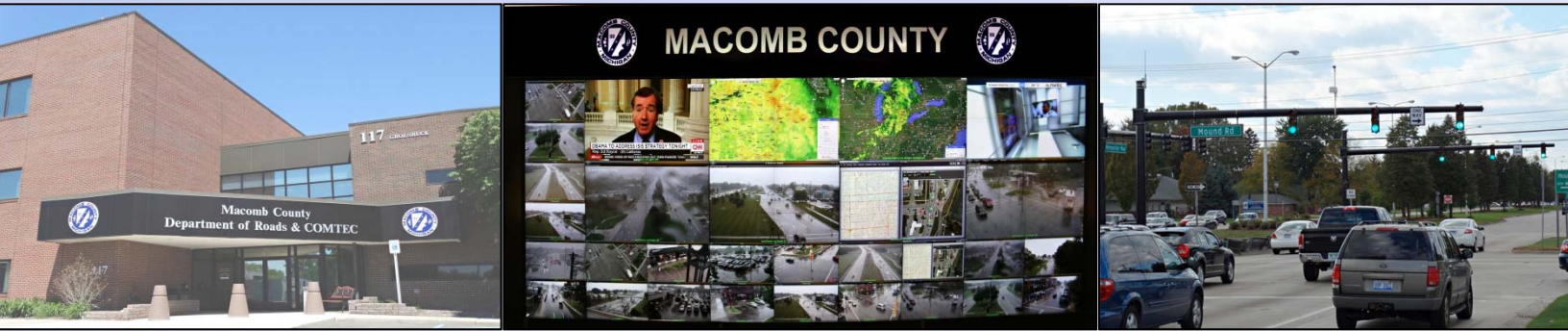


MACOMB COUNTY DEPARTMENT OF ROADS

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 2019

AECOM

WSP

**INTEGRAL
BLUE**



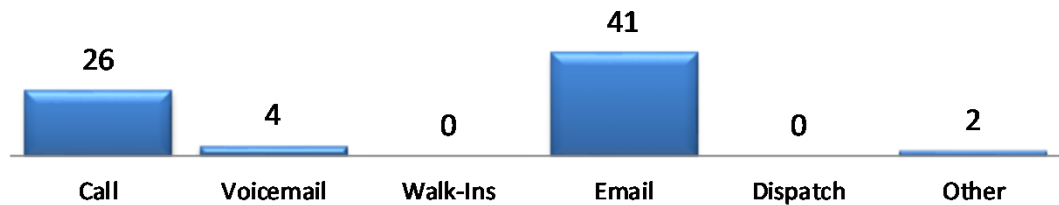
John Abraham, PhD, PE, PTOE
Director of Traffic & Operations
Macomb County Department of Roads
117 S Groesbeck Hwy
Mount Clemens, MI 48043
586-463-8671
JAbraham@RCMCWeb.org

MONTHLY TOC HIGHLIGHT

On August 8, 2019, the Macomb County Department of Roads (MCDR) Traffic Operations Center (TOC) made progress toward improving communications with stakeholders in the occurrence of unexpected events. The TOC worked closely with Macomb County IT, Macomb County Emergency Management, Sheriff Dispatch and L'Anse Creuse High School. The TOC incorporated the cameras from L'Anse Creuse High School into the video wall to monitor a mock emergency scenario at the school. The TOC was the hub for first responders to monitor and resolve the training exercise.

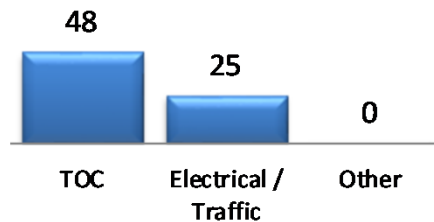
SERVICE REQUESTS

Service Request Source



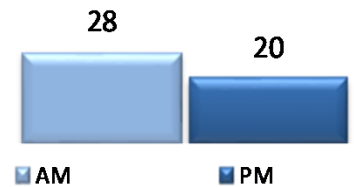
In the month of August, 50 incoming requests regarding traffic signals were received.

Service Request by Dept.

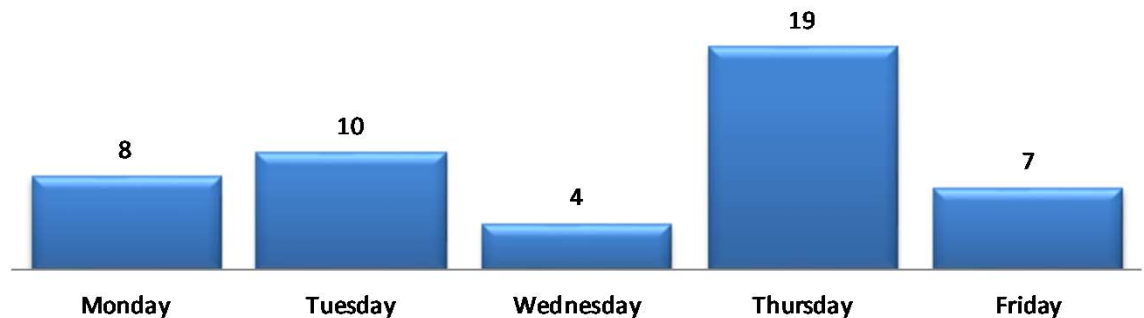


In the month of August, the TOC engineers closed 35 service requests within an average of 5 business days.

TOC by Time of Day



Service Request Per Day of Week



TRAFFIC OPERATIONS

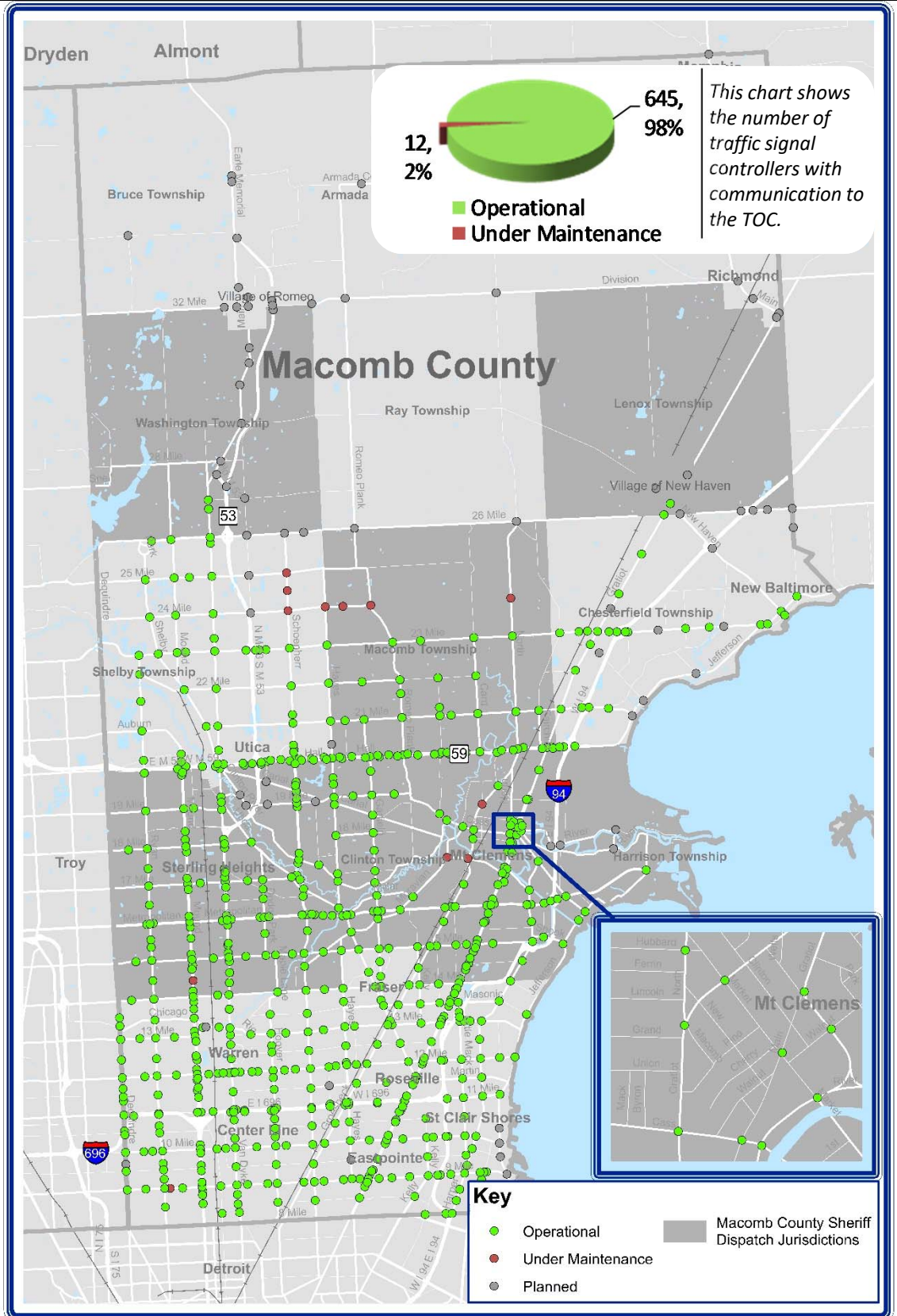
August 2019



REGIONAL COMMUNICATIONS SUMMARY

ITS MAINTENANCE

August 2019



During the target month, the TOC added 0 intersections to the operational communications network. Locations considered to have operational communications are shown in green, while locations found not to have operational communications due to needed maintenance are shown in red. Locations that are "Planned" have not yet been integrated into TOC network.



HIGH IMPACT CORRIDOR COMMUNICATIONS AVAILABILITY

Corridor	Current Month	Previous Month	Change
9 Mile	96%	100%	-4%
14 Mile	100%	100%	0%
15 Mile	100%	95%	5%
Metro Parkway	100%	97%	3%
Hall (M-59)	100%	100%	0%
Dequindre	100%	100%	0%
Ryan	100%	100%	0%
Mound	98%	100%	-2%
Hoover	100%	93%	7%
Schoenherr	92%	92%	0%
Hayes	96%	96%	0%
Gratiot (M-3)	100%	100%	0%
Harper	100%	100%	0%

The table above represents a one-time monthly snapshot of communications along major corridors in Macomb County. Corridors which are considered to have operational communications (90% and above) are shown in green, while corridors found not to have operational communications (<90%) at the time of the snapshot are shown in red.

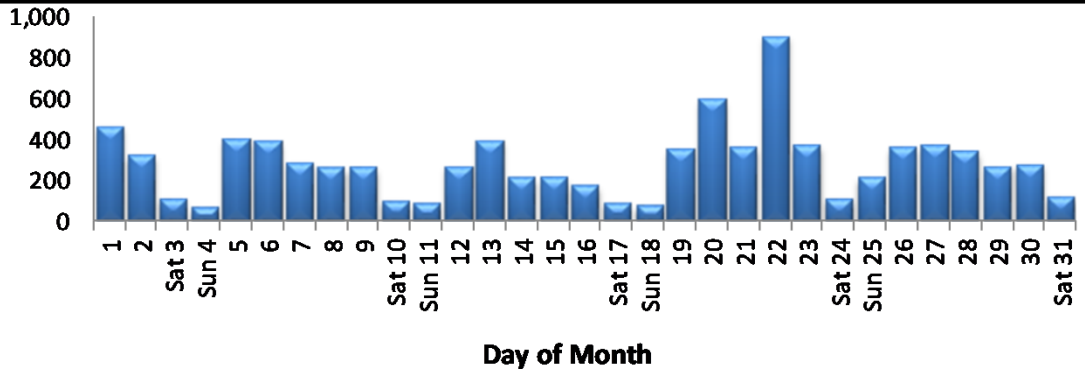
EXECUTED TRAFFIC SIGNAL UPGRADES

August	Location	Upgrade
20	0046	Scheduled flash

Tracks the roadway upgrades executed in Macomb County, including those done by other transportation agencies, also lists a description of the upgrades performed.

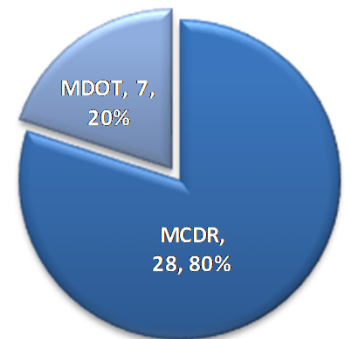
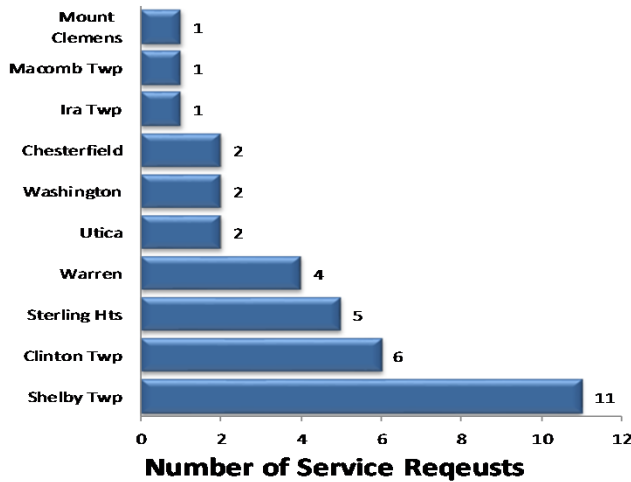


MCDR WEBSITE HITS



A total of 8,880 hits were accrued at <http://roads.macombgov.org/>.

SERVICE REQUESTS PER MUNICIPALITY

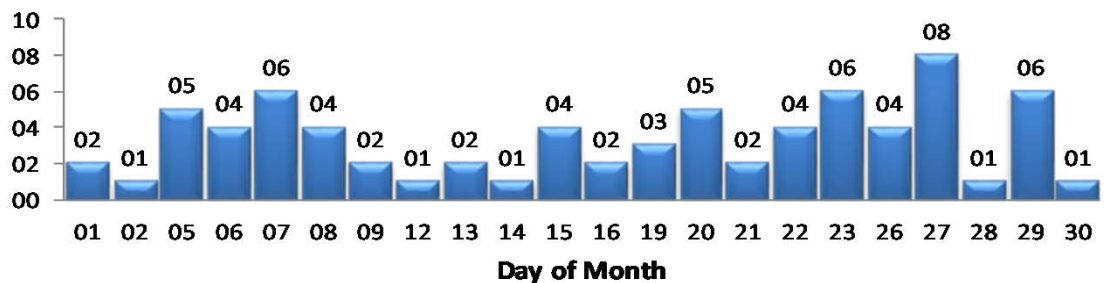


The chart to the left shows how many requests were created per traffic signal location under municipality jurisdiction. The chart to the right shows breakdown of the requests created under MDOT or MCDR / local municipality jurisdiction.

GOVDELIVERY NOTIFICATIONS

In the month of August, the TOC sent out 91 GovDelivery notifications, and increased the number of recipients from 1,536 to 1,577 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.

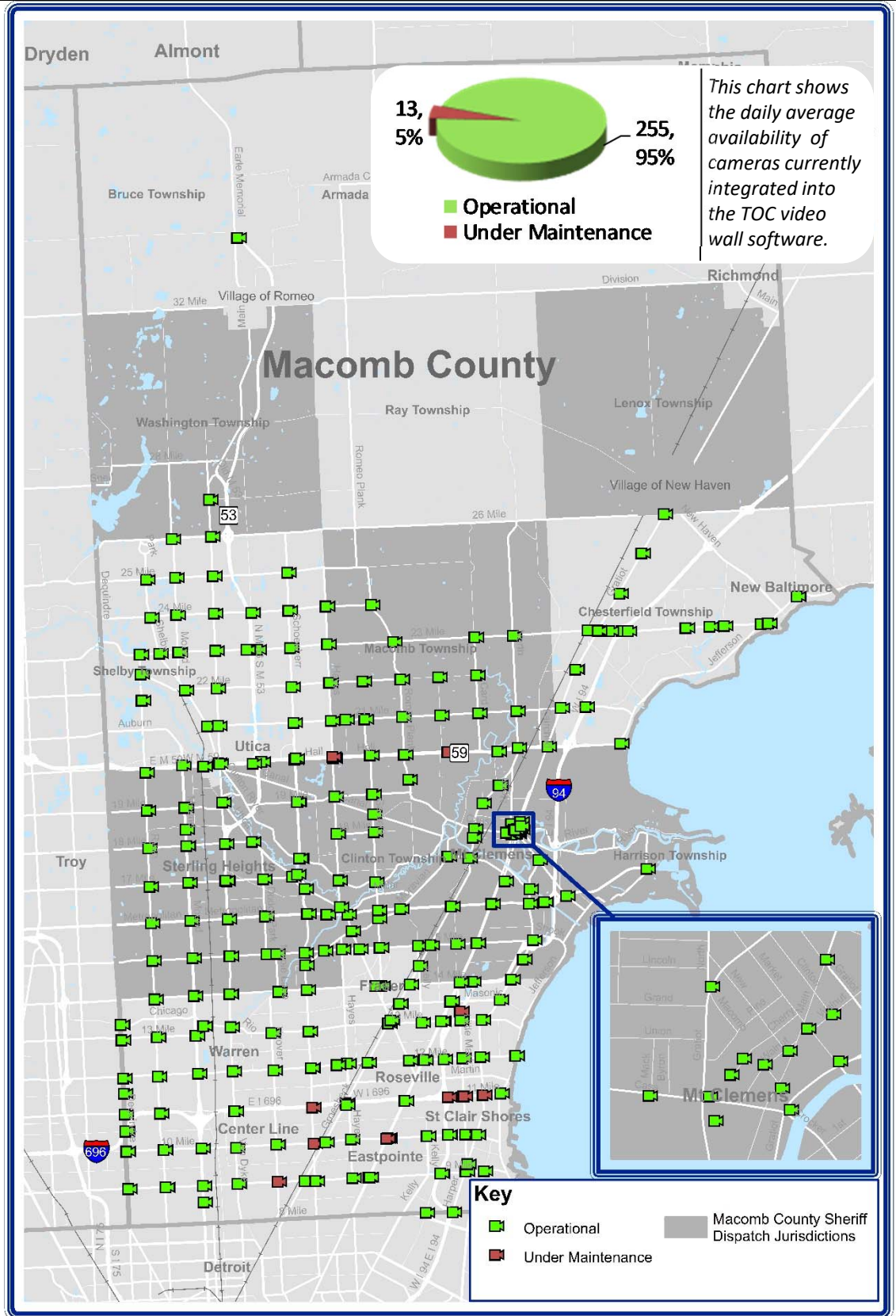
[Sign up for incident notifications on weekdays from 6 a.m. to 6 p.m. causing lane or roadway closures on major Macomb County arterials.](#)



CURRENT CAMERA LOCATIONS

CAMERA COVERAGE

August 2019



During the target month, the TOC added 0 cameras to be viewed on the video wall.

Cameras considered to have operational communications are shown in **green**, while cameras found not to have operational communications due to needed maintenance are shown in **red**.

