Board of Supervisors
Linn County, Iowa

Lu Barron - District 1
Linda Langston - District 2
Ben Rogers - District 3
Brent Oleson - District 4
James M. Houser - District 5

Administrative Office Building
930 First Street Southwest
Cedar Rapids, Iowa 52404-2161

August 3, 2009

To Whom It May Concern:

Please consider that, for the Joint Communications Network, there will be no above-ground infrastructure; all building for this project will be fiber optic cable placed in the ground. All other infrastructure for this project will include hardware and software that will allow for the three partners in the project to have reliable and redundant communications. Therefore, there are no building codes that must be adhered to.

Sincerely,

Phil Lowder

Phil Lowder
Information Technology Director
Linn County

www.linncounty.org
lu.barron@linncounty.org • linda.langston@linncounty.org • ben.rogers@linncounty.org
brent.oleson@linncounty.org • james.houser@linncounty.org
phone 319.892.5000 • fax 319.892.5009

City of Cedar Rapids, Linn County and Cedar Rapids Community Schools Joint Communication Network ("JCN")

<u>Multi-Year Two Phase Project</u>

Phase I

- Completed 2007
- 4 miles of fiber in Downtown Corridor

Phase II

- 5 Year Plan
- Total Cost 11.2M

ISAC Excellence in Action Award

- Outstanding Inter-governmental Excellence

NACO Achievement Award 2008

National Association of Counties

2008 Achievement Award Winner

This Award is Presented to

Linn County, IA

for
its program

Joint Communication Network Optic Project

in recognition of an effective and innovative program which contributes to and enhances county government in the United States.

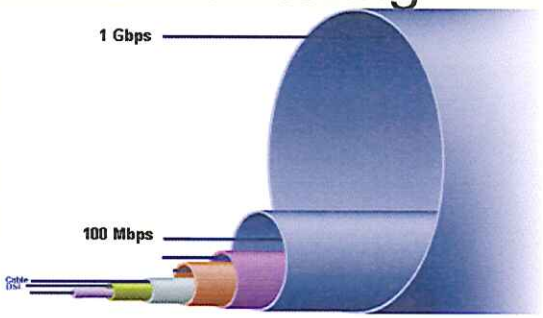
Eric Coleman, President

Larry E. Naake, Executive Director

NACO National Association of Counties
The Voice of America's Counties

Initial Problem

- 30 year old traffic light control system
- Outdated data network(s) built in 1996-1997
  - Impacts productivity
  - Restricts access to more efficient tools.
- Internet and network based applications continue to increase demands for bandwidth.
  - State and local data systems and reporting
  - Telecommunications
  - Video – security, conferencing, training, traffic monitoring
  - Geographic Information Systems (GIS)

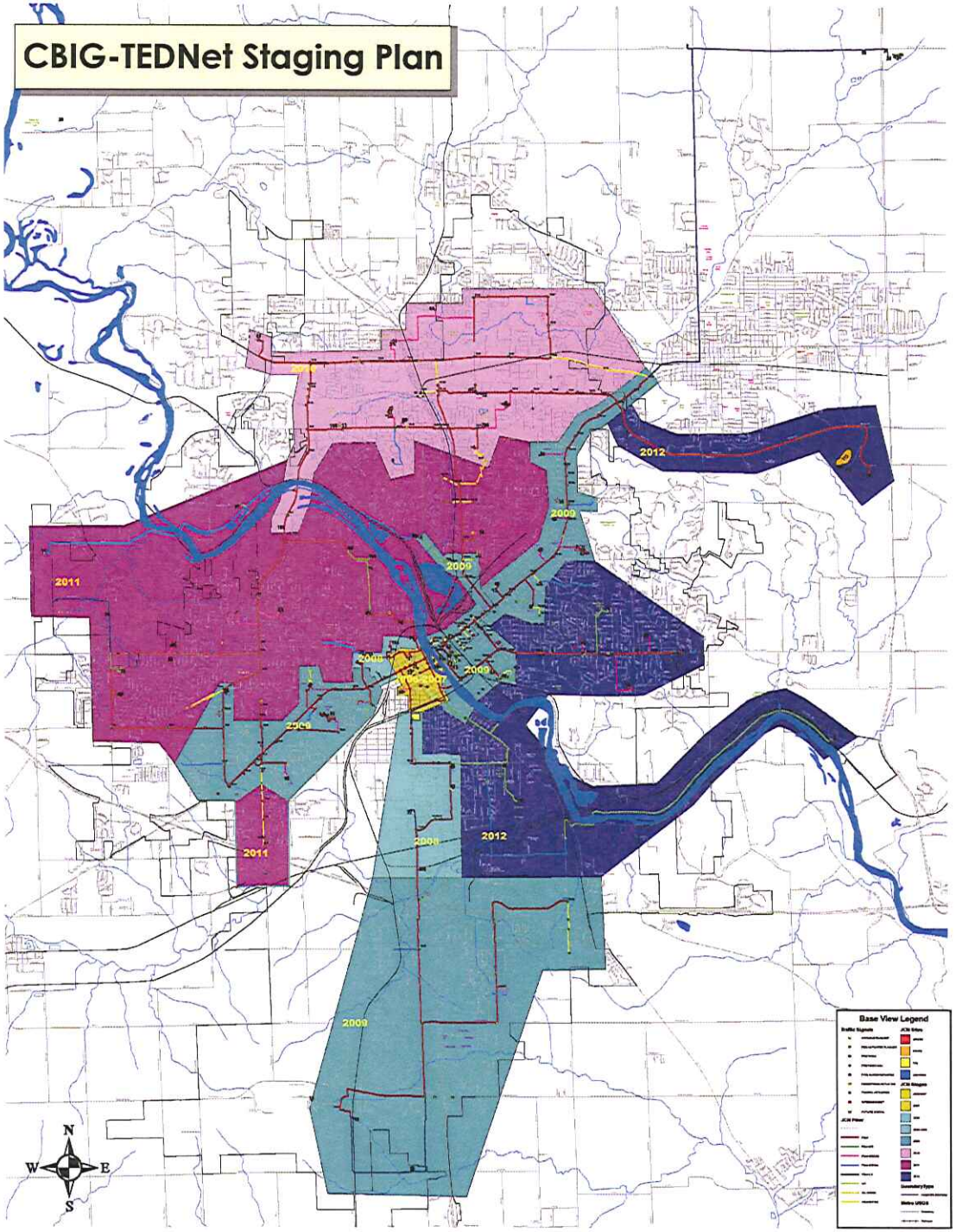


Phase I - Project Locations

Project lead by CR Traffic Engineering

- City
  - Public Works
  - Central Fire Station
  - City Hall
  - Police Department
  - Transit Maintenance Facility
  - Multiple traffic signals
- County
  - Administrative Office Building
  - Sheriff's Office
  - Courthouse
  - Correctional Center
  - Veteran Affairs
- Schools
  - Educational Services Center
  - Taylor Elementary

- Project completion: May 2007
- Fiber network in use: July 2007

Phase II:

- 5 year plan
- 157 Sites
- 239 Traffic Signal Intersections