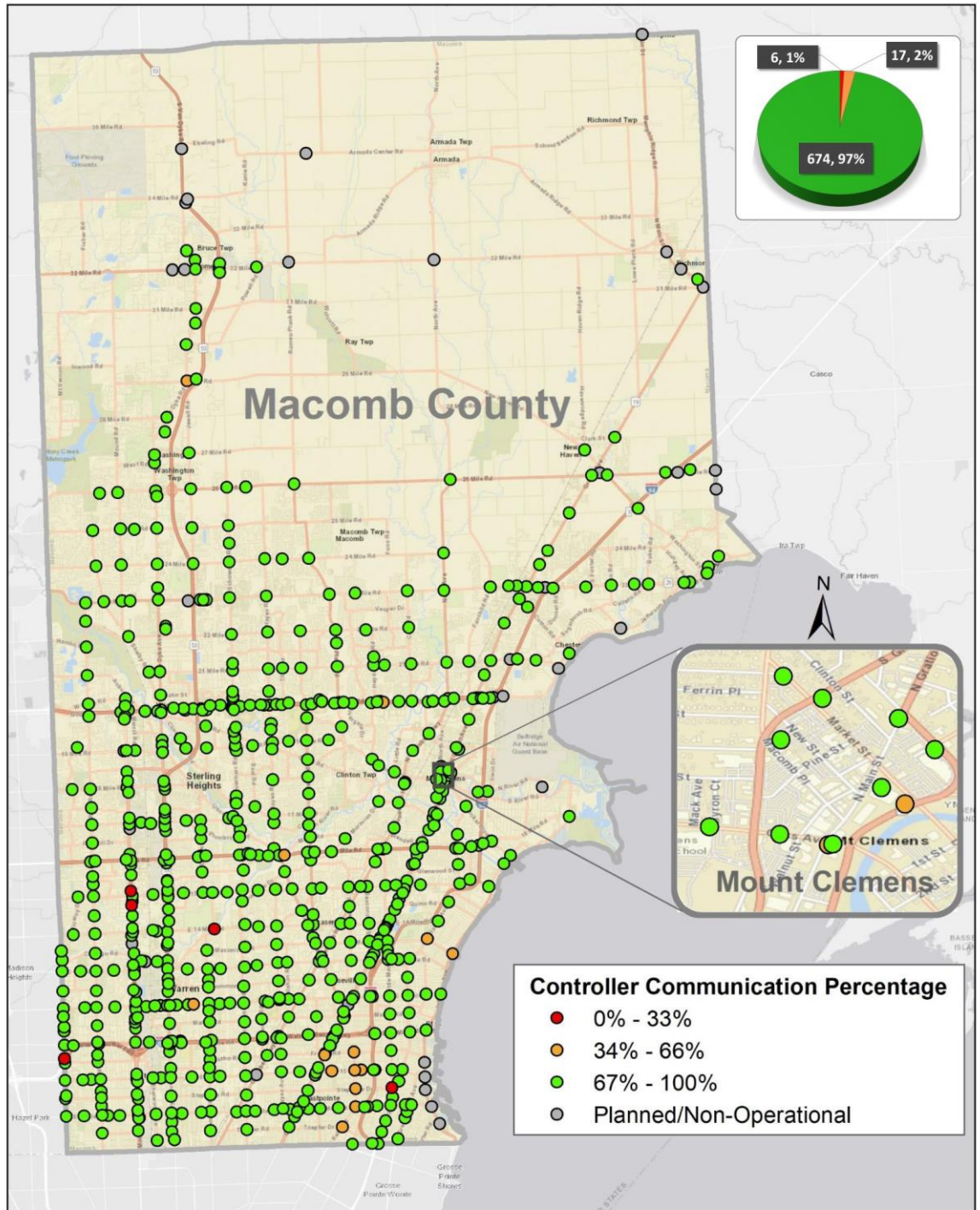
The map above represents the CCTV camera operational percentages for the month of April 2023.



# REGIONAL COMMUNICATIONS SUMMARY

## ITS MAINTENANCE

April 2023



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



# HIGH IMPACT CORRIDOR COMMUNICATIONS AVAILABILITY

Corridor	Current Month	Previous Month	Change
9 Mile	98%	97%	1%
14 Mile	99%	99%	0%
15 Mile	99%	99%	0%
Metro Parkway	100%	99%	1%
Hall Rd(M-59)	99%	99%	0%
Dequindre	99%	98%	1%
Ryan	99%	98%	1%
Mound	94%	96%	-2%
Hoover	99%	100%	-1%
Schoenherr	99%	99%	0%
Hayes	99%	99%	0%
Gratiot(M-3)	97%	97%	0%
Harper	97%	95%	2%

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

## FIELD WORK

*103 sites visited by the IT/ITS Maintenance Technicians. 19 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
04/07/2023 12:56	Gratiot (M-3)/Metropolitan Parkway	172	Construction
04/07/2023 12:56	Gratiot SB (M-3)/Wendell	459	Construction
04/07/2023 12:56	Gratiot NB (M-3)/Schaefer	413	Construction
04/07/2023 12:56	Metropolitan Parkway EB/Crossover 475' W of Gratiot	647	Construction
04/07/2023 12:56	Metropolitan Parkway WB/Crossover 550' E of Gratiot	648	Construction
04/07/2023 18:18	Dequindre/Parkview	9	Traffic Study
04/07/2023 18:18	Dequindre/Universal Mall	380	Traffic Study
04/07/2023 18:18	Milton/12 Mile Road	560	Traffic Study
04/07/2023 18:18	Dequindre/13 Mile Road	105	Traffic Study
04/07/2023 18:18	Dequindre/12 Mile Road	106	Traffic Study



# SIGNAL TIMING CHANGES CONTINUED

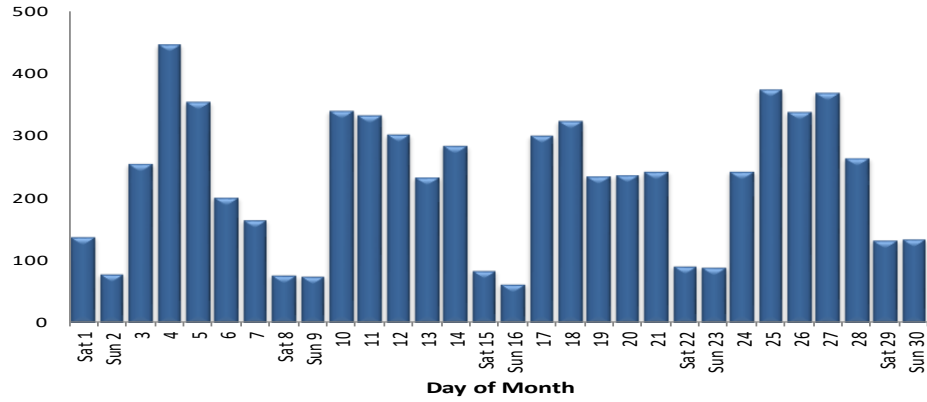
**MAINTENANCE**

April 2023

Time of Signal change	Location	Intersection	Reason for signal change
04/07/2023 18:18	Dequindre/11 Mile	96	Traffic Study
04/11/2023 11:30	15 Mile Road/Mound	42	Construction
04/11/2023 16:01	Mound NB/Crossover 370' S. of 14 Mile Rd	34	Incident (Congestion)
04/11/2023 16:01	14 Mile Road/Mound	35	Incident (Congestion)
04/12/2023 11:00	14 Mile Road/Ryan	144	Incident (Crash)
04/12/2023 12:14	Cass/Groesbeck (M-97)	72	Congestion
04/12/2023 16:05	Cass/Groesbeck (M-97)	72	Congestion
04/14/2023 9:14	10 Mile Road/Van Dyke	313	Incident (Congestion)
04/18/2023 10:40	Mound NB/Crossover 850' S. of 15 Mile Rd	41	Construction
04/18/2023 10:41	15 Mile Road/Mound	42	Construction
04/18/2023 18:05	Pauline/12 Mile Road	294	Construction
04/18/2023 18:08	12 Mile Road/Crossover 439' W. of Van Dyke	450	Construction
04/18/2023 18:08	12 Mile Road/Van Dyke	322	Construction
04/18/2023 18:08	12 Mile Road/Crossover 364' E. of Van Dyke	451	Construction
04/18/2023 18:08	Martin/Van Dyke	265	Construction
04/18/2023 18:08	Van Dyke/Warren City Hall	326	Construction
04/18/2023 18:08	Van Dyke @ GM Gate 10	1069	Construction
04/18/2023 18:08	Kennedy Circle/Van Dyke	330	Construction
04/18/2023 18:08	13 Mile Road/Van Dyke	316	Construction
04/18/2023 18:08	Chicago Road/Van Dyke	80	Construction
04/18/2023 18:08	Jenny (Convention Boulevard)/Van Dyke	631	Construction
04/18/2023 18:08	Ryan/Chatterton JHS	32	Construction
04/18/2023 18:08	14 Mile Road/Van Dyke	147	Construction
04/18/2023 18:08	Denwood (Sterling Ponds)/Van Dyke	800	Construction
04/18/2023 18:08	Van Dyke/TRW Plant	367	Construction
04/19/2023 8:30	Metropolitan Parkway WB/Crossover 430' E of Utica Road	641	Incident (Crash)
04/19/2023 17:55	Van Dyke Avenue/N. Central Park	1077	Traffic Study
04/20/2023 16:48	Ryan/12 Mile Road	303	Service Request
04/21/2023 9:54	18 Mile Road/Utica Road	507	Incident (Crash)
04/21/2023 12:43	Morgan/13 Mile Road	924	Traffic Study
04/21/2023 13:45	Harper/Nine Mile Road	219	Incident (Congestion)
04/24/2023 8:45	Ryan/Stephens	526	Construction
04/24/2023 11:24	24 Mile Road/Van Dyke	323	Traffic Study
04/24/2023 12:08	I-696 Service Drive (Westbound/North Side) E of Hoover	442	Service Request
04/24/2023 12:08	I-696 S Service Drive/500' W of Hoover	443	Service Request
04/25/2023 10:26	Cass/Main	71	Service Request
04/25/2023 11:30	Corporate Drive/Shelby Parkway/23 Mile Road	875	Service Request
04/25/2023 16:22	Shelby Road/23 Mile Road	351	Service Request
04/25/2023 17:35	17 Mile Road/Utica Road	751	Incident (Crash)
04/26/2023 12:03	Garfield/19 Mile Road	524	Incident (Crash)
04/26/2023 14:16	Dove St./Macomb College Drive/Garfield	1001	Incident (Crash)
04/26/2023 17:45	New Haven Road (M-19)/26 Mile Road	720	Congestion
04/26/2023 17:50	Gratiot (M-19)/Main (M-19)	170	Service Request
04/27/2023 13:00	Church/Groesbeck (M-97)	884	Incident (Crash)
04/28/2023 15:57	Romeo Plank/26 Mile Road	518	Traffic Study
04/28/2023 15:57	Schoenherr/26 Mile Road	947	Traffic Study
04/28/2023 15:57	Jewell Road/26 Mile Road	816	Traffic Study
04/28/2023 15:57	26 Mile Road/Van Dyke	328	Traffic Study
04/28/2023 15:57	Mound/26 Mile Road	750	Traffic Study

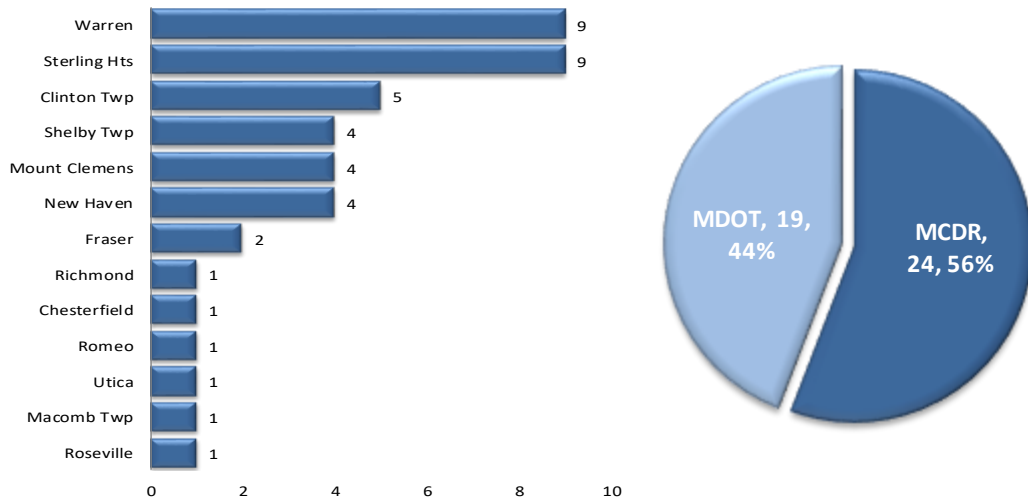


# MCDR WEBSITE HITS



A total of **6,780** hits were accrued at <http://roads.macombgov.org/>.

## CLOSED SERVICE REQUESTS PER MUNICIPALITY

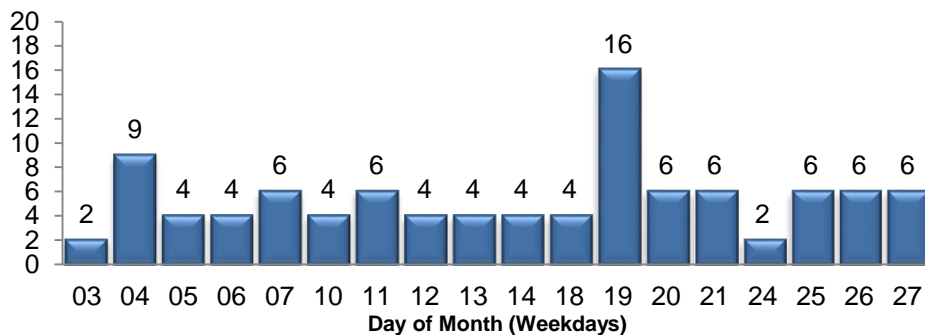


The chart to the left shows how many requests were closed per traffic signal location within each municipality. The chart to the right shows breakdown of the requests closed under MDOT or MCDR / local municipality jurisdiction.

## GOVDELIVERY NOTIFICATIONS

In the month of April, the TOC sent out **99** GovDelivery notifications. The number of recipients receiving GovDelivery notifications increased from **4,589** to **4,647** 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

April 2023

