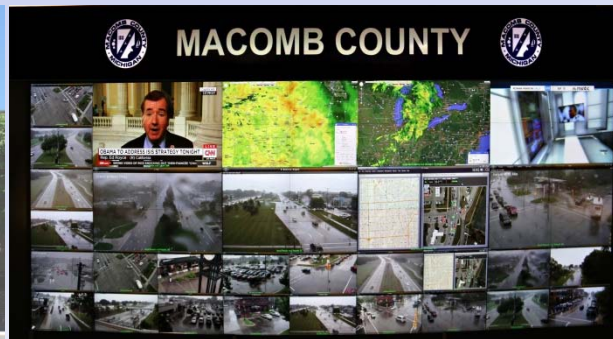


MACOMB COUNTY DEPARTMENT OF ROADS

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



April 2018



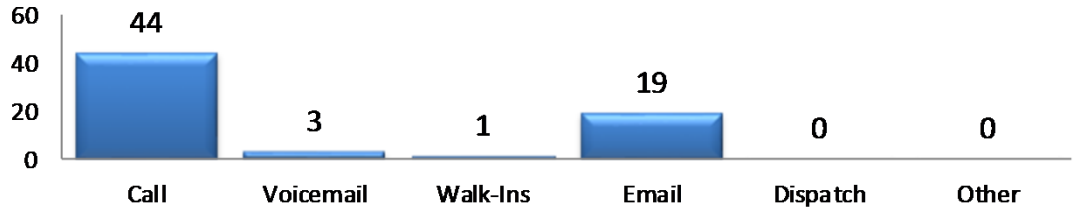
John Abraham, PhD, PE, PTOE
Director of Traffic & Operations
Macomb County Department of Roads
117 S Groesbeck Hwy
Mount Clemens, MI 48043
586-463-8671
JAbraham@RCMCWeb.org

INFORMATIVE TOC HIGHLIGHT

In the month of April Macomb County Department of Roads Traffic Operations Center in cooperation with Michigan Department of Transportation has been observing and managing traffic operations for rerouted/displaced vehicle volumes as a result of multiple construction projects. The Let's Move Festival of Races through downtown Mount Clemens was staffed by TOC operators; the event was well executed and saw little impact to the surrounding area.

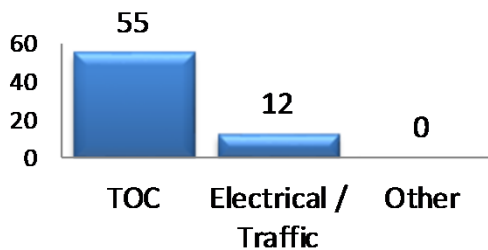
SERVICE REQUESTS

Source



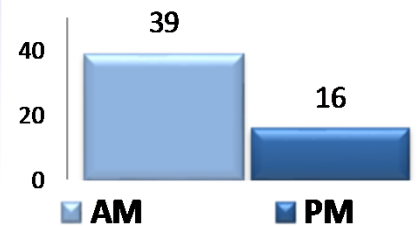
In the month of April, 67 incoming requests regarding traffic signals were received. The 'Source' chart shows how the service request was received by the TOC.

Service Request by Dept.

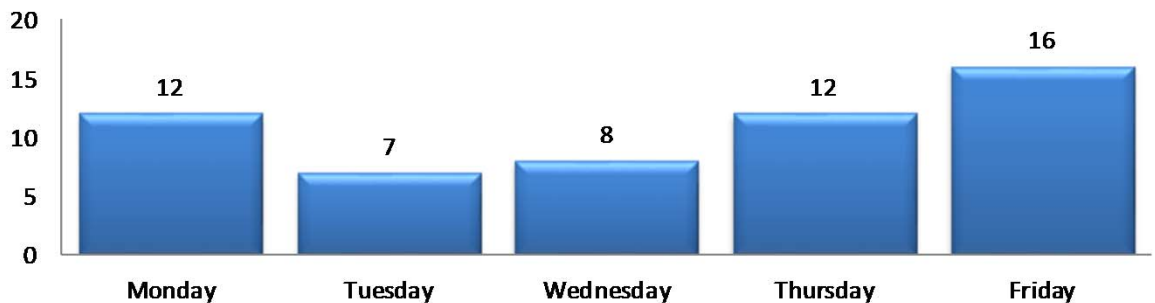


In the month of April, the TOC engineers closed 44 service requests within an average of 5 business days.

TOC AM/PM Requests



Service Request Per Day of Week



TRAFFIC OPERATIONS

April 2018

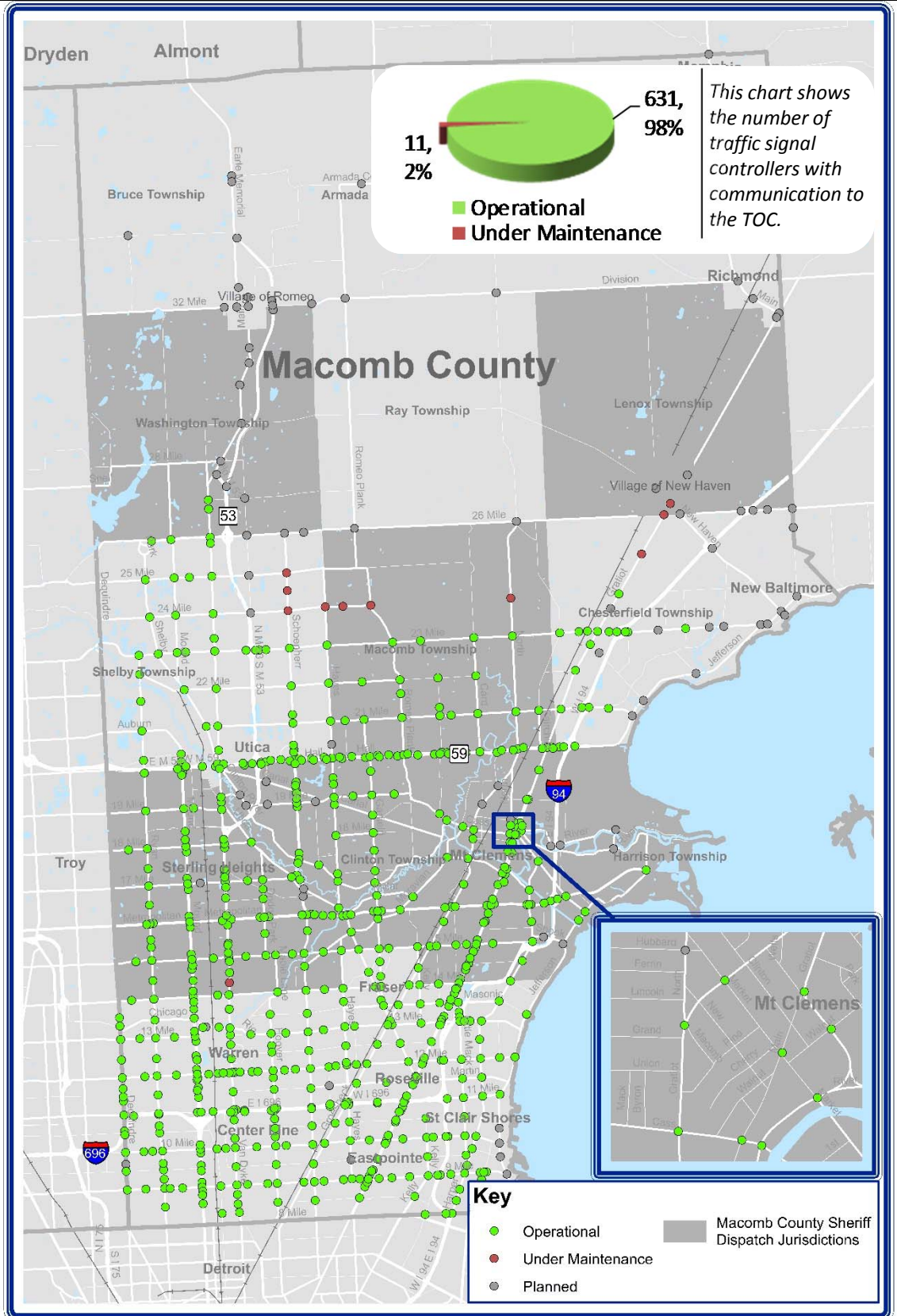


AECOM

REGIONAL COMMUNICATIONS SUMMARY

ITS MAINTENANCE

April 2018



During the target month, the TOC added 41 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	100%	86%	14%
15 Mile	100%	100%	0%
Metro Parkway	100%	100%	0%
Hall (M-59)	98%	98%	0%
Dequindre	100%	100%	0%
Ryan	100%	100%	0%
Mound	100%	100%	0%
Hoover	100%	100%	0%
Schoenherr	91%	91%	0%
Hayes	96%	95%	1%
Gratiot (M-3)	96%	100%	-4%
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.

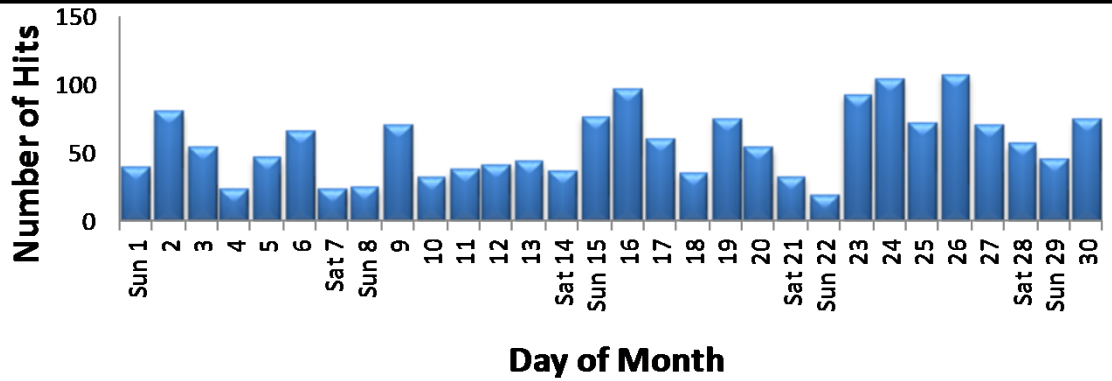
EXECUTED TRAFFIC SIGNAL UPGRADES

April	Location	Upgrade
03	0759 T	EB M-59 (Hall) at XOW of Garfield
03	0762 T	EB M-59 (Hall) at XOW of Romeo Plank
03	0971	EB M-59 (Hall) at XOW of Ronnen
03	0972	WB M-59 (Hall) at XOE Ronnen
04	0613T	WB M-59 (Hall) at XOE Romeo Plank
04	0762	EB M-59 (Hall) at XOW Romeo Plank
04	0763	WB M-59 (Hall) at XOE Romeo Plank
30	0638	EB Metro Parkway at XO West of Schoenherr

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

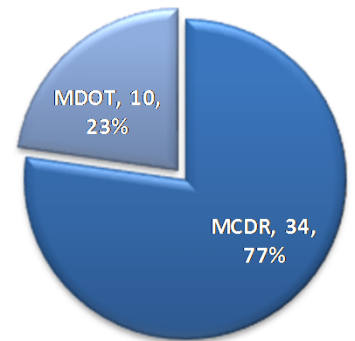
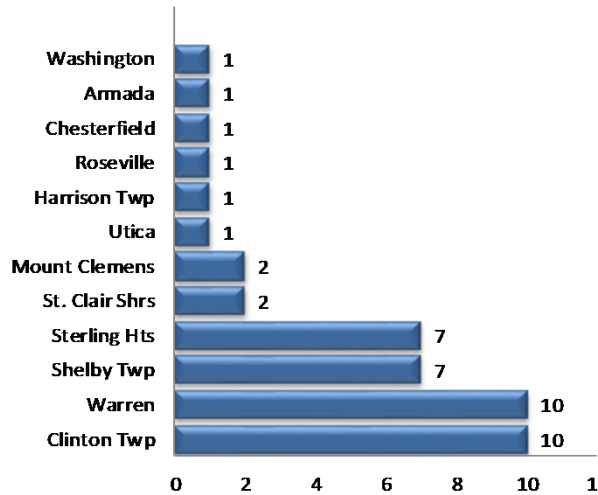


MCDR WEBSITE HITS



A total of 1,708 hits were accrued at <http://roads.macombgov.org/>.

SERVICE REQUESTS PER MUNICIPALITY

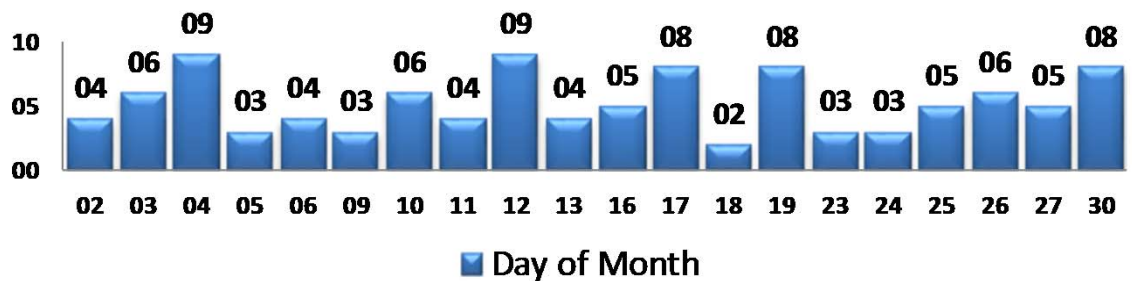


The chart to the left shows how many requests were created per traffic signal location under municipality jurisdiction and the chart to the right shows breakdown of the requests created under MDOT or MCDR / local municipality jurisdiction.

GOVDELIVERY NOTIFICATIONS

In the month of April, the TOC sent out 105 GovDelivery notifications, and increased the number of recipients from 1,070 to 1,100 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.

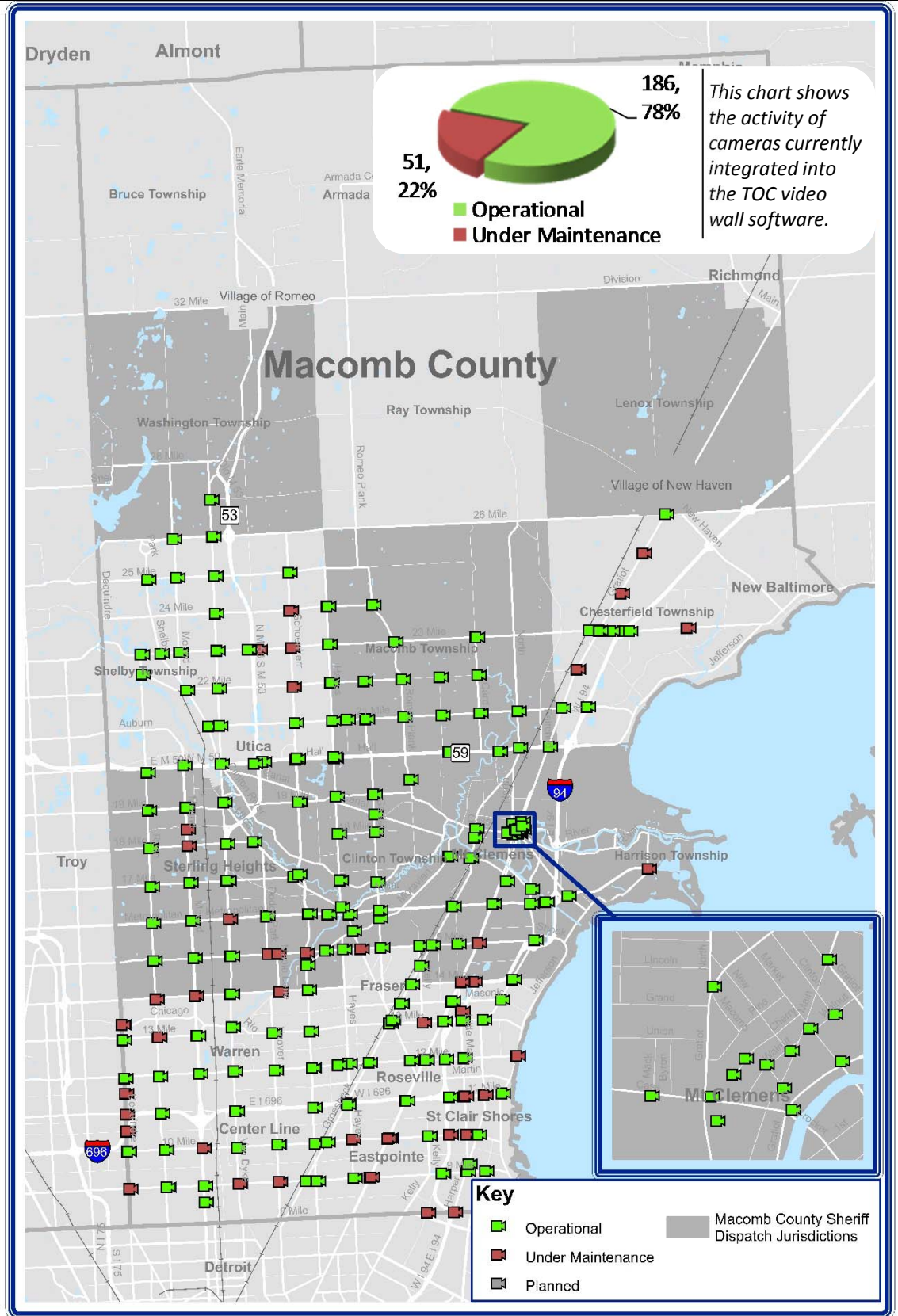
[Sign up for incident notifications on weekdays from 6 a.m. to 6 p.m. causing lane or roadway closures on major Macomb County arterials.](#)



CURRENT CAMERA LOCATIONS

CAMERA COVERAGE

April 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.

