

## IOWA TELECOMMUNICATIONS & TECHNOLOGY COMMISSION

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December 27, 2007

# Memorandum

**TO:** Members of the Capital Projects Committee of the Legislative Council  
Members of the Transportation, Infrastructure, and Capitals Appropriations Subcommittee  
Dave Reynolds, Legislative Services Agency (LSA)  
Jennifer Acton, Legislative Services Agency (LSA)  
Dave Fardal, Department of Management (DOM)  
Lee Hill, Department of Management

**FR:** John Gillispie, Executive Director

**RE:** Infrastructure Project Status

This status report is being submitted to meet the requirement in House File 2782 for agencies receiving funding from the Technology Reinvestment Fund to report the status of their funded projects by January 1, 2007.

The ICN received an appropriation of \$1,997,500, to replace and upgrade equipment that is reaching its end of functional life. Following is a list of the equipment being replaced or upgraded.

- **Voice (Local Telephone System) equipment serving state agencies in the capitol complex.** The manufacturer no longer supports the equipment and third-party refurbished replacement parts are becoming scarce. So far, the ICN has not experienced large outages. (Second part of three-year project)
- **Customer site field router that directs voice, video, and data traffic to the network.** Replacement of approximately 14% of the current field routers. Besides the age induced risk factor, newer equipment maximizes the number of circuits routed and ensures industry compatible capabilities are available to ICN users.
- **Backbone video transmission equipment that was intended for use on the original network architecture.** The manufacturer no longer supports the equipment, increasing the potential for numerous video classroom and other service failures. The new equipment will provide an additional cost effective option for schools, government agencies, and other ICN users to connect. (Continuation of equipment replacement begun in FY 2006)
- **Internet Protocol Technology Equipment.** Many ICN users video are moving to Internet Protocol (IP) technology. More simultaneous and better quality Video over IP conferences would be available than are currently supported. The current equipment will be reassigned to meet other IP bandwidth requirements.
- **Update of equipment and software for video scheduling.** To ensure each video session comes up as scheduled, several replacement servers (computers) are required. Updated software is required for seamless management and coordination between the current and future technologies.

To date, \$628,414 of the appropriation has been expended and another \$415,060 has been obligated. All of the subprojects are scheduled to be finished by the end of the fiscal year and are in some stage of completion. The funding source for the projects is the appropriation, with the ICN paying for any costs exceeding the appropriation from the Iowa Communications Network Fund. See the attached worksheet for details.

Please contact Tami Fujinaka, Government Relations Manager if you require additional information.  
(tami.fujinaka@iowa.com or 515-725-4658)

Iowa Communications Network  
**Technology Reinvestment Fund Appropriation Status**  
 December 27, 2006

Equipment Type	Status of Subproject	Estimated Cost	Revenue Sources	Amount of Funds Expended	Estimated Completion Date
Voice (Local Telephone System) equipment serving state agencies in the capitol complex	Equipment ordered, most received.	\$900,000	Technology Reinvestment Fund Appropriation	\$628,414 With the remainder of the costs obligated	4/30/2007
Customer site field router that directs voice, video, and data traffic to the network.	Related to IP equipment category below. Locations requiring routers will be dependent upon IP equipment purchased under that RFP.	\$160,000	Technology Reinvestment Fund Appropriation	0	4/30/2007
Backbone video transmission equipment that was intended for use on the original network architecture.	Pending release of OC-48 from vendor. Expected release is 2/07.	\$100,000	Technology Reinvestment Fund Appropriation	0	5/31/2007
Internet Protocol Technology Equipment.	RFP released and equipment currently being evaluated for compatibility with existing ICN equipment.	\$800,000	Technology Reinvestment Fund Appropriation	\$109,374 obligated	6/30/2007
Update of equipment and softwars for video scheduling.	Contract is completed, work is in progress.	\$37,500	Technology Reinvestment Fund Appropriation	\$34,100 obligated	3/31/2007
<b>Total Appropriation</b>		<b>\$1,997,500</b>			