

# 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



### August 2021

**AECOM**

**WSP**

**INTEGRAL  
BLUE**



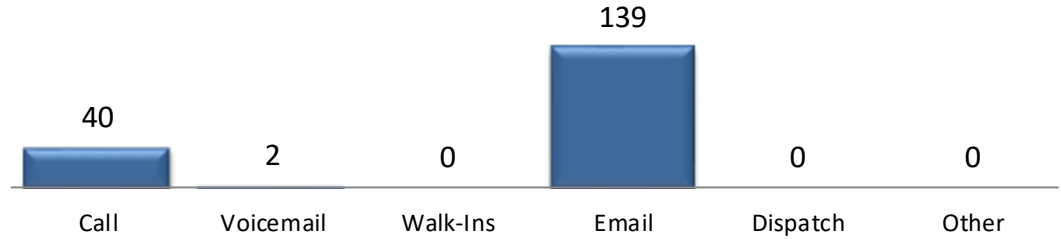
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# MONTHLY TOC HIGHLIGHT

On Monday, August 30th, the Traffic Operations Center (TOC) assisted the Macomb County Sheriff with a vehicle pursuit involving a homicide suspect, by coordinating real-time CCTV coverage of the chase that began in Mt. Clemens and ended in Warren. The CCTV coverage allowed Macomb County Dispatch to relay traffic conditions to responding officers, ultimately leading to the apprehension of the suspect. Following the pursuit, southbound M-97 (Groesbeck Highway) was closed at 9 Mile Road to conduct an investigation, and the TOC deployed signal timing changes to alleviate congestion in the area.

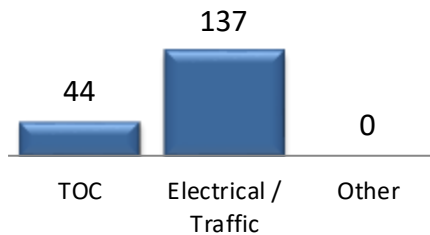
## SERVICE REQUESTS

### Service Request Source



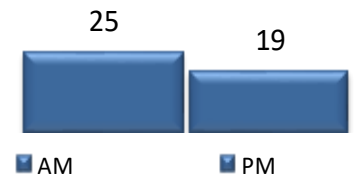
In the month of August, **181** incoming requests regarding traffic signals were received.

### Service Request by Dept.

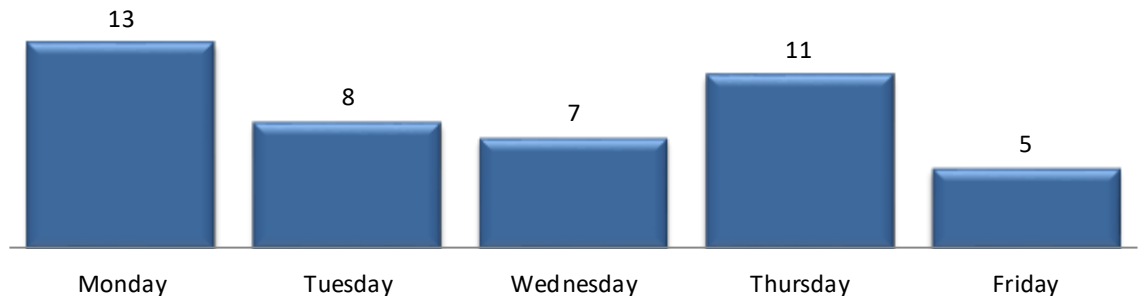


In the month of August, TOC engineers closed **38** service requests within an average of **5** business days.

### TOC by Time of Day



### Service Request Per Day of Week



TRAFFIC OPERATIONS

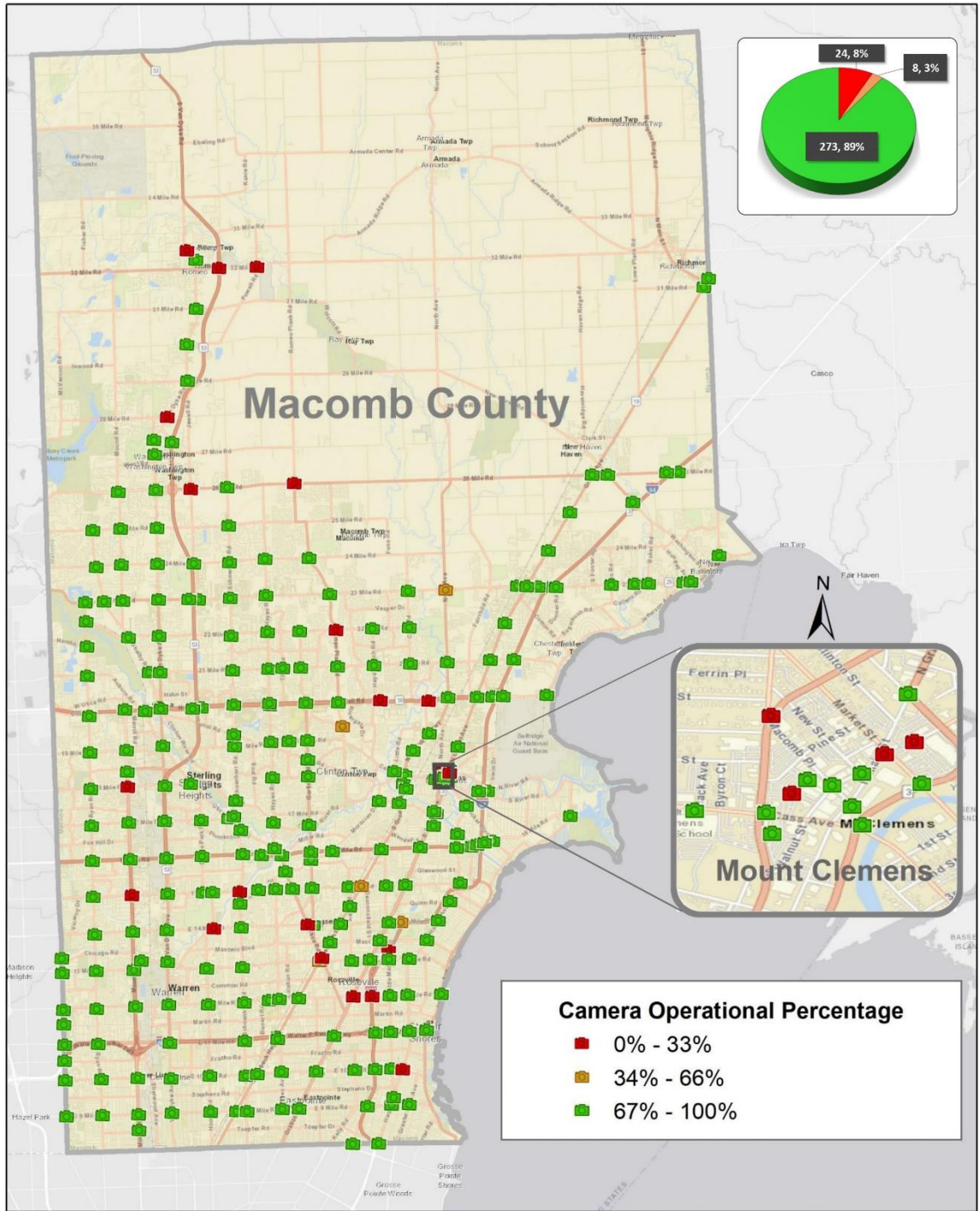
August 2021



# CCTV TRAFFIC CAMERA SUMMARY

## CAMERA COVERAGE

August 2021



The map above represents the CCTV camera operational percentages for the month of August 2021.

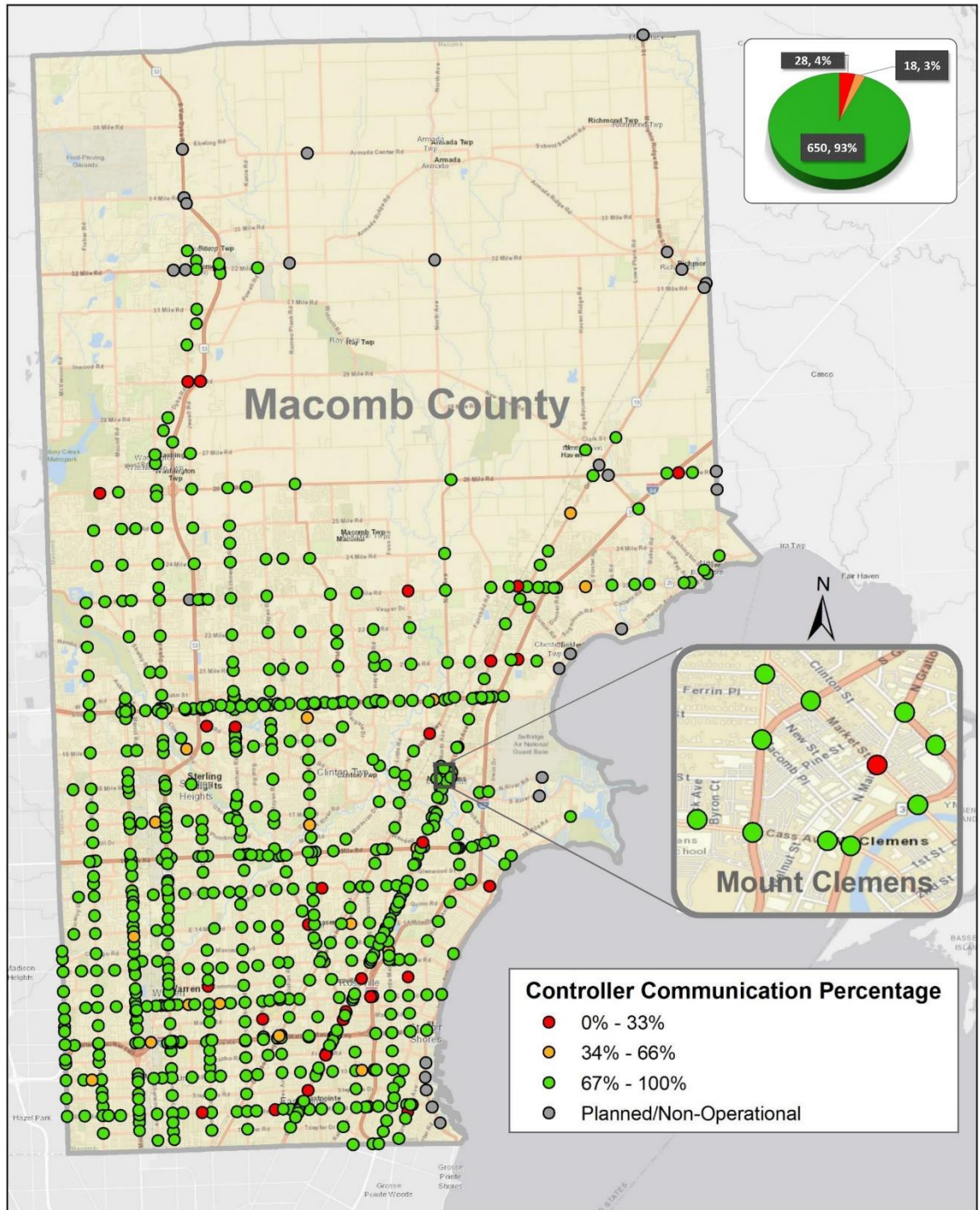




# REGIONAL COMMUNICATIONS SUMMARY

## ITS MAINTENANCE

August 2021



The map above represents the communication availability percentages of Traffic Signal Controllers for the month of August 2021.



# HIGH IMPACT CORRIDOR COMMUNICATIONS AVAILABILITY

Corridor	Current Month	Previous Month	Change
9 Mile	95%	95%	0%
14 Mile	99%	98%	1%
15 Mile	88%	97%	-9%
Metro Parkway	97%	99%	-2%
Hall (M-59)	99%	97%	2%
Dequindre	91%	91%	0%
Ryan	96%	93%	3%
Mound	94%	94%	0%
Hoover	99%	99%	0%
Schoenherr	97%	98%	-1%
Hayes	98%	97%	1%
Gratiot (M-3)	95%	95%	0%
Harper	92%	93%	-1%

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

## FIELD WORK

*131 sites visited by TOC staff and 12 sites visited by IT/ITS maintenance technicians and the MCDR Electrical Group in August 2021.*

## SIGNAL TIMING CHANGES

*Traffic signal changes performed by TOC engineers*

Time of Signal change	Loc #	Intersection	Reason for signal change
08/02/2021 12:12	Hall Road EB (M-59)/Crossover West of Groesbeck	808	Construction
08/02/2021 12:12	Hall Road WB (M-59)/Crossover East of Heydenreich	803	Construction
08/02/2021 12:13	Hall Road (M-59)/Rivergate	613	Construction
08/02/2021 12:27	Hall Road WB (M-59)/Crossover East of Romeo Plank	763	Construction
08/02/2021 12:28	14 Mile Road/Mound	35	Incident
08/02/2021 12:28	14 Mile Road/Mound	35	Incident
08/03/2021 13:25	Hayes/23 Mile Road	653	Construction
08/03/2021 13:25	Cotton/Jefferson	821	Service Request
08/06/2021 14:52	Hall Road (M-59)/Van Dyke	212	Construction
08/06/2021 14:52	Hall Road WB (M-59)/Crossover East of Van Dyke	777	Construction

**MAINTENANCE**

August 2021



# SIGNAL TIMING CHANGES

## CONTINUED

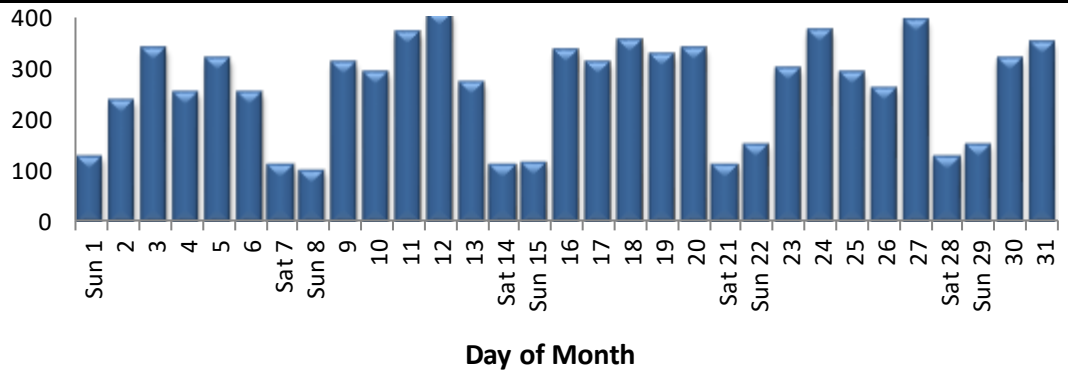
**MAINTENANCE**

August 2021

Time of Signal change	Loc #	Intersection	Reason for signal change
08/06/2021 14:52	Hall Road EB (M-59)/Crossover West of Van Dyke	776	Construction
08/06/2021 16:47	Hayes/24 Mile Road	511	Congestion
08/10/2021 23:26	Dequindre/Madison Solberg Towers	154	Service Request
08/11/2021 13:13	Dequindre/Madison Solberg Towers	154	Service Request
08/17/2021 7:37	Romeo Plank/21 Mile Road	466	Congestion
08/18/2021 17:03	Mound SB/Crossover 800' N. Metro Parkway	723	Construction
08/18/2021 17:03	Metropolitan Parkway/Mound	277	Construction
08/18/2021 17:03	Mound NB/Crossover 800' S. Metro Parkway	722	Construction
08/18/2021 17:05	Hall Road WB (M-59)/Crossover East of Elizabeth	807	Construction
08/23/2021 16:10	Metropolitan Parkway EB/Crossover 340' W of Schoenherr	638	Incident
08/24/2021 16:22	Harper/Wellington Crescent	433	Construction
08/24/2021 16:22	Cass (Crocker)/Gratiot NB (M-3)	63	Incident
08/24/2021 16:22	Broadway (M-3/NB Gratiot)/Market	65	Incident
08/24/2021 16:23	I-94 Ramp B/Metropolitan Parkway EB	597	Incident
08/24/2021 16:23	Crocker/Metropolitan Parkway	92	Incident
08/25/2021 15:18	Harper/Nine Mile Road	219	Incident
08/25/2021 15:18	Harper/Little Mack	214	Incident
08/25/2021 15:28	Nine Mile Road/Van Dyke	289	Construction
08/25/2021 15:28	Hoover/Nine Mile Road	230	Construction
08/25/2021 15:28	Marmon/Nine Mile Road	262	Construction
08/27/2021 15:00	Hayes/Utica Road	504	Incident
08/27/2021 15:02	Gratiot (M-3)/I-696 Service Drive (Westbound/North Side)	431	Construction
08/27/2021 15:58	Green (M-29)/Washington	192	Service Request
08/30/2021 12:04	Hall Road (M-59)/Van Dyke	212	Service Request
08/31/2021 7:20	Metropolitan Parkway/Schoenherr	268	Construction
08/31/2021 7:20	Metropolitan Parkway EB/Crossover 340' W of Schoenherr	638	Construction
08/31/2021 7:20	Metropolitan Parkway WB/Crossover 340' E of Schoenherr	639	Construction
08/31/2021 8:09	Metropolitan Parkway EB/1200' W. of Freedom Hill Cty Park	907	Construction
08/31/2021 17:25	Carriage Way/Gratiot	874	Service Request

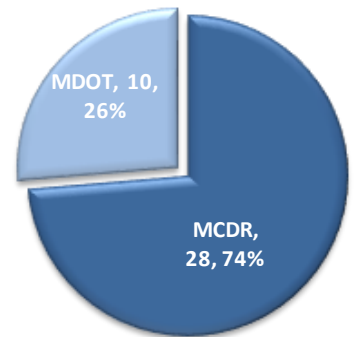
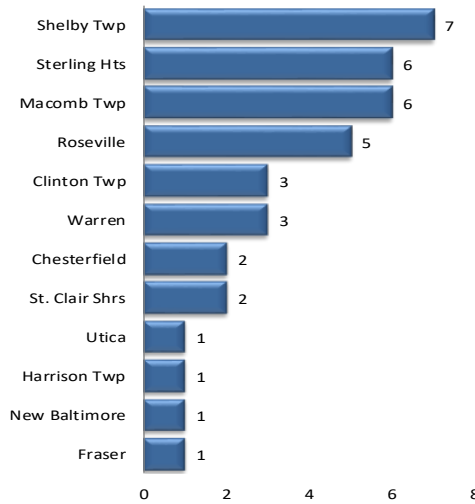


## MCDR WEBSITE HITS



A total of **8,133** hits were accrued at <http://roads.macombgov.org/>.

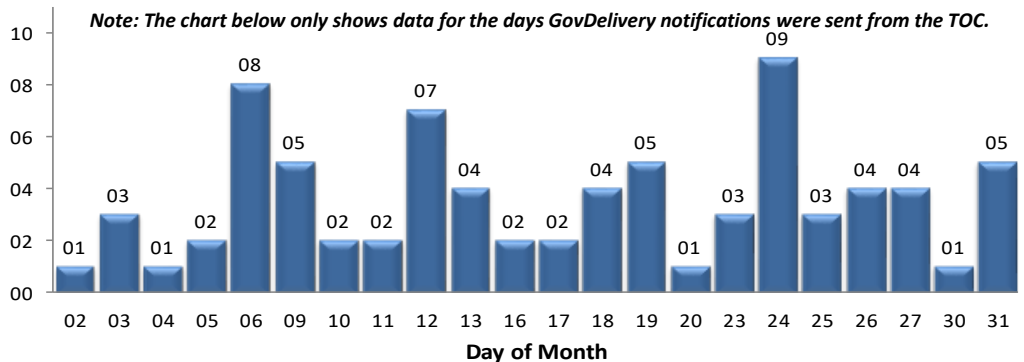
## SERVICE REQUESTS PER MUNICIPALITY



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

## GOVDELIVERY NOTIFICATIONS

In the month of August, the TOC sent out **78** GovDelivery notifications, and increased the number of recipients from **2,716** to **2,766** receiving notifications.



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.](#)

