

## **BTOP Comprehensive Community Infrastructure Community Anchor Institution and Network Points of Interest Detail Template**

Please complete the Anchor Institution Details worksheet by providing information on Community Anchor Institutions that will be directly connected by the proposed network as necessary. All Community Anchor Institutions should be given a type from the specification. A Community Anchor Institution is considered a minority-serving institution if it is a post-secondary educational institution with enrollment of minority students exceeding 50% of its total enrollment. The "Project Role" column only requires a word or two, or a short phrase, not a detailed explanation of the role of project partners and community anchor institution provided in the essay portions of the application.

Please complete the Points of Interest worksheet by providing information on all points of interest (passive, non-environmentally controlled points of interconnection, cell tower points, may be excluded), collocation facilities, central offices, head ends, and other central office facilities, network access points to last mile service providers, Internet peering points, etc. For each point of interest you may provide either a street address or geocoordinates (lat/long). You must provide detail on what the point of interest is, whether it is already existing or will be created by the proposed project. Where more than one facility type applies, select the most appropriate facility type. For example, if a central office houses a point of interconnection, select central office as the facility type, or if a cell site is located on a tower, select tower as the facility type. Interconnection Available at the Facility field should be Yes if interconnection to the proposed network is available at that location, otherwise No. The brief description field is optional and can be used to convey a better understanding of what the facility is. You may use the space at the bottom of the table to provide additional notes, if desired.

**The data provided via this template will be subject to automated processing. Applicants are therefore required to provide this upload as an Excel file, and not to convert it to a PDF or other format for upload. Additionally, applicants should not modify the format of this file.**

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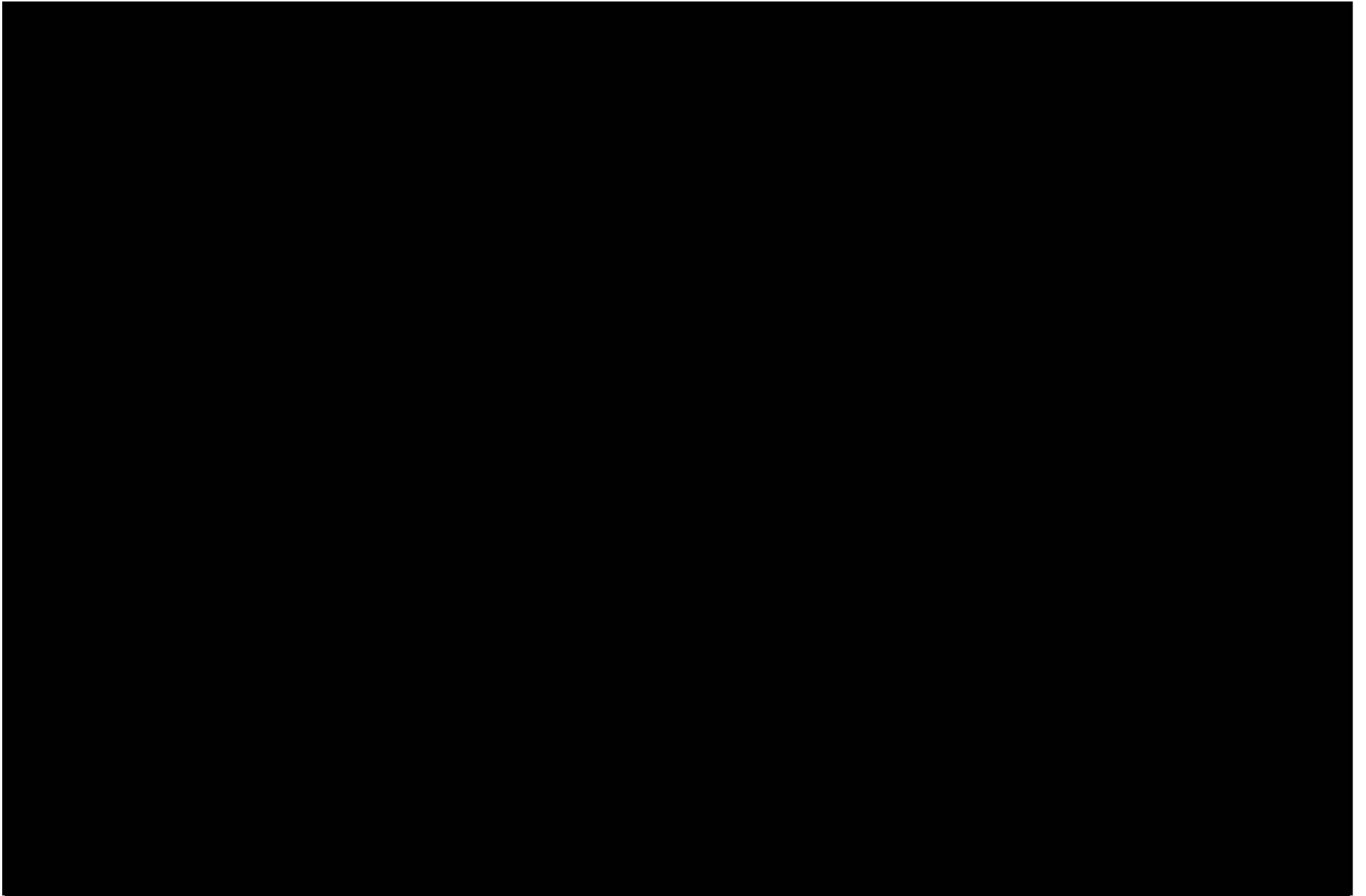
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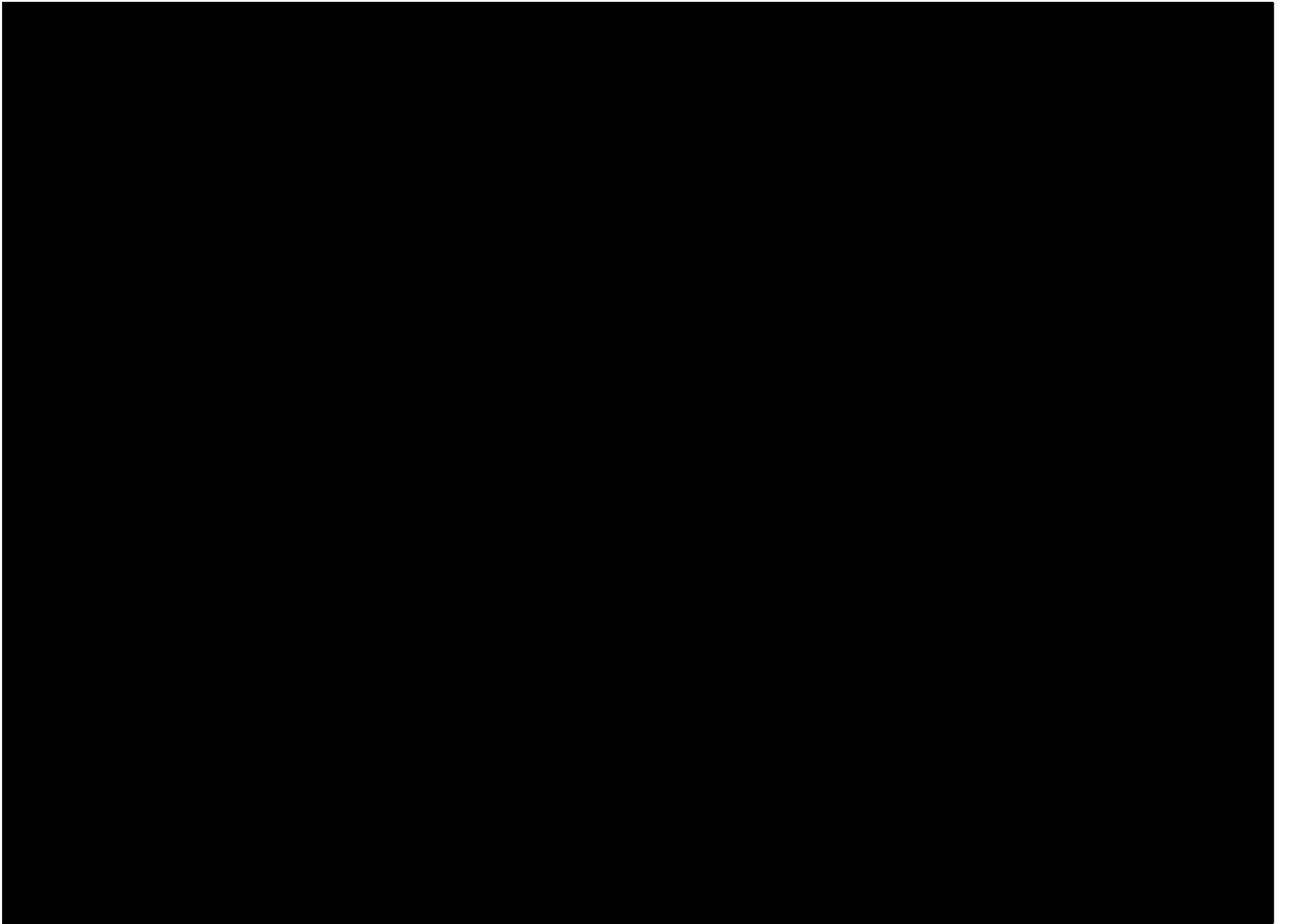
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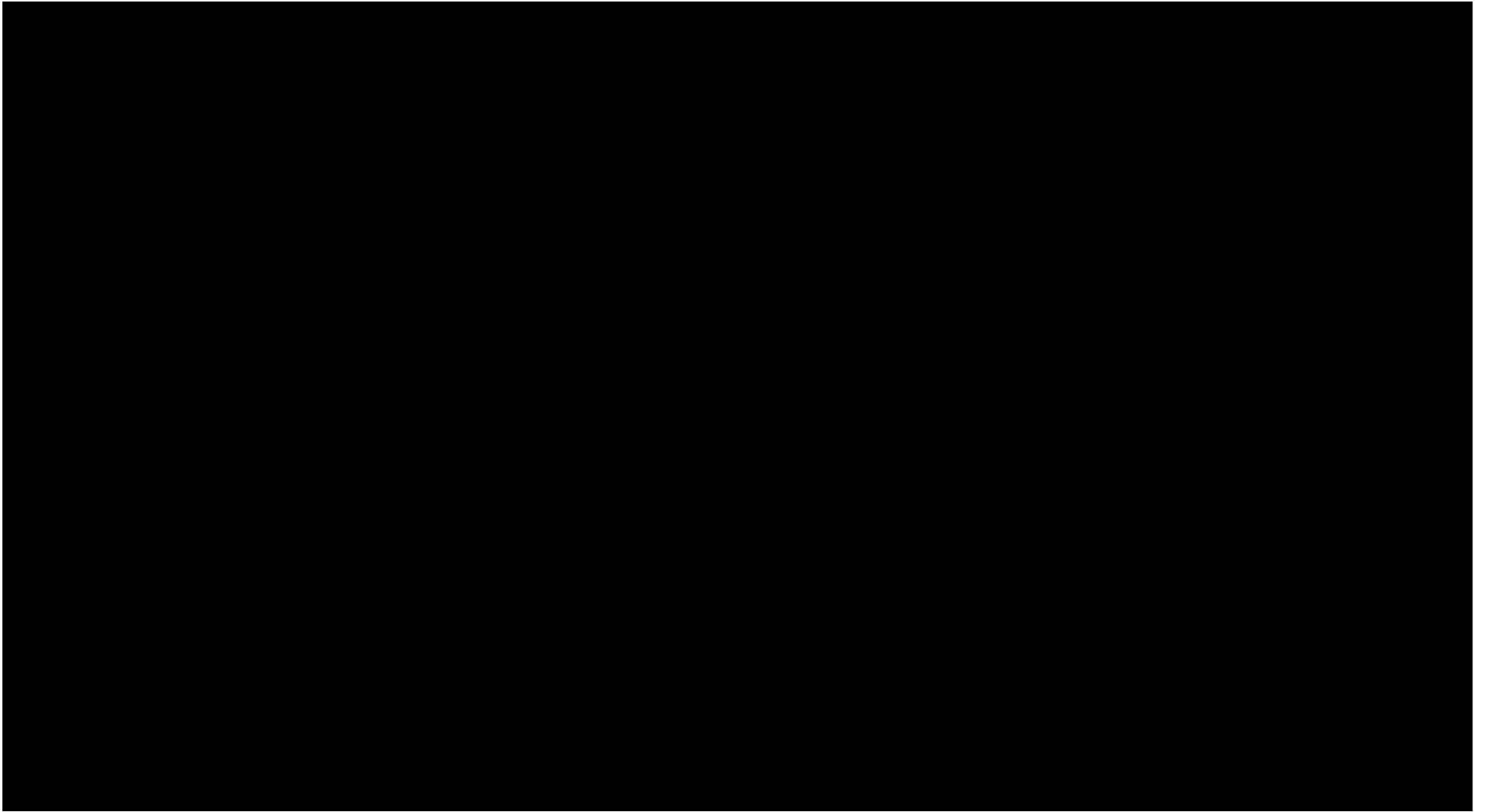
**BTOP CCI Community Anchor Institutions Detail Template**

Title:

Easy Grants ID:



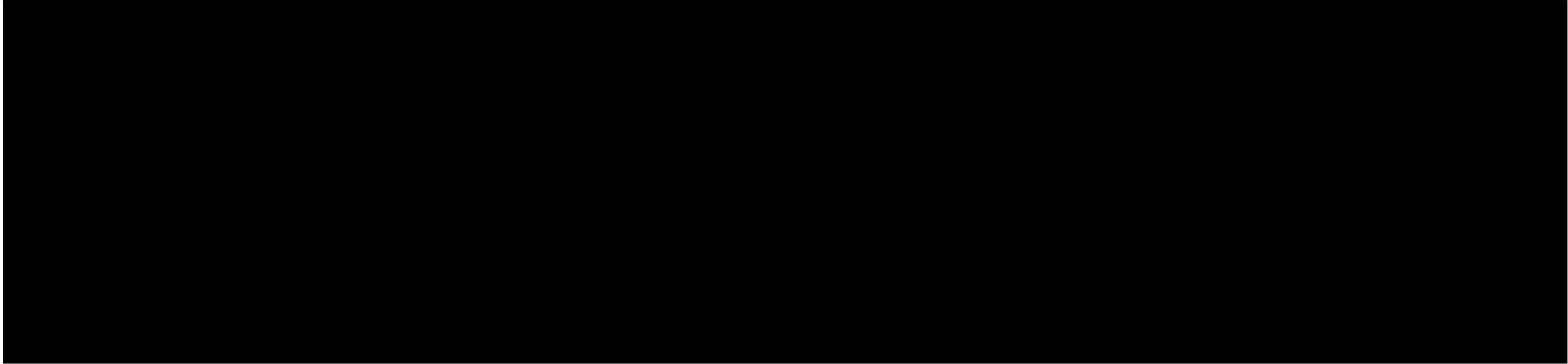




**BTOP CCI Network Points of Interest Detail Template**

Title:

Easy Grants ID:



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**U.S. Department of Commerce  
Broadband Technology Opportunities Program  
Authentication and Certifications**

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1. I certify that I am the duly Authorized Organization Representative (AOR) of the applicant organization, and that I have been authorized to submit the attached application on its behalf.
2. I certify that I have examined this application, that all of the information and responses in this application, including certifications, and forms submitted, all of which are part of this grant application, are material representations of fact and true and correct to the best of my knowledge, that the entity(ies) that is requesting grant funding pursuant to this application and any subgrantees and subcontractors will comply with the terms, conditions, purposes, and federal requirements of the grant program; that no kickbacks were paid to anyone; and that a false, fictitious, or fraudulent statements or claims on this application are grounds for denial or termination of a grant award, and/or possible punishment by a fine or imprisonment as provided in 18 U.S.C. §1001 and civil violations of the False Claims Act.
3. I certify that the entity(ies) I represent have and will comply with all applicable federal, state, and local laws, rules, regulations, ordinances, codes, orders and programmatic rules and requirements relating to the project. I acknowledge that failure to do so may result in rejection or deobligation of the grant or loan award. I acknowledge that failure to comply with all federal and program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.
4. I certify that the entity(ies) I represent has and will comply with all applicable administrative and federal statutory, regulatory, and policy requirements set forth in the Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements ("DOC Pre-Award Notification"), published in the Federal Register on February 11, 2008 (73 FR 7696), as amended; DOC Financial Assistance Standard Terms and Conditions (Mar. 8, 2009); the Department of Commerce American Recovery and Reinvestment Act Award Terms (Apr. 9, 2009); and any Special Award Terms and Conditions that are included by the Grants Officer in the award.
5. I certify that any funds awarded to the entity(ies) I represent as a result of this application will not result in any unjust enrichment of such entity(ies) or duplicate any funds such entity(ies) receive under federal universal service support programs administered by the Universal Service Administrative Corporation (USAC).
6. I certify that the entity(ies) I represent has secured access to pay the 20% of total project cost or has petitioned the Assistant Secretary of NTIA for a waiver of the matching requirement.

3/25/2010  
Date

Mark Stevenson  
Authorized Organization Representative Signature

Mark Stevenson  
Print Name

President  
Title



# **Comprehensive Community Infrastructure** **Budget Narrative Template**

**Applicant Name: Nexus Systems, Inc.**

**EasyGrants Number:7523**

**Organization Type: Private For Profit**

**Proposed Period of Performance: July 2010 – June 2012**

**Total Project Costs: \$12,343,984**

**Total Federal Grant Request: \$9,163,384**

**Total Matching Funds (Cash): \$1,057,000**

**Total Matching Funds (In-Kind): \$2,123,600**

**Total Matching Funds (Cash + In-Kind): \$3,180,600**

**Total Matching Funds (Cash + In-Kind) as Percentage of Total Project Costs: 25.76%**

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## **1. Administrative and legal expenses - \$xxx**

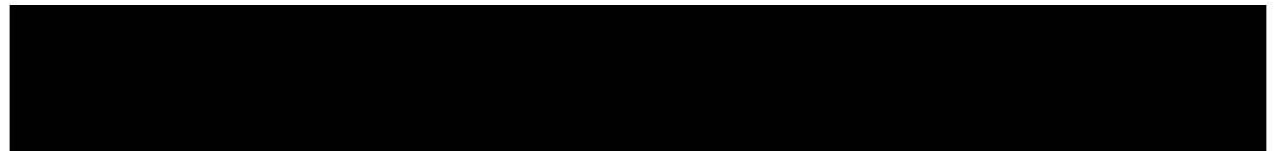
**- Provide a breakout of position(s), time commitment(s) such as hours or level-of-effort, and salary information/rates with a detailed explanation, and additional information as needed.**

No administrative and legal expenses are requested. Any such will be handled by in-house staff of Nexus Systems.

**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**



**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

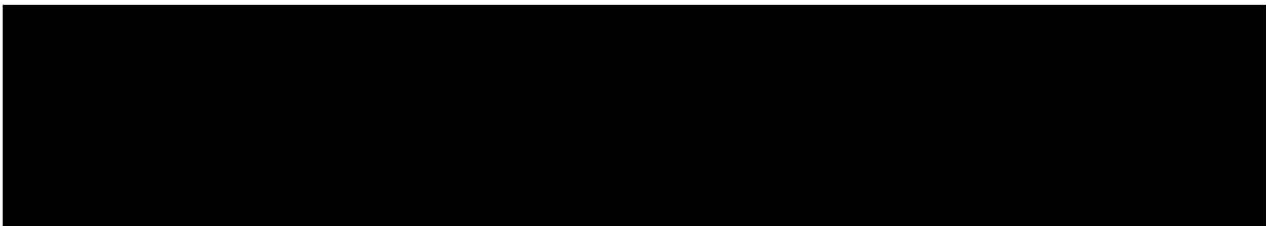






**2. Land, structure, rights-of-way, appraisals, etc. - \$xxx**

- Provide description of estimated costs, proposed activities, and additional information as needed.
  
- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.
  
- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.



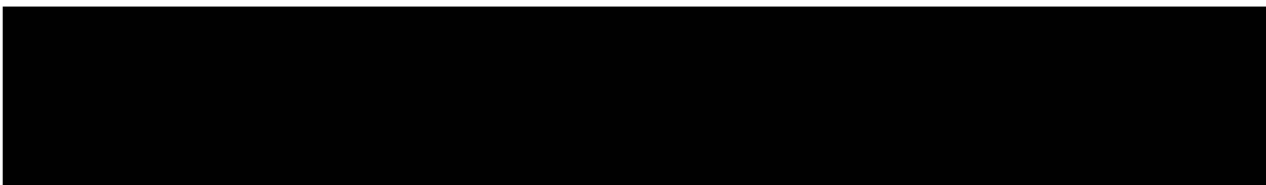
**3. Relocation expenses and payment - \$xxx**

- Provide explanation for the relocation, description of the person involved in the relocation, method used to calculate costs, and additional information as needed.
  
- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.
  
- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.



**4. Architectural and engineering fees - \$xxx**

- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.
  
- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.
  
- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.





[REDACTED]

**5. Other architectural and engineering fees - \$xxx**

- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.
- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.
- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

[REDACTED]

**6. Project inspection fees - \$xxx**

- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.
- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.
- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

[REDACTED]

**7. Site work - \$xxx**

- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.
- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.
- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

[REDACTED]

**8. Demolition and removal - \$xxx**

- Provide description of estimated fees, rates explanation of proposed services, and additional information as needed.



- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

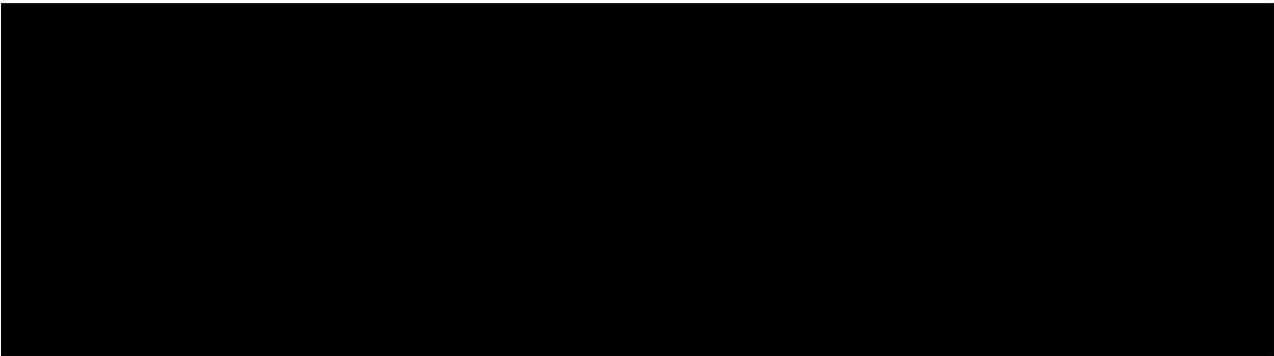


**9. Construction - \$xxx**

- Provide description of estimated fees, rates, explanation of proposed services, state whether the work is being completed by the applicant or an outside contractor, and additional information as needed.

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

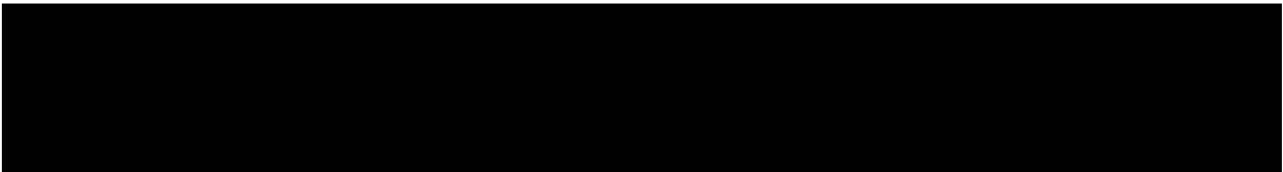


**10. Equipment - \$xxx**

- Provide a list of equipment in the form of a table with description, number of units, unit cost, state whether it is being purchased or leased, and additional information as needed.

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.



**11. Miscellaneous - \$xxx**



- Provide additional information as needed.
- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.
- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.



**13. Contingencies - \$0**

- Contingencies are an unallowable expenditures under BTOP.



**15. Project (program) income - \$0**

- The value for this line-item on the SF-424C is \$0. Please do not provide an estimated Project (program income) on the SF-424C.

**Addendum**



- Very few indirect costs are allowable through BTOP. If any allowable indirect costs and/or fringe benefits are included in the budget, please provide a copy of your existing Negotiated Indirect Cost Recovery Agreement (NICRA), if available. If the NICRA is applied accordingly in the budget, there is no need to justify the costs. If a NICRA is not available or is not consistent with the rates/calculations in the budget, please provide an explanation of how the amounts were calculated. Please clearly list the manner in which indirect costs are calculated in the budget.

**Note:** Verify that indirects are calculated correctly and are eligible BTOP costs. To clarify, reasonable indirect costs under BTOP are only allowable for Full Time Employees (FTEs) associated with the construction, deployment, or installation of facilities or equipment used to provide broadband service.

**#. Example Budget Narrative - \$724,134 (Confirm to SF-424C)**

**\$100,000** of this category is estimated for legal expenses for contract reviews based on the average legal cost of (\$4) per mile for 25,000 miles.

**\$134** of this category is estimated for legal court filings.

**\$624,000** of this category is estimated for Project Engineering Staff which consists of a project manager and two (2) network engineers.

Staff	Hours	Years	Rate	Total Cost
Project Manager	2080	3	\$20/hr	\$124,800
Project Engineer	2080	3	\$30/hr	\$187,200
Civil Engineer	2080	3	\$50/hr	\$312,000
<b>TOTAL:</b>				<b>\$624,000</b>

## **BTOP Comprehensive Community Infrastructure Project Plan and Build-out Timeline**

Please complete the Project Plan and Build-out Timeline templates below. Note that these templates may be modified by applicants in order to provide the most effective presentation of the data for their specific project. Applicants should ensure, however, that they provide at least as much detail as the provided templates require.

For system stability reasons, it is recommended that you provide this upload in PDF format. This instruction page need not be included in the upload.

**PROJECT PLAN**

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- Use the following table to list the major network build-out phases and milestones that can demonstrate that your entire project will be substantially complete by the end of Year 2 and fully complete by the end of Year 3. This is to be done at the aggregate level (combining all proposed funded service areas.)
- Indicated how the milestones listed below will demonstrate these completion objectives. The applicant should consider such project areas as: a) network design; b) securing all relevant licenses and agreements; c) site preparation; d) inside plant deployment; e) outside plan deployment; f) deployment of business & operational support systems; g) network testing; f) network operational. The applicant may provide any other milestones that it believes showcase progress.
- Project inception (Year 0) starts at the date when the applicant receives notice that the project has been approved for funding.
- In the table, provide any information (e.g., facts, analysis) to: a) demonstrate the reasonableness of these milestones; b) substantiate the ability to reach the milestones by the quarters indicated.

Time Period	Quarter	Milestones	Support for Reasonableness/Data Points
Year 0	-		
Year 1 July 2010	Qtr. 1 July		

	Qtr. 2 Oct	
	Qtr. 3 Jan 2011	
	Qtr. 4 Mar 2011	<ul style="list-style-type: none"><li>List all relevant milestones</li></ul>



Year 2	Qtr. 1 July 2011	
	Qtr. 2	
	Qtr. 3	

	Qtr. 4		
Year 3	Qtr. 1		
	Qtr. 2		
	Qtr. 3		
	Qtr. 4		

**BUILD-OUT TIMELINE**

Complete the following schedule for *each* Last Mile or Middle Mile Service Area to note the degree of build-out, based on: a) infrastructure funds awarded; b) entities passed (households, businesses, and community anchor institutions.). In addition, please complete a schedule that aggregates the build-out timeline across all of the Proposed Funded Service Area.

Service Area	Louisiana Piney Hills Parishes Broadband Infrastructure Project												
	YEAR 0	YEAR 1				YEAR 2				YEAR 3			
		Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4
Infrastructure Funds													
Infrastructure Funds Advanced (estimate)													
Percentage of Total Funds													
Entities Passed & %													
Households													
Percentage of Total Households													
Businesses													
Percentage of Total Businesses													
Community Anchor Institutions													
Percentage of Total Institutions													

## CERTIFICATION REGARDING LOBBYING

Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, "New Restrictions on Lobbying." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of Commerce determines to award the covered transaction, grant, or cooperative agreement.

### LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

**As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification.**

### Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

In any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

NAME OF APPLICANT

*Nexus Systems Inc*

AWARD NUMBER AND/OR PROJECT NAME

*0660-ZA28 Project 7523*

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

*Mark Stevenson, President*

SIGNATURE

*Mark Stevenson*

DATE

*5/24/2010*

## CERTIFICATIONS REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION-LOWER TIER COVERED TRANSACTIONS AND LOBBYING

Applicants should refer to the regulations cited below to determine the certification to which they are required to attest. Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 26, "Governmentwide Debarment and Suspension (Nonprocurement)" and 15 CFR Part 28, "New Restrictions on Lobbying."

### 1. DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION-LOWER TIER COVERED TRANSACTIONS

As required by Executive Order 12549, Debarment and Suspension, and implemented at 15 CFR Part 26, Section 26.510, Participants responsibilities, for prospective participants in lower tier covered transactions (except subcontracts for goods or services under the \$25,000 small purchase threshold unless the subtier recipient will have a critical influence on or substantive control over the award), as defined at 15 CFR Part 26, Sections 26.105 and 26.110 -

(1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

(2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

### 2. LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

**As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification(s).**

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

### Statement for loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

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NAME OF APPLICANT

AWARD NUMBER AND/OR PROJECT NAME

Nexus Systems Inc.

0660-2A28 Project 7523

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Mark Stevens, President

SIGNATURE

DATE

Mark Stevens

5/24/2010

# DISCLOSURE OF LOBBYING ACTIVITIES

Approved by OMB

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

0348-0046

(See reverse for public burden disclosure.)

<b>1. Type of Federal Action:</b> <input checked="" type="checkbox"/> a. contract <input type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance	<b>2. Status of Federal Action:</b> <input checked="" type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award	<b>3. Report Type:</b> <input checked="" type="checkbox"/> a. initial filing <input type="checkbox"/> b. material change <b>For Material Change Only:</b> year _____ quarter _____ date of last report _____
<b>4. Name and Address of Reporting Entity:</b> <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known:  <i>Nexus Systems Inc</i> <i>2904 Evangelina Street</i> <i>Monroe LA 71201</i>  <b>Congressional District, if known:</b> LA District 8	<b>5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime:</b>     <b>Congressional District, if known:</b>	
<b>6. Federal Department/Agency:</b>  U. S. Department of Commerce	<b>7. Federal Program Name/Description:</b>  BTOP (Round 2) Project 0660-ZA28 (Application 7523)  CFDA Number, if applicable: _____	
<b>8. Federal Action Number, if known:</b>	<b>9. Award Amount, if known:</b>  \$	
<b>10. a. Name and Address of Lobbying Registrant</b> <i>(if individual, last name, first name, MI):</i> (NONE)	<b>b. Individuals Performing Services</b> <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i> (NONE)	
<b>11.</b> Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature: <u><i>Mark Stevenson</i></u> Print Name: <u>Mark Stevenson</u> Title: <u>President</u> Telephone No.: <u>318-340-0750</u> Date: <u>05/24/2010</u>	

**Federal Use Only:**

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Standard Form LLL (Rev. 7-97)

**BROADBAND TECHNOLOGY OPPORTUNITIES PROGRAM**  
**Federal Request and Match Verification**

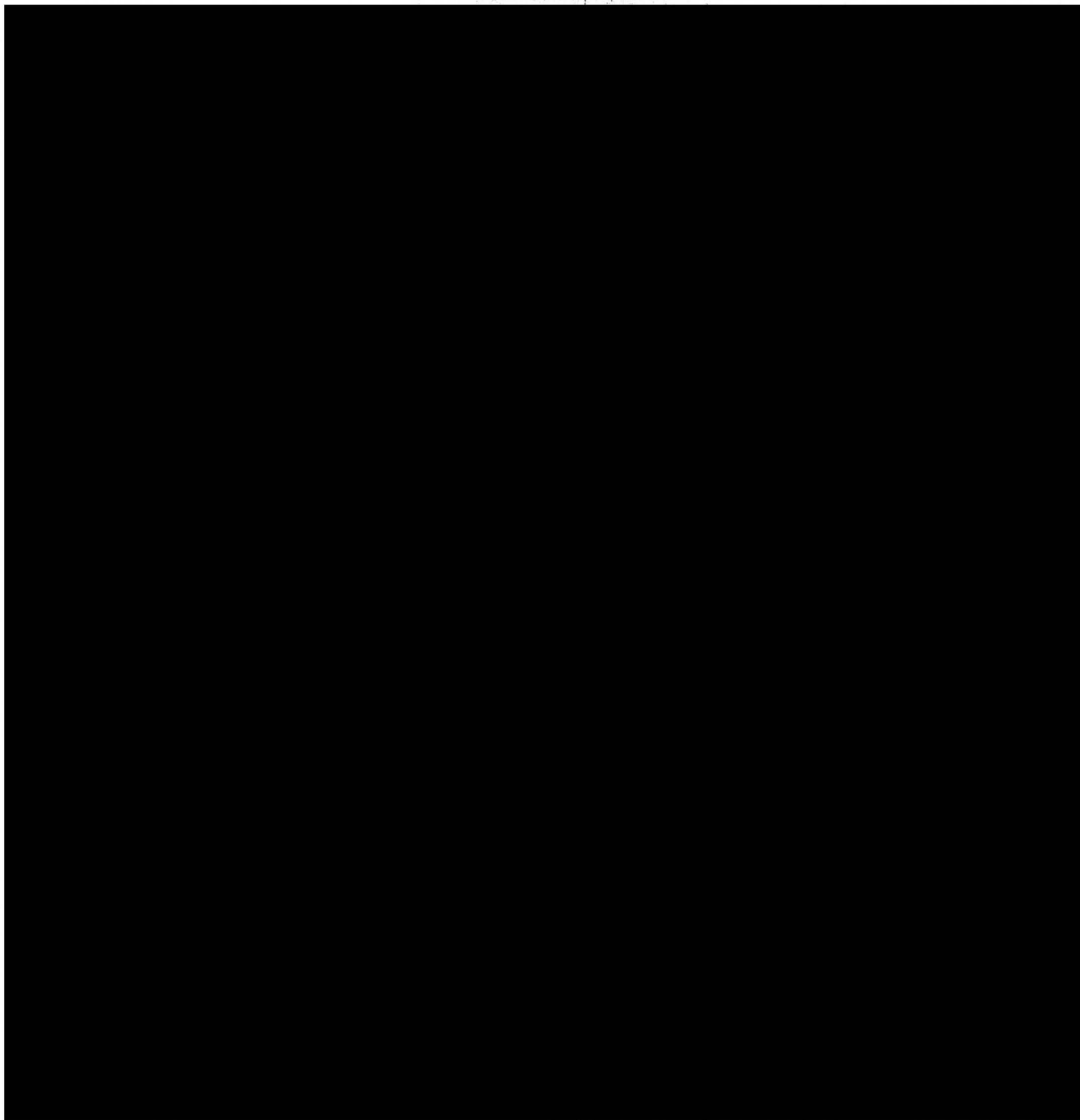
Name of Applicant Organization Nexus Systems Inc  
DUNS Number 165271250  
Easy Grants # of Submitted Application 7523

As an Authorized Organizational Representative of the entity listed above, I verify that

(i.) The amounts in the "Grant Request" column from the budget table submitted by the entity I represent in response to Question 44 on page 17 of the Broadband Infrastructure Application completely and accurately reflect the amount of the organization's Federal grant request to NTIA; and

(ii.) The amounts in the "Cash \$" and "In-kind \$" fields submitted by the entity I represent in response to Question 52 on page 19 of the Broadband Infrastructure Application completely and accurately reflect, respectively, the organization's cash and in-kind matching contributions for the proposed project.

Signature of authorized person Mark Stevenson Date 5/24/2010  
Print name of authorized person Mark Stevenson  
Title or position President




*Booth Giger & DeWitt, LLP*





NEXUS SYSTEMS, INC.

FINANCIAL REPORT



## Comprehensive Community Infrastructure Key Metrics Dashboard

Please refer to the CCI Grant Guidelines for instructions on completing this form.

Applicant Profile	
Applicant Name	Nexus Systems Inc.
Title	Louisiana "Piney Hills" Parishes Broadband Infrastructure Project
Easygrants ID	7523
Headquarters	<b>Monroe LA</b>
Size (2009 Data) of Applicant Entity	<ul style="list-style-type: none"> <li>• [REDACTED]</li> <li>• [REDACTED]</li> </ul>
Technology Type	<b>Fiber and Microwave Middle Mile Infrastructure</b>
Key Partners	<b>Louisiana Board of Regents</b>

Project Economics			
Budget Information		Project Financials	
Project Budget	[REDACTED]	Project Revenues (Yr 8)	[REDACTED]
Federal Contribution (%)	[REDACTED]	Net Income and Margin (Yr 8)	[REDACTED]
Cash Match Amount (%)	[REDACTED]	EBITDA and Margin (Yr 8)	[REDACTED]
In Kind Match Amount (%)	[REDACTED]	Rate of Return (w/o BTOP Funds)	[REDACTED]
<b>Middle Mile/Last Mile Budget Allocation</b>		Rate of Return (w/ BTOP Funds)	[REDACTED]
Middle Mile Percentage (%)	[REDACTED]	<b>Cost Efficiency</b>	
Last Mile Percentage (%)	[REDACTED]	Cost per Mile (MM)	[REDACTED]
Rural Last Mile Percentage	[REDACTED]	Cost per Household (LM)	[REDACTED]

Market Territory	
Geographic Area(s)	[REDACTED]
Middle Mile Network Composition	
Total Proposed Network Miles (MM only)	<ul style="list-style-type: none"> <li>• Total Miles: [REDACTED]</li> <li>• Backbone Miles: [REDACTED]</li> <li>• Lateral Miles: [REDACTED]</li> </ul>
New Construction Network Miles (MM only)	<ul style="list-style-type: none"> <li>• Total Miles: [REDACTED]</li> <li>• Backbone Miles: [REDACTED]</li> <li>• Lateral Miles: [REDACTED]</li> </ul>
Existing Applicant Network Miles Utilized (MM only)	<ul style="list-style-type: none"> <li>• Total Miles: [REDACTED]</li> <li>• Backbone Miles: [REDACTED]</li> <li>• Lateral Miles: [REDACTED]</li> </ul>
Leased Network Miles Utilized (MM only)	<ul style="list-style-type: none"> <li>• Total Miles: [REDACTED]</li> <li>• Backbone Miles: [REDACTED]</li> <li>• Lateral Miles: [REDACTED]</li> </ul>
Underserved/Unserved	<ul style="list-style-type: none"> <li>• Percentage of Backbone Miles in Underserved/Unserved Areas: [REDACTED]</li> <li>• Percentage of Lateral Miles in Underserved/Unserved Areas: [REDACTED]</li> </ul>
Existing Customer Base	

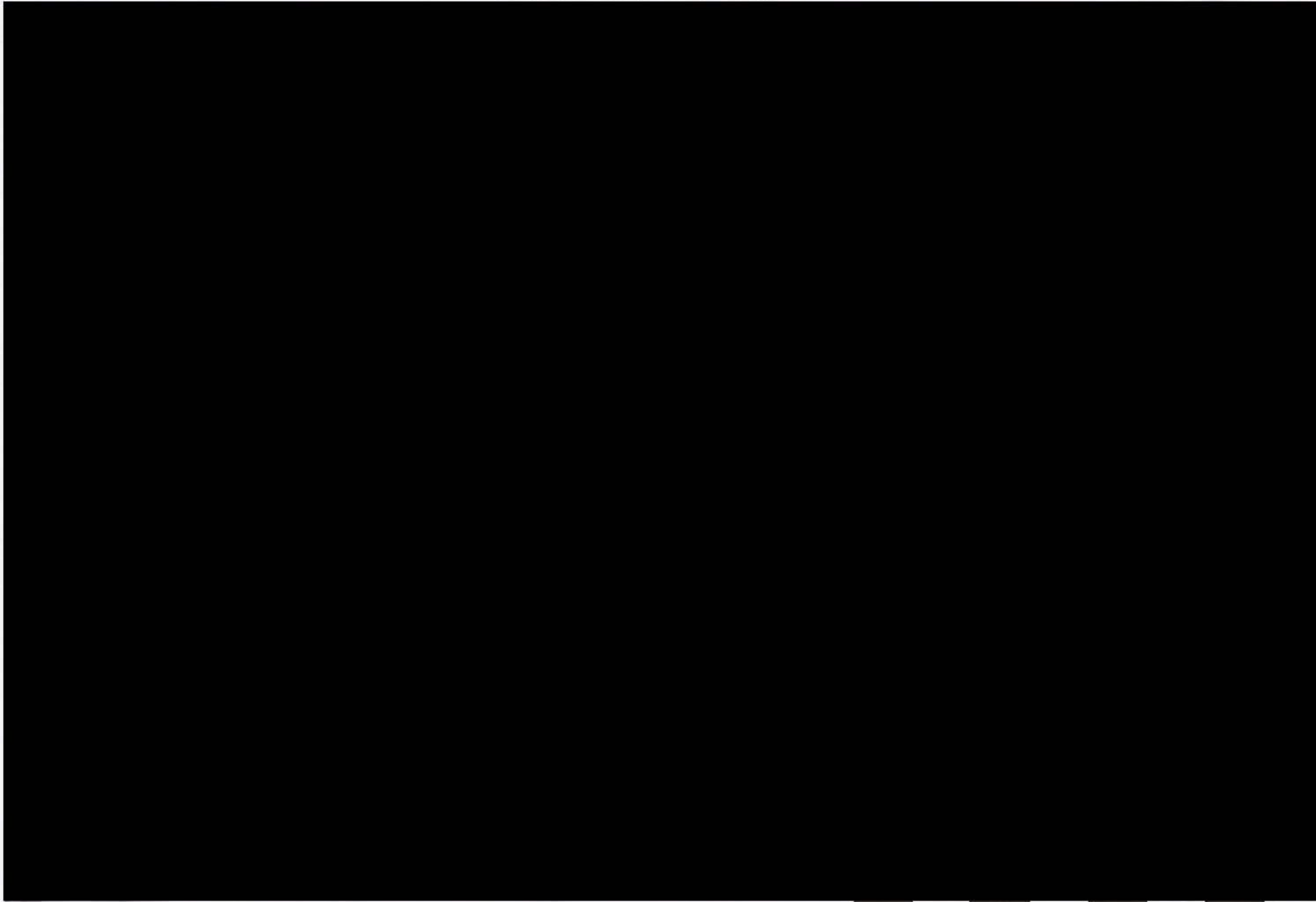
## Comprehensive Community Infrastructure Key Metrics Dashboard

Existing Residential/Individual Customers within PFSA	█
Existing Business Customers within PFSA	█
Existing Community Anchor Institution Customers within PFSA	<ul style="list-style-type: none"> <li>• Total CAI's: █</li> <li>• Community Colleges █</li> <li>• Public Safety Entities: █</li> </ul>
Existing Third Party Service Provider Customers within PFSA	█
<b>Potential Customer Base</b>	
Market Potential Households (within PFSA)	<ul style="list-style-type: none"> <li>• Total HH's: █</li> <li>• Located in Underserved/Unserved Areas: █</li> </ul>
Market Potential Businesses (within PFSA)	<ul style="list-style-type: none"> <li>• Total Businesses: █</li> <li>• Located in Underserved/Unserved Areas: █</li> </ul>
Market Potential Community Anchor Institutions (within PFSA)	<ul style="list-style-type: none"> <li>• Total CAI's: █</li> <li>• Located in Underserved/Unserved Areas: █</li> <li>• Community Colleges █</li> <li>• Public Safety Entities █</li> </ul>
Market Potential Third Party Service Providers (within PFSA)	<ul style="list-style-type: none"> <li>• Total Third Party Service Providers in PFSA: █</li> <li>• Expressing Commitment or Letter of Interest: █</li> </ul>
<b>Funded Network Coverage</b>	
Households Connected to Network (via BTOP Funds by end of Year 3)	<ul style="list-style-type: none"> <li>• Total Households Connected: █</li> <li>• Located in Underserved/Unserved Areas: █</li> </ul>
Businesses Connected to Network (via BTOP Funds by end of Year 3)	<ul style="list-style-type: none"> <li>• Total Businesses Connected: █</li> <li>• Located in Underserved/Unserved Areas: █</li> </ul>
Community Anchor Institutions Directly Connected (via BTOP Funds by end of Year 3)	<ul style="list-style-type: none"> <li>• Total Directly Connected CAI's: █</li> <li>• Located in Underserved/Unserved Areas: █</li> <li>• Community Colleges █</li> <li>• Public Safety Entities █</li> </ul>
Projected Subscribers by Year Five	<p><b><u>Directly Served by Applicant</u></b></p> <ul style="list-style-type: none"> <li>• Community Anchor Institutions: █</li> <li>• Households: █</li> <li>• Businesses: █</li> <li>• Third Party Service Providers: █</li> </ul> <p><b><u>Served by Proposed Network Via Third Party Service Provider</u></b></p> <ul style="list-style-type: none"> <li>• Community Anchor Institutions: █</li> <li>• Households: █</li> <li>• Businesses: █</li> </ul>

## Comprehensive Community Infrastructure Key Metrics Dashboard

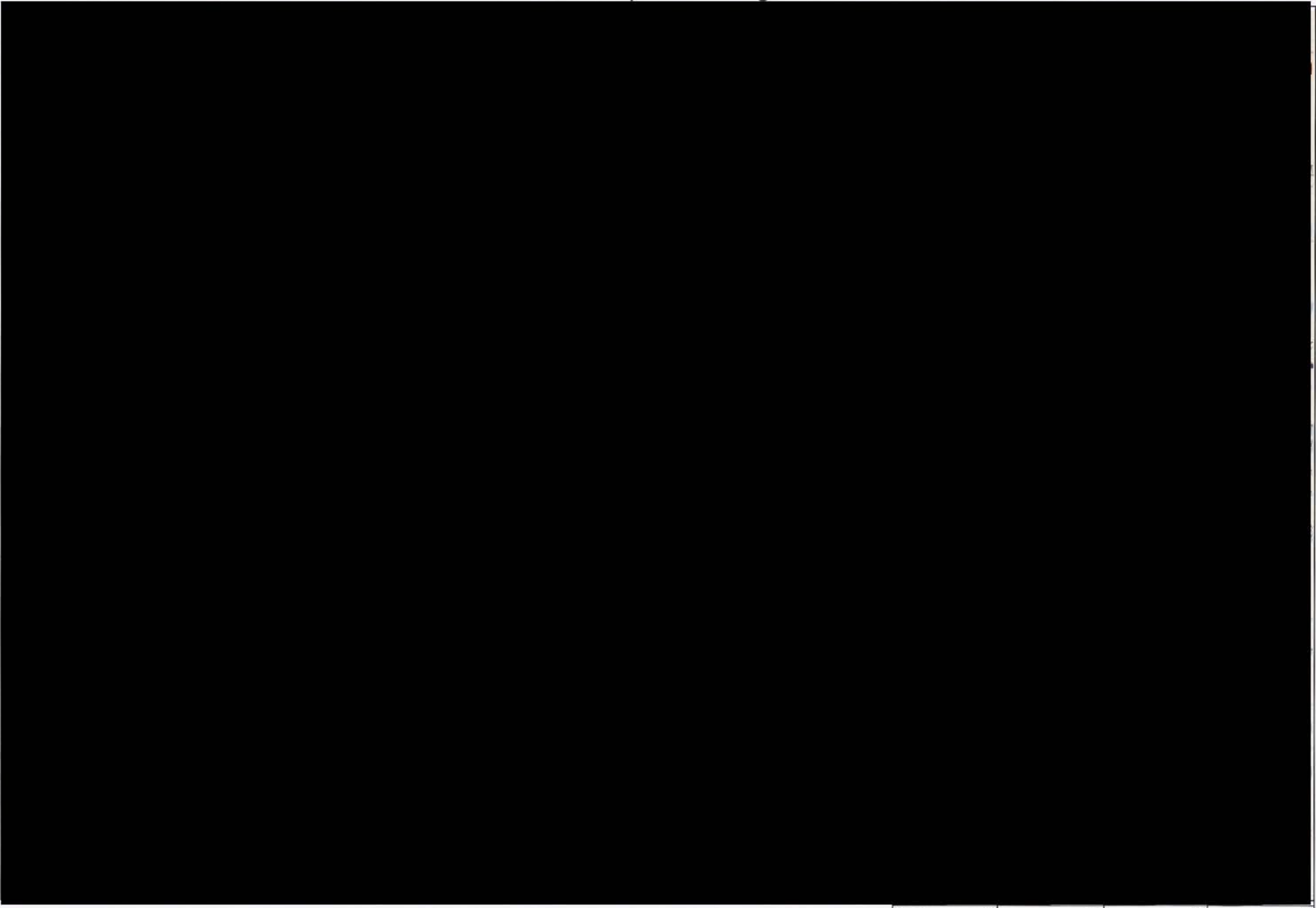
Other	
Proposed MM Network Capacity	<ul style="list-style-type: none"> <li>• Backbone: [REDACTED]</li> <li>• Laterals: [REDACTED]</li> </ul>
Proposed LM Network Speed	<ul style="list-style-type: none"> <li>• Highest offered speed tier: [REDACTED]</li> <li>• Estimated Average speed for highest speed [REDACTED]</li> </ul>
Total Points of Interconnection	<ul style="list-style-type: none"> <li>• Total Pol's: [REDACTED]</li> <li>• Pol's in Underserved/Unserved Areas: [REDACTED]</li> <li>• Environmentally-controlled, non-passive Pols [REDACTED]</li> </ul>
Jobs Created	<ul style="list-style-type: none"> <li>• <b>Direct Job-years:</b> [REDACTED]</li> <li>• <b>Indirect Job-years:</b> [REDACTED]</li> <li>• <b>Induced Job-years:</b> [REDACTED]</li> </ul>
Required Time for Project Completion (Number of Required Quarters to Fully Build-out and Test Network and Make Ready for Commercial Service)	[REDACTED]

# Round 2 Map North Segment



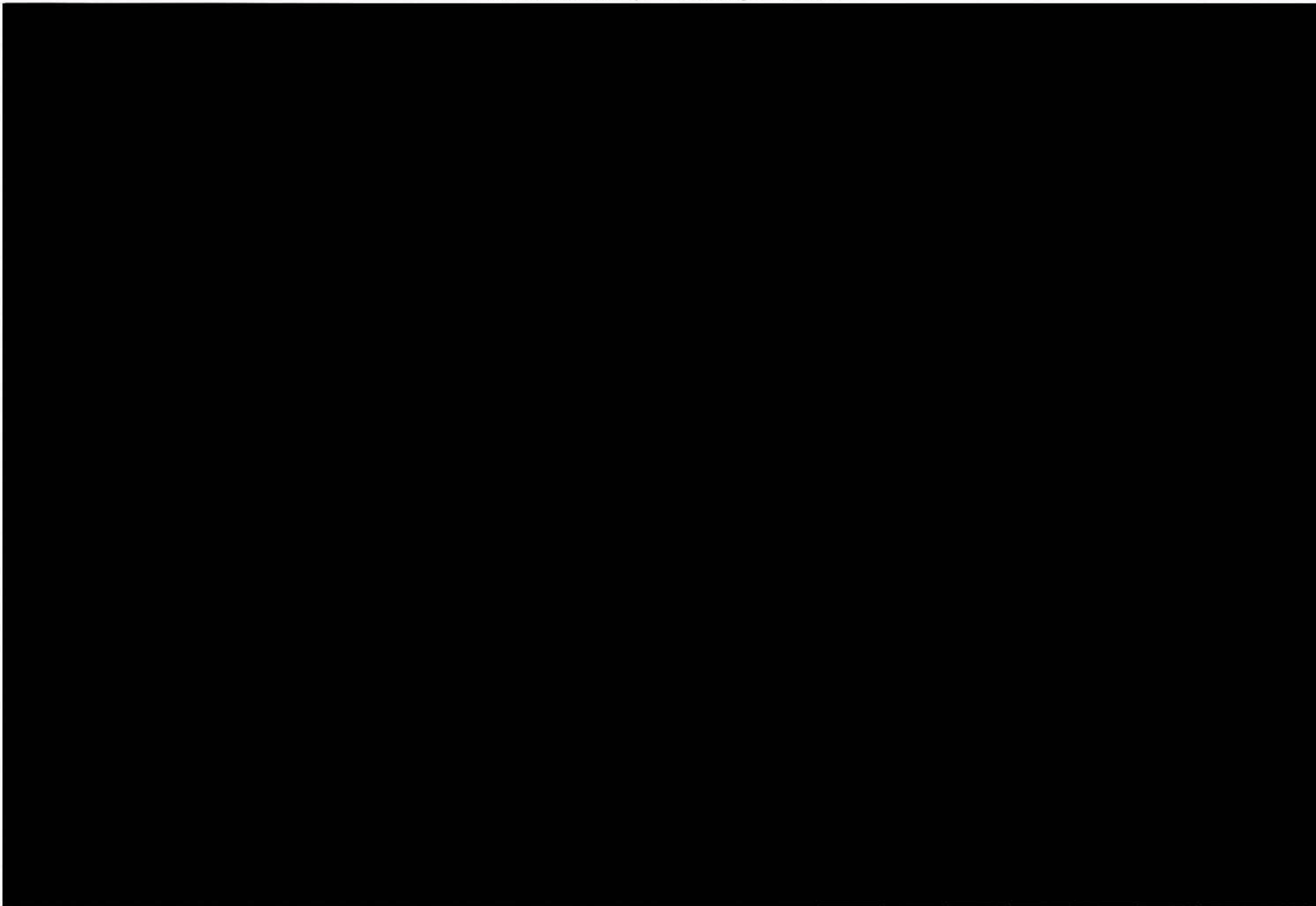
0 mi 10 20 30 40

# Round 2 Map South Segment



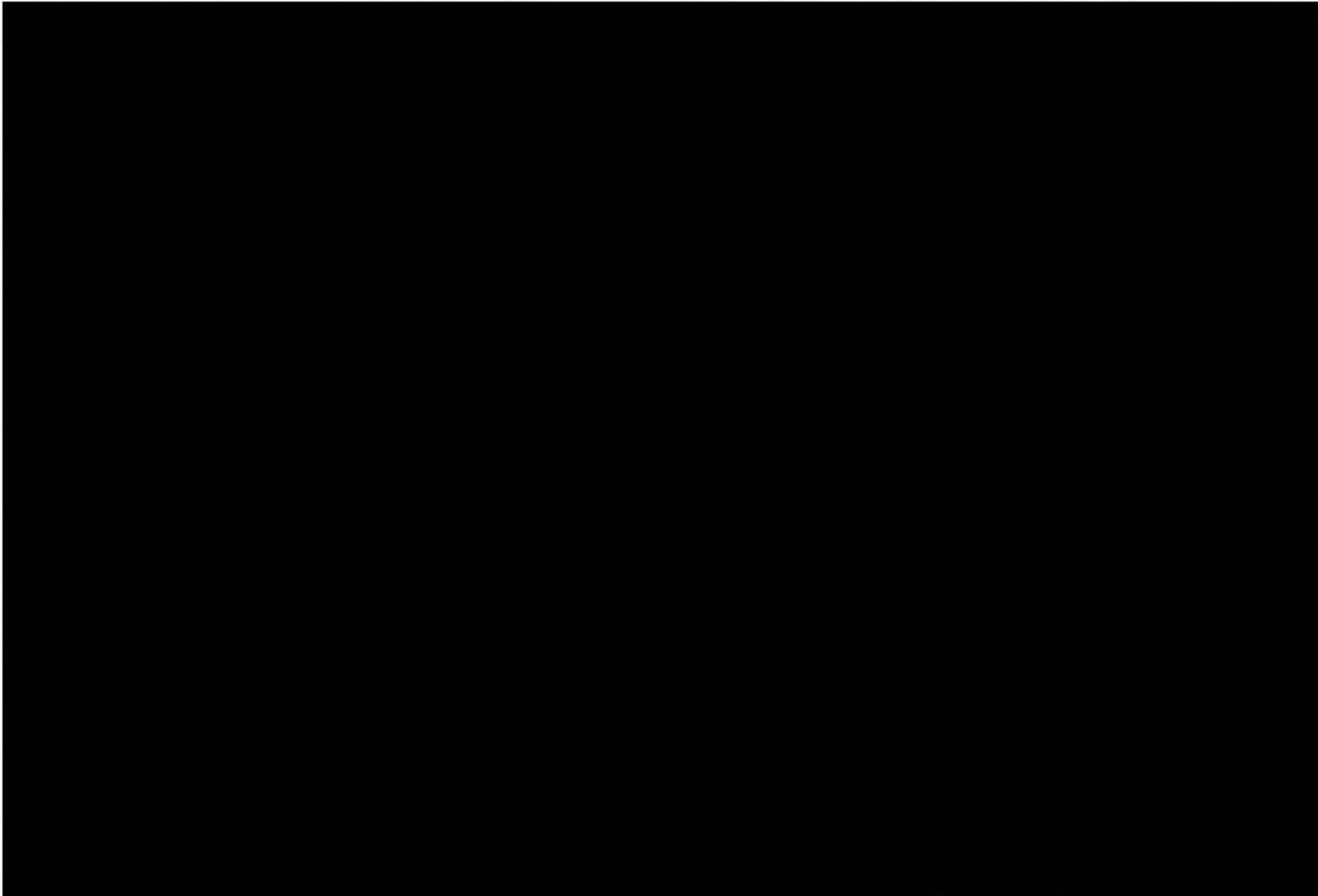
0 mi 10 20 30 40

# Round 2 Map Coverage North



0 mi 10 20 30 40

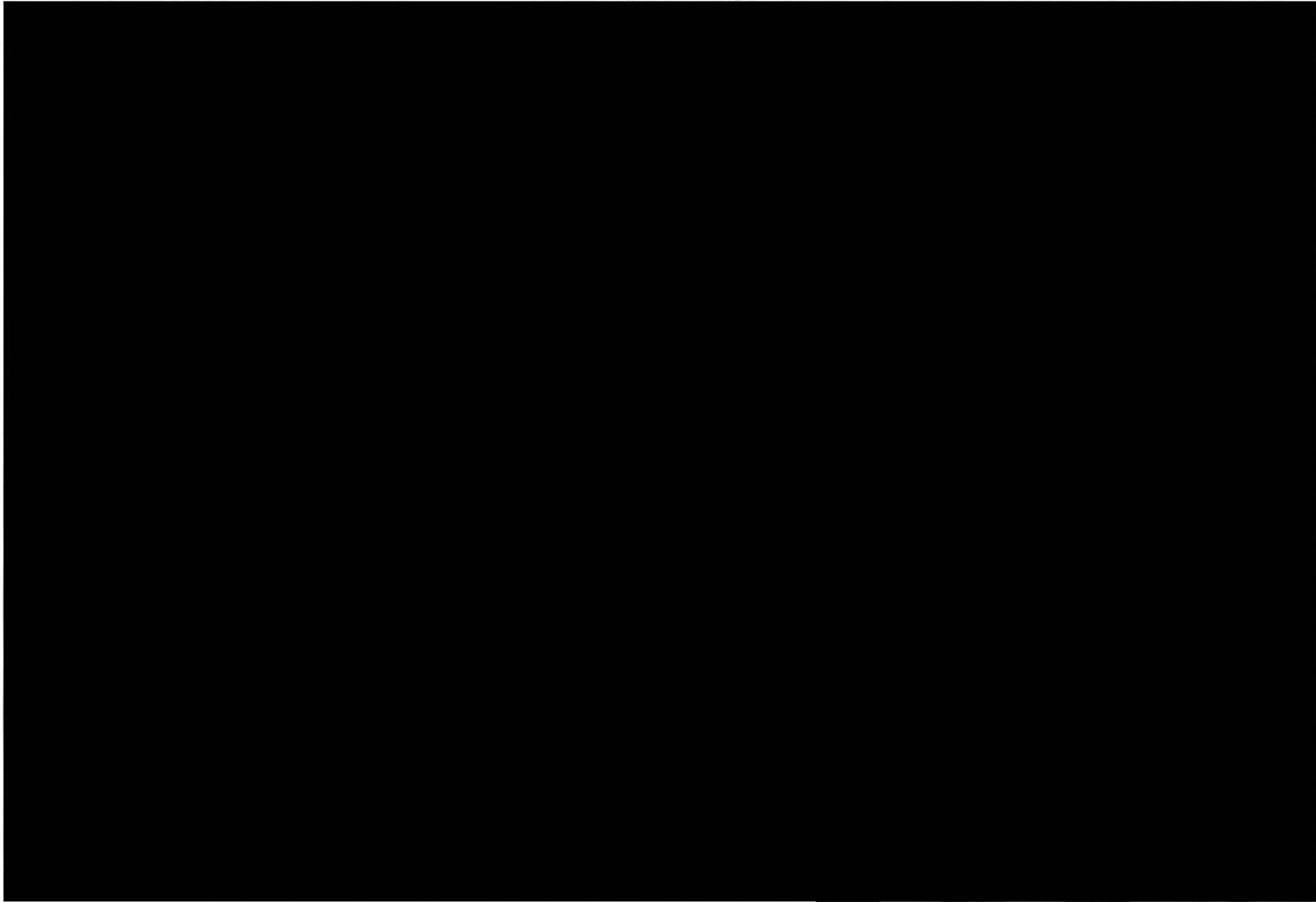
# Round 2 Map Coverage Central



0 mi 10 20 30 40



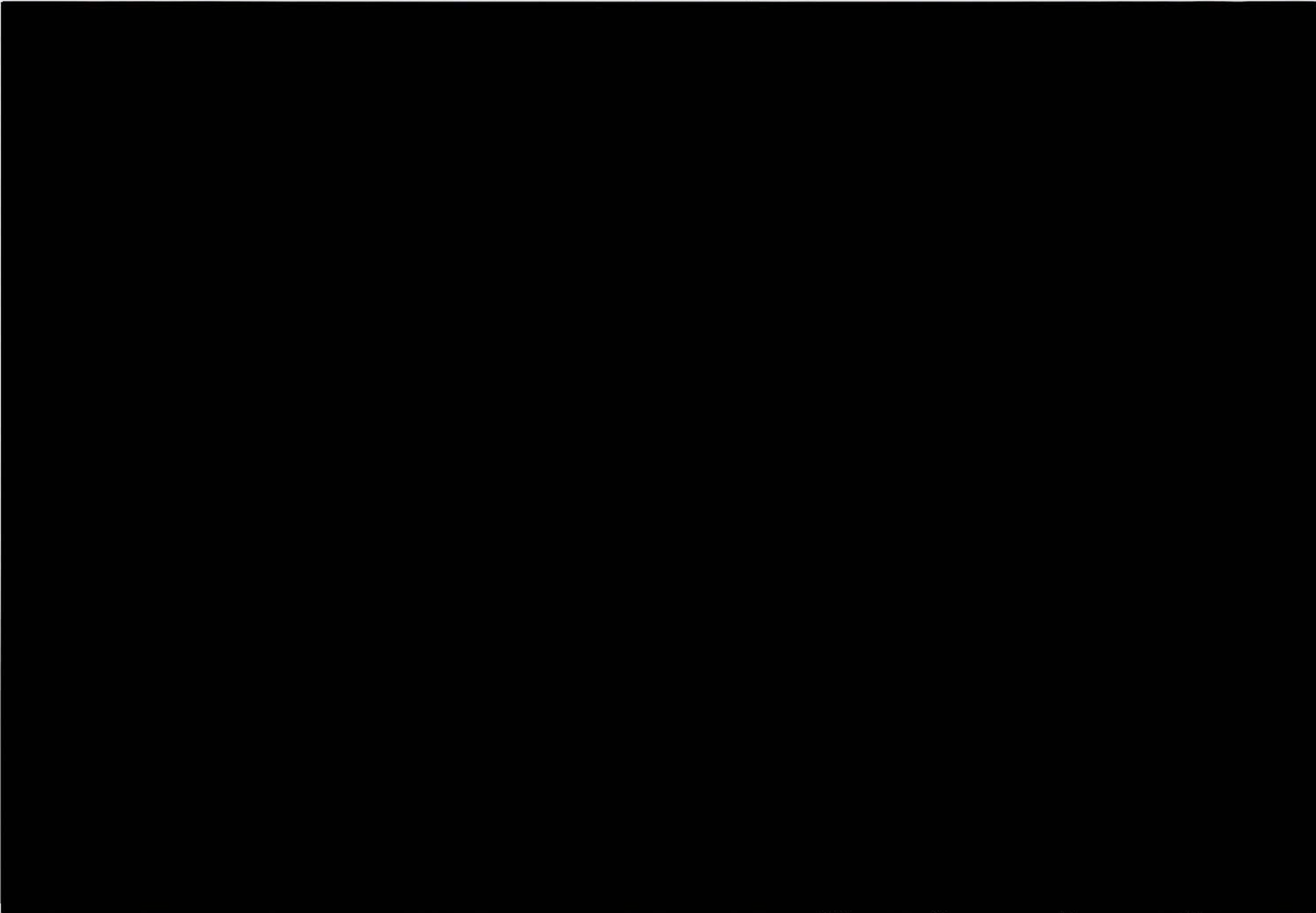
# Round 2 Map Coverage South



0 mi 10 20 30 40



# Round 2 Map Coverage North



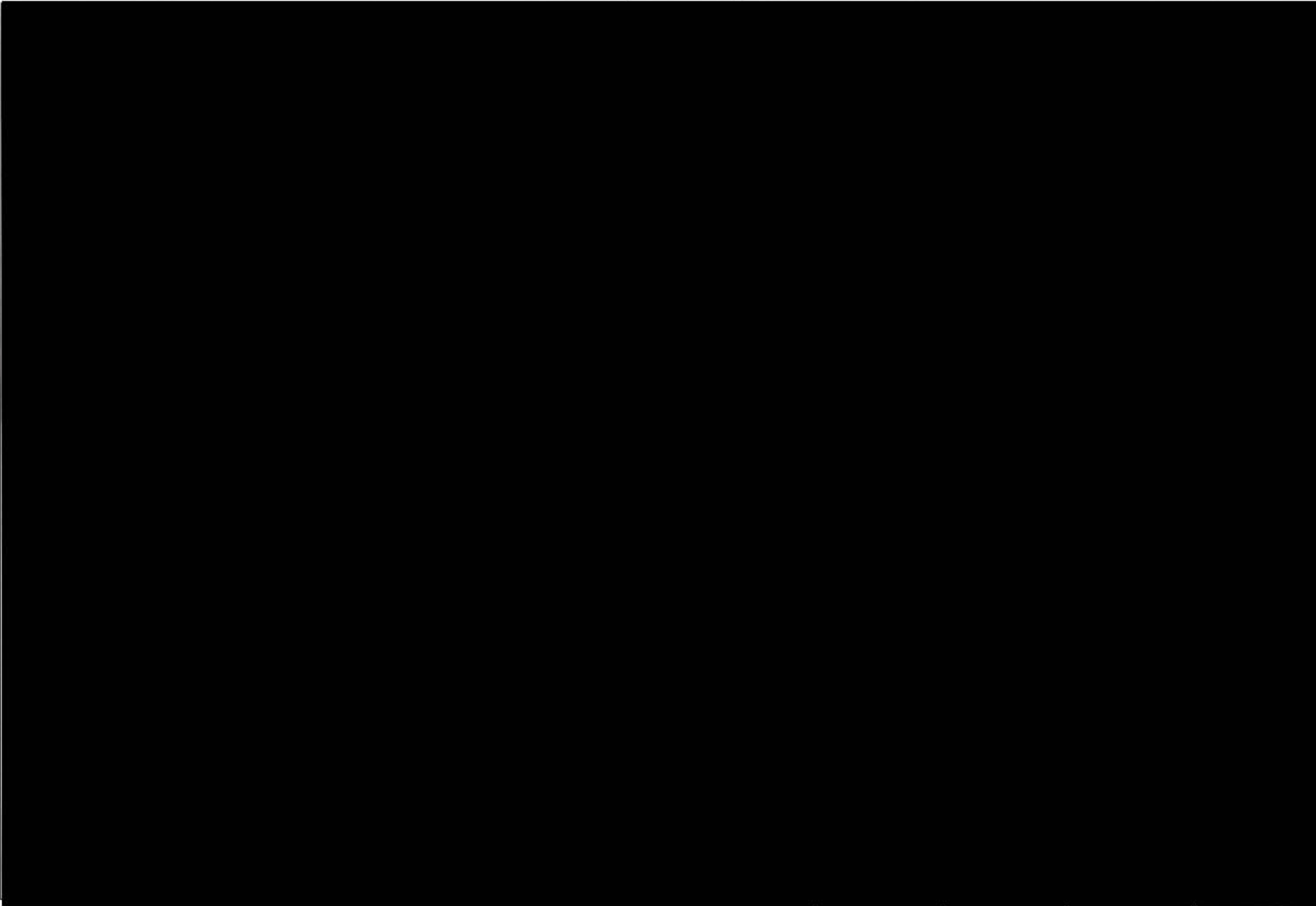
0 mi 10 20 30 40

# Round 2 Map Coverage Central



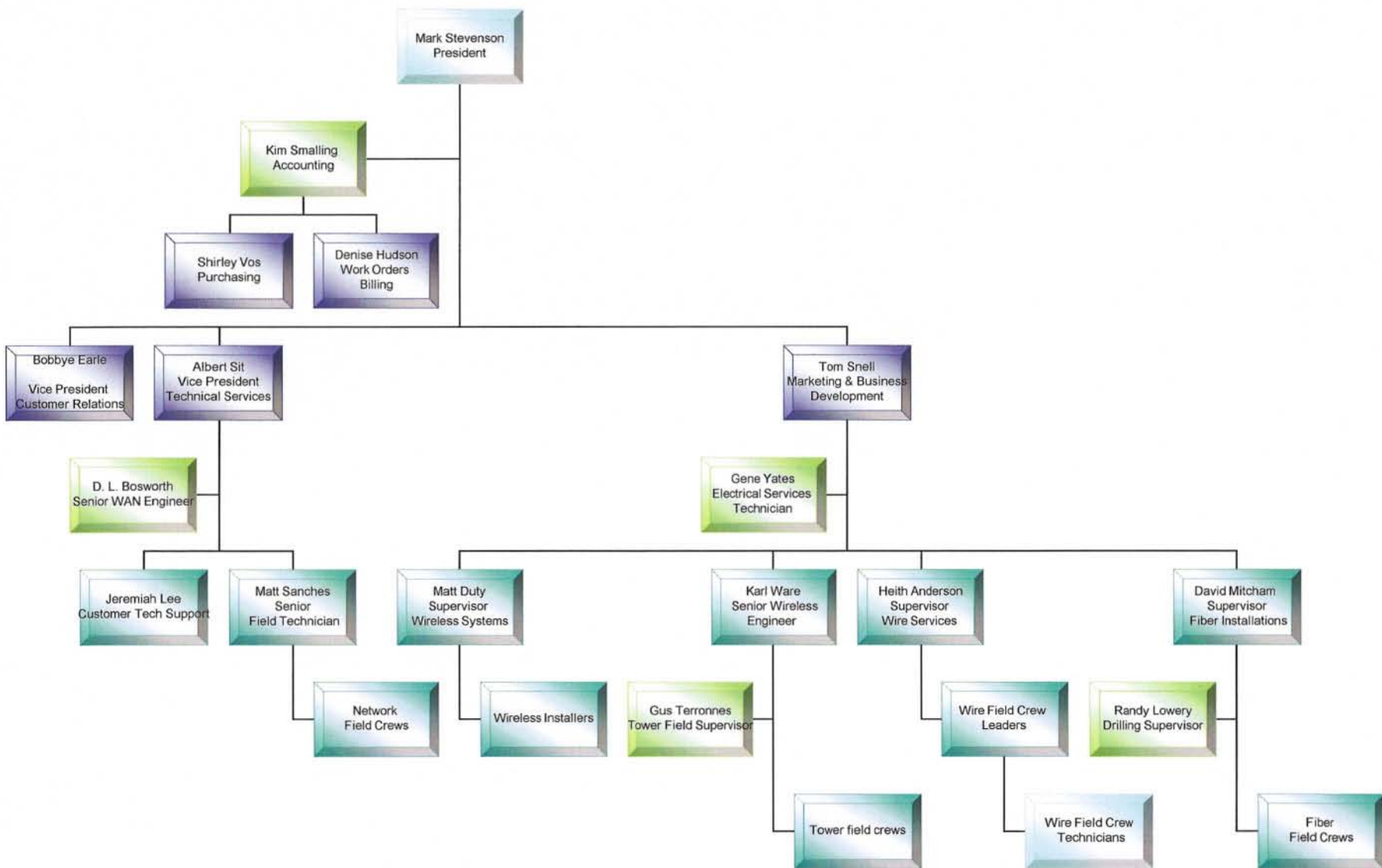
0 mi 10 20 30 40

# Round 2 Map Coverage South



0 mi 10 20 30 40

# Nexus Organizational Chart



**NEXUS SYSTEMS**  
**TECHNICAL AND MANAGERIAL STAFF**

**Mark Stevenson – President**

**Education** – BBA/Accounting; MBA

**Work History** – Interned at ULM in Computer Center (MBA); employed 15 years at Ouachita Parish School Board established computing center and all administrative and academic computing services at district; employed 8 years at Monroe City School Board implemented 6 million dollar technology program linking 20 schools and over 3,000 network points; State evaluator for DANS, CBTF, TLCF programs; extensive technology consulting in wholesale, financial, insurance and related industries.

**Tze Hung Sit (Albert) – Vice President – Technical Services**

**Education** – BS/Civil Engineering; BS/Computer Science; MS/Computer Science

**Work History** – Employed 10 years at Ouachita Parish School Board, established WAN and programming services at district; employed 10 years at Monroe City School Board designing and implementing model networking programs; extensive corporate consulting designing in wholesale, financial, insurance and related industries; primary systems designer for Nexus Systems Internet and WAN services.

**Bobbie Earle – Vice President – Customer Relations**

**Education** – BS – Medical Technology; MEd – Education Guidance & Counseling

**Related Certifications** – Chemistry, Biology, Science, Counseling, Instructional Supervisor, Parish Superintendent; Certified Evaluator; State Notary

**Work History** – Employed 15 years as technical sciences teacher; State DOE Administrative Officer 7 years; Instructional Supervisor and Technologist Union Parish 16 Years; primary contact for Nexus Systems customer relations/support and grant development and management

**Tom Snell – Vice President – Marketing & Business Development**

**Education** – BS in Business Finance, MEd in Education Administration & Supervision

**Related Certifications** – Mathematics, Administration & Supervision, Instructional Supervisor, Parish Superintendent

**Work History** – Employed 11 years as Mathematics teacher and Varsity Baseball/Basketball Coach, School and District Athletic Director, Technology Director for Union Parish School District for 5 years, Union Parish School Superintendent for 5 years

**Kim Smalling – Accountant**

**Education** – BA/Accounting; MBA

**Related Certifications** – LASBO, CSBO; State Notary

**Work History** – Employed 22 years in Ouachita Parish and Monroe City as Chief Accountant responsible for over \$50 million per year in budget covering over 50 funds; responsible for general accounting. Employed 9 years with Nexus Systems

**Shirley Vos – Purchasing Officer**

**Education** – Delta Ouachita Technical College, graduated in Accounting and Office Systems

Management.

**Work History** – Operator at GM guide Plant 9 years and 2 years in the Credit Union. Nexus Purchasing Officer for 2 years.

**Denise Hudson – Customer Support**

**Work History** – Routing Supervisor UPS for over 6 years. Employed 1 year at Nexus Systems providing general end user support.

**D.L. Bosworth – WAN Engineer; Technical Staff**

**Education** – BS/Electrical Engineering

**Related Certifications** – Cisco CE; (also teaches Cisco Academy at North Delta Community College)

**Work History** – Employed over 10 years at Nexus Systems as primary WAN/Internet engineer and in-house Internet support; responsible for over 200 routed sites.

**Matt Sanches – Technical Staff**

**Education** – BS/Computer Science

**Work History** – Employed 4 years at Monroe City providing network support services; employed at Nexus Systems over 10 years providing in-house and field support for all Internet installation and support services.

**Karl Ware –Chief Wireless Engineer /Supervisor**

**Education** - BS – Electronics Engineering

**Related Certifications** – Alvarion Wireless Engineer, CWNA

**Work History** – Senior Engineer for Northeast Wireless for five years (acquired by Nexus Systems). Employed 6 years with Nexus Systems

**Matt Duty – Supervisor Wireless Network Systems**

**Education** – BS - Computer Information Systems

**Work History** – Employed 4 years at Union Parish Schools providing network support services; network administration for Arkla Taylor, Inc. in Ruston. Employed 2 year2 with Nexus Systems

**Heith Anderson - Supervisor Wire Services and Telephone Systems Supervisor**

**Education** – BS in Computer Information Systems

**Work History** – Employed 2 years at Telcom Solutions, L.L.C., West Monroe Experienced in programming and installation telephone key systems and voice mail systems. Installs and tests wireless equipment, as well as tower installations. Employed 5 years with Nexus Systems

**William Ayers – Technical Staff**

**Related Certifications** – A+ Certified, MCSE

**Work History** – Employed over 20 years in industry; last 7 years with Time Trend supporting school networks. Employed with Nexus Systems over 5 years providing field support for networks.



**David Griffith - Technical Staff**

**Education** – BS – Computer Science

**Related Certifications** – Cisco CE Engineer. Employed 5 years with Nexus Systems

**Jeremiah Lee – Technical Staff/Network Technician**

**Related Training** – Interconnecting Cisco Networking Devices

**Work History** – Employed 2 years at Brining Business Solutions as a field technician.  
Employed 5 years with Nexus Systems

**Gene Yates – Electrical Services Technician**

**Related Certifications** – Licensed electrician

**Work History** – Retired Maintenance Supervisor for the University of Louisiana at Monroe.  
Employed for 5 years with Nexus in warehouse material management and electrical services

**David Mitcham – Supervisor Fiber Optic Installations**

**Work History** – Over 30 years experience in fiber and cabling project management with various companies including Time Warner Cable and Time Warner Construction as well as Sumpter Network Design and GG Rankin Fiber Installations. He has been employed with Nexus Systems for 3 years.

**Randy Lowery – Fiber Boring Machine Operator and Drilling Supervisor**

**Work History** – Over 30 years experience in all types of Construction to include tower and microwave installations as well as fiber installations.

**Heath Snell-Fiber Trenching Machine Operator**

**Education**- University Louisiana Monroe- Construction Management

**Work History**- Employed 3 years Nexus Systems in fiber and wire installations and maintenance

**Jamey Abernathy – Heavy Equipment operator and Tower Installer**

**Work History** – Over 6 years experience with heavy equipment operations including large fiber boring machines and trenchers. 2 years with Nexus Systems.

**Gus Terrones – Tower Installer**

**Related Certifications** – Certified Tower Technician

**Work History** – Foreman and installation chief, Bullock Tower, four years. Employed 5 years with Nexus Systems

**Tina Floyd – Wire Services Lead Installer**

**Work History** – Experienced in various cable systems installations with over 5 years with Time Warner Cable Company. Employed 2 years at Nexus Systems; trained and proficient in CAT 5 and fiber installation.

**Tim Gordon – Wireline and Wireless Service and Installation Technician**

**Related Training** – Wireline and Wireless Installations

**Work History** – Employed as cable installer for Time Warner Cable, Trained and proficient in CAT 5 and cable installations. Employed with Nexus for 3 years.

**Jay Snell – Wire and Fiber installation**

**Education** – University of Louisiana Monroe – Sciences

**Work History** – Employed 2 years Nexus Systems in fiber and wire installations

**Richard Denny – Technical Staff/Network Technician**

**Work History** – Network engineer for over 5 years for Time Trend Computer Solutions. Employed by Nexus for 2 years.

**Andy Jones – Field Operations Manager**

**Education** – BS in Construction Management

**Work History** – over 3 years experience in Fiber installation project management.

**Ronald Howington – Technical Staff/Network Technician**

**Education** – BS in Computer Information Systems

**Work History** – Employed 2 years with Nexus Systems in technical support and fiber installations.

Nexus employs numerous other wiring, technical, and construction staff members to meet the demands of numerous projects both large and small. Our staff can manage and complete large project from the “first shovel in the ground” to final completion.

