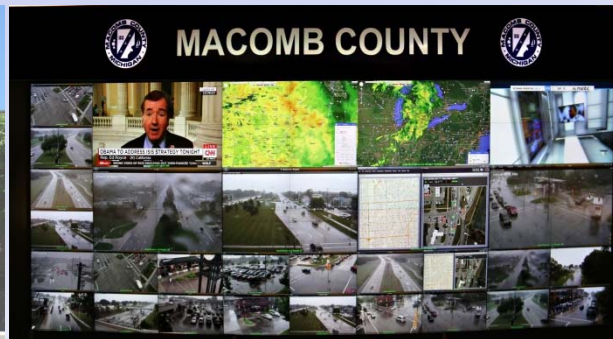


MACOMB COUNTY DEPARTMENT OF ROADS

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



JANUARY 2018



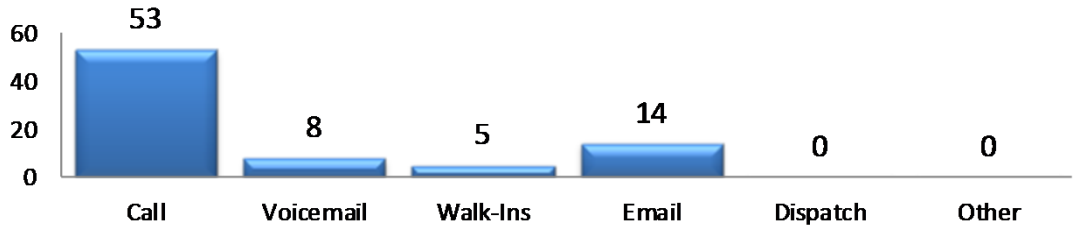
John Abraham, PhD, PE, PTOE
Director of Traffic & Operations
Macomb County Department of Roads
117 S Groesbeck Hwy
Mount Clemens, MI 48043
586-463-8671
JAbraham@RCMCWeb.org

INFORMATIVE TOC HIGHLIGHT

The new year brings the expansion of many anticipated technological advances aimed at improving both safety and mobility throughout Macomb County. The Macomb County Department of Roads (MCDR) Traffic Operations Center (TOC) initiated a revamp of the travel time monitoring system throughout the county, allowing for new software capabilities to be incorporated into daily operations. Travel time monitoring will be an important factor in informing the motoring public of real-time operations during major construction within the county, such as upcoming work along M-59 (Hall Road), and verifying operations are proceeding as expected.

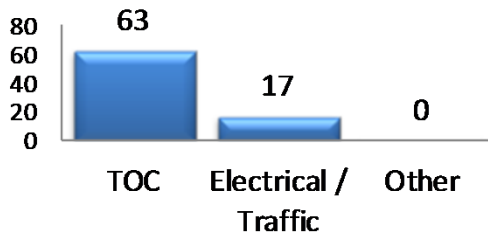
SERVICE REQUESTS

Source



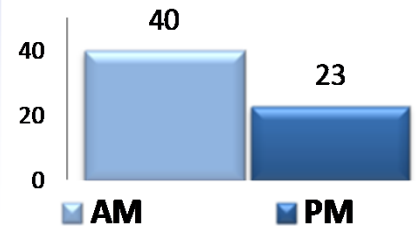
In the month of January, 80 incoming requests regarding traffic signals were received. The 'Source' chart shows how the service request was received by the TOC.

Service Request by Dept.

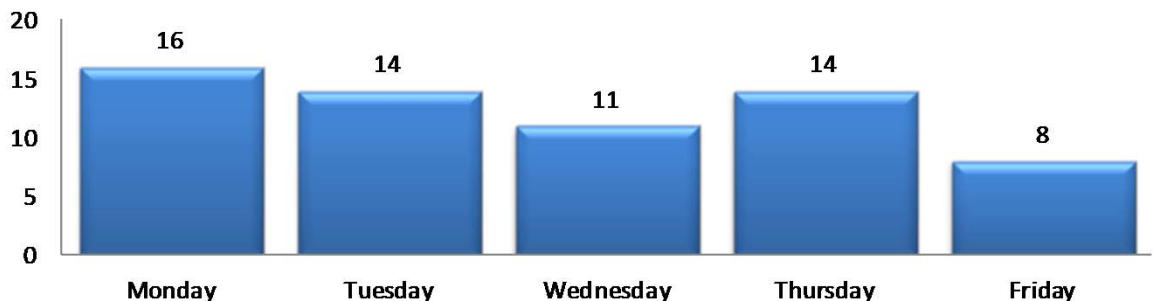


In the month of January, the TOC engineers closed 71 service requests within an average of 13 business days.

TOC AM/PM Requests



Service Request Per Day of Week



TRAFFIC OPERATIONS

January 2018

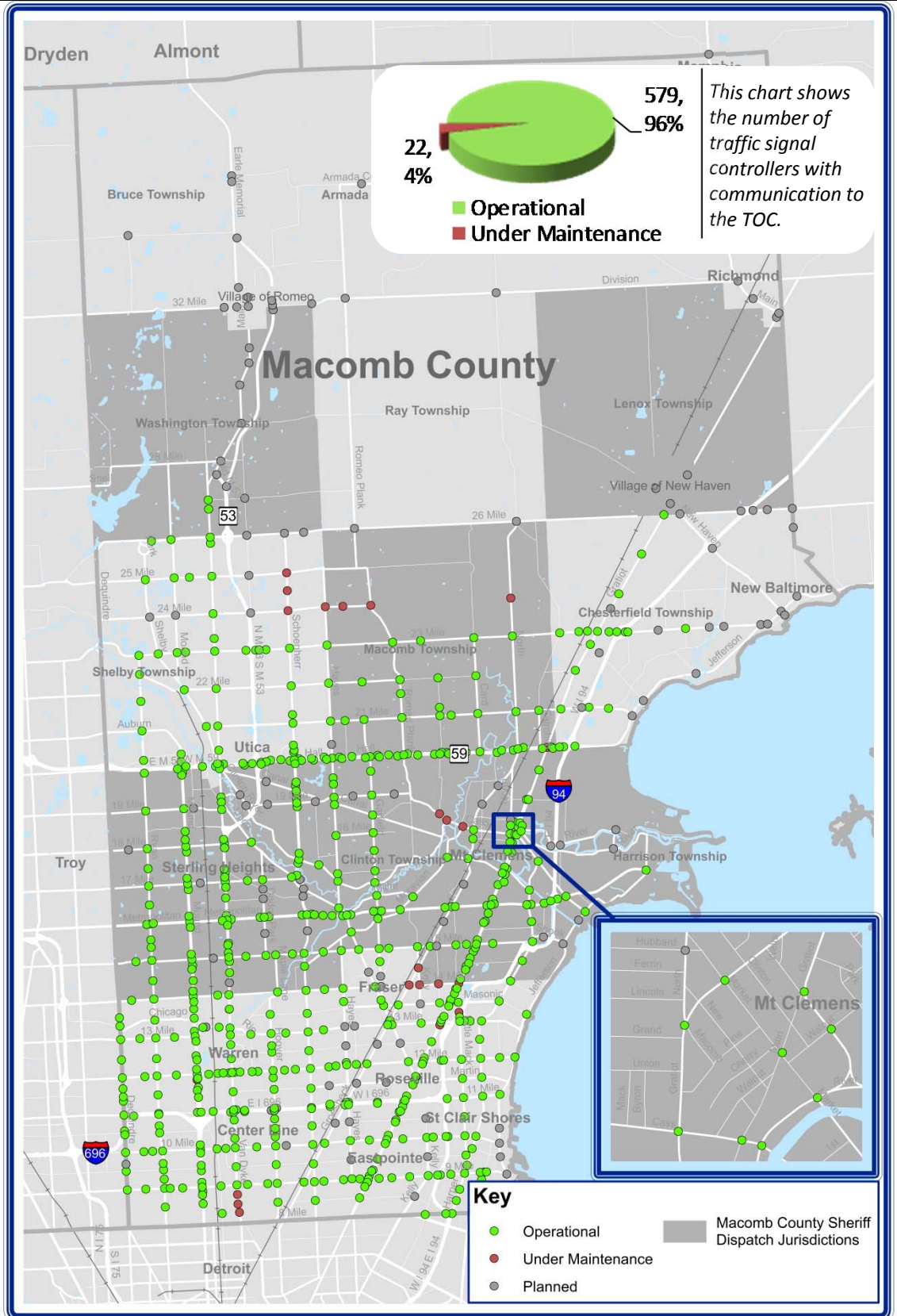


AECOM

REGIONAL COMMUNICATIONS SUMMARY

ITS MAINTENANCE

January 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	73%	100%	-27%
15 Mile	100%	95%	5%
Metro Parkway	100%	97%	3%
Hall (M-59)	98%	100%	-2%
Dequindre	100%	100%	0%
Ryan	100%	96%	4%
Mound	98%	98%	0%
Hoover	100%	100%	0%
Schoenherr	91%	91%	0%
Hayes	95%	95%	0%
Gratiot (M-3)	96%	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

January	Location	Upgrade
00		No cut over information for this month

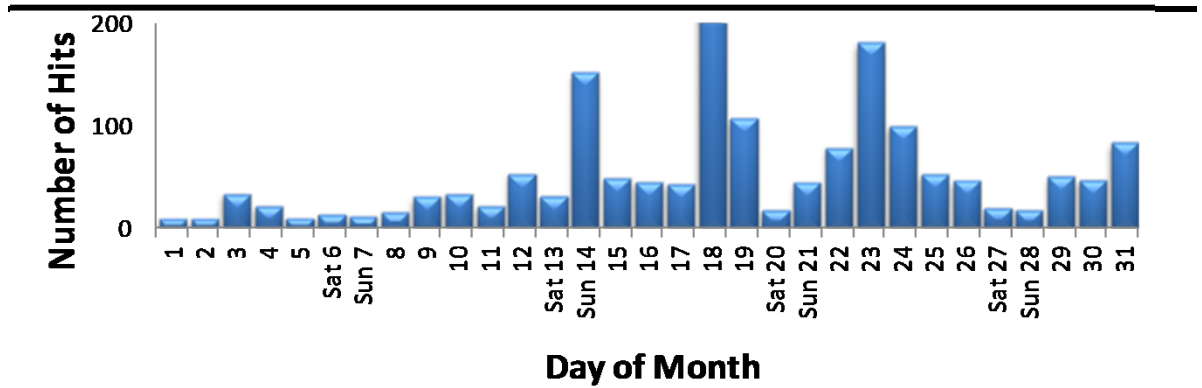
Tracks the roadway upgrades executed in Macomb County, including those done by other transportation agencies, also lists a description of the upgrades performed.

SIGNAL INFORMATION

January 2018

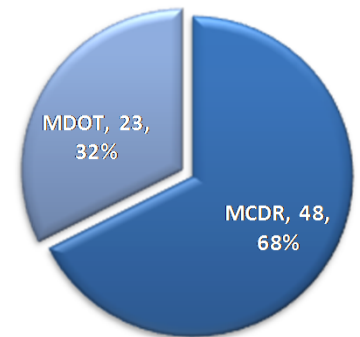
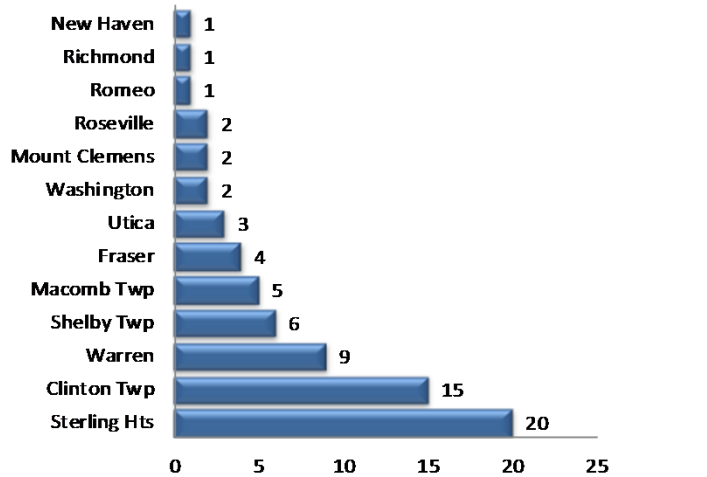


MCDR WEBSITE HITS



A total of 1,695 hits were accrued at <http://roads.macombgov.org/>.

SERVICE REQUESTS PER MUNICIPALITY

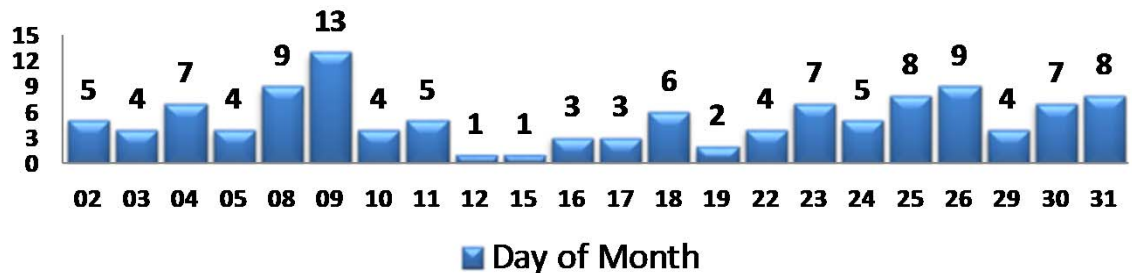


The chart to the left shows how many requests were created per traffic signal location under municipality jurisdiction and the chart to the right shows breakdown of the requests created under MDOT or MCDR / local municipality jurisdiction.

GOVDELIVERY NOTIFICATIONS

In the month of January, the TOC sent out 119 GovDelivery notifications, and increased the number of recipients from 977 to 1,008 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.

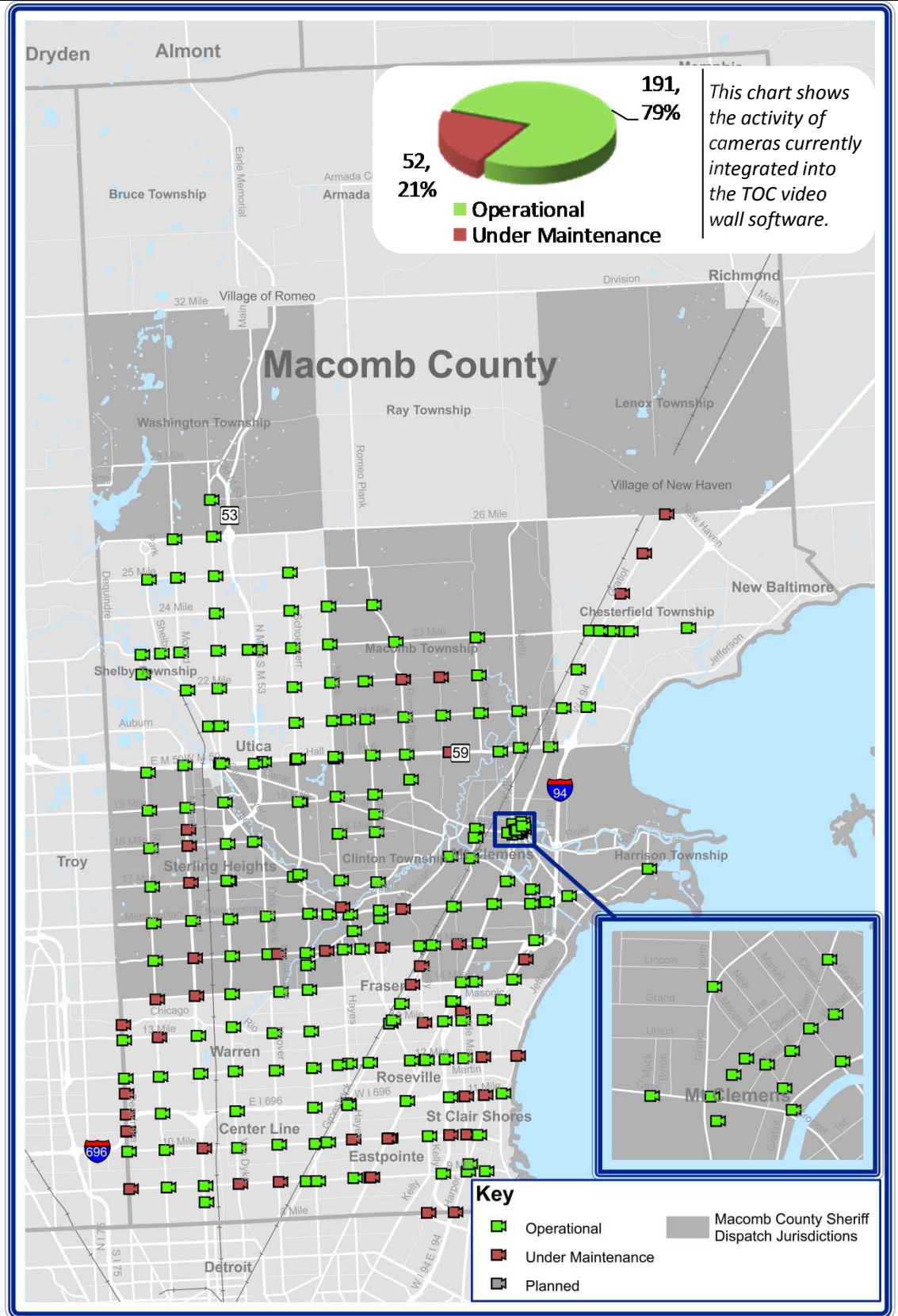
[Sign up for incident notifications on weekdays from 6 a.m. to 6 p.m. causing lane or roadway closures on major Macomb County arterials.](#)



CURRENT CAMERA LOCATIONS

CAMERA COVERAGE

January 2018



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 at the time of the snapshot are shown in **red**. Cameras that are "Planned" have not yet been integrated into TOC video wall software.

