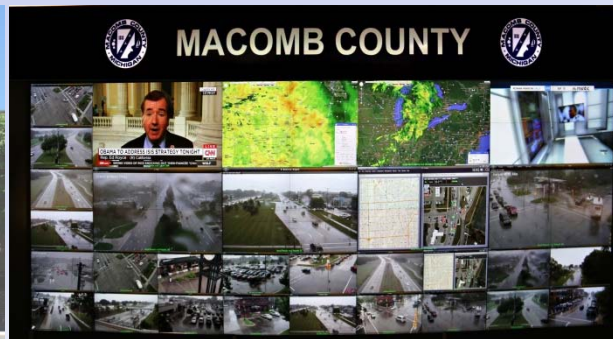


MACOMB COUNTY DEPARTMENT OF ROADS

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."

PERFORMANCE MEASURES



August 2018



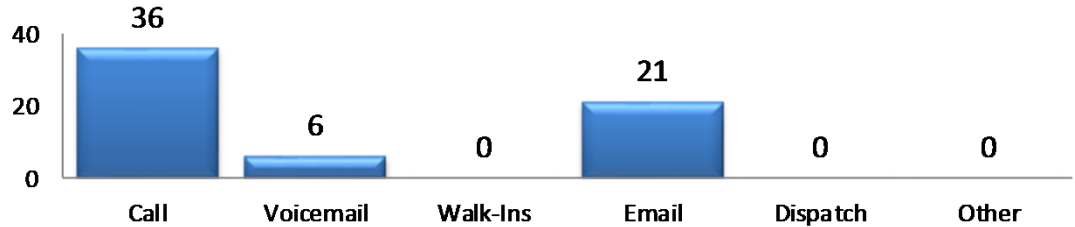
John Abraham, PhD, PE, PTOE
Director of Traffic & Operations
Macomb County Department of Roads
117 S Groesbeck Hwy
Mount Clemens, MI 48043
586-463-8671
JAbraham@RCMCWeb.org

INFORMATIVE TOC HIGHLIGHT

Throughout the month of August, the Macomb County Department of Roads (MCDR) realized an increase in the amount of construction occurring along the roadways. Due to the associated impacts to motorists delay, the Traffic Operations Center (TOC) received and responded accordingly to a 37% increase in the number of service requests, when compared to the previous month. The attention to motorists' needs allow concerns to be investigated, addressed, and resolved in a timely manner, ultimately improving traffic operations throughout the county.

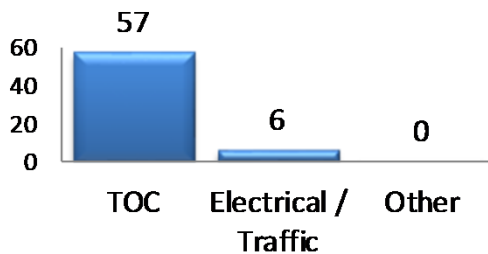
SERVICE REQUESTS

Source



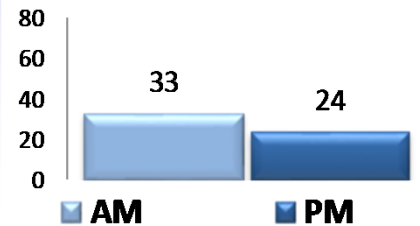
In the month of August, 63 incoming requests regarding traffic signals were received. The 'Source' chart shows how the service request was received by the TOC.

Service Request by Dept.

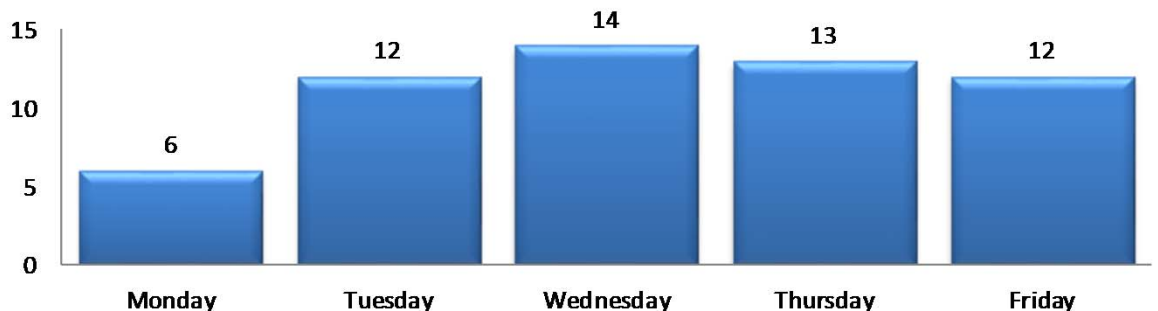


In the month of August, the TOC engineers closed 50 service requests within an average of 4 business days.

TOC AM/PM Requests



Service Request Per Day of Week



TRAFFIC OPERATIONS

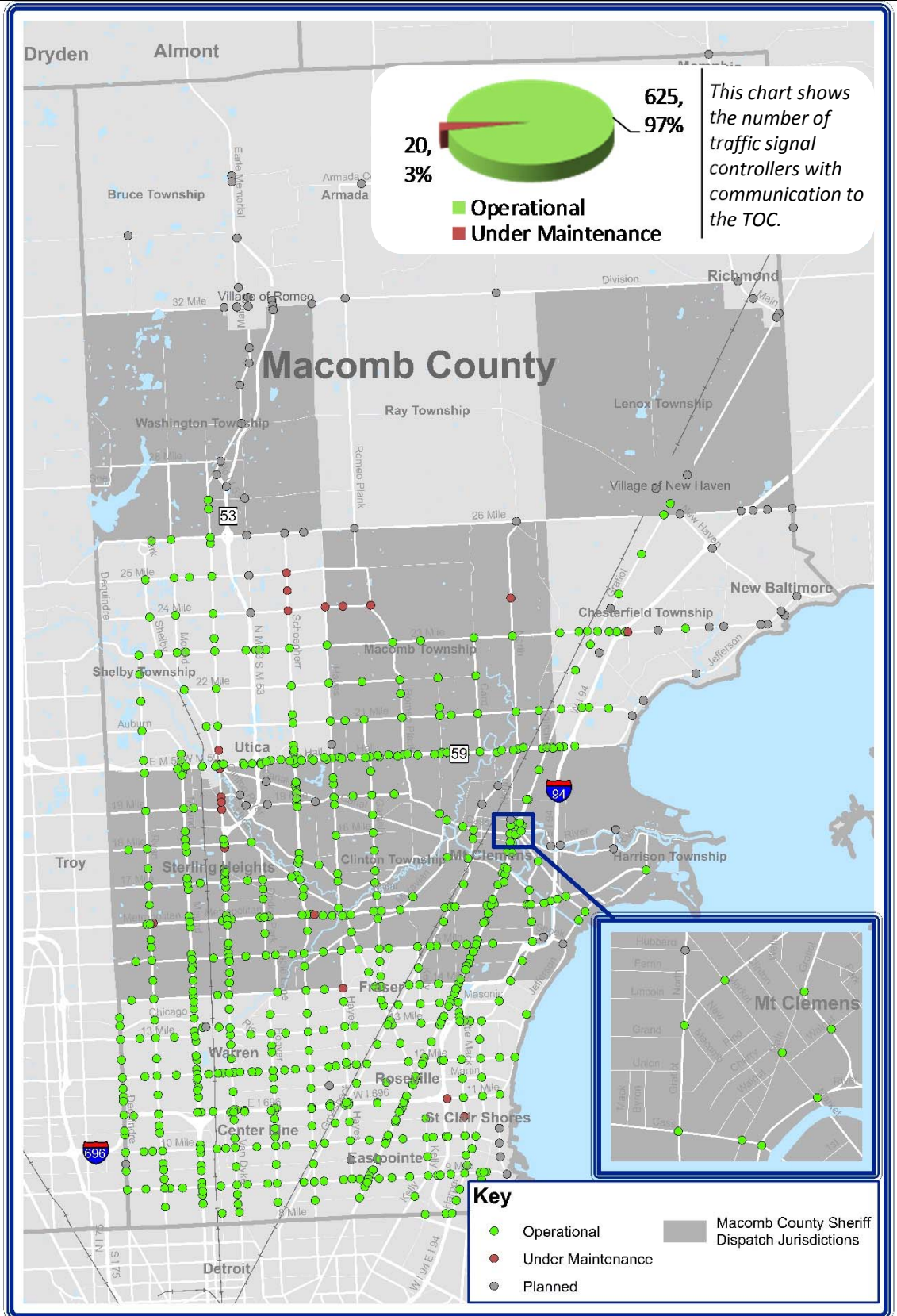
August 2018



REGIONAL COMMUNICATIONS SUMMARY

ITS MAINTENANCE

August 2018



During the target month, the TOC added 0 intersections to our 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 at the time of the snapshot are shown in **red**. Locations that are "Planned" have not yet been integrated into TOC network.



COUNTY CORRIDOR COMMUNICATIONS AVAILABILITY

Corridor	Current Month	Previous Month	Change
9 Mile	100%	100%	0%
14 Mile	75%	100%	-25%
15 Mile	100%	100%	0%
Metro Parkway	100%	100%	0%
Hall (M-59)	100%	100%	0%
Ryan	100%	100%	0%
Mound	100%	100%	0%
Hoover	100%	93%	7%
Schoenherr	87%	92%	-5%
Hayes	92%	96%	-4%
Gratiot (M-3)	100%	98%	2%
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**.

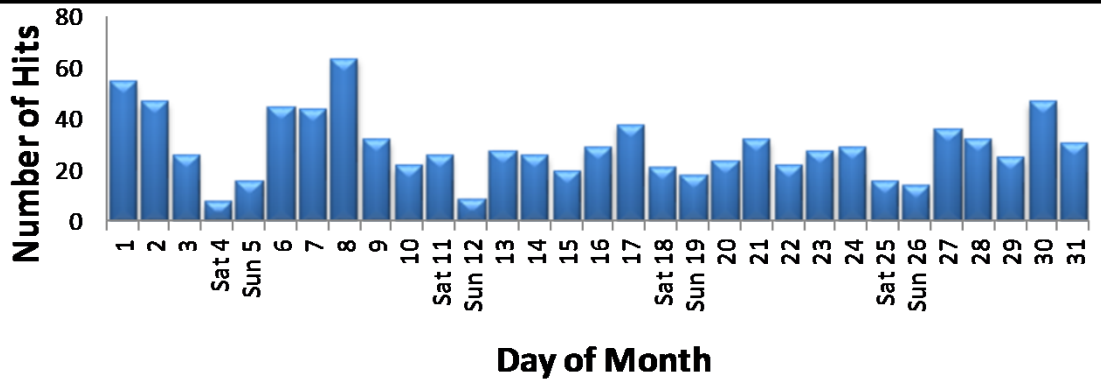
EXECUTED TRAFFIC SIGNAL UPGRADES

June	Location	Upgrade
N/A	N/A	N/A

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

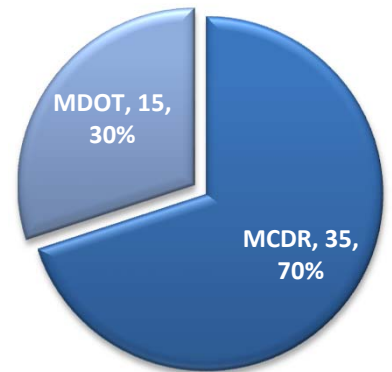
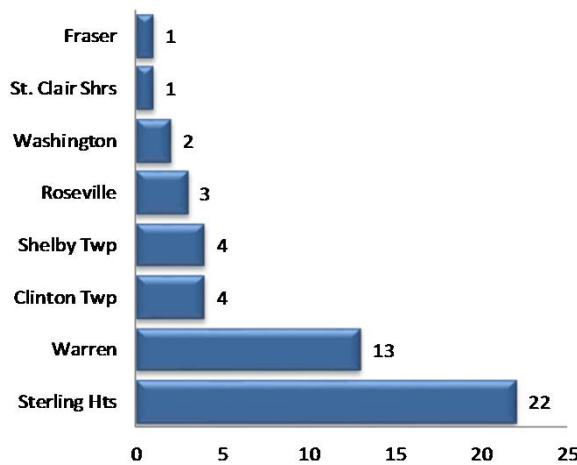


MCDR WEBSITE HITS



A total of 910 hits were accrued at <http://roads.macombgov.org/>.

SERVICE REQUESTS PER MUNICIPALITY

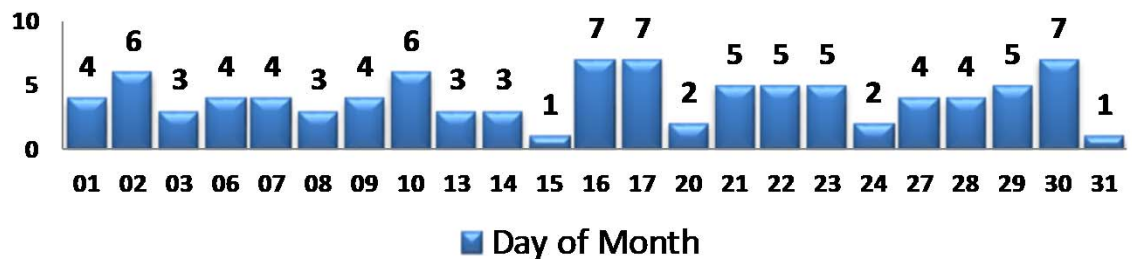


The chart to the left shows how many requests were created per traffic signal location under municipality jurisdiction and the chart to the right shows breakdown of the requests created under MDOT or MCDR / local municipality jurisdiction.

GOVDELIVERY NOTIFICATIONS

In the month of August, the TOC sent out 107 GovDelivery notifications, and increased the number of recipients from 1,167 to 1,185 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 only sent after the incident has been verified.

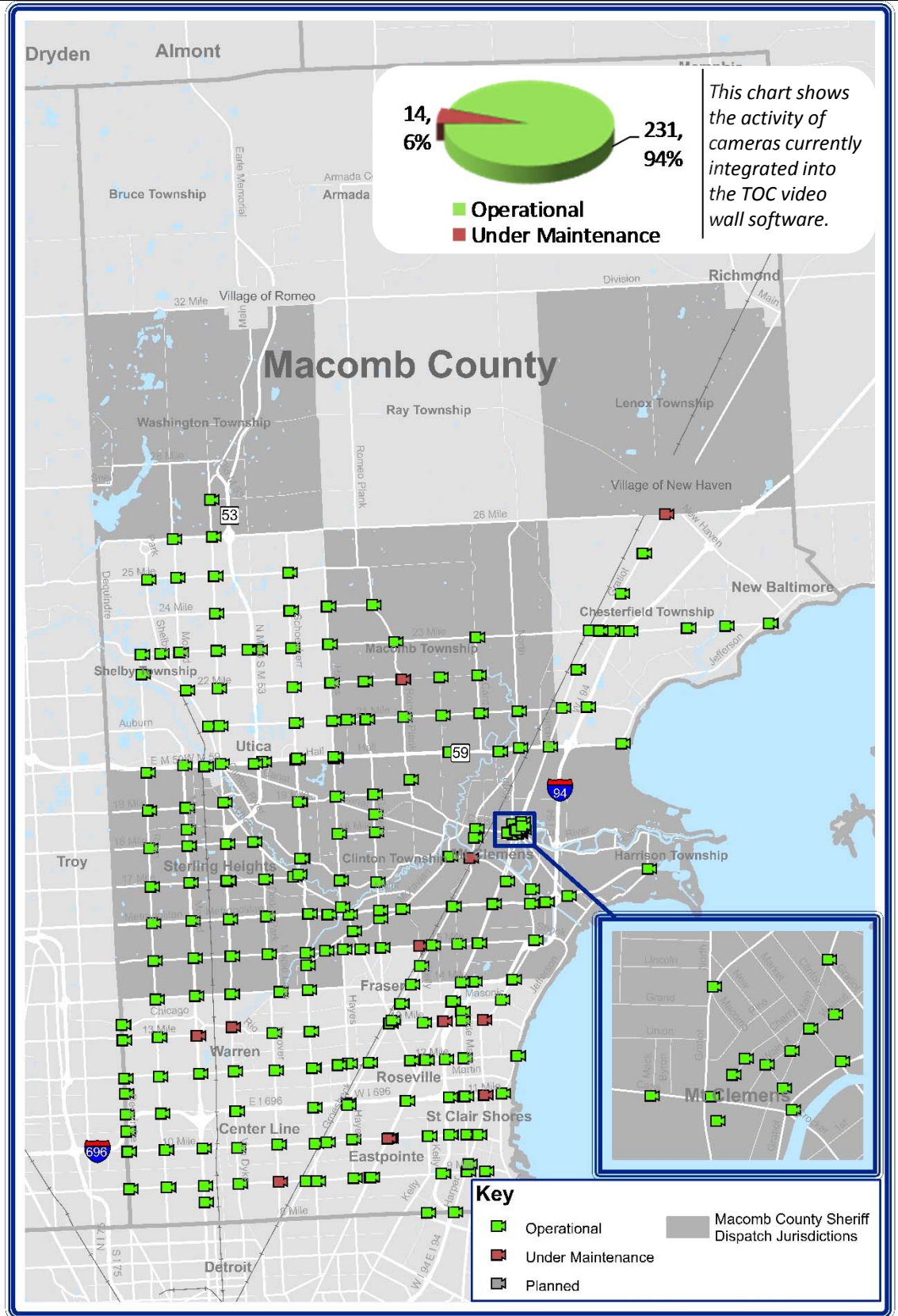
[Sign up for incident notifications on weekdays from 6 a.m. to 6 p.m. causing lane or roadway closures on major Macomb County arterials.](#)



CURRENT CAMERA LOCATIONS

CAMERA COVERAGE

August 2018



This chart shows the activity of cameras currently integrated into the TOC video wall software.

During the target month, the TOC added 3 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 at the time of the snapshot are shown in red. Cameras that are "Planned" have not yet been integrated into TOC video wall software.

