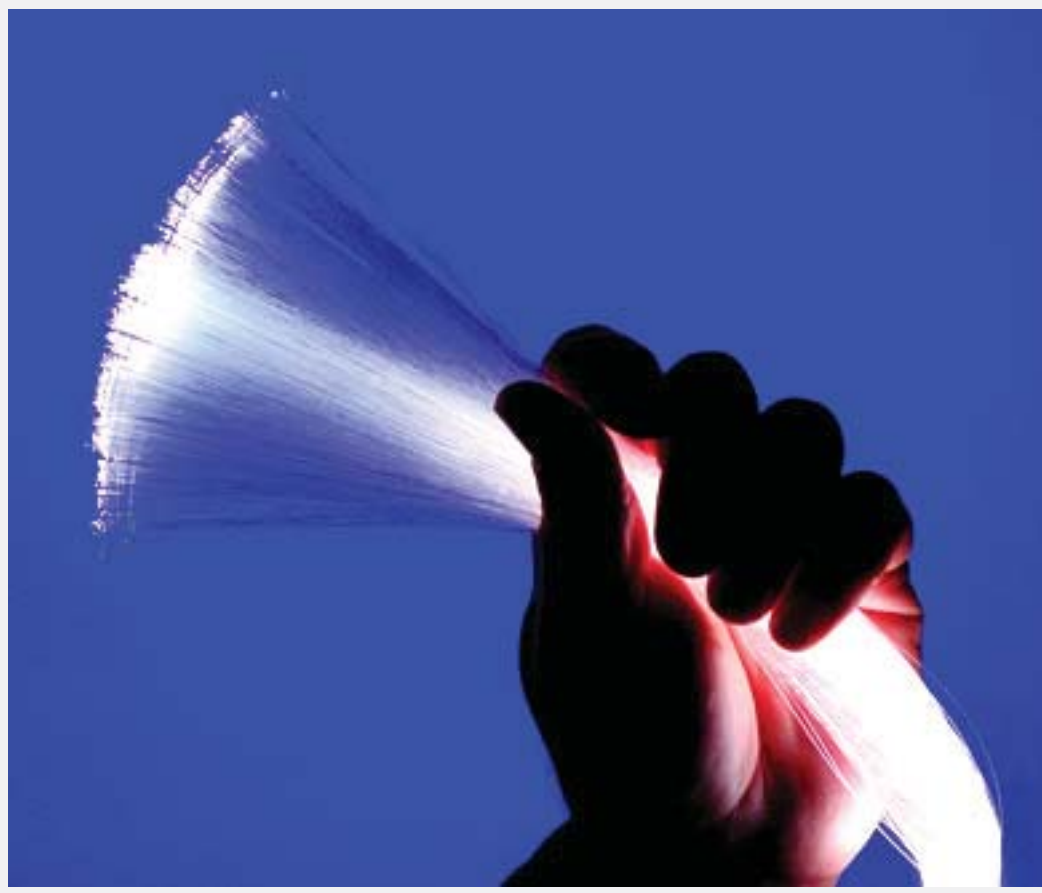


# Osceola

## digital revolution



### Infrastructure

#### Fiber Optics Backbone:

Extremely high levels of bandwidth, network expandability and data integrity, that can span distances of up to 6,560 feet without signal degradation.

#### Common uses:

- Long hauls of 1,000 feet or more between buildings or LANs.
- High-bandwidth applications (streaming audio or video)

Satellite education campus.  
Business environments.  
Government buildings.  
Emergency Services.



### Shared Community Business Center

Share office facilities to reduce overhead or to provide a foundation for an upstarting new business. An alternative to working from home, many small companies utilize shared office space to manage monthly overhead.

Reception and secretarial services can be provided, high-speed photocopying, parcel shipping and receiving, and boardroom facilities.

Provide opportunities for future business leaders.

### Shared Work Program/Remote Work

The Shared Work Unemployment Compensation Program is an alternative to layoffs for employers faced with a reduction in available work.

It allows an employer to divide the available work among a specified group of affected employees instead of a layoff.

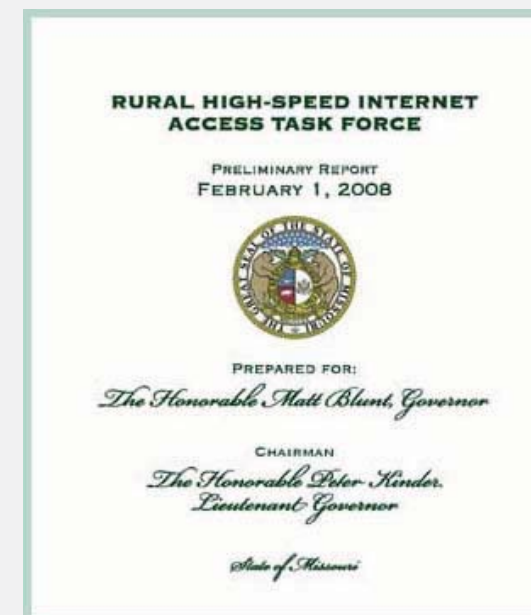
These employees receive a portion of their unemployment benefits while working reduced hours.

### Stimulus Funding for High-Speed Connectivity

Missouri entities now have been allotted about \$275 million of federal stimulus funds for high-speed Internet.

Show-Me Technologies, of Marshfield, will receive nearly \$27 million from the U.S. Commerce Department to expand broadband Internet service.

Cass County will get more than \$26 million from the U.S. Agriculture Department to build a broadband network. And the Missouri Department of Higher Education will receive nearly \$5 million from the federal Commerce Department to expand a network of public computer centers across the state.



### Key Points

•The fiber optics backbone is an under-utilized resource with many opportunities.

•Similar to "time-share" programs, the shared-business community center provides an office center complete with equipment and staff as a base for small businesses.

•The Shared-Work program provides opportunities for the employer to retain valuable human resources while the employee gains flexibility in schedule.

•The Remote Work programs minimize the commute and leverages the use of technology.

### Digital Library

Convert historical materials to digital format.

Photographs, newspapers, audio, video, manuscript and other materials into electronic format.

Documents can be made accessible to the internet.

Requires specific attention to the preservation of documents as well as the process of making them internet accessible.

#### Access & Preservation:

"To digitize a document is different than preserving it, the goal of preservation being to provide access to an original item. Digitization complements preservation by protecting the original and providing far superior access."

- Out-Sourced or In-House
- Publish on the web or on CD-ROM.
- Grants are available to fund projects.
- Can provide experience for volunteers interested in gaining technical web-development skills.



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together on a single website rare and unique documents - books, journals, manuscripts, maps, prints and photographs, films, and sound recordings - that tell a story of the world's cultures. The site is intended for general users, students, teachers, and scholars.

