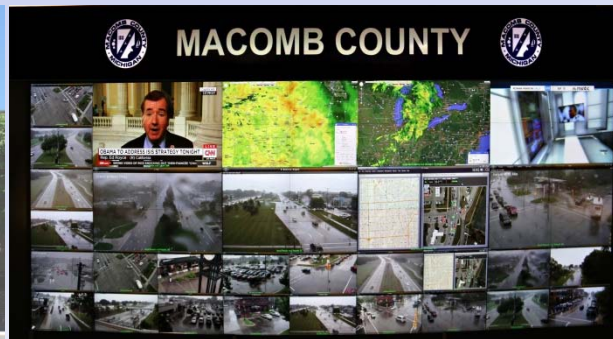# MACOMB COUNTY DEPARTMENT OF ROADS

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."
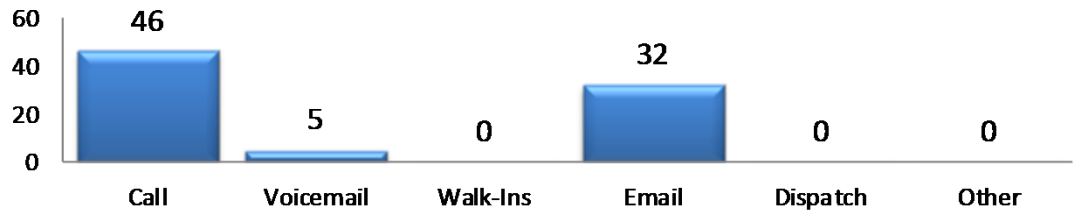
PERFORMANCE MEASURES

FEBRUARY 2018

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AECOM ● OPUS ∮ INTEGRAL BLUE

INFORMATIVE TOC HIGHLIGHT

Throughout the month of February, the Macomb County Department of Roads (MCDR) Traffic Operations Center (TOC) made strides towards improving communications with all stakeholders in the face of unforeseen events. In response to the tragic events that happened at Marjory Stoneman Douglas High School in Parkland, Florida, the TOC worked closely with Macomb IT, the TOC Emergency Management group and the Utica School to facilitate the resources of the TOC to assist if such a tragic event was supposed to occur. The TOC was able to adjust the video wall layout to incorporate the cameras from Utica High School and have a common place for all first responders to come together and work out a plan to resolve the situation. The TOC traffic engineers also assisted Dispatch in concordance to a funeral procession for a fallen officer. The TOC Techs arranged all the cameras on the route provided by the Sheriff Supervisor on the video wall to monitor the procession. The TOC Engineers also assisted traffic control by turning the signals to flash as the procession passed.
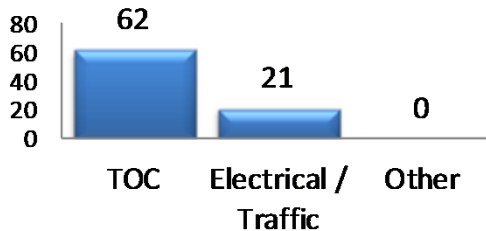
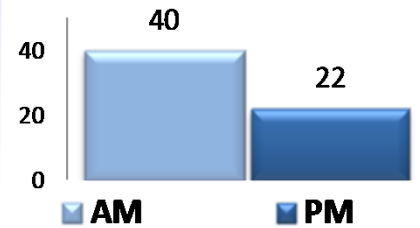## SERVICE REQUESTS

Source

In the month of February, 83 incoming requests regarding traffic signals were received. The 'Source' chart shows how the service request was received by the TOC.
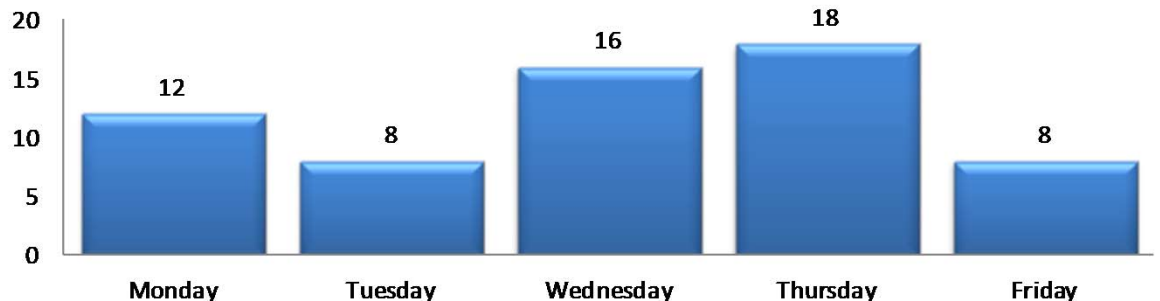
Service Request by Dept.

In the month of February, the TOC engineers closed 52 service requests within an average of 4 business days.

TOC AM/PM Requests

Service Request Per Day of Week

ITS MAINTENANCE
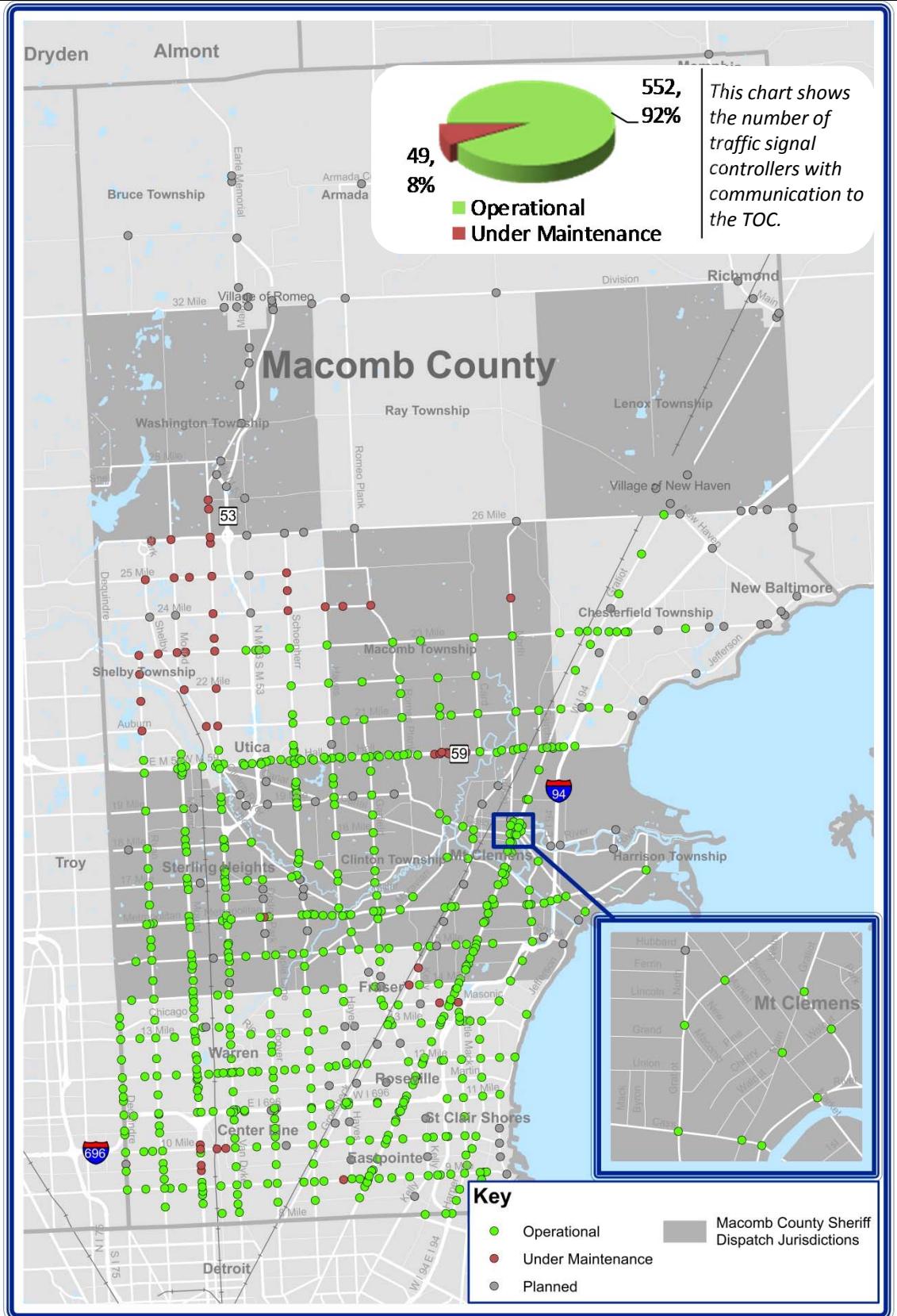
February 2018

552, 92%

49, 8%

This chart shows the number of traffic signal controllers with communication to the TOC.

- Operational
- Under Maintenance

Key

- Operational
- Under Maintenance
- Planned

Macomb County Sheriff Dispatch Jurisdictions

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.

MACOMB COUNTY MICHIGAN 1818

AECOM

COUNTY CORRIDOR COMMUNICATIONS
AVAILABILITY

Corridor	Current Month	Previous Month	Change
9 Mile	96%	100%	-4%
14 Mile	93%	73%	20%
15 Mile	100%	100%	0%
Metro Parkway	97%	100%	-3%
Hall (M-59)	89%	98%	-9%
Dequindre	100%	100%	0%
Ryan	87%	100%	-13%
Mound	92%	98%	-6%
Hoover	100%	100%	0%
Schoenherr	91%	91%	0%
Hayes	95%	95%	0%
Gratiot (M-3)	100%	96%	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

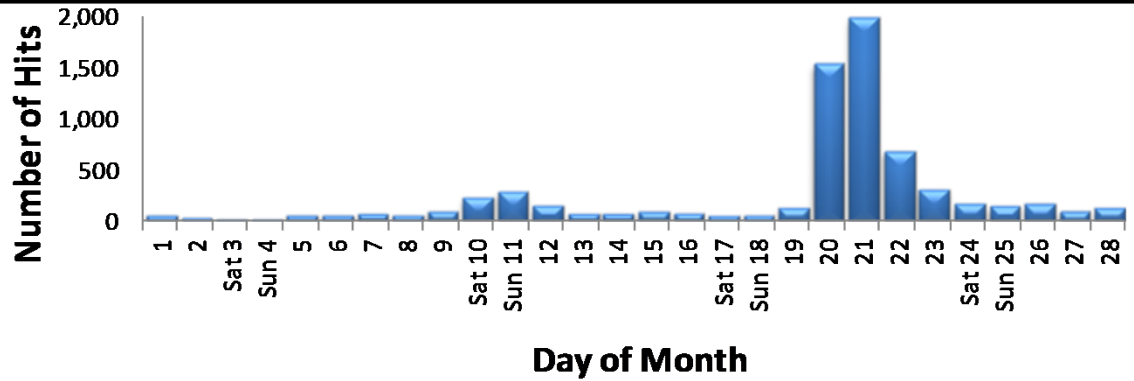| February	Location	Upgrade
00		No cut over information for this month

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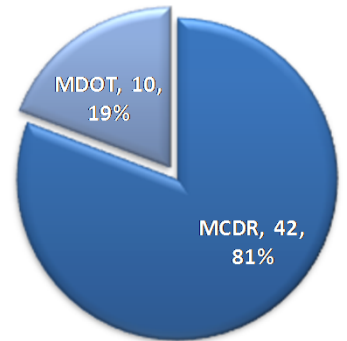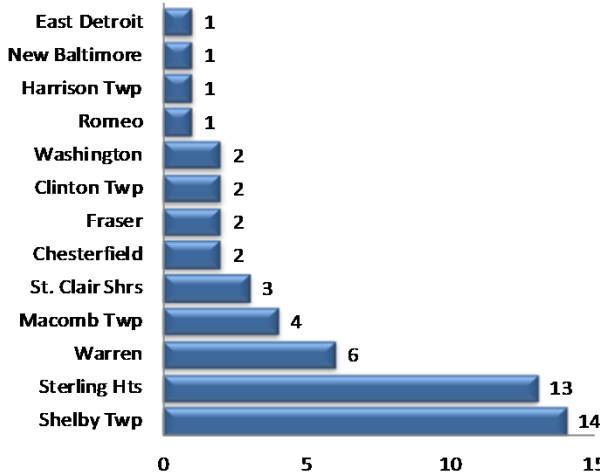
SIGNAL INFORMATION

February 2018

AECOM

MCDR WEBSITE HITS

A total of 7,165 hits were accrued at http://roads.macombgov.org/.

SERVICE REQUESTS PER MUNICIPALITY

Municipality	Requests
East Detroit	1
New Baltimore	1
Harrison Twp	1
Romeo	1
Washington	2
Clinton Twp	2
Fraser	2
Chesterfield	2
St. Clair Shrs	3
Macomb Twp	4
Warren	6
Sterling Hts	13
Shelby Twp	14

MDOT, 10, 19%
MCDR, 42, 81%

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 February, the TOC sent out 140 GovDelivery notifications, and increased the number of recipients from 1,008 to 1,046 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.
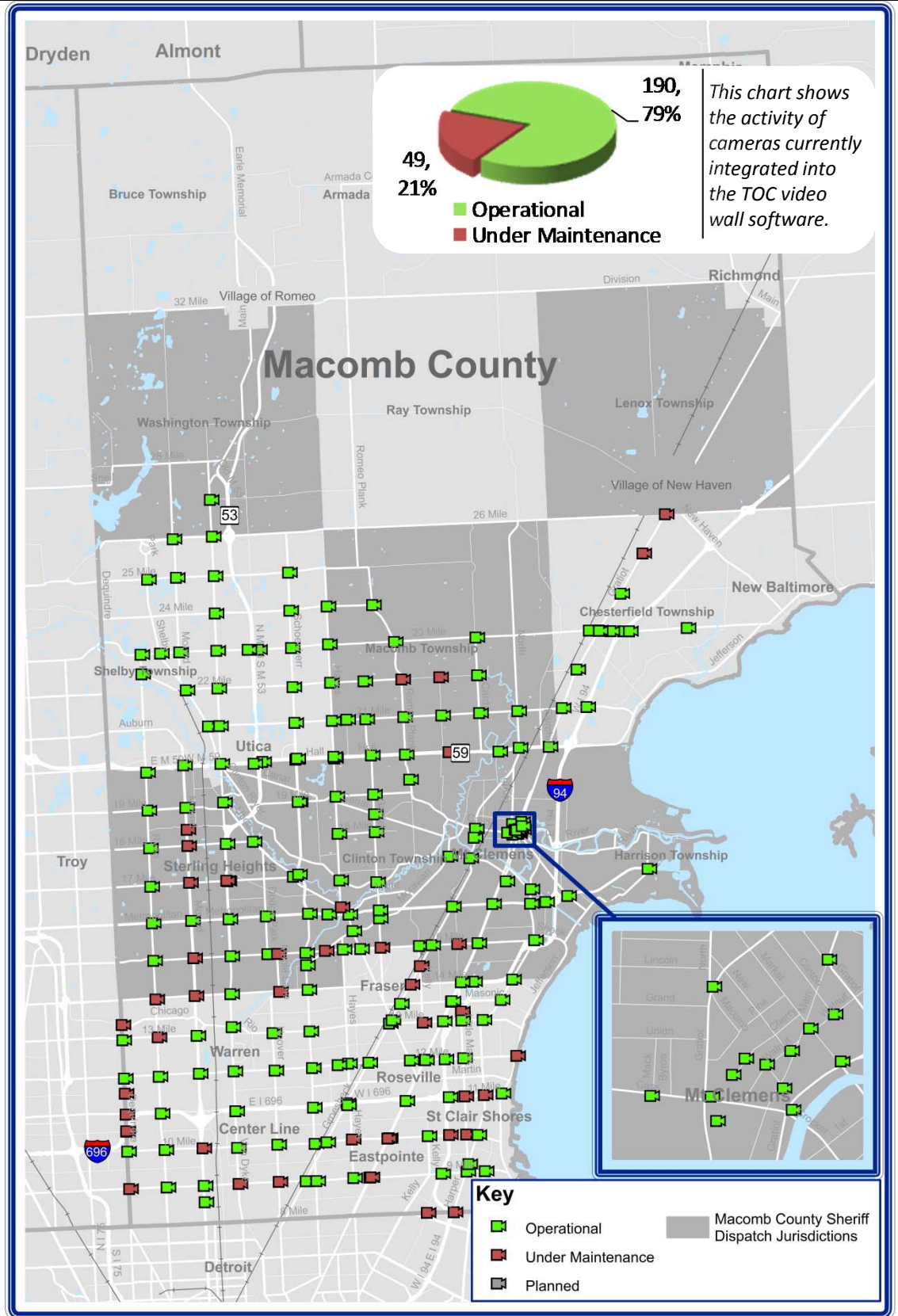
Sign up for incident notifications on weekdays from 6 a.m. to 6 p.m. causing lane or roadway closures on major Macomb County arterials.

CURRENT CAMERA LOCATIONS

CAMERA COVERAGE

February 2018

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

190, 79% — Operational
49, 21% — Under Maintenance

Key

- Operational
- Under Maintenance
- Planned

Macomb County Sheriff Dispatch Jurisdictions

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.