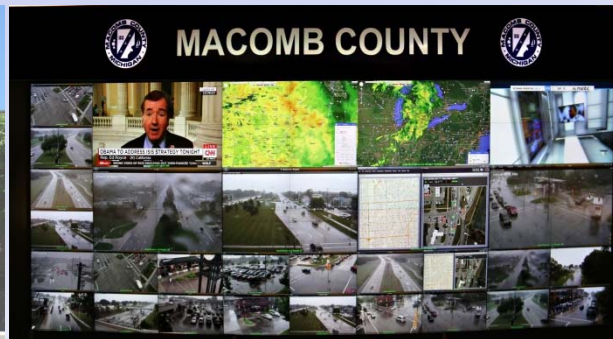# MACOMB COUNTY DEPARTMENT OF ROADS

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

October 2018

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INFORMATIVE TOC HIGHLIGHT

During the month of October, the Macomb County Department of Roads (MCDR) Traffic Operations Center (TOC) participated in an Emergency Management exercise. The Macomb County Emergency Management team lead an exercise that brought a large group of Macomb County stakeholders together to prepare and practice for emergency situations. This collaboration will go a long way to help in the event of an emergency.
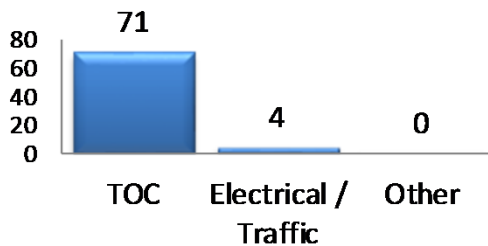
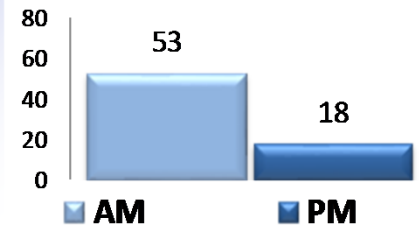# SERVICE REQUESTS

Source
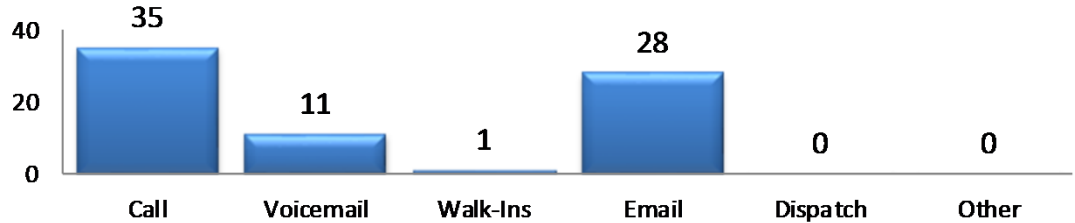
In the month of October, 75 incoming requests regarding traffic signals were received. The 'Source' chart shows how the service request was received by the TOC.
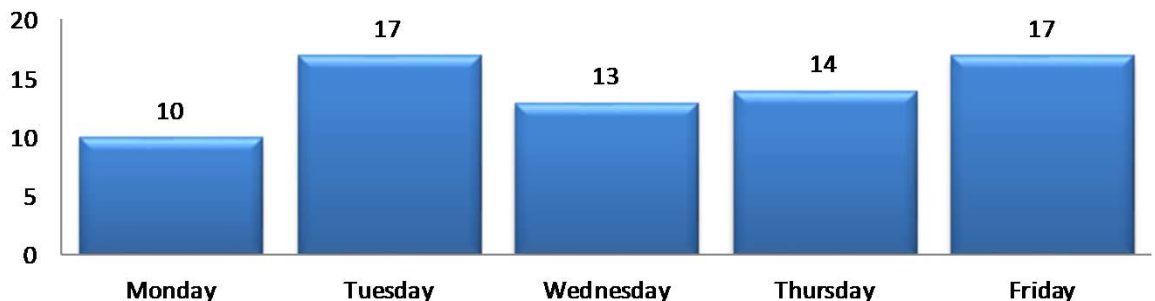
Service Request by Dept.

In the month of October, the TOC engineers closed 78 service requests within an average of 7 business days.

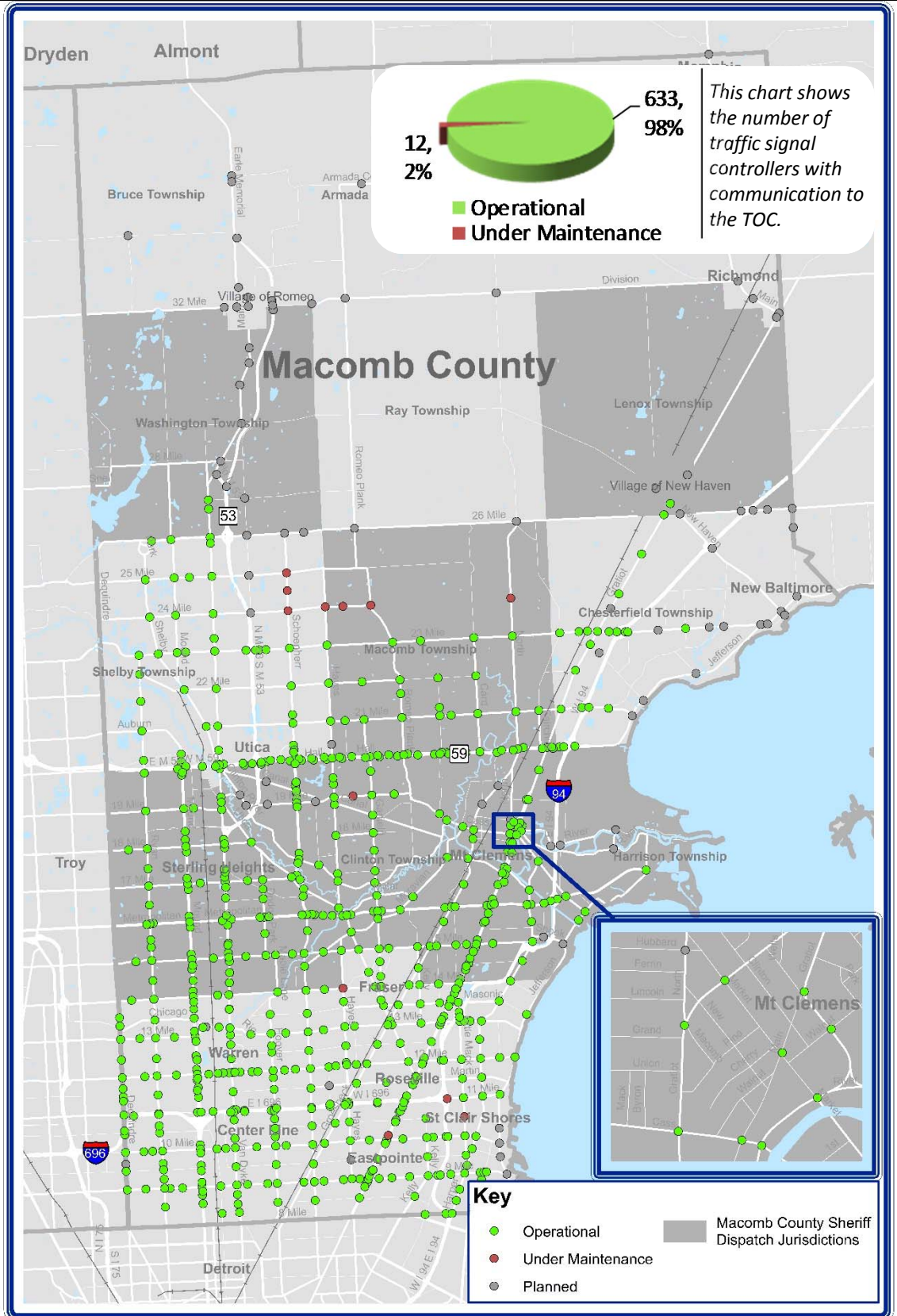## TOC AM/PM Requests

Service Request Per Day of Week

REGIONAL COMMUNICATIONS SUMMARY

ITS MAINTENANCE
October 2018

633, 98%

12, 2%

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

■ Operational
■ Under Maintenance

Macomb County

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.*

COUNTY CORRIDOR COMMUNICATIONS
AVAILABILITY

Corridor	Current Month	Previous Month	Change
9 Mile	100%	100%	0%
14 Mile	93%	93%	0%
15 Mile	100%	100%	0%
Metro Parkway	100%	100%	0%
Hall (M-59)	100%	43%	57%
Ryan	100%	100%	0%
Mound	100%	100%	0%
Hoover	100%	100%	0%
Schoenherr	92%	60%	32%
Hayes	92%	84%	8%
Gratiot (M-3)	98%	98%	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

Oct	Location	Upgrade
04	M-59 (Hall) at Garfield	Signal running colors

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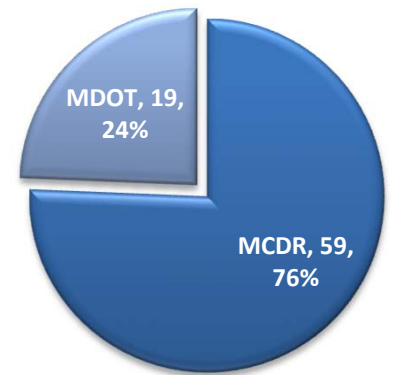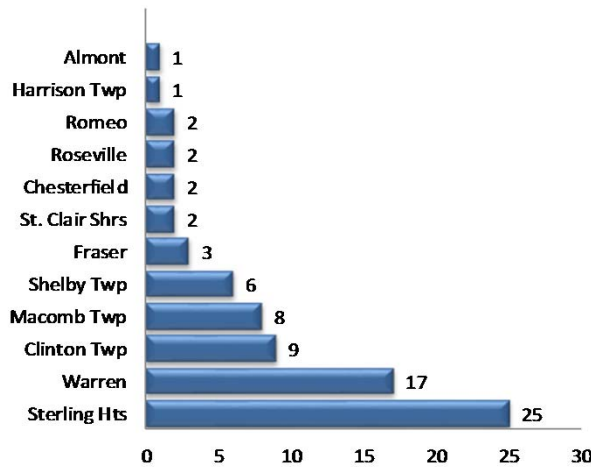
AECOM

MCDR WEBSITE HITS

Number of Hits vs **Day of Month** (1–31, with Sat/Sun labels)
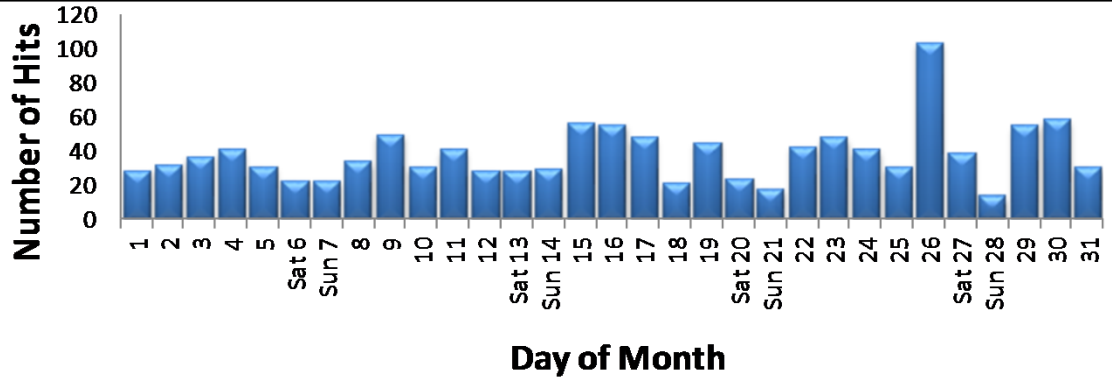
A total of 1194 hits were accrued at http://roads.macombgov.org/.

SERVICE REQUESTS PER MUNICIPALITY

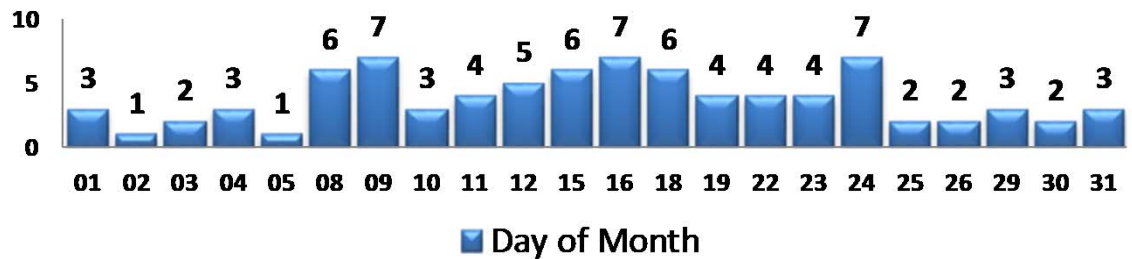| Municipality	Requests
Almont	1
Harrison Twp	1
Romeo	2
Roseville	2
Chesterfield	2
St. Clair Shrs	2
Fraser	3
Shelby Twp	6
Macomb Twp	8
Clinton Twp	9
Warren	17
Sterling Hts	25

MDOT, 19, 24%
MCDR, 59, 76%

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 October, the TOC sent out 85 GovDelivery notifications, and increased the number of recipients from 1,202 to 1,220 receiving notifications.

Note: The chart below only shows data for the days GovDelivery notifications were sent from the TOC.

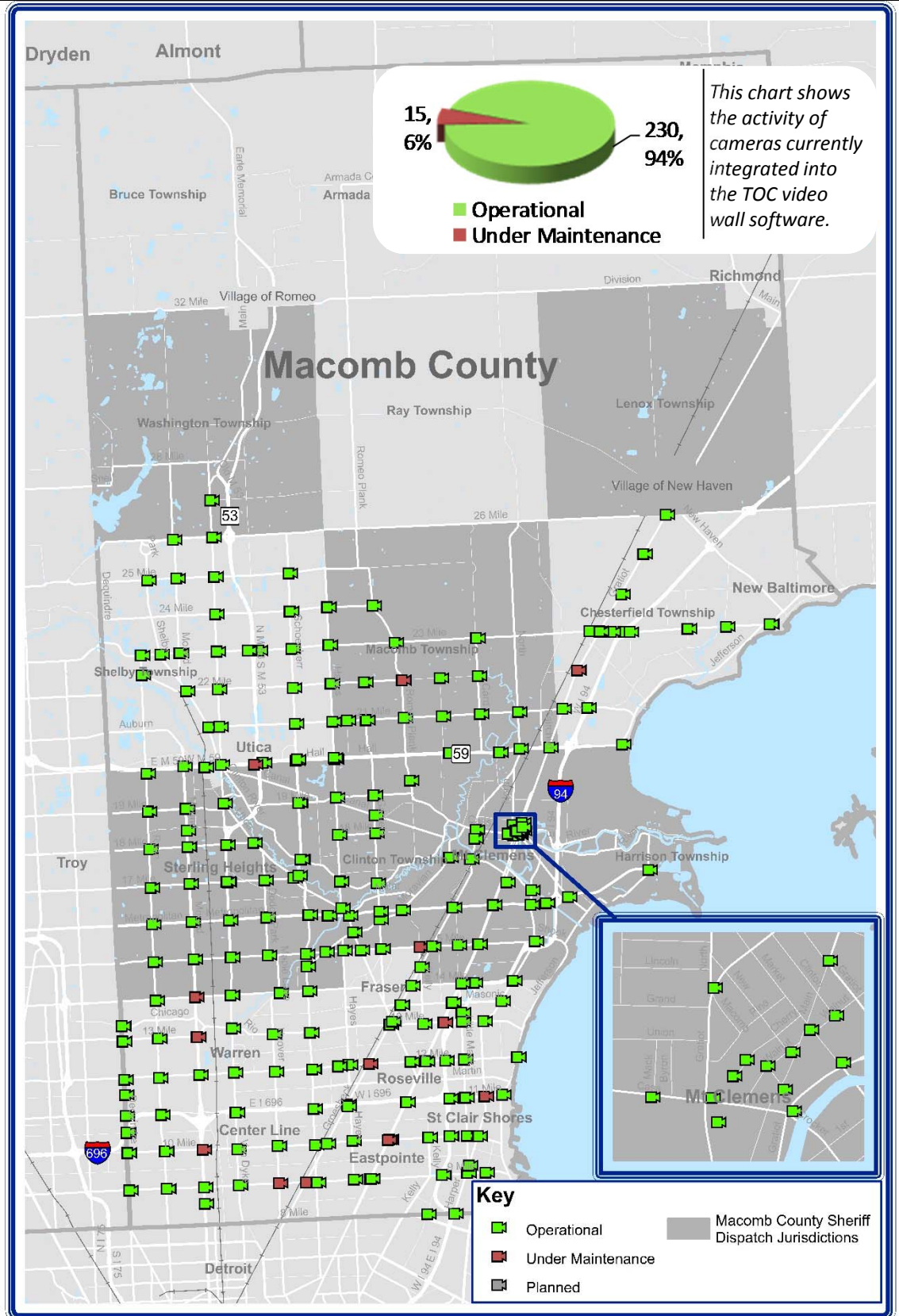| Day of Month	01	02	03	04	05	08	09	10	11	12	15	16	18	19	22	23	24	25	26	29	30	31
Value	3	1	2	3	1	6	7	3	4	5	6	7	6	4	4	4	7	2	2	3	2	3

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.

MOTORIST EXPERIENCE
October 2018

AECOM

CURRENT CAMERA LOCATIONS

CAMERA COVERAGE
October 2018

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

15, 6%

230, 94%

■ Operational
■ Under Maintenance

Key

■ Operational
■ Under Maintenance
■ Planned

Macomb County Sheriff Dispatch Jurisdictions

During the target month, the TOC added 6 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.