

**RESOLUTION  
ROCK COUNTY BOARD OF SUPERVISORS**

Public Safety & Justice  
INITIATED BY



David Sleeter  
DRAFTED BY

Public Safety & Justice  
SUBMITTED BY

March 19, 2010  
DATE DRAFTED

**ESTABLISHMENT OF A MOBILE DATA TRANSMITTER SITE**

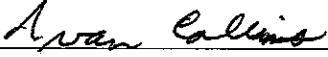
- 1 **WHEREAS**, the Rock County Communications Center is responsible for the operation of the
- 2 public safety mobile data radio infrastructure within Rock County; and,
- 3
- 4 **WHEREAS**, the Communications Center, through its public safety work groups, has identified
- 5 operational limitations within the public safety mobile data radio infrastructure; and,
- 6
- 7 **WHEREAS**, the limitations involve the ability of public safety agencies to effectively
- 8 communicate with mobile data radios in the northeast portion of Rock County; and,
- 9
- 10 **WHEREAS**, radio propagation research and past experience has shown that the establishment
- 11 of a mobile data radio transmitter site in the northeast portion of the County would enable the
- 12 public safety agencies to better communicate via mobile data laptop computers; and,
- 13
- 14 **WHEREAS**, the best alternative for the establishment of a northeast Rock County public safety
- 15 mobile data radio transmitter site would be to locate mobile data radio transmitter equipment at
- 16 an existing receiver site in the City of Milton; and,
- 17
- 18 **WHEREAS**, the current mobile data radio communications system was installed, and is
- 19 maintained, by General Communications, Inc., of Madison, Wisconsin; and,
- 20
- 21 **WHEREAS**, the cost of implementing and integrating a mobile data radio transmitter into the
- 22 current system would be \$17,100; and,
- 23
- 24 **WHEREAS**, the funding necessary to fully implement a public safety radio transmitter at the
- 25 existing Milton receiver site is currently available in the 2010 Rock County budget.
- 26
- 27 **NOW, THEREFORE, BE IT RESOLVED** by the Rock County Board of Supervisors duly
- 28 assembled this \_\_\_\_\_ day of \_\_\_\_\_, 2010 that a contract be awarded to General
- 29 Communications, Inc., Madison, Wisconsin in the amount of \$17,100, with the County Board
- 30 Chair herein authorized to execute the purchase agreement.
- 31

10-4A-533

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Respectfully submitted,

**Public Safety and Justice**

Ivan Collins, Chair



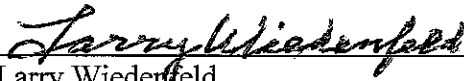
Brian Knudson, Vice Chair



Mary Beaver



Hank Brill



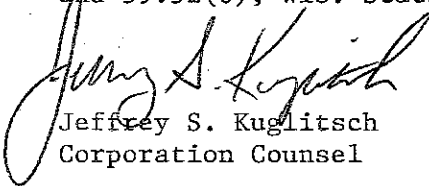
Larry Wiedenfeld

**FISCAL NOTE:**

\$384,500 is included in 911 Capital Projects A/C 23-2415-0000-67171 including \$32,000 for the new mobile data transmission site in Milton. This project is to be funded by debt proceeds. It is anticipated the County will issue debt on or about June 1, 2010.

Jeffrey A. Smith  
Finance Director**LEGAL NOTE:**

The County Board is authorized to take this action pursuant to secs. 59.01 and 59.52(6), Wis. Stats.

Jeffrey S. Kuglitsch  
Corporation Counsel**ADMINISTRATIVE NOTE:**

Recommended

Craig Knutson  
County Administrator

## EXECUTIVE SUMMARY

The Rock County Communications Center has operated and maintained a mobile data system for all County law enforcement agencies since 2003. Within the last year, fifty-seven fire/EMS mobile data units were added to this same public safety mobile data system. The system provides laptop computer communications via an 800 MHz radio frequency in most areas of the County.

Over the last 3-4 years it has been documented repeatedly that mobile data radio coverage in the northeast portion of the County is not adequate. Research and experience has shown that placing an additional mobile data transmitter at a location in the northeast portion of the County would correct the current radio coverage issues of the system in this area of the County.

Rock County currently utilizes a City of Milton water tower location for a voice radio communications receiver site. This site would also provide a good solution for the mobile data radio coverage issues in the northeast portion of the County.

The current public safety mobile data radio system was installed, and is maintained, by General Communications, Inc., of Madison, Wisconsin. The cost of implementing a mobile data transmitter site at the City of Milton receiver site, and then integrating this transmitter into the existing mobile data system would be \$17,100.

The necessary funding to cover the cost of implementing the Milton mobile data radio transmitter equipment is currently available in the 2010 Rock County budget.