

# 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



## September 2020

**AECOM**

**WSP**

**INTEGRAL  
BLUE**



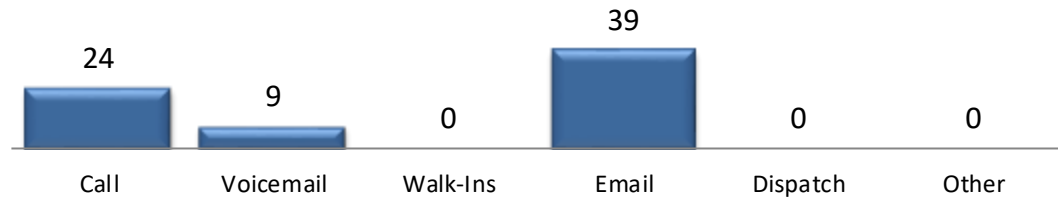
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# MONTHLY TOC HIGHLIGHT

During the month of September, TOC Control Room technicians advised TOC engineers about the dynamic nature of school openings resulting from the ongoing COVID-19 pandemic. The engineers liaised with MCDR and school officials, performed traffic reviews, and deployed signal timing updates to reduce school related congestion. These efforts were aided by enhancements to traffic system communications network that were performed by TOC and MCDR staff.

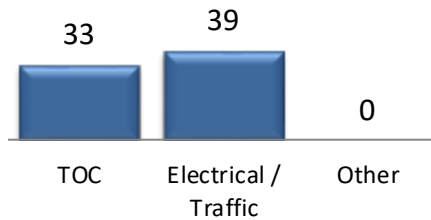
## SERVICE REQUESTS

### Service Request Source



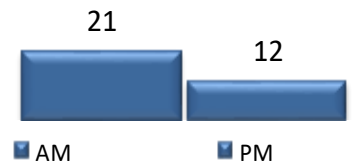
In the month of September, 72 incoming requests regarding traffic signals were received.

### Service Request by Dept.

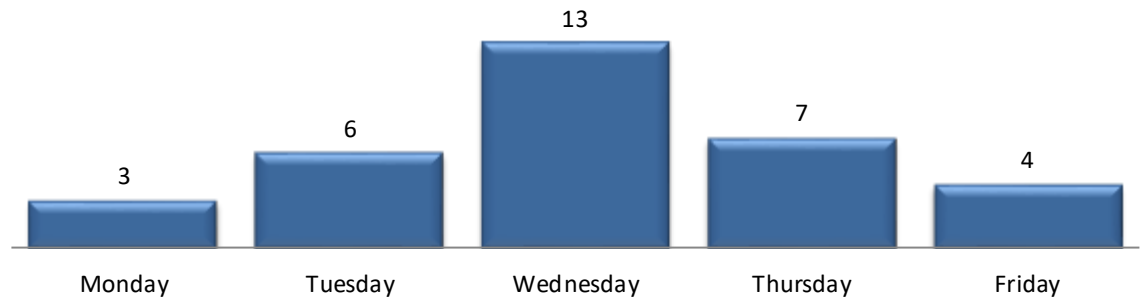


In the month of September, TOC engineers closed 31 service requests within an average of 5 business days.

### TOC by Time of Day



### Service Request Per Day of Week



TRAFFIC OPERATIONS

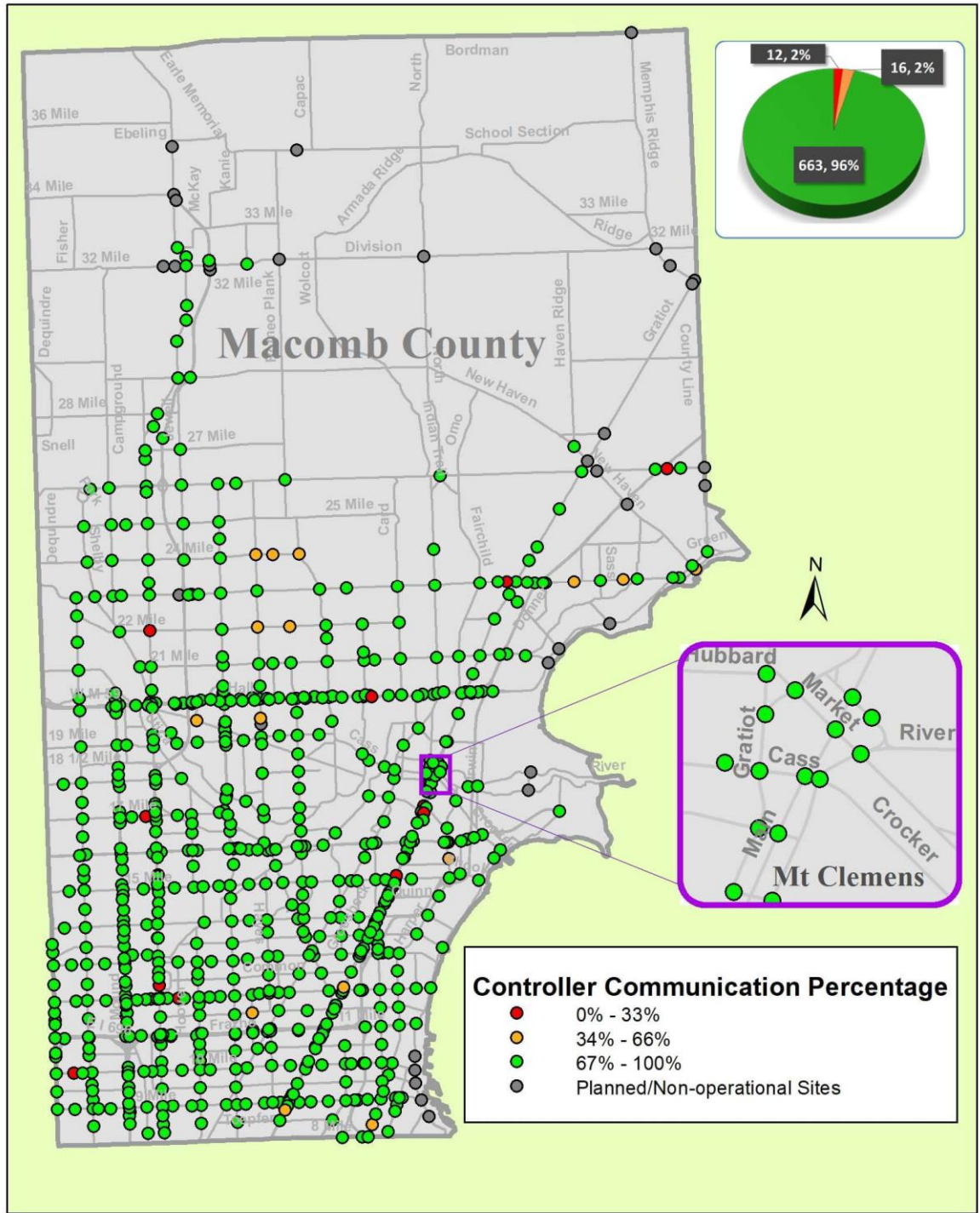
September 2020



# REGIONAL COMMUNICATIONS SUMMARY

## ITS MAINTENANCE

September 2020



The map above represents the communication availability percentages of Traffic Signal Controllers for the month of September 2020.



# HIGH IMPACT CORRIDOR COMMUNICATIONS AVAILABILITY

Corridor	Current Month	Previous Month	Change
9 Mile	100%	96%	4%
14 Mile	93%	100%	-7%
15 Mile	100%	100%	0%
Metro Parkway	100%	100%	0%
Hall (M-59)	100%	87%	13%
Dequindre	100%	100%	0%
Ryan	100%	100%	0%
Mound	100%	100%	0%
Hoover	100%	100%	0%
Schoenherr	100%	100%	0%
Hayes	100%	76%	24%
Gratiot (M-3)	98%	94%	4%
Harper	100%	100%	0%

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

## FIELD WORK

*9 sites visited by IT/ITS maintenance technicians with the MCDR Electrical Group in September 2020.*



# TRAFFIC SIGNAL CONTROLLER CHANGES

## SIGNAL INFORMATION

September 2020

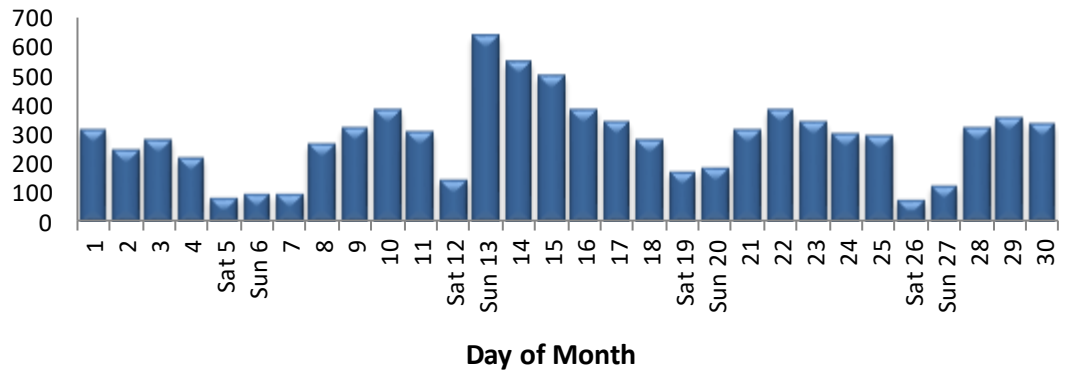
Time of signal change	Loc #	Intersection	Reason for signal change
9/4/20 2:22 PM	281	Mulvey/Utica Road	Service Request
9/11/20 2:30 PM	1075	29 Mile Road/Jewell	Service Request
9/11/20 2:39 PM	229	Hollister/Van Dyke	Service Request
9/11/20 2:39 PM	681	Chandler (Sisson)/32 Mile Road	Service Request
9/11/20 2:39 PM	96	Dequindre/11 Mile	Construction
9/15/20 2:09 PM	174	Gratiot (M-19)/New Haven Road	Service Request
9/16/20 4:13 PM	396	15 Mile Road/Schoenherr	Congestion
9/16/20 5:30 PM	720	New Haven Road (M-19)/26 Mile Road	Congestion
9/17/20 4:35 PM	53	Bart/Ryan	Service Request
9/17/20 4:36 PM	614	Garfield/Terra Bella	Traffic Study
9/17/20 4:37 PM	821	Cotton/Jefferson	Traffic Study
9/17/20 4:37 PM	822	Jefferson/Sugarbush	Traffic Study
9/18/20 11:32 AM	229	Hollister/Van Dyke	Service Request
9/18/20 11:33 AM	681	Chandler (Sisson)/32 Mile Road	Service Request
9/18/20 11:33 AM	1075	29 Mile Road/Jewell	Service Request
9/21/20 11:48 AM	517	Romeo Plank/23 Mile Road	Service Request
9/21/20 11:50 AM	874	Carriage Way/Gratiot	Traffic Study
9/21/20 3:32 PM	625	18 Mile Road/Hayes	Construction
9/21/20 5:10 PM	219	Harper/Nine Mile Road	Incident
9/22/20 5:41 PM	565	Gratiot (M-3)/24 Mile Road	Congestion
9/22/20 6:01 PM	503	Beaconsfield/E. 8 Mile Road	Construction
9/25/20 8:26 AM	115	Gratiot/I-696 S Service Drive	Construction
9/25/20 8:26 AM	431	Gratiot (M-3)/I-696 Service Drive (Westbound/North Side)	Construction
9/30/20 4:04 PM	779	Hall Road EB/WB (M-59)/M-53 SB Off Ramp	Service Request

*Traffic signal changes performed by TOC engineers.*



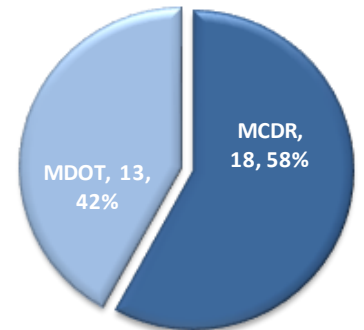
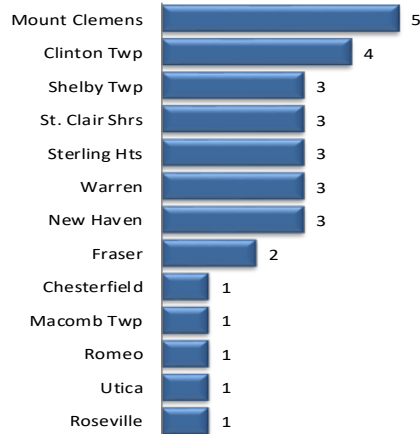


## MCDR WEBSITE HITS



A total of **8,619** hits were accrued at <http://roads.macombgov.org/>.

## SERVICE REQUESTS PER MUNICIPALITY



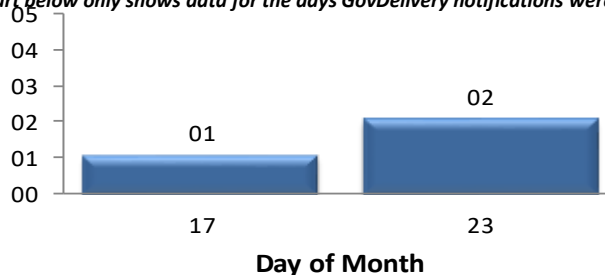
### Number of Service Requests

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 September, the TOC sent out **3** GovDelivery notifications, and increased the number of recipients from **2,102** to **2,129** receiving notifications.

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.

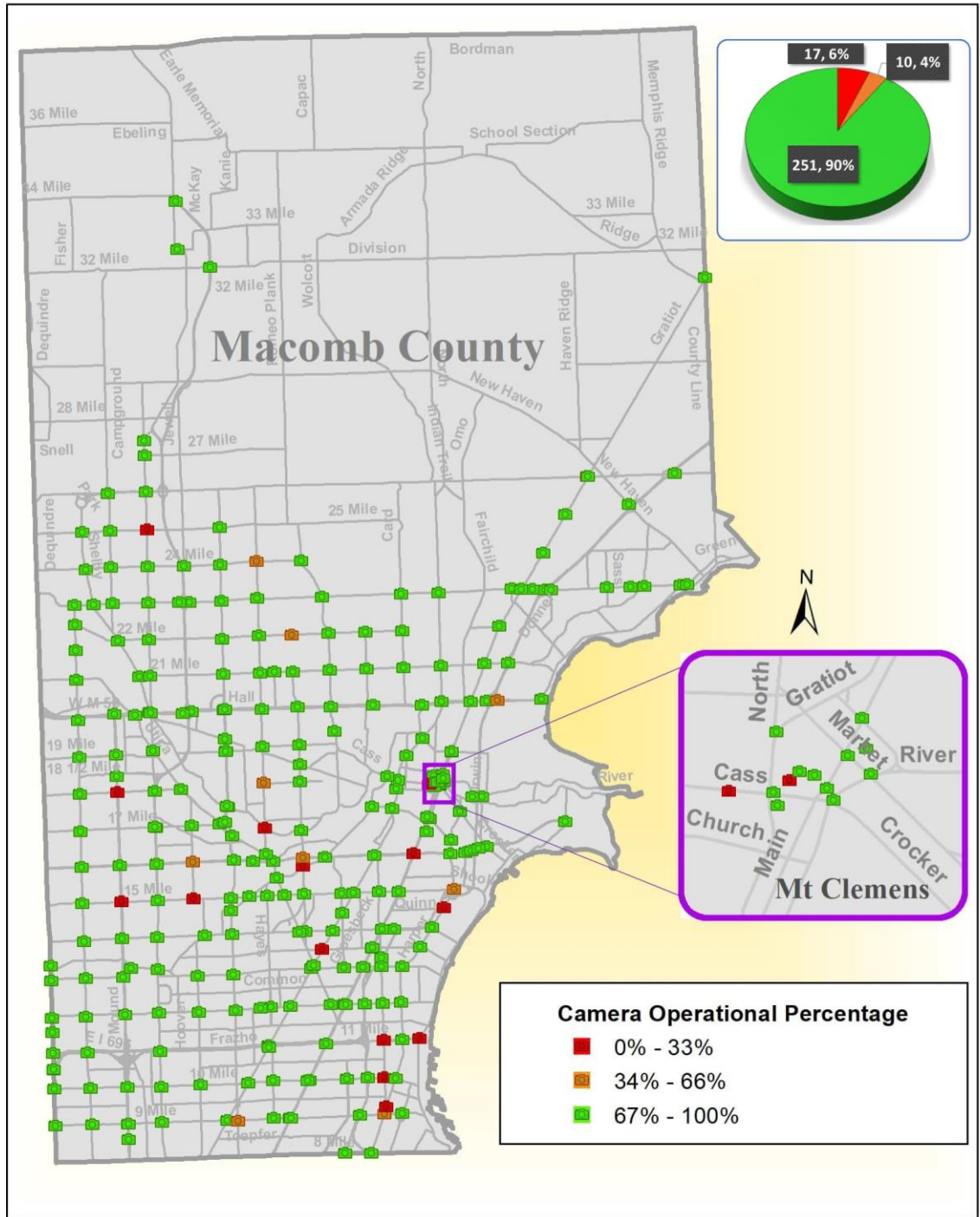
[Sign up for incident notifications on weekdays from 6 a.m. to 6 p.m. causing lane or roadway closures on major Macomb County arterials.](#)



# CCTV TRAFFIC CAMERA SUMMARY

## CAMERA COVERAGE

September 2020



The map above represents the CCTV camera operational percentages for the month of September 2020.

