



# BOARD OF COMMISSIONERS

1 S. Main St., 9th Floor  
Mount Clemens, Michigan 48043  
586-469-5125 FAX 586-469-5993  
macombcountymi.gov/boardofcommissioners

## TECHNOLOGY AND COMMUNICATIONS COMMITTEE

MONDAY, SEPTEMBER 13, 2010

### AGENDA

1. Call to Order
2. Pledge of Allegiance
3. Adoption of Agenda
4. Approval of Minutes dated August 9, 2010 (previously distributed)
5. Public Participation (five minutes maximum per speaker, or longer at the discretion of the Chairperson related only to issues contained on the agenda)
6. Miscellaneous Department Requests: (mailed)
  - a) Information Technology (1 request)
  - b) Sheriff's Office (3 requests)
  - c) MCCSA (2 requests)
7. Receive and File Wireless Device Purchase Request (mailed)
8. Report from Lobbyist (mailed)
9. New Business
10. Public Participation (five minutes maximum per speaker or longer at the discretion of the Chairperson)
11. Adjournment

**MEMBERS:** Accavitti-Chair, Boyle-Vice Chair, DiMaria, Szczepanski, Duzyj, Bruley, D. Flynn, Mocerri, Sprys and Gielegghem (ex-officio)

## MACOMB COUNTY BOARD OF COMMISSIONERS

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Marin E. Sauer - District 2  
Phillip A. DiMaria - District 3  
Tom Mocerri - District 4  
Susan L. Doherty - District 5

Sue Rocca - District 7  
David Flynn - District 8  
Robert Mijac - District 9  
Ken Lampar - District 10  
Ed Szczepanski - District 11

James L. Carabelli - District 12  
Don Brown - District 13  
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William A. Crouchman - District 23  
Michael A. Boyle - District 24  
Kathy D. Vosburg - District 25  
Jeffery S. Sprys - District 26

RESOLUTION NO. \_\_\_\_\_

FULL BOARD MEETING DATE: \_\_\_\_\_  
AGENDA ITEM: \_\_\_\_\_

6a

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve the purchase of 48 Memory Upgrades, 1 Server, 5 Backup Software Licenses, 230 thin client devices, and 100 monitors at a cost not to exceed \$169,266.00, with funding available in IT Capital Projects Computer Replacement Fund.

INTRODUCED BY: Commissioner Frank Accavitti, Jr., Chair, Technology and Communications Committee

COMMITTEE/MEETING DATE

TAC Committee September 13, 2010

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INFORMATION TECHNOLOGY  
RECOMMENDATION

**REQUESTED BY:** Information Technology Department

**REQUEST:** Forty Eight (48) Memory Upgrades  
One ( 1) 64 bit Server  
Five ( 5) Backup Software Licenses  
Two Hundred Thirty (230) Thin Client Devices  
One Hundred (100) Monitors

**RECOMMENDATION AND COST:**

|                    |                                 |                  |
|--------------------|---------------------------------|------------------|
| Forty Eight        | (48) HP 16 GB Memory            | \$ 1,161.75 ea.  |
| One                | ( 1) HP 64 bit Server           | \$ 30,663.80 ea. |
| Five               | ( 5) HP Data Protector Licenses | \$ 1,807.64 ea.  |
| Two Hundred Thirty | (230) Wyse S-10 Devices         | \$ 260.00 ea.    |
| One Hundred        | (100) 19" Flat Panel Monitors   | \$ 140.00 ea.    |

**TRAINING COST:** None

**INSTALLATION COST:** None

**LEASE AND/OR MAINTENANCE COST:** None

**JUSTIFICATION:**

The board previously approved the migration of county systems to virtual servers and county workstations to thin client. These purchases will allow for the continuation of those efforts which will yield lower energy consumption, maintenance costs, and administration costs while replacing our aging equipment.

RESOLUTION NO. \_\_\_\_\_

FULL BOARD MEETING DATE: \_\_\_\_\_  
AGENDA ITEM: \_\_\_\_\_

6b.

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve the purchase of Four (4) Motorola MW810 Mobile Data Computers for the Sheriff's Office at a cost not to exceed \$20,780.00; funding is provided from the Department of Justice Byrne JAG Grant.

INTRODUCED BY: Commissioner Frank Accavitti, Jr., Chair, Technology and Communications Committee

COMMITTEE/MEETING DATE

TAC Committee September 13, 2010

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**REQUESTED BY:** Sheriff's Office

**REQUEST:** Four (4) Motorola MW810 Mobile Data Computers

**RECOMMENDATION AND COST:**

Four (4) Motorola MW810 Mobile Data Computers \$ 5,195.00 Ea.

**TRAINING COST:** None

**INSTALLATION COST:**

**LEASE AND/OR MAINTENANCE COST:**

**JUSTIFICATION:**

All Sheriff Patrol vehicles are equipped with a Mobile Data Computer (MDC) that provide an array of functionality to the officer on the road. The current hardware in four vehicles, in use since 2004, breaks down frequently and is in need of constant repair. This hardware has exceeded its expected life cycle and needs to be replaced.

6b

RESOLUTION NO. \_\_\_\_\_

FULL BOARD MEETING DATE: \_\_\_\_\_

AGENDA ITEM: \_\_\_\_\_

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve the purchase of equipment to connect the Road Commission to the Macomb County network at a cost not to exceed \$29,345.00; funding available in the E911 Capital Improvement Fund.

INTRODUCED BY: Commissioner Frank Accavitti, Jr., Chair, Technology and Communications Committee

COMMITTEE/MEETING DATE

TAC Committee September 13, 2010

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INFORMATION TECHNOLOGY  
RECOMMENDATION

**REQUESTED BY:** Macomb County Sheriff's Office

**REQUEST:** One (1) Fiber Network Connection  
One (1) Network Switch and Components

**RECOMMENDATION AND COST:**

|                                       |             |
|---------------------------------------|-------------|
| One (1) Fiber Network Connection      | \$16,889.00 |
| One (1) Network Switch and Components | \$12,456.00 |

**TRAINING COST:** None

**INSTALLATION COST:** None

**LEASE AND/OR MAINTENANCE COST:**

**JUSTIFICATION:**

Connecting the Road Commission to the County's fiber network will allow the county to more easily deliver services to that organization when it becomes a county department January 1, 2011. This will also allow the Sheriff's Office to utilize the video created by the Road Commission's network of cameras to improve traffic surveillance, navigation and safety.

RESOLUTION NO. \_\_\_\_\_

FULL BOARD MEETING DATE: \_\_\_\_\_

AGENDA ITEM: \_\_\_\_\_

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve the Sheriff's Office and IT Department to secure bids and purchase a system for the Macomb County Sheriff's Office to monitor and record video streams from the Road Commissions Traffic Camera System at a cost not to exceed \$45,000.00; funding available in the E911 Capital Improvement Fund.

INTRODUCED BY: Commissioner Frank Accavitti, Jr., Chair, Technology and Communications Committee

COMMITTEE/MEETING DATE

TAC Committee September 13, 2010

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# INFORMATION TECHNOLOGY

10 N. Main St., 7th Floor  
Mount Clemens, Michigan 48043  
586-469-0524 FAX 586-469-6547  
macombcountymi.gov

G. Chang  
Director

September 3, 2010

K. Barbieri  
Deputy Director

TO: Commissioner Frank Accavitti, Jr., Chair  
Technology and Communications Committee  
Macomb County Board of Commissioners

FROM: Gilbert Chang, Finance Director/  
Information Technology Director

SUBJECT: Traffic Camera System RFP Issuance and Purchase

## Recommendation

Approve the IT Department and Sheriff's Office to secure bids and purchase equipment to display and record video streams from the Road Commission's Traffic Camera System at a cost not to exceed \$45,000.00. Funding is available in the E911 Capital Improvement Fund.

## Background

Since 2007, the Macomb County Road Commission has placed traffic cameras throughout the County to monitor road conditions and control traffic flow. These cameras send a constant video stream back to the Road Commission Control Center and have quickly proven to prevent and alleviate traffic related issues.

Nearly forty (40) County intersections are now under camera control, with another fifty (50) to be added this year, with a protected total of two hundred fifty (250) when the project is completed. The technology has proven to be stable, scalable and easy to use. A majority of the monies for the project were, or will be, obtained by the Road Commission through State and Federal grants.

The Road Commission is willing to share their video data with Macomb County Law Enforcement, Fire and EMS Agencies. Taking advantage of this collaboration is not only fiscally attractive but greatly enhances services that can be provided to the constituents of Macomb County.

## MACOMB COUNTY BOARD OF COMMISSIONERS

Paul Gielegem  
District 19  
Chair

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District 20  
Vice-Chair

Joan Flynn  
District 6  
Sergeant-At-Arms

Andrey Duzyj - District 1  
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Michael A. Boyle - District 24  
Kady D. Vosburg - District 25  
Jeffery S. Sprys - District 26

**Project Objectives**

It is the intent to go out to bid for a system to display and record video streams from the Road Commission's Traffic Camera System at the Sheriff's Office. Objectives of the project include:

- Enhanced Real-Time Emergency and Crime Scene Management
- Improved en-route navigation for First Responders
- Increased public awareness and deterrent for potential criminal activity
- Improved safety for the public and Law Enforcement Officers
- Increased tool set for follow-up case investigations

**Summary Recommendation**

The Road Commission's camera project was designed for expansion to other Police, Fire and EMS entities within the County. Purchasing the equipment to use these video feeds will leverage their investment to provide greater benefit to those entities and ultimately to the public. Initial research shows that equipment can be secured for no more than \$45,000. The Sheriff's Office and the IT Department recommend that the Board of Commissioners approve the purchase of equipment to display and record video streams from the Road Commission's Traffic Camera System after securing competing bids for this equipment.

RESOLUTION NO. \_\_\_\_\_

FULL BOARD MEETING DATE:  
AGENDA ITEM:

6c

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve the purchase of bar code equipment and services for the Macomb Food Program at a total cost not to exceed \$16,326.00; funding available in the Commodity Distribution grant fund.

INTRODUCED BY: Commissioner Frank Accavitti, Chairperson-Technology and Communication Committee

COMMITTEE/MEETING DATE

TAC September 13, 2010

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**REQUESTED BY:** MCCSA – Macomb County Community Services Agency  
Macomb Food Program

**REQUEST:** Two (2) Intermec CK3 Handheld Computer with EV12 Scanner

**RECOMMENDATION AND COST:**

|  |                |
|--|----------------|
| Two (2) Intermec CK3 Handheld Computer with EV12 Scanner | \$1,995.00 ea. |
| Four (4) Spare Batteries                                 | \$ 150.00 ea.  |
| One (1) Position Battery Charger                         | \$ 300.00 ea.  |
| Four (4) Wireless Access Points (Cisco Access Point)     | \$ 899.00 ea.  |
| One (1) Warehouse Site Survey                            | \$1,500.00 ea. |
| Two (2) Intermec PM4iWireless Label Printers             | \$2,170.00 ea. |

**TRAINING COST:** n/a

**INSTALLATION COST:** Wireless Access Point(s) Installation Services \$2,000.00

**MAINTENANCE COST:** Included

**JUSTIFICATION:**

The bar code equipment and services will work in conjunction with the new integrated food bank management application to automate the receipt and distribution of emergency and The Emergency Food and Assistance Program (TEFAP) product redistribution requirements. Thereby, allowing for efficient inventory control and distribution of emergency and TEFAP food.

RESOLUTION NO. \_\_\_\_\_

FULL BOARD MEETING DATE:  
AGENDA ITEM:

6c

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve the purchase of Integrated Food Bank Management application software for the MCCSA Macomb County Community Services Agency's "The Emergency Food and Assistance Program" (TEFAP) at a total cost not to exceed \$18,725.00; funding available from the Commodity Distribution grant fund.

INTRODUCED BY: Commissioner Frank Accavitti, Chairperson-Technology and Communication Committee

COMMITTEE/MEETING DATE

TAC September 13, 2010

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**REQUESTED BY:** MCCSA – Macomb County Community Services Agency  
The Emergency Food and Assistance Program (TEFAP)

**REQUEST:** One (1) Integrated Food bank Management Software

**RECOMMENDATION AND COST:**

|  |             |
|--|-------------|
| One (1) Integrated Food Bank Management Software | \$ 9,000.00 |
| Bar code software (optional) includes:           | \$ 7,500.00 |
| Core system                                      |             |
| Three (3) con-current user licenses              |             |
| Software installation and configuration          |             |
| Data File Conversion                             |             |
| Eighty (80) hours of Web Based Software Training |             |
| Six (6) month software warranty and support      |             |
| Five (5) 1GB DDR 3 memory                        | \$45 each   |

**TRAINING COST:** Five (5) Days On-site Software Implementation \$2,000.00

**INSTALLATION COST:** Included

**MAINTENANCE COST:** Included

**JUSTIFICATION:**

In order to comply with the contractual expectations of Gleaner's Community Food Bank, Macomb's Food Program must implement an inventory control system. This software will automate the receipt and distribution of emergency and The Emergency Food and Assistance Program (TEFAP) product redistribution requirements. Thereby, allowing for efficient inventory control and distribution of emergency and TEFAP food. This software will be used by the warehouse staff. Their job responsibilities include managing inventory, food order placement and distribution.

# **RECYCLABLE PAPER**

RESOLUTION NO. \_\_\_\_\_

FULL BOARD MEETING DATE: \_\_\_\_\_ 7  
AGENDA ITEM: \_\_\_\_\_

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and file wireless device purchase request.

INTRODUCED BY: Commissioner Frank Accavitti, Jr., Chair, Technology and Communications  
Committee

COMMITTEE/MEETING DATE

TAC September 13, 2010

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**INFORMATION TECHNOLOGY  
WIRELESS EQUIPMENT REQUEST**

**INSTRUCTIONS: ONE FORM TO BE COMPLETED PER EACH PIECE OF EQUIPMENT, i.e.  
CELL PHONE, BLACKBERRY, AIR CARD**

Steve Reibel

Name of individual to whom the wireless device will be issued: Steve Reibel

Department: Prosecutor's Office Equipment requested: Upgrade to Blackberry Service (CURVE)

In June of 2000, the Macomb County Board of Commissioners adopted the "Cell Phone and Mobile Two-Way Communication Policy". This Policy specified acceptable criteria for acquisition and use of these devices.

**CHECK BELOW APPLICABLE CRITERIA:**

- 1. Safety and welfare of employees and citizens
- 2. Emergency response
- 3. Efficiency of operations
- 4. Cost effective over use of employee's private cellular phone

Equipment purchase cost: \$ 0.00

Requesting Department's purchase funding source: 335 - 22930 - 92110

Monthly service charge: \$ \$35.00

Requesting Department's Monthly service funding source: 335 - 22930 - 92110

**NOTE: FUNDING SOURCE MUST BE SUSTAINABLE ON AN ONGOING BASIS FOR MONTHLY SERVICE CHARGES; OTHERWISE, SERVICE WILL BE AUTOMATICALLY DISCONNECTED.**

Authorized department requestor Shelly Gilray *Shelly Gilray*  
Print name Signature

Finance Budget verified *Daniel Hittler* 8/9/10  
Finance Signature

TAC MEETING DATE: Sept. 13, 2010

Submitted by: *Gilbert Chang*  
Information Technology Director

# **RECYCLABLE PAPER**

RESOLUTION NO. \_\_\_\_\_

FULL BOARD MEETING DATE: \_\_\_\_\_

AGENDA ITEM: \_\_\_\_\_

**MACOMB COUNTY, MICHIGAN**

**RESOLUTION TO** receive and file the report from the Lobbyist

**INTRODUCED BY:** Commissioner Frank Accavitti, Jr., Chair, Technology and Communications Committee

**COMMITTEE/MEETING DATE**

Technology and Communications **9-13-10**

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Governmental Consultant Services, Inc.  
120 N. Washington Square, Lansing, Michigan 48933  
Phone: 517-484-6216 Fax: 517-484-0140

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## MEMORANDUM

TO: Commissioner Frank Accavitti  
FROM: Erik Hingst  
DATE: September 2, 2010  
RE: Technology and Commnnications Committee Monthly Report

### **State Budget:**

As we reported last month: "With a current year budget shortfall of \$303 million, the most likely scenario is for the legislature to "claw back" the \$93.4 million available for the FY 11 budget and combine that with roughly \$208 million of the available SAF surplus to close the current year gap."

This is precisely the avenue the House of Representatives utilized to balance the current year budget shortfall. Specifically, House Bill 6086 was sent to the Senate to shift \$208 million from the School Aid Fund (SAF) to the General Fund. Technically, the money will be utilized to cover community college expenditures for the remainder of the fiscal year. The Senate is expected to take action on the bill next week.

The final "target agreement" meetings between the Administration and Legislative Leadership teams are underway. Based on the information we have been able to secure, we do believe a final target for the FY 2011 budget will be reached. As such, the Conference Committee process to finalize individual departmental budgets could begin as soon as the legislature returns after Labor Day.

To date, some of the basics of the agreement will include a combination of additional spending cuts including a 3 percent administrative reduction for all state agencies, \$50 million cuts in the Departments of Community Health, Human Services and Corrections, and restructuring of the state's long-term debt obligations. The deal also appears to include some one-time, "non-tax revenue" to address some of the shortfall from increased spending pressures.

While the changes to the liquor regulation and distribution system the Governor had proposed to generate \$75 million appears to be off the table, the concept of once again looking at "Sunday Sales" and/or late night (4 a.m.) sales of alcohol appear to be gaining some traction. The Governor's concepts of providing a tax amnesty period for Michigan taxpayers and a reform of the state's abandoned property laws do appear to have legislative support and should help to generate approximately \$230 million for the FY 2011 budget.

### **Macomb Trail:**

We continue our efforts with Mr. Crumm and Commissioner Bruley on the trail and are targeting the October 6<sup>th</sup> meeting of the Michigan Natural Resources Trust Fund Board to officially present the project. We will continue working closely with Commissioner Bruley and Mr. Crumm on the grant application.

### **Technical Change to Public Act 51:**

As a result of the tremendous success we had with Public Act 39 of 2009, which allowed for the dissolution of the county road commission through voter approval on the ballot for the Charter County, a separate issue has been brought to our attention. Public Act 51 of 1951, which provides for the responsibilities and duties of all road funding throughout the state, will need a technical change to reflect the changes in PA 39 of 2009. The simple matter is PA 51 was designed to address a "charter county with a population of 2,000,000 or more" for Wayne County. As such, we will have to make a technical change to reduce the population threshold to reflect the population in Macomb County. We hope to have legislation introduced in the House of Representatives as soon as the legislature returns after Labor Day and look forward to having the entire Macomb County delegation co-sponsor the legislation.

### **County Road Funding:**

Senate Bill 1252 was introduced to allow Mackinac County to continue a local road program in a very rural section of that county. The program, allowed the county, the rural township, and the county road commission to each contribute one-third of the total funding for the road project and allowed the transfer of a surplus from the county's general fund to its road fund, provided the funds were not raised through real or personal property taxes. The bill would allow the "Mackinac County arrangement" to continue and provide the same option throughout the State. Considering the difficult economic times Macomb County and other counties throughout the state are facing, having some additional flexibility on how the county allocates funds for road projects may indeed be welcomed. We will continue to work with the bill sponsor and see that the legislation remains as broad as possible to allow the county as much flexibility as possible in meeting the challenges the county faces for road funding.

As always, please do not hesitate to contact me directly if you have questions or concerns.