HENDERSON



PARTNERSHIP FOR ECONOMIC DEVELOPMENT

## WESTERN NORTH CAROLINA

March 18, 2010

Mr. Joseph A. Freddoso MCNC 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe:

Please consider this letter our endorsement of the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute) and ERC Broadband.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Henderson County is a significant one. Through MCNC and ERC Broadband, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County and region. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC, the Kenan Institute, and ERC Broadband are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Henderson County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Henderson County. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolína Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute, MCNC, and ERC Broadband.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely

Andrew T. Tate President & CEO

330 North King Street, Hendersonville, NC 28792 828-692-6373 • www.strategiclocation.org • FAX 828-692-6658

# **Henderson County**



1 HISTORIC COURTHOUSE SQUARE, SUITE 2 • Hendersonville, NC 28792 Phone (828) 698-5000 • Fax (828) 698-6014 • www.hendersoncountync.org

> Steve Wyatt County Manager

Selena Coffey Assistant County Manager

March 16, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Mr. Freddoso

I am pleased to represent Henderson County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Kenan Institute. Further, we are pleased to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Henderson County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Henderson County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC. Thank you for your consideration. We wish you great success with this important application.

Sincerely vatt.

County Manager, Henderson County

### Resolution

## Broadband Access in Un-served and Underserved Areas within North Carolina Counties

WHEREAS, broadband networks provide solutions to critical educational, public safety and social challenges, and will provide economically disadvantaged communities access to vital quality of life opportunities; and

WHEREAS, the American Recovery and Reinvestment Act, through National Telecommunications and Information Administration's (NTIA) Comprehensive Community Infrastructure Program, provides ample funding for such pro-broadband deployment programs as middle mile connectivity, and creates additional demands for broadband technologies through the establishment of public computing centers which foster community education and access, both critical for strengthening North Carolina communities; and

WHEREAS, local governments seek to provide their communities with the capacity for high-quality and affordable communications services in order to enhance economic development, increase educational opportunities, and improve governmental transparency and accountability; and

WHEREAS, Hertford County recognizes that expanding broadband access and services in un-served and underserved areas will stimulate new services offerings such as digital literacy, digital community engagement and distance education offerings; and

WHEREAS, Hertford County seeks to ensure that our community is prepared to meet the technological challenges, by supporting the development and implementations of public-private broadband deployment partnerships, regardless of geography, socio-economic status, age, and physical ability; and

Now, therefore, **BE** IT **RESOLVED** that Hertford applauds and supports the North Carolina Rural Broadband Initiative, led by MCNC, for its efforts to recognize the importance of ensuring availability of broadband infrastructure and promoting adoption and usage of broadband applications, products, services, in the un-served and underserved counties in North Carolina; and

**BE IT FURTHER RESOLVED** that the Hertford County Board of Commissioners requests the NTIA strongly consider the North Carolina Rural Broadband Initiative as its highest priority for the state of North Carolina and its un-served and underserved communities.

Adopted this the 1<sup>st</sup> day of March 2010.

HERTFORD COUNTY BOARD OF COMMISSIONERS

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Johnnie R. Farmer, Chairman

ATTESJ aturia m.

Patricia M. Weaver, Clerk to the Board



**Hertford County** 

P.O. Box 116 Winton, NC 27986

March 1, 2010

Mr. Joseph A. Freddoso President/CEO MCNC 3021 Cornwallis Road Box 12889 Research Triangle Park, NC 27709

Dear Mr. Freddoso:

On behalf of the Hertford County Board of Commissioners, we are pleased to endorse the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute). I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Hertford County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Hertford County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

TELEPHONE 252-358-7805 Mr. Joseph A. Freddoso March 1, 2010 Page 2

This initiative is particularly important to Hertford County. Our local poverty rate stands at 18.3%. Our personal income is 62% of the national average. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely,

Willion

Loria D. Williams Hertford County Manager

### Res No. 2010-03-02

## RESOLUTION OF THE HYDE COUNTY BOARD OF COMMISSIONERS IN SUPPORT OF BROADBAND ACCESS IN UNSERVED AND UNDERSERVED AREAS WITHIN NORTH CAROLINA COUNTIES

To promote a focus on deployment, adoption, and usage of broadband applications in unserved and underserved areas within North Carolina counties.

WHEREAS, broadband networks provide solutions to critical educational, public safety and social challenges, and will provide economically disadvantaged communities access to vital quality of life opportunities; and

WHEREAS, the American Recovery and Reinvestment Act, through National Telecommunications and Information Administration's (NTIA) Comprehensive Community Infrastructure Program, provides ample funding for such pro-broadband deployment programs as middle mile connectivity, and creates additional demands for broadband technologies through the establishment of public computing centers which foster community education and access, both critical for strengthening the North Carolina communities; and

WHEREAS, local governments seek to provide their communities with the capacity for highquality and affordable communications services in order to enhance economic development, increase educational opportunities, and improve governmental transparency and accountability; and

WHEREAS, Hyde recognizes that expanding broadband access and services in unserved and underserved areas will stimulate new services offerings such as digital literacy, digital community engagement and distance education offerings; and

WHEREAS, Hyde seeks to ensure that our community is prepared to meet the technological challenges, by supporting the development and implementation of public-private broadband deployment partnerships, regardless of geography, socio-economic status, age, and physical ability; and

Now, therefore, **BE IT RESOLVED**, that Hyde applauds and supports the North Carolina Rural Broadband Initiative, led by MCNC, for its efforts to recognize the importance of ensuring availability of broadband infrastructure and promoting adoption and usage of broadband applications, products, services, in the unserved and underserved counties in North Carolina; and

**BE IT FINALLY RESOLVED** that Hyde that the said Board of Commissioners requests the NTIA strongly consider the North Carolina Rural Broadband Initiative as the highest priority for the state of North Carolina and its unserved and underserved communities.

ADOPTED, this the 15<sup>th</sup> day of February, 2010.

By:

Tom Davis, Chairman Hyde County Board of Commissioners

Attest:

Lois Stotesberry, Clerk to Board

## **CERTIFICATION**

This is to certify that the above is a true and exact copy of a resolution adopted by the County Board of Commissioners at the regular meeting held in the Hyde County Government Center on Monday, March 15, 2010. The same appears in Minute Book No. <u>18</u> at page \_\_\_\_\_.

:

## Signature:

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Stesberry

Clerk to the Board of Commissioners of Hyde County

Board of Commissioners Tom Davis, Chair Barry Swindell, Vice-chair Gene Baltance Anson Byrd Sharon Spencer 30 Oyster Creek Road PO Box 188 SWAN QUARTER, NORTH CAROLINA 27885 252-926-4400 252-926-3701 Fax

OUNTY OF HYDE



Carl Classen County Manager

Sid Hassell County Attorney

Lois Stotesberry Executive Assistant to Manager Clerk to the Board

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road

February 26, 2010

RTP, NC 27709

Box 12889

Dear Joe,

I am pleased to represent the citizens of Hyde County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Hyde County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Hyde County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Hyde County. Our unemployment rate stands at 15.9% well above the state and national average. Our personal income is 39 % of the national average. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely,

) an 1 1 m

Tom Davis, Chairman Hyde County Board of Commissioners

attachments - (a) NCRBI Broadband Development - February 24, 2010 (b) NCRBI Factsheet - February 18, 2010

cc (w/attachments): Commissioners

# OFFICE OF COMMISSIONERS OF JACKSON COUNTY

#### BOARD OF COMMISSIONERS

BRIAN THOMAS McMAHAN, Chairman TOM L. MASSIE, Vice Chairman JOE COWAN, Commissioner MARK R. JONES, Commissioner WILLIAM R. SHELTON JR., Commissioner KENNETH L. WESTMORELAND, County Manager 401 GRINDSTAFF COVE ROAD SYLVA, NORTH CAROLINA 28779 (828) 631-2295 FAX (828) 631-2208 E-Mail: JacksonCoMgr@jacksonnc.org

March 22, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP NC 27709

Dear Joe:

I am please to represent the citizens of Jackson County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute). (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Jackson County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Jackson County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Jackson County. Our unemployment rate stands at 9.5%, well above the state and national average. Our average household income is \$52,029, much below the national average. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely

Kenneth L. Westmoreland

Kenneth L. Westmoreland County Manager



Southern Base of the Research Triangle Region

March 23, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe,

I am pleased to represent the Lee County Economic Development Corporation representing Lee County, the City of Sanford and the Town of Broadway in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Lee County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Lee County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Lee County. Our unemployment rate stands at 14.6%, well above the state and national average. Our median household income is \$49,375, below the national average. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative

includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely,

Bb la X

Bob Heuts, Director Lee County EDC



# COUNTY OF LINCOLN, NORTH CAROLINA

115 WEST MAIN STREET, 3RD FLOOR CITIZENS CENTER, LINCOLNTON, NORTH CAROLINA 28092

OFFICE OF THE COUNTY MANAGER GEORGE A. WOOD, COUNTY MANAGER 704-736-8471 PHONE 704-736-8820 FAX

March 22, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Mr. Freddoso,

I am pleased to represent the citizens of Lincoln County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Lincoln County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Lincoln County. The private providers will leverage the middle mile to

reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Lincoln County. Our unemployment rate stands at 13%, well above the state and national average. Our average household income is below the national average. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely,

tour, I apod

George A. Wood County Manager



# Madison County Administration

PO Box 579 Marshall, NC 28753 (828) 649-2854 www.madisoncountync.org

March 24, 2010

Mr. Joseph A. Freddoso, President & CEO MCNC PO Box 12889 RTP, NC 27709

Dear Mr. Freddoso:

I am pleased to represent the citizens of Madison County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, Microelectronics of North Carolina (MCNC), and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute) and ERC Broadband. It is our intent to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN), a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, it is my understanding that MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Madison County is a significant one. Through MCNC, NCREN and ERC Broadband the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to increase their bandwidth at stable costs.

In addition, MCNC, the Kenan Institute and ERC Broadband are working with French Broad Electric Membership Corporation (FBEMC) and other private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Madison County. My understanding is that FBEMC and other private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to rural Madison County. Our unemployment rate stands at 11.2%, just slightly below the state average. Our average household income is \$38,389, much below the national average of \$53,684 and the state average of \$50,465. Enhanced access to broadband has proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am

pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application. I remain,

Sincerely,

Steven W. Garrison County Manager

#### BOARD OF COMMISSIONERS

RONNIE SMITH, CHAIRMAN ELMO "BUTCH" LILLEY, VICE CHAIRMAN C. MORT HURST TOMMY W. BOWEN DEREK PRICE



W. RUSSELL OVERMAN COUNTY MANAGER

MARION B. THOMPSON CLERK TO THE BOARD

P.O. BOX 668 WILLIAMSTON, NC 27892 (252) 789-4300 FAX (252) 789-4309 e-mail: martin@martincountyncgov.com

March 8, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe,

I am pleased to represent the citizens of Martin County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Martin County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

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Contraction -

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Martin County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Martin County. Our unemployment rate stands at 11%, well above the state and national average. Our personal income is 26.60 % of the national average. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

### Russell Overman Russell Overman County Manager Martin County

## Proposed Resolution Broadband Access in Unserved and Underserved Areas within North Carolina Counties

To promote a focus on deployment, adoption, and usage of broadband applications in unserved and underserved areas within North Carolina counties.

WHEREAS, broadband networks provide solutions to critical educational, public safety and social challenges, and will provide economically disadvantaged communities access to vital quality of life opportunities; and

WHEREAS, the American Recovery and Reinvestment Act, through National Telecommunications and Information Administration's (NTIA) Comprehensive Community Infrastructure Program, provides ample funding for such pro-broadband deployment programs as middle mile connectivity, and creates additional demands for broadband technologies through the establishment of public computing centers which foster community education and access, both critical for strengthening the North Carolina communities; and

WHEREAS, local governments seek to provide their communities with the capacity for high-quality and affordable communications services in order to enhance economic development, increase educational opportunities, and improve governmental transparency and accountability; and

WHEREAS, Nash County recognizes that expanding broadband access and services in unserved and underserved areas will stimulate new services offerings such as digital literacy, digital community engagement and distance education offerings; and

WHEREAS, Nash County seeks to ensure that our community is prepared to meet the technological challenges, by supporting the development and implementation of public-private broadband deployment partnerships, regardless of geography, socio-economic status, age, and physical ability; and

Now, therefore, **BE IT RESOLVED**, that Nash County applauds and supports the North Carolina Rural Broadband Initiative, led by MCNC, for its efforts to recognize the importance of ensuring availability of broadband infrastructure and promoting adoption and usage of broadband applications, products, services, in the unserved and underserved counties in North Carolina; and

**BE IT FINALLY RESOLVED** that the Nash County Board of Commissioners requests the NTIA strongly consider the North Carolina Rural Broadband Initiative as the highest priority for the state of North Carolina and its unserved and underserved communities.

Adopted this 8th day of March 2010.

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Robbie B. Davis, Chairman Nash County Board of Commissioners

Attest:

BOARD OF COMMISSIONERS

ROBBIE B. DAVIS CHAIRMAN

FRED BELFIELO, JR. BILLY MORGAN J. WAYNE OUTLAW LOU M. RICHARDSON DANNY TYSON MARY P. WELLS





ROBERT M. MURPHY COUNTY MANAGER bob.murphy@nashcountync.gov

> VINCE DURHAM ATTORNEY vdurham@bwsw.com

WAYNE MOORE CLERK TO BOARD wayne.moore@nashcountync.gov

March 1, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe,

I am pleased to represent the citizens of Nash County in endorsing the middlemile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Nash County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Nash County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Nash County. Our unemployment rate stands at 12.4%, well above the state average of 10.6% and national average of 9.7% (source: US Bureau of Labor Statistics via Google unemployment rate US NC Nash County for December 2009). Our per capita income is 87% of the national average (source: Quickfacts from the US Census Bureau: \$21,587 US; \$20,307 NC; \$18,863 Nash County). Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely,

Rhuh

Robert M. Murphy County Manager



## NEW HANOVER COUNTY

OFFICE OF THE COUNTY MANAGER 230 GOVERNMENT CENTER DR STE 195 WILMINGTON, NORTH CAROLINA 28403-1732 TELEPHONE (910) 798-7384 FAX (910) 798-7277 BRUCE T. SHELL, CPA County Manager

ANDRE' R. MALLETTE Assistant County Manager

CHRIS COUDRIET Assistant County Minager

March 17, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Mr. Freddoso:

I am pleased to represent the citizens of New Hanover County in endorsing the middlemile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a highspeed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for New Hanover County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our county. The North Carolina Rural Broadband Initiative involves plans to connect several community colleges, libraries, K12 schools, public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle-mile to consumers and small businesses in New Hanover County. The private providers will leverage the middle-mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses. March 17, 2010 Mr. Joseph A. Freddoso Page two

This initiative is particularly important to New Hanover County. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely,

hm Bruce T. Shell

County Manager



"A GREAT PLACE TO RAISE FAMILIES, PROFITS AND EXPECTATIONS" BOARD OF COMMISSIONERS P. O. BOX 808 JACKSON, N. C. 27845 PHONE (252) 534-2501 • FAX (252) 534-1166

## Resolution For Broadband Access In Unserved And Underserved Areas Within North Carolina Counties

WHEREAS, broadband networks provide solutions to critical educational, public safety and social challenges, and will provide economically disadvantaged communities access to vital quality of life opportunities; and

WHEREAS, the American Recovery and Reinvestment Act, through National Telecommunications and Information Administration's (NTIA) Comprehensive Community Infrastructure Program, provides ample funding for such pro-broadband technologies through the establishment of public computing centers which foster community education and access, both critical for strengthening the North Carolina communities; and

WHEREAS, local governments seek to provide their communities with the capacity for high-quality and affordable communications services in order to enhance economic development, increase educational opportunities, and improve governmental transparency and accountability, and

WHEREAS, Northampton County recognizes that expanding broadband access and services in unserved and underserved areas will stimulate new services offerings such as digital literacy, digital community engagement and distance education offerings; and

WHEREAS, Northampton County seeks to ensure that our community is prepared to meet the technological challenges, by supporting the development and implementation of public-private broadband deployment patientships, regardless of geography, socio-economic status, age, and ployment ability; and

NOW, THEREFORE, BE IT RESOLVED, that Northampton County applauds and supports the North Carolina Rural Broadband Initiative, led by MCNC, for its efforts to recognize the importance of ensuring availability of broadband infrastructure and promoting adoption and usage of broadband applications, products, services, in the unserved and underserved counties in North Carolina; and

**BE IT FINALLY RESOLVED** that the Northampton County Board of Commissioners requests the NTIA strongly consider the North Carolina Rural Broadband Initiative as the highest priority for the State of North Carolina and its unserved and underserved communities.

## **CERTIFICATION:**

This is to certify that the above is a true and exact copy of a resolution adopted by the Northampton County Board of Commissioners at their regular meeting held in the Commissioners' Meeting Room on Monday, March 15, 2010. The same appears in Minute Book No. 20 at page 57-2010.

## Signature:

Kemberly L. Duren-Clerk to the Board of Commissioners of Northampton County

(County Seal)



March 22, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe,

The Jacksonville Onslow Economic Development group and the Committee of 100 is pleased to endorse the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The benefit of the NCRBI for Onslow County would be a tremendous opportunity. Through MCNC and NCREN, the initiative will significantly increase the bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Onslow County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses. We firmly believe that this enhanced access to broadband has the potential to increase our economic prosperity, educational attainment and improve health care options around the world. I am very pleased that the NC Rural Broadband project has included Onslow County. During these

extremely tight budgetary times, we are grateful for the funding initiative proved by the Kenan Institute and MCNC.

Thank you for your kind consideration. Best of luck with this important application.

Sincerely,

gem Austanto

Jim Reichardt Executive Director Jacksonville Onslow Economic Development

#### March 2, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP. NC 27709

Dear Joe,

I am pleased to represent the citizens of Pasquotank County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Pasquotank County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Pasquotank County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Pasquotank County. Our unemployment rate stands at 10.1%, well above the state and national average. Our per capita income is \$21.927, also below the state and national average. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and

enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Julie Stamper

Julie Stamper GIS Coordinator Pasquotank County

COMMISSIONERS

Marshall H. Stevenson, Jr., Chairman Hoyd E. Griffin HI, Vice-Chairman Matt Wood Bill Trueblood Geol Perry Jeff Dison



COUNTY MANAGER Randy Keaton

ASST COUNTY MANAGER Rodney Bunch

COUNTY ATTORNBY R. Michael Cox

CLERK TO THE BOARD Karen Jennings

## COUNTY OF PASQUOTANK

Post Office Box 39 Elizabeth City, North Carolina 27907-0039 (252)335-0865 Fax (252)335-0866

March 1, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe:

I am pleased to represent the citizens of Pasquotank County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operation of NCREC, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Pasquotank County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several community colleges, libraries, K12 schools, public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Pasquotank County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

Mr. Joseph A. Freddoso March 1, 2010 Page Two

This initiative is particularly important to Pasquotank County. Our unemployment rate stands at 10.1%, well above the state and national average. Our personal income is 67.7% of the national average. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely yours,

Marshall H. Stevenson, Chairman Pasquotank County Board of Commissioners

MHS/ksj



March 5, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709 Dear Joe,

Enclosed are three letters of support for NCREN from the Mayor of Elizabeth City, the Director of the Elizabeth City Area Convention and Visitors Bureau and my organization, the Albernarle Economic Development Commission. Albernarle Health, Pasquotank County, Elizabeth City State University, the College of the Albernarle and Elizabeth City-Pasquotank Public Schools have sent their letters of support directly to you.

Thanks for your efforts on our behalf.

Sincerely,

Wayne Harris Albemarle Economic Development Commission Work: 252.338.0169 Cell: 252.619.3689 www.discoverec.com

Albemarle Economic Development Commission

405 East MainStreet + Suite 4 • PO Box 70 + Elizabeth City, NC 27907

252-338-0169 (ph) • 252-338-0160 (fx) • 1-888-338-1678 (tf) • info@DiscoverEC.com • www.DiscoverEC.com



March 2, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

RE: Support for the Broadband Technology Opportunities Program (BTOP) submitted by MCNC

Dear Joe,

I am pleased to endorse the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our area where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN), a highspeed optical backbone that already connects key public education institutions in our region to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina. Affordable access to such a network, at parity with urban and metropolitan areas, would offer tremendous advantages in our economic recruitment of New Economy businesses whose operations depend upon high reliability and high capacity electronic communications and information networks.

Broadband is a tool that our current and future employers require to remain competitive in the 21<sup>st</sup> Century global economy. Broadband also is vital to our efforts to serve existing businesses and allow them to modernize and expand. Availability of advanced broadband is a key success factor in our efforts to recruit new jobs to our area, as well as to expand our educational and workforce development efforts to ensure that workers have the skills necessary to compete in today's job market.

Albemarle Economic Development Commission

405 East MainStreet • Sulte 4 • PO Box 70 = Elizabeth City, NC 27907

252-338-0169 (ph) • 252-338-0160 (fx) • 1-888-338-1678 (tf) • info@DiscoverEC.com • www.DiscoverEC.com

Over the years many local businesses and non-profit organizations have experienced delays of weeks and even months in obtaining reliable broadband, and often these delays have occurred in areas with the most promising economic development prospects. In the Pasquotank Commerce Park, for example, it took Elizabeth City Glass, an innovative recycling company with intense broadband needs both for marketing and corporate communications, more than seven months to obtain DSL service. In micropolitan areas like the Elizabeth City area, with just a few broadband providers that control access to the Interned backbone, there is simply no motivation for these providers to provide prompt broadband service. Businesses like Elizabeth City Glass must make do with dial-up until these providers decide there is sufficient density in the area to create an acceptable rate of return on an investment in new switches or cabling.

Companies that do have broadband complain of poor transmission quality. In the Elizabeth City-Pasquotank County Aviation Research and Development Park. DRS Technologies, the Park's major tenant, already has created 240 high-paying jobs here and has major plans for expansion that will require a geometric increase in bandwidth. Yet even at current transmission loads, DRS reports frequent problems with "packet loss" in attempting to transmit data to its clients and corporate partners.

As with DRS, the success and quality of customer service provided by our emergency management system, our regional hospital, Albermarle Health, Elizabeth City State University's soon-be-constructed School of Aviation Science and the College of the Albemarle's Air Frame and Power Plant ("A&P") training facility all depend on affordable and reliable broadband.

As in many rural areas of the country, small businesses play a large role in our area economy. Many small businesses are home-based and, as such, are particularly dependent upon access to advanced broadband services to reach customer markets, suppliers, and sources of information and expertise.

I hope that you will approve the NCREN application to help our efforts to support our businesses, retain and create new jobs and expand opportunities for our citizens.

Sincerely

//// e Harris



CITY COUNCIL MEMBERS JEAN M. BAKER MICHAEL F. BROOKS RICKEY E. KING LENA HILL-LAWRENCE BETTY S. MEGGS JOSEPH A. STIMATZ JOHNNIE B. WALTON

# CITY OF ELIZABETH CITY

February 25, 2010

Mr. Joseph A. Freddoso, President and CEO MCNC 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Mr. Freddoso:

I am pleased to represent the citizens of Elizabeth City in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Elizabeth City is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Elizabeth City. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.
Mr. Joseph A. Freddoso February 25, 2010 Page 2

This initiative is particularly important to Elizabeth City. Our unemployment rate stands at 9.8%, well above the state and national average. Our personal income is 67 % of the national average. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely,

Bogy () Roger A. McLea Mayor

MBER

March 5, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe,

I am pleased to represent the businesses of Elizabeth City, Pasquotank and Camden Counties in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Pasquotank and Camden Counties is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Pasquotank and Camden Counties. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Pasquotank and Camden Counties. Our unemployment rate stands at 11%, well above the state and national average. Our personal

income is 76 % of the national average. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

With Best Wishes, I remain

Sincerely yours,

Jegnifer K. Palestrant President



Elizabeth City Area Convention and Visitors Bureau

March 1, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe:

On behalf of the Elizabeth City-Pasquotank County Tourism Development Authority, I would like to take this opportunity to endorse the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in Pasquotank county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Pasquotank County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Pasquotank County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

Elizabeth City - Pasquotank County Tourism Development Authority 400 South Water Street = Suite 101 = PO Box 573 = Elizabeth City, NC 27907 = 866-324-8948 [toll-free] = 252-335-5330 [ph] 252-335-1733 [fx] = info@discoverelizabethcity.com = www.discoverelizabethcity.com I am pleased that the North Carolina Rural Broadband Initiative includes Pasquotank County. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely,

Charlotter &. Underwood

Charlotte S. Underwood Director

CSU/sdh

cc: Arthur McPherson Chairperson - ECPCTDA



PERQUIMANS COUNTY Economic Development

Post Office Box 45 Hertford, NC 27944 Tel: (252) 312-5314 Fax: (252) 426-4034

February 24, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Mr. Freddoso:

I am writing to express my support for the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program [BTOP] being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute [Kenan Institute].

The opportunity of the North Carolina Rural Broadband Initiative for Perquimans County is a significant one. As the Perquimans County Economic Development Consultant, I understand that affordable and reliable access to advanced broadband services is a tool that our current and future employers require to remain competitive in the 21<sup>st</sup> Century global economy. Broadband is vital to Perquimans County's efforts to serve existing businesses and allow them to modernize and expand. Furthermore, availability of advanced broadband is a key success factor in the County's efforts to recruit new jobs to our area, as well as to expand our educational and workforce development efforts to ensure that workers have the skills necessary to compete in today's job market.

As in many rural areas throughout the United States, small businesses play a large role in Perquimans County's economy. Many small businesses are homebased and, as such, are particularly dependent upon access to advanced broadband services to reach customer markets, suppliers, and sources of information and expertise.

In particular, the application requests funding for a network expansion to create a high capacity, highly reliable fiber-optic communications network connecting the area to major metropolitan centers. Affordable access to such a network, at parity with urban and metropolitan areas, would offer tremendous advantages in terms of economic recruitment of New Economy businesses -- whose operations depend upon high reliability and high capacity electronic communications and information networks.

The current severe economic recession has more adversely affected rural, sparsely populated communities. Approximately 70% of our residents outcommute to work. When the price of gasoline approached historically high levels last year, it became even more difficult and costly to out commute. One of the County's economic development strategies is to support the expansion of area telecommunications infrastructure and interconnections to major metropolitan trading centers, substituting speed of broadband connectivity for geographic proximity. This would allow our residents and businesses to electronically work and conduct business within these trading centers from within their homes or local businesses. The proposed network expansion and creation of a redundant network is tightly linked to the success of that strategy.

I am pleased that the North Carolina Broadband Initiative includes Perquimans County. There is no funding available, outside of this initiative, for the County to undertake such a project without the help of MCNC and the Kenan Institute.

Thank you in advance for your kind consideration. I wish you great success with this important application.

Sincerely,

ich le

David N. Goss Perquimans County Economic Development Consultant



MARY P. HUNNICUTT CLERK YO BOARD BOBBY C. DARDEN COUNTY MANAGER

## **PERQUIMANS COUNTY** BOARD OF COMMISSIONERS

P.O. BOX 45 HERTFORD, NORTH CAROLINA 27944 TELEPHONE: 1-252-426-7550 MACK E. NIXON CHAIRMAN TAMMY MILLER-WHITE VICE CHAIR BENJAMIN C. HOBBS CHARLES H. WARD SUE WEIMAR M. SHIRLEY WIGGINS

W. HACKNEY HIGH, JR. COUNTY ATTORNEY

March 1, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe,

I am pleased to represent the citizens of Perquimans County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Perquimans County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Perquimans County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses. Page Two March 1, 2010 Mr. Joseph A. Freddoso

This initiative is particularly important to Perquimans County. Our unemployment rate stands at 9.9%, which is above the national average. Our personal income is 75% of the national average. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely yours,

highy

Mack E. Nixon, Chairman Perquimans County Board of Commissioners

## **PERSON COUNTY**



#### **OFFICE OF THE COUNTY MANAGER**

Person County Office Building, Room 212 304 South Morgan Street Roxboro, North Carolina 27573-5245 (336) 597-1720 FAX (336) 599-1609

March 8, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe,

I am pleased to represent the citizens of Person County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Person County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Person County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

Page Two March 8, 2010 Mr. Joseph A. Freddoso MCNC

This initiative is particularly important to Person County. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely,

Himi Nyor.

Heidi N. York Person County Manager



### PITT COUNTY OFFICE OF THE COUNTY MANAGER

1717 W. 5TH STREET GREENVILLE, NORTH CAROLINA 27834-1696 TELEPHONE: (252) 902-2950 FAX: (252) 830-6311

D. Scott Elliott County Manager

March 2, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Mr. Freddoso:

I am pleased to represent the citizens of Pitt County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Pitt County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Pitt County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Pitt County. Our unemployment rate stands at 10.1%. Our personal income is 80% of the national average. Enhanced access to broadband

has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely,

Sul Elled Ŋ.

D. Scott Elliott County Manager

Cc: Mike Taylor, Deputy County Manager/Chief Information Officer

DM#80500

Robeson County NORTH CAROLINA

Office of Economic Development 200 Airport Boulevard Lumberton, NC 28358

March 11, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe,

I am pleased to represent the citizens of Robeson County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Robeson County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Robeson County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Robeson County. Our unemployment rate stands at 11.6%, well above the state and national average. Our personal income is 67 % of the national average. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options

across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Charles Gregory Cummings

Director, Economic Development Robeson County



### **Rockingham County**

Governmental Center 371 NC 65, Suite 206 • P.O. Box 206 Wentworth, N.C. 27375-0206 Telephone: (336) 342-8101 • Fax: (336) 342-8105

Thomas B. Robinson County Manager

February 26, 2010

Mr. Joseph A. Freddoso, President and CEO MCNC 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe,

I am pleased to represent the citizens of Rockingham County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute). I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution (CAI) sites in our county where that might be advantageous to us.

MCNC's application will build upon the existing North Carolina Research and Education Network (NCREN), a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the commercial Internet. In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Rockingham County.

This is especially important for Rockingham County, which is applying to the USDA's Rural Utilities Service (RUS) Broadband Initiatives Program (BIP) for Last Mile broadband. Our Last Mile application would provide 99% of residents and businesses within Rockingham County access to broadband speeds of 3 Mbps utilizing WiMax technology. MCNC's Middle Mile backbone would be extremely advantageous to our WiMax Last Mile solution by providing fiber access to WiMax towers along MCNC's proposed CAI route. Together, MCNC's Middle Mile and our Last Mile applications have tremendous potential to improve the economic vitality of Rockingham County.

Our unemployment rate stands at 12.6%, and our 2007 poverty rate is 15.1%, both well above state and national averages. I am pleased that MCNC's North Carolina Rural Broadband Initiative includes our county so that these numbers will improve.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely,

Thomas B. Robinson

**County Commissioners** 

Brent Washburn, Chairman Margaret Helton, Vice Chairman Susan G. Crowe Eddie Holland Paul McIntosh



John W. Condrey, County Manager Hazel S. Haynes, Clerk to the Board Elizabeth Miller, County Attorney

# **Rutherford** County

March 18, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe,

I am pleased to represent the citizens of Rutherford County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Rutherford County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Rutherford County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses. Rutherford County has worked with a local private non-profit, PANGAEA, to secure Golden LEAF funds to construct 100

289 N. Main Street, Rutherfordton, NC 28139 • 828-287-6045 • 828-287-6262 (FAX) www.rutherfordcountync.gov miles of fiber in the county. We believe this existing network when used in conjunction with this additional fiber that might come about by this initiative will further enhance the county broadband capability. Foothills Connect Business & Technology Center was established in 2005 to support the development and growth of small businesses and entrepreneurship in Rutherford County in order for the community to prosper in the global economy. The possibility of additional fiber could support their goal of a partnership providing support and access to a network of services and resources in a creative, engaging environment.

This initiative is particularly important to Rutherford County. Our unemployment rate stands at 16.9, well above the state and national average. Our personal income is 75.9 % of the national average. Many teachers and students do not have access to any connectivity beyond dial-up and satellite service. To prepare students for the skills needed in a global economy, Rutherford County employees and students need to be connected when not at school. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely,

leader-

John W. Condrey Autherford County Manager



#### Proposed Resolution Broadband Access in Unserved and Underserved Areas within North Carolina Counties

To promote a focus on deployment, adoption, and usage of broadband applications in unserved and underserved areas within North Carolina counties.

**WHEREAS**, broadband networks provide solutions to critical educational, public safety and social challenges, and will provide economically disadvantaged communities access to vital quality of life opportunities; and

**WHEREAS**, the American Recovery and Reinvestment Act, through National Telecommunications and Information Administration's (NTIA) Comprehensive Community Infrastructure Program, provides ample funding for such pro-broadband deployment programs as middle mile connectivity, and creates additional demands for broadband technologies through the establishment of public computing centers which foster community education and access, both critical for strengthening the North Carolina communities; and

**WHEREAS**, local governments seek to provide their communities with the capacity for high-quality and affordable communications services in order to enhance economic development, increase educational opportunities, and improve governmental transparency and accountability; and

WHEREAS, Rutherford County recognizes that expanding broadband access and services in unserved and underserved areas will stimulate new services offerings such as digital literacy, digital community engagement and distance education offerings; and

**WHEREAS**, Rutherford County seeks to ensure that our community is prepared to meet the technological challenges, by supporting the development and implementation of public-private broadband deployment partnerships, regardless of geography, socio-economic status, age, and physical ability; and

Now, therefore, **BE IT RESOLVED**, that Rutherford County applauds and supports the North Carolina Rural Broadband Initiative, led by MCNC, for its efforts to recognize the importance of ensuring availability of broadband infrastructure and promoting adoption and usage of broadband applications, products, services, in the unserved and underserved counties in North Carolina; and

ECONOMIC DEVELOPMENT COMMISSION (P) 828.248.1716 • (F) 828.248.1771 www.rutherfordncedc.com 142 E Main Street, Suite 100 Forest City, NC 28043



**BE IT FINALLY RESOLVED** that the said Rutherford County Economic Development Commission requests the NTIA strongly consider the North Carolina Rural Broadband Initiative as the highest priority for the state of North Carolina and its unserved and underserved communities.

Unanimously Adopted This the 17th Day of March, 2010.

M. Koen Mc Cammen

Keven McCammon Chairman Rutherford County Economic Development Commission

ECONOMIC DEVELOPMENT COMMISSION (P) 828.248.1716 • (F) 828.248.1771 www.rutherfordncedc.com 142 E Main Street, Suite 100 Forest City, NC 28043



County of Scotland

507 West Covington Street Laurinburg, North Carolina 28352 Telephone: (810) 277-2406 Fax: (810) 277-2411 www.scatlandcounty.org



Board of Commissioners J.D. Wills, Chairman Batty Blue Gholston, Vice Chair John T. Alford Bob Davis Guy McCook Jayce McDow Clarence McPhatter II

Kavin Patterson County Manager

Ann W. Kurtzman Clerk to the Board

March 2, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe,

I am pleased to represent the citizens of Scotland County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Scotland County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Scotland County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Scotland County. Our unemployment rate stands at 17.1% and our per capita income is \$16,388, both well below the state and national averages. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

INGO County Manager

Scotland County



Kevin Patterson County Manager

Ann W. Kurtzman Clerk to the Board

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Mr. Freddoso,

The Scotland County Board of Commissioners, on behalf of its residents, endorses the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) set for submission by the North Carolina non-profit MCNC and supported by the Frank Hawkins Kenan Institute at the University of North Carolina.

The Board of Commissioners would like to be considered as a direct connect customer of the Middle Mile network for Community Anchor Institution sites.

The application, designated the North Carolina Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our County to a statewide K20 education intranet and the commercial internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity for the North Carolina Broadband Initiative for Scotland County is significant as it will increase the amount of bandwidth available for Community Anchor Institutions in Scotland County. Since the Initiative involves plans to connect several community colleges, libraries, K12 schools and public health and safety facilities in our region to direct fiber, these institutions will have opportunity to greatly increase their bandwidth at stable costs.

MCNC and the Kenan Institute also are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to small businesses in Scotland County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass the savings onto consumers and small businesses.

The initiative is particularly important to Scotland County since its unemployment rate stands at 17 percent, well above the State and national average. The County's personal income is \$31,000, below the national average of \$41,000. Enhance access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe.

I am grateful that the North Carolina Rural Broadband Initiative includes our County. There is no funding available, outside of the initiative, for the County to undertake such a project without the help of the Kenan Institute and MCNC. Thank you for your consideration. We wish you success with this important application.

Sincerely.

J.D. Willis, Chairman Scotland County Board of Commissioners

# County of Scotland

507 West Covington Street Laurinburg, North Carolina 28352 Telephone: [910] 277-2406 Fax: (910] 277-2411 www.scotlandcounty.org



Board of Commissioners J.D. Willis, Chairman Betty Blue Gholston, Vice Chair John T. Alford Bob Davis Guy McCook Joyce McDow Clarence McPhatter II

March 4, 2010

# STOKES COUNTY BOARD OF COUNTY COMMISSIONERS



Post Office Box 20 • Danbury, North Carolina 27016 • Phone (336) 593-2448 • Fax (336) 593-2346

March 9. 2010

Mr. Joseph A. Freddoso, President and CEO MCNC 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe,

I am pleased to represent the citizens of Stokes County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute). I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

MCNC's application will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the commercial internet. In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Stokes County.

This is especially important for Stokes County, which is applying to the USDA's Rural Utilities Service (RUS) Broadband Initiatives Program (BIP) for Last Mile broadband. Our Last Mile application would provide 97% of residents and businesses within Stokes County access to broadband speeds of 3 Mbps, utilizing WiMax Technology. MCNC's Middle Mile backbone would be extremely advantageous to our WiMax Last Mile solution by providing fiber access to WiMax towers along MCNC's proposed CAI route. Together, MCNC's Middle Mile and our Last Mile applications have tremendous potential to improve the economic vitality of Stokes County.

Stokes County has an unemployment rate that stands at 10.5%, and our poverty rate is 14.9%, both well above the national average. Our median income is 82 % of the national average. I am pleased that the MCNC's North Carolina Rural Broadband Initiative includes our county.

Thank you for your kind consideration. We wish you great success with this important application.

Respectfully Malk

Jimmy Walker, Chairman Stokes County Board of Commissioners

#### Proposed Resolution Broadband Access in Unserved and Underserved Areas within North Carolina Counties

To promote a focus on deployment, adoption, and usage of broadband applications in unserved and underserved areas within North Carolina counties.

**WHEREAS**, broadband networks provide solutions to critical educational, public safety and social challenges, and will provide economically disadvantaged communities access to vital quality of life opportunities; and

**WHEREAS**, the American Recovery and Reinvestment Act, through National Telecommunications and Information Administration's (NTIA) Comprehensive Community Infrastructure Program, provides ample funding for such pro-broadband deployment programs as middle mile connectivity, and creates additional demands for broadband technologies through the establishment of public computing centers which foster community education and access, both critical for strengthening the North Carolina communities; and

WHEREAS, local governments seek to provide their communities with the capacity for highquality and affordable communications services in order to enhance economic development, increase educational opportunities, and improve governmental transparency and accountability; and

WHEREAS, Stokes County recognizes that expanding broadband access and services in unserved and underserved areas will stimulate new services offerings such as digital literacy, digital community engagement and distance education offerings; and

WHEREAS, Stokes County seeks to ensure that our community is prepared to meet the technological challenges, by supporting the development and implementation of public-private broadband deployment partnerships, regardless of geography, socio-economic status, age, and physical ability and this application, if approved will greatly enhance our Last Mile USDA Rural Utilities Service (RUS) Broadband Initiative Program (BIP) initiative; and

**NOW, THEREFORE BE IT RESOLVED**, that Stokes County applauds and supports the North Carolina Rural Broadband Initiative, led by MCNC, for its efforts to recognize the importance of ensuring availability of broadband infrastructure and promoting adoption and usage of broadband applications, products, services, in the unserved and underserved counties in North Carolina; and

**BE IT FINALLY RESOLVED** that Stokes County, the said Board of Commissioners requests the NTIA strongly consider the North Carolina Rural Broadband Initiative as the highest priority for the state of North Carolina and its unserved and underserved communities.

#### CERTIFICATION

This is to certify that the above is a true and exact copy of a Resolution adopted by the County Board of Commissioners at their regular meeting held on March 8, 2010 in the Commissioners' Chambers located in the Ronald Wilson Reagan Memorial Building.

#### Signature:

Jarlene M. Bullins

Clerk to the Board of Commissioners of Stokes County

(County Seal)

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PAUL JOHNSON Chairman East District

JIMMY MILLER Vice-Chairman Mount Airy District

BILL, HAMLIN Central District

DR. JIM (IARRELL, JR. South District

CRAIG HUNTER Mount Airy District March 15, 2010



DENNIS THOMPSON County Manager

EDWIN M. WOLTZ County Attorney

BOARD OF COMMISSIONERS Surry County Government Center 118 Hamby Road, Suite 329 Dobson, NC 27017

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 Research Triangle Park, NC 27709

Dear Mr. Freddoso:

Professional staff at the University of North Carolina's School of Government has requested that I endorse the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Program being submitted by MCNC, and supported by the University's Frank Hawkins Kenan Institute.

To the extent that the work contemplated under the application can be of benefit in extending broadband coverage in Surry County, I am pleased to endorse the application. Anything that can be done to improve the economy of Surry County, one of the State's highest unemployment rate counties, is worthy of County support.

I look forward to learning more about the services that can be extended to Surry County under the program.

Sincerely,

march

Dennis Thompson County Manager



**Swain County** 

101 Mitchell Street P.O. Box 2321 Bryson City, NC 28713 County Manager Kevin S. King

Telephone: (828) 488-9273 (828) 488-2600 Fax: (828) 488-2754 manager@swaincounty.org

March 23,2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe,

I am pleased to represent the citizens of Swain County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Swain County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Swain County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Swain County. Our unemployment rate stands at 18.1%, well above the state and national average. Our average household income is \$28,608, much below the national average. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan

Board of Commissioners Glenn Jones, Chair Genevieve Lindsay, Vice-Chair David Monteith, Member Steve Moon, Member Phil Carson, Member Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

0 Je.  $\sim$ Glenn Jones

Chairman, Swain County Commissioners Swain County

#### **Tyrrell County Board of Commissioners**

P.O. Box 449 Columbia, North Carolina 27925 Telephone (252) 796-1371

Anthony (Tony) F. Sawyer, Chairman Gordon A. Deaver, Jr., Vice Chairman Thomas W. Spruill



Larry G. Hill J. Fred Swain Penny Rhodes Jones, Clerk

March 9, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, North Carolina 27709

Dear Mr. Freddoso:

As the Tyrrell County Manager, I am writing on behalf of the Tyrrell County Board of Commissioners to offer their strong support of the Broadband Improvement and Broadband Technology Opportunities Program Grants Application submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

We are excited and committed about the possibility of having high speed internet access throughout Tyrrell County. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our county. The North Carolina Rural Broadband Initiative involves plans to connect several libraries, K12 schools Public Health and safety facilities in our county to direct fiber; helping stabilize costs. Counties like Tyrrell, rural in nature and a high poverty level, would not be given the opportunity/possibility to receive affordable high speed internet without the Kenan Institute's efforts. The availability of this service is critical in providing a quality education for our young people and the recruitment of business.

We look forward to working with the MCNC and the Kenan Institute in making this technological opportunity a reality. Please notify us of the process which Tyrrell County must go through to ensure our participation in the North Carolina Rural Broadband Initiative project. Thank you in advance for your time and consideration.

Sincerely,

W. Mack Carawan, Jr. County Administration



## OFFICE OF THE COMMISSIONERS AND MANAGER

500 N. Main St., Room 921 • Monroe, NC 28112 • Phone (704) 283-3810 • Fax (704) 282-0121

February 24, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27209

Dear Joe,

I am pleased to represent the citizens of Union County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

l am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Union County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Union County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Union County. Our unemployment rate stands at 10.50%, well above the state and national average. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Best regardis, A Greene Union County Manager

Bance County Board of Commissioners Bance County Administration Building 122 Young Street, Suite B Henderson, N.C. 27536



Kelly H. Grissom Clerk to Board

Telephone (252) 738-2001

March 4, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Mr. Freddoso:

I am pleased to inform you that Vance County endorses the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute). We will consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our County where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN), a high-speed optical backbone that already connects key public education institutions in our County to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Vance County is significant. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our County to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable and reasonable costs.

Jerry L. Ayscue County Manager

Telephone (252) 738-2001 Fax (252) 738-2039 In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Vance County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Vance County as our unemployment rate stands at 14.1%, well above the state and national averages. Vance County is a Tier 1 County, which means we are a severely distressed area financially. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our County. There is no funding available, outside of this initiative, for the County to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely,

Jerry L. Ayscue County Manager



Office of the County Manager

Post Office Box 550 · Raleigh, North Carolina 27602

TEL 919 856 6160 FAX 919 856 6168

March 23, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe,

I am pleased to represent the citizens of Wake County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Wake County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Wake County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Wake County. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely, id Cooke

County Manager

### WARREN COUNTY BOARD OF COMMISSIONERS



105 SOUTH FRONT STREET POST OFFICE BOX 619 WARRENTON, NORTH CAROLINA 27589

#### WARREN COUNTY

Barry Richardson, Chairman Ulysses S. Ross, Vice Chairman Ernest Fleming William Davis Jennifer Jordan

Linda T. Worth County Manager

Angelena Kearney-Dunlap Clerk to the Board

#### RESOLUTION BROADBAND ACCESS IN UNSERVED AND UNDERSERVED AREAS WITHIN NORTH CAROLINA COUNTIES

**PURPOSE:** To promote a focus on deployment, adoption, and usage of broadband applications in unserved and underserved areas within North Carolina counties.

WHEREAS, broadband networks provide solutions to critical educational, public safety and social challenges, and will provide economically disadvantaged communities access to vital quality of life opportunities; and

WHEREAS, the American Recovery and Reinvestment Act, through National Telecommunications and Information Administration's (NTIA) Comprehensive Community Infrastructure Program, provides ample funding for such pro-broadband deployment programs as middle mile connectivity, and creates additional demands for broadband technologies through the establishment of public computing centers which foster community education and access, both critical for strengthening the North Carolina communities; and

WHEREAS, local governments seek to provide their communities with the capacity for high-quality and affordable communications services in order to enhance economic development, increase educational opportunities, and improve governmental transparency and accountability; and

WHEREAS, Warren County recognizes that expanding broadband access and services in unserved and underserved areas will stimulate new services offerings such as digital literacy, digital community engagement and distance education offerings; and

WHEREAS, Warren County seeks to ensure that our community is prepared to meet the technological challenges, by supporting the development and implementation of public-private broadband deployment partnerships, regardless of geography, socio-economic status, age, and physical ability; and

Now, therefore, **BE IT RESOLVED**, that Warren County applauds and supports the North Carolina Rural Broadband Initiative, led by MCNC, for its efforts to recognize the importance of ensuring availability of broadband infrastructure and promoting adoption and usage of broadband applications,

Phone: (252) 257-3115 Fax: (252) 257-5971 www.warrencountync.com products, services, in the unserved and underserved counties in North Carolina; and

**BE IT FINALLY RESOLVED** that the Warren County Board of Commissioners requests the NTIA strongly consider the North Carolina Rural Broadband Initiative as the highest priority for the State of North Carolina and its unserved and underserved communities.

Barry Richardson, Chairman

**ATTEST:** Angelena K earney-Dunlag Clerk to the Board



#### CERTIFICATION

This is to certify that the above is a true and exact copy of a resolution adopted by the Warren County Board of Commissioners at the regular meeting held in the Warren County Memorial Library on March 1, 2010. The same appears in Minute Book No.  $/ \bigcirc$  at page \_\_\_\_\_.

Signature: Clerk to the Board of Complissioners of Warren County

(County Seal)

# **COUNTY OF WASHINGTON**

### **BOARD OF COMMISSIONERS**

COMMISSIONERS: TRACEY A. JOHNSON, CHAIRPERSON JEAN D. ALEXANDER, VICE-CHAIRPERSON BILLY COREY RAYMOND R. MCCRAY C. E. "BUSTER" MANNING, JR.



Post Office Box 1007 Plymouth, North Carolina 27962 Office (252) 793-5823 Fax (252) 793-1183 ADMINISTRATION STAFF: DAVID L. PEOPLES COUNTY MANAGER

JULIE J. BENNETT CLERK TO THE BOARD jbennett@washconc.org

CHERYL R. YOUNG ASSISTANT COUNTY MANAGER COUNTY ATTORNEY

March 15, 2010

Mr. Joseph A. Freddoso MCNC President and CEO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe:

I am pleased to represent the citizens of Washington County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Washington County is a significant one. Through MCNC and NCREN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

Mr. Joseph A. Freddoso March 15, 2010 Page 2

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Washington County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses.

This initiative is particularly important to Washington County. Our unemployment rate stands at 12.8 percent, well above the state and national average. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Sincerely,

Il People

David L. Peoples County Manager

#### STATE OF NORTH CAROLINA

COUNTY OF WATAUGA

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#### Resolution In Support of Broadband Access in Unserved and Underserved Areas within North Carolina Counties

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To promote a focus on deployment, adoption, and usage of broadband applications in unserved and underserved areas within North Carolina counties.

WHEREAS, broadband networks provide solutions to critical educational, public safety and social challenges, and will provide economically disadvantaged communities access to vital quality of life opportunities; and

WHEREAS. the American Recovery and Reinvestment Act. through National Information Administration's (NTIA) Comprehensive Community Telecommunications and Infrastructure Program, provides ample funding for such pro-broadband deployment programs as middle mile connectivity, and creates additional demands for broadband technologies through the establishment of public computing centers which foster community education and access, both critical for strengthening the North Carolina communities; and

WHEREAS, local governments seek to provide their communities with the capacity for highquality and affordable communications services in order to enhance economic development, increase educational opportunities, and improve governmental transparency and accountability; and

WHEREAS, Watauga County recognizes that expanding broadband access and services in unserved and underserved areas will stimulate new services offerings such as digital literacy, digital community engagement and distance education offerings; and

WHEREAS, Watauga County seeks to ensure that our community is prepared to meet the technological challenges, by supporting the development and implementation of public-private broadband deployment partnerships, regardless of geography, socio-economic status, age, and physical ability.

NOW, THEREFORE, BE IT RESOLVED, that the Watauga County Board of Commissioners applauds and supports the North Carolina Rural Broadband Initiative, led by MCNC, for its efforts to recognize the importance of ensuring availability of broadband infrastructure and promoting adoption and usage of broadband applications, products, services, in the unserved and underserved counties in North Carolina; and

THEREFORE BE IT FURTHER RESOLVED that the Watauga County Board of Commissioners requests the NTIA strongly consider the North Carolina Rural Broadband Initiative as the highest priority for the state of North Carolina and its unserved and underserved communities.

ADOPTED this the 1<sup>st</sup> day of March, 2010.

James M. Deal, Jr., Chairman U Watauga County Board of Commissioners

ATTEST: Anita J. Fogle, Clerk



# COUNTY OF WILSON

NORTH CAROLINA TECHNOLOGY SERVICES KIM DUPREE, DIRECTOR 1817 GLENDALE DRIVE, WILSON, NC 27893 PHONE 252-399-2801 FAX 252-399-2780

March 2, 2010

Mr. Joseph A. Freddoso MCNC President and CBO 3021 Cornwallis Road Box 12889 RTP, NC 27709

Dear Joe,

I am pleased to represent the citizens of Wilson County in endorsing the middle-mile Comprehensive Community Infrastructure application to the Broadband Technology Opportunities Program (BTOP) being submitted by the North Carolina Non-Profit, MCNC, and supported by the University of North Carolina's Frank Hawkins Kenan Institute (Kenan Institute).

I am also pleased to make a commitment to consider being a direct connect customer of this Middle Mile network for Community Anchor Institution sites in our county where that might be advantageous to us.

The application, designated the North Carolina Rural Broadband Initiative, will build upon the existing North Carolina Research and Education Network (NCREN) a high-speed optical backbone that already connects key public education institutions in our county to a statewide K20 education Intranet and the Commercial Internet. As the operator of NCREN, MCNC has 25 years experience in providing advanced network communications to public education in North Carolina.

The opportunity of the North Carolina Rural Broadband Initiative for Wilson County is a significant one. Through MCNC and NCRBN, the initiative will increase significantly the amount of bandwidth available for Community Anchor Institutions in our County. The North Carolina Rural Broadband Initiative involves plans to connect several Community Colleges, Libraries, K12 schools, Public health and safety facilities in our region and our county to direct fiber. This will allow these institutions to greatly increase their bandwidth at stable costs.

In addition, MCNC and the Kenan Institute are working with private sector service providers in our region to bring the benefits of the enhanced middle mile to consumers and small businesses in Wilson County. The private providers will leverage the middle mile to reduce wholesale and retail costs of operation and pass these savings onto consumers and small businesses. This initiative is particularly important to Wilson County. Our unemployment rate stands at 12.5% and our per capita income is \$20,879, both well below the state and national averages. Enhanced access to broadband has been proven in several studies to increase economic prosperity, educational attainment and enhance health care options across the globe. I am pleased that the North Carolina Rural Broadband Initiative includes our county. There is no funding available, outside of this initiative, for the county to undertake such a project without the help of the Kenan Institute and MCNC.

Thank you for your kind consideration. We wish you great success with this important application.

Kim Dupree

Technology Services Director Wilson County