

★ Roll Call Number  
05-1082

Agenda Item Number  
IV -A

Date May 2, 2005

**A Joint Resolution between the City of Des Moines and the County of Polk to Provide Enhanced Network Connectivity to three Polk County Buildings**

**WHEREAS**, Polk County and the City of Des Moines are collaborating to provide enhanced network connectivity to the North Side Senior Center, Second & Euclid, Park Fair Mall, Polk County Public Works, 5885 N.E. 14<sup>th</sup> St and the Northwest Community Center, 5110 Franklin Ave., and;

**WHEREAS**, The City of Des Moines will provide infrastructure and fiber connectivity for the identified County facilities by use of the Metro Area Network, and;

**WHEREAS**, Polk County will contribute all identified project costs associated with the collaboration in order to achieve significant long-term savings associated with the elimination of network infrastructure and line leasing, and;

**NOW, THEREFORE, BE IT HEREBY RESOLVED** that the Polk County Board of Supervisors and the Des Moines City Council approves and authorizes the collaboration on these projects. Polk County and City of Des Moines staffs are encouraged to pursue the implementation of these initiatives as soon as possible.

**BE IT FURTHER RESOLVED** that City and County staff are directed to continue to pursue possible collaboration and savings initiatives where possible.

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Moved by Brownell for the County and seconded by Mauro for the County, and Moved by Brooks for the City that this Resolution be adopted:

POLK COUNTY BOARD OF SUPERVISORS

DES MOINES CITY COUNCIL

Tom Hockensmith  
Tom Hockensmith, Chairman

T.M. Franklin Cownie  
T.M. Franklin Cownie, Mayor

APPROVED AS TO FORM:

Bruce Bergman  
Bruce Bergman  
City Attorney

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT	ROLL CALL FOR ALLOWANCE		CERTIFICATE
					MAY 2, 2005		
COWNIE	✓				E.J. Giovannetti	Yes ✓ Nay	
BROOKS	✓				Robert Brownell	Yes ✓ Nay	
COLEMAN	✓				John F. Mauro	Yes ✓ Nay	
HENSLEY	✓				Angela Connolly	Yes ✓ Nay	
KIERNAN	✓				Tom Hockensmith	Yes ✓ Nay	
MAHAFFEY	✓				Yea <u>5</u> Nay <u>0</u>		
VLASSIS	✓				Above tabulation made by <u>BD</u>		
TOTAL	<u>7</u>						
MOTION CARRIED	APPROVED				ALLOWED BY ABOVE VOTE OF BOARD <u>Tom Hockensmith</u> CHAIRPERSON		<u>Diane Rauh</u> City Clerk

## **City of Des Moines/Polk County Potential Cooperative Network Connectivity Projects**

The following three network connectivity projects are listed in order of their preliminary priority based on cost justification, logistic availability and performance benefits. Polk County IT and City of Des Moines IT will continue to look at opportunities to collaborate on similar project in the future and this list should be viewed as our best present scenarios.

All listed projects are contained in the master Polk County IT project list. It is assumed that Polk County would need to provide funding for the projects as they will be utilizing existing City of Des Moines infrastructure to provide long term savings for Polk County.

1.) **North Side Senior Center**, Second & Euclid, Park Fair Mall  
Currently, Polk County provides a leased 56K line at \$80/month.  
Des Moines has a Metro Area Network presence in the facility.  
This project could be completed for under \$1000.

2.) **Polk County Public Works**, 5885 N.E. 14<sup>th</sup> St  
Currently Polk County provides a leased T-1 line at \$360/month.  
Des Moines has a Metro Area Network presence at the Polk County Communication Center at 6023 N.E. 14th.  
This project would cost an estimated \$22,000 for traditional fiber connectivity. There are additional intangible savings associated with this connectivity. Notably, Public Works currently houses a full copy of the aerial photography that is also maintained in the Polk County Assessor's office. The fiber connectivity will provide the needed bandwidth to access the images from downtown, eliminating the need for disc space and maintenance costs associated with housing a copy of the aerial photography.

3.) **Northwest Community Center**, 5110 Franklin Ave  
Currently, Polk County provides a leased T-1 line at \$360/month.  
Des Moines has a Metro Area Network presence in the Franklin Avenue Library, which is next door to the Community Center.  
This project would cost an estimated \$15,000 for traditional fiber connectivity. There is also an opportunity to pursue a wireless solution providing point-to-point connectivity and fiber extension. This solution may cost less than the traditional fiber connectivity. More discussions between the City and County are ongoing in order to identify requirements.