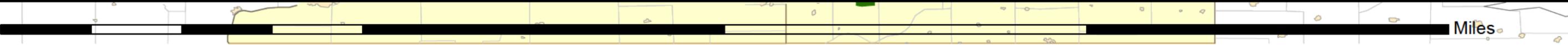
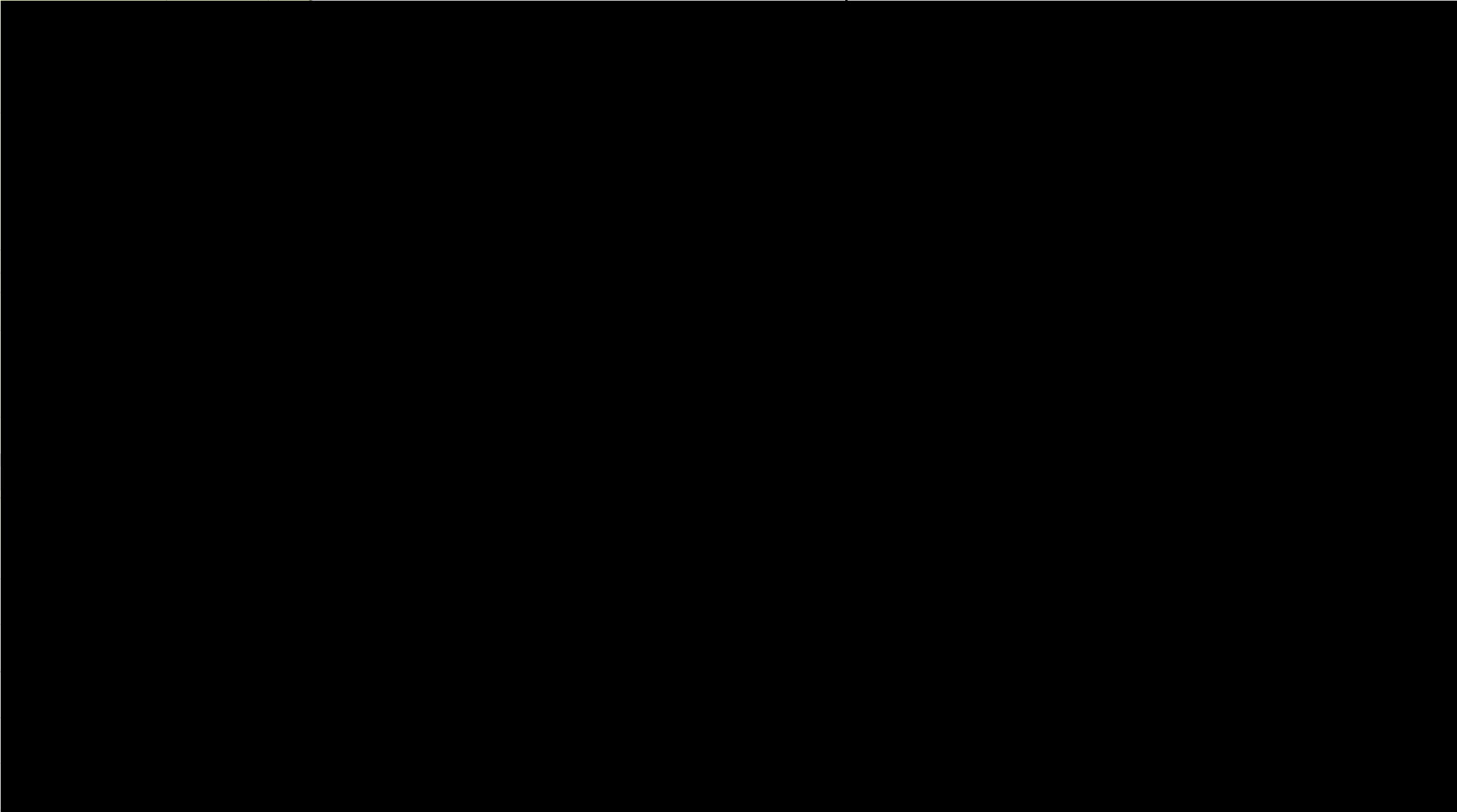


# Merit Network Map



*Created by: Merit GIS*

23 Pages

Withheld in their entirety  
pursuant to FOIA Exemption 4  
(5 U.S.C. § 552 (b)(4))

2 Pages

Withheld in their entirety  
pursuant to FOIA Exemption 4  
(5 U.S.C. § 552 (b)(4))

## **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 institutions 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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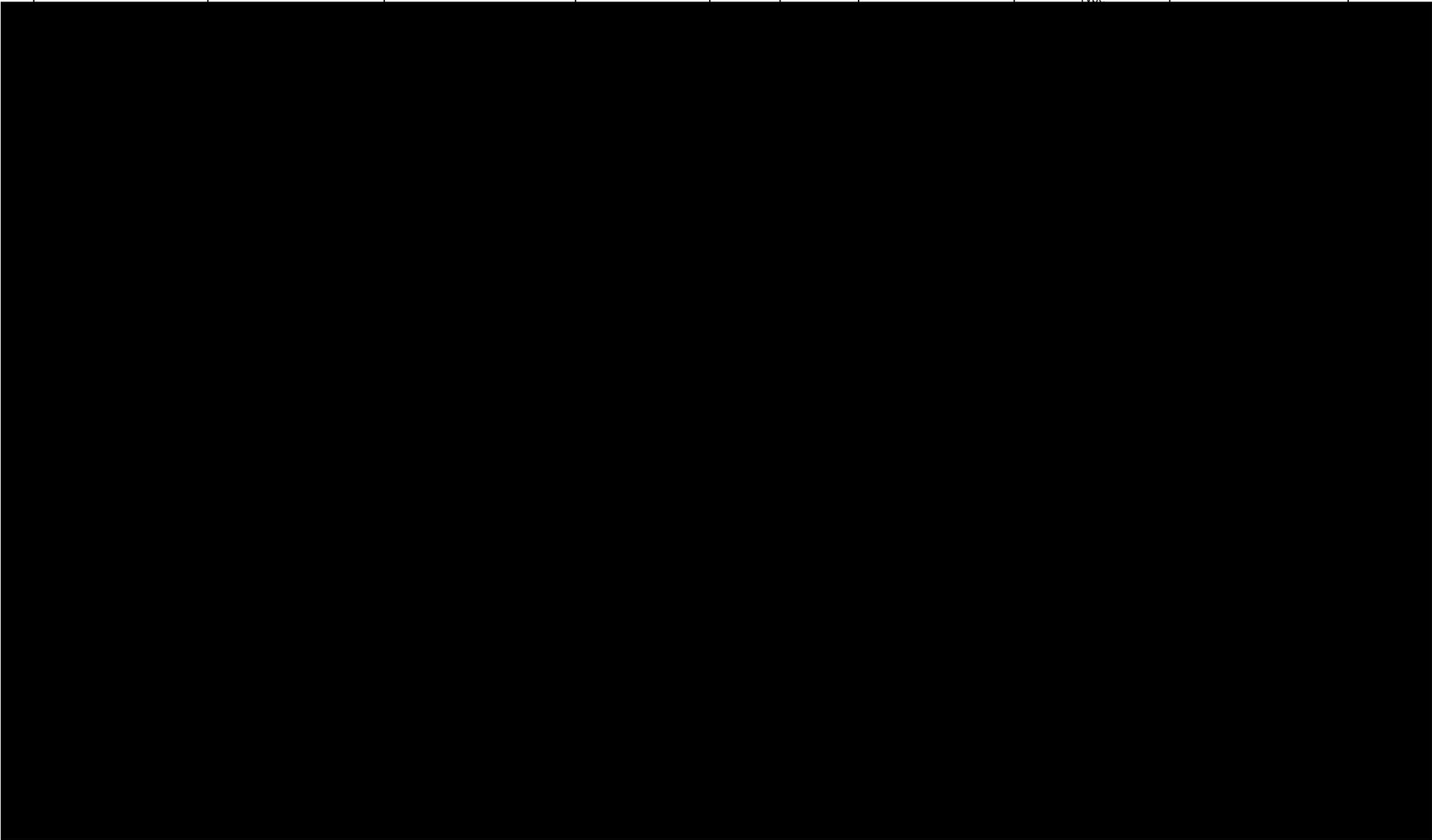
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**BTOP CCI Community Anchor Institutions Detail Template**

Title: **REACH - 3MC II**

Easy Grants ID: **4658**

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
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4 Pages

Withheld in their entirety  
pursuant to FOIA Exemption 4  
(5 U.S.C. § 552 (b)(4))

## BTOP Comprehensive Community Infrastructure Service Area Template

Please complete the complete the CCI Service Area worksheet. In each line you will provide name of a service area and one of the contiguous Census tracts or block groups that make u service area. Please provide full 11-digit Census tract numbers, includes the 2-digit State FIF the 3-digit county code, followed by a unique 6-digit tract number. For Census block group please provide the full tract number, plus the 1-digit block group number (12 digits total). If more than one Census tract or block group in a service area, there will be multiple lines in th for that service area. It is critical that the service area names provided in this table match w service area names provided in the Service Area Details page of the application. Please revie document and Service Area Details page for consistency before submitting your application.

Important Note: Excel truncates leading zeros from numbers. Consequently, the tract/block column on the worksheet has been formatted as text. This formatting should not be altered validity of your data may be compromised.

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 prior upload. Additionally, applicants should not modify the format of this file (e.g. by adding or removing worksheets). Do not leave blank lines in the table between service areas.

### EXAMPLE

Service Area Name	Tract or Block Group #
Big BB Project South	01001020100
Big BB Project South	01001020100
Big BB Project South	010010202001
Big BB Project West	01001020400
Big BB Project North	01001020800
Big BB Project North	010010209002

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**BTOP CCI Service Area Template**

Title: **REACH-3MC II**  
 Easy Grants ID: **4658**

Service Area Name	Tract or Block Group #
Gogebic County	26053950300
Gogebic County	26053950500
Gogebic County	26053950600
Gogebic County	26053950100
Gogebic County	26053950200
Gogebic County	26053950400
Gogebic County	26053950700
Ontonagon County	26131970100
Ontonagon County	26131970200
Ontonagon County	25131970300
Houghton County Served	26061990300
Houghton County Served	26061990400
Houghton County Served	26061990500
Houghton County Served	26061990600
Houghton County Served	26061990800
Houghton County Served	26061990900
Houghton CT 990100	26061990100
Houghton CT 990200	26061990200
Houghton CT 990700	26061990700
Houghton CT 991000	26061991000
Iosco County	26069990100
Iosco County	26069990200
Iosco County	26069990300
Iosco County	26069990800
Iosco County	26069990900
Iosco County	26069991000
Iosco County	26069990400
Iosco County	26069990500
Iosco County	26069990600
Iosco County	26069990700
Iosco County	26069991100
Lake County	26085960100
Lake County	26085960600
Montmorency County	26119990100
Montmorency County	26119990200
Montmorency County	26119990300
Montmorency County	26119990400
Montmorency County	26119990500
Otsego County	26137950200
Otsego County	26137950300
Otsego County	26137950500
Otsego County	26137950100
Otsego County	26137950400
Otsego County	26137950600
Iron County (MI)	26071980100
Iron County (MI)	26071980200
Iron County (MI)	26071980300
Iron County (MI)	26071980400
Iron County (MI)	26071980500
Dickinson County	26043950500
Dickinson County	26043950600
Dickinson County	26043950700
Dickinson County	26043950100
Dickinson County	26043950200
Dickinson County	26043950300
Dickinson County	26043950400
Menominee County	26109960100
Menominee County	26109960200
Menominee County	26109960300
Menominee County	26109960400
Menominee County	26109960500
Menominee County	26109960600
Menominee County	26109960700
Delta County Served	26041970400
Delta County Served	26041970500
Delta County Served	26041970600
Delta County Served	26041970800
Delta County Served	26041970900
Delta County Served	26041971000
Delta County Served	26041971100
Delta CT 970100	26041970100
Delta CT 970200	26041970200
Delta CT 970300	26041970300
Delta CT 970700	26041970700
Schoolcraft County	26153990300
Schoolcraft County	26153990100
Schoolcraft County	26153990200
Mackinac County	26097950100
Mackinac County	26097950200
Mackinac County	26097950300

**BTOP CCI Service Area Template**

Title: **REACH-3MC II**  
 Easy Grants ID: **4658**

Service Area Name	Tract or Block Group #
Mackinac County	26097950400
Mackinac County	26097950500
Chippewa County	26033970200
Chippewa County	26033970400
Chippewa County	26033970500
Chippewa County	26033970600
Chippewa County	26033970100
Chippewa County	26033970300
Chippewa County	26033970700
Chippewa County	26033970800
Chippewa County	26033970900
Chippewa County	26033971000
Chippewa County	26033971100
Cheboygan County	26031960100
Cheboygan County	26031960200
Cheboygan County	26031960300
Cheboygan County	26031960400
Cheboygan County	26031960500
Cheboygan County	26031960600
Cheboygan County	26031960700
Cheboygan County	26031960800
Presque Isle County	26141950100
Presque Isle County	26141950200
Presque Isle County	26141950300
Presque Isle County	26141950400
Presque Isle County	26141950500
Presque Isle County	26141950600
Alpena County Served	26007000300
Alpena County Served	26007000400
Alpena County Served	26007000500
Alpena County Served	26007000600
Alpena County Served	26007000700
Alpena County Served	26007000800
Alpena County Served	26007000900
Alpena CT 000100	26007000100
Alpena CT 000200	26007000200
Alcona County	26001980200
Alcona County	26001980100
Alcona County	26001980400
Alcona County	26001980500
Alcona County	26001980600
Oscoda County	26135970200
Oscoda County	26135970300
Oscoda County	26135970400
Oscoda County	26135970500
Ogemaw County	26129950100
Ogemaw County	26129950200
Ogemaw County	26129950300
Ogemaw County	26129950400
Ogemaw County	26129950500
Ogemaw County	26129950600
Ogemaw County	26129950700
Ogemaw County	26129950800
Missaukee County	26113960100
Missaukee County	26113960200
Missaukee County	26113960300
Missaukee County	26113960400
Wexford County	26165980400
Wexford County	26165980600
Wexford County	26165980100
Wexford County	26165980200
Wexford County	26165980300
Wexford County	26165980500
Wexford County	26165980700
Wexford County	26165980800
Osceola County	26133970100
Osceola County	26133970200
Osceola County	26133970300
Osceola County	26133970400
Osceola County	26133970500
Osceola County	26133970600
Mecosta County	26107960500
Mecosta County	26107960600
Mecosta County	26107960900
Mecosta County	26107961100
Mecosta County	26107960100
Mecosta County	26107960200
Mecosta County	26107960300
Mecosta County	26107960400
Mecosta County	26107960700

**BTOP CCI Service Area Template**

Title: **REACH-3MC II**  
 Easy Grants ID: **4658**

Service Area Name	Tract or Block Group #
Mecosta County	26107960800
Mecosta County	26107961000
Mecosta County	26107961200
Montcalm County	26117981200
Montcalm County	26117981300
Montcalm County	26117980100
Montcalm County	26117980200
Montcalm County	26117980300
Montcalm County	26117980400
Montcalm County	26117980500
Montcalm County	26117980600
Montcalm County	26117980700
Montcalm County	26117980800
Montcalm County	26117980900
Montcalm County	26117981000
Montcalm County	26117981100
Kent County Served	26081000100
Kent County Served	26081000200
Kent County Served	26081000300
Kent County Served	26081000400
Kent County Served	26081000500
Kent County Served	26081000600
Kent County Served	26081000700
Kent County Served	26081000900
Kent County Served	26081001101
Kent County Served	26081001102
Kent County Served	26081001400
Kent County Served	26081001500
Kent County Served	26081001700
Kent County Served	26081001800
Kent County Served	26081002000
Kent County Served	26081002300
Kent County Served	26081002400
Kent County Served	26081002900
Kent County Served	26081003300
Kent County Served	26081003400
Kent County Served	26081003900
Kent County Served	26081004100
Kent County Served	26081004300
Kent County Served	26081004400
Kent County Served	26081004500
Kent County Served	26081004600
Kent County Served	26081010102
Kent County Served	26081010200
Kent County Served	26081010302
Kent County Served	26081010401
Kent County Served	26081010402
Kent County Served	26081010600
Kent County Served	26081010700
Kent County Served	26081010801
Kent County Served	26081010902
Kent County Served	26081010903
Kent County Served	26081010904
Kent County Served	26081011001
Kent County Served	26081011002
Kent County Served	26081011101
Kent County Served	26081011102
Kent County Served	26081011301
Kent County Served	26081011302
Kent County Served	26081011401
Kent County Served	26081011600
Kent County Served	26081011701
Kent County Served	26081011801
Kent County Served	26081011803
Kent County Served	26081011804
Kent County Served	26081011901
Kent County Served	26081011902
Kent County Served	26081012004
Kent County Served	26081012201
Kent County Served	26081012202
Kent County Served	26081012203
Kent County Served	26081012300
Kent County Served	26081012400
Kent County Served	26081012500
Kent County Served	26081012604
Kent County Served	26081012605
Kent County Served	26081012606
Kent County Served	26081012702
Kent County Served	26081012703
Kent County Served	26081012800

**BTOP CCI Service Area Template**

Title: **REACH-3MC II**  
 Easy Grants ID: **4658**

Service Area Name	Tract or Block Group #
Kent County Served	26081012902
Kent County Served	26081013000
Kent County Served	26081013100
Kent County Served	26081013200
Kent County Served	26081013400
Kent County Served	26081013600
Kent County Served	26081013700
Kent County Served	26081013900
Kent County Served	26081014000
Kent County Served	26081014300
Kent County Served	26081014501
Kent County Served	26081014502
Kent County Served	26081014601
Kent County Served	26081014602
Kent County Served	26081014704
Kent County Served	26081014803
Kent County Served	26081014804
Kent County Served	26081014805
Kent County Served	26081014806
Kent County Served	26081014807
Kent CT 000800	26081000800
Kent CT 001000	26081001000
Kent CT 001200	26081001200
Kent CT 001300	26081001300
Kent CT 001600	26081001600
Kent CT 001900	26081001900
Kent CT 002100	26081002100
Kent CT 002200	26081002200
Kent CT 002500	26081002500
Kent CT 002600	26081002600
Kent CT 002700	26081002700
Kent CT 002800	26081002800
Kent CT 003000	26081003000
Kent CT 003100	26081003100
Kent CT 003200	26081003200
Kent CT 003500	26081003500
Kent CT 003600	26081003600
Kent CT 003700	26081003700
Kent CT 003800	26081003800
Kent CT 004000	26081004000
Kent CT 004200	26081004200
Kent CT 010101	26081010101
Kent CT 010301	26081010301
Kent CT 010802	26081010802
Kent CT 011200	26081011200
Kent CT 011403	26081011403
Kent CT 011404	28081011404
Kent CT 011500	26081011500
Kent CT 011702	26081011702
Kent CT 012002	26081012002
Kent CT 012003	26081012003
Kent CT 012603	26081012603
Kent CT 012701	26081012701
Kent CT 012901	26081012901
Kent CT 013300	26081013300
Kent CT 013500	26081013500
Kent CT 013801	26081013801
Kent CT 013802	26081013802
Kent CT 014100	26081014100
Kent CT 014200	26081014200
Kent CT 014701	26081014701
Kent CT 014703	26081014703
Crawford County	26039960200
Crawford County	26039960100
Crawford County	26039960300
Crawford County	26039960400
Crawford County	26039960500
Roscommon County Served	26143970300
Roscommon County Served	26143970400
Roscommon County Served	26143970500
Roscommon County Served	26143970600
Roscommon County Served	26143970700
Roscommon County Served	26143970800
Roscommon CT 970100	26143970100
Roscommon CT 970200	26143970200
Roscommon CT 970900	26143970900
Roscommon CT 971000	26143971000
Roscommon CT 971100	26143971100
Kalkaska County	26079950200
Kalkaska County	26079950300

**BTOP CCI Service Area Template**

Title: **REACH-3MC II**  
 Easy Grants ID: **4658**

Service Area Name	Tract or Block Group #
Kalkaska County	26079950400
Kalkaska County	26079950600
Iron County (WI)	55051980100
Iron County (WI)	55051980200
Iron County (WI)	55051980300
Ashland County	55003950200
Ashland County	55003950300
Ashland County	55003950400
Ashland County	55003950500
Ashland County	55003950100
Ashland County	55003950600
Ashland County	55003950700
Bayfield County	55007960100
Bayfield County	55007960200
Bayfield County	55007960300
Bayfield County	55007960400
Bayfield County	55007960600
Douglas County	55031020400
Douglas County	55031020500
Douglas County	55031020800
Douglas County	55031030100
Douglas County	55031020100
Douglas County	55031020200
Douglas County	55031020300
Douglas County	55031020600
Douglas County	55031020700
Douglas County	55031020900
Douglas County	55031021000
Douglas County	55031030200
Douglas County	55031030300
Florence County Served	55037990100
Florence CT 990200	55037990200
Marinette County	55075960600
Marinette County	55075961100
Marinette County	55075961300
Marinette County	55075961400
Marinette County	55075961500
Marinette County	55075960100
Marinette County	55075960200
Marinette County	55075960700
Marinette County	55075960800
Marinette County	55075960900
Marinette County	55075961100
Marinette County	55075961200
Marinette County	55075961600
Oconto County	55083991200
Oconto County	55083991300
Oconto County	55083990300
Oconto County	55083990500
Oconto County	55083990600
Oconto County	55083990700
Oconto County	55083990800
Oconto County	55083990900
Oconto County	55083991000
Oconto County	55083991100
Brown County Served	55009000100
Brown County Served	55009000200
Brown County Served	55009000301
Brown County Served	55009000302
Brown County Served	55009000303
Brown County Served	55009000401
Brown County Served	55009000402
Brown County Served	55009000500
Brown County Served	55009000600
Brown County Served	55009000700
Brown County Served	55009001000
Brown County Served	55009001300
Brown County Served	55009001400
Brown County Served	55009001501
Brown County Served	55009001502
Brown County Served	55009001801
Brown County Served	55009001802
Brown County Served	55009002001
Brown County Served	55009002002
Brown County Served	55009002003
Brown County Served	55009010100
Brown County Served	55009010201
Brown County Served	55009010202
Brown County Served	55009010300
Brown County Served	55009020100

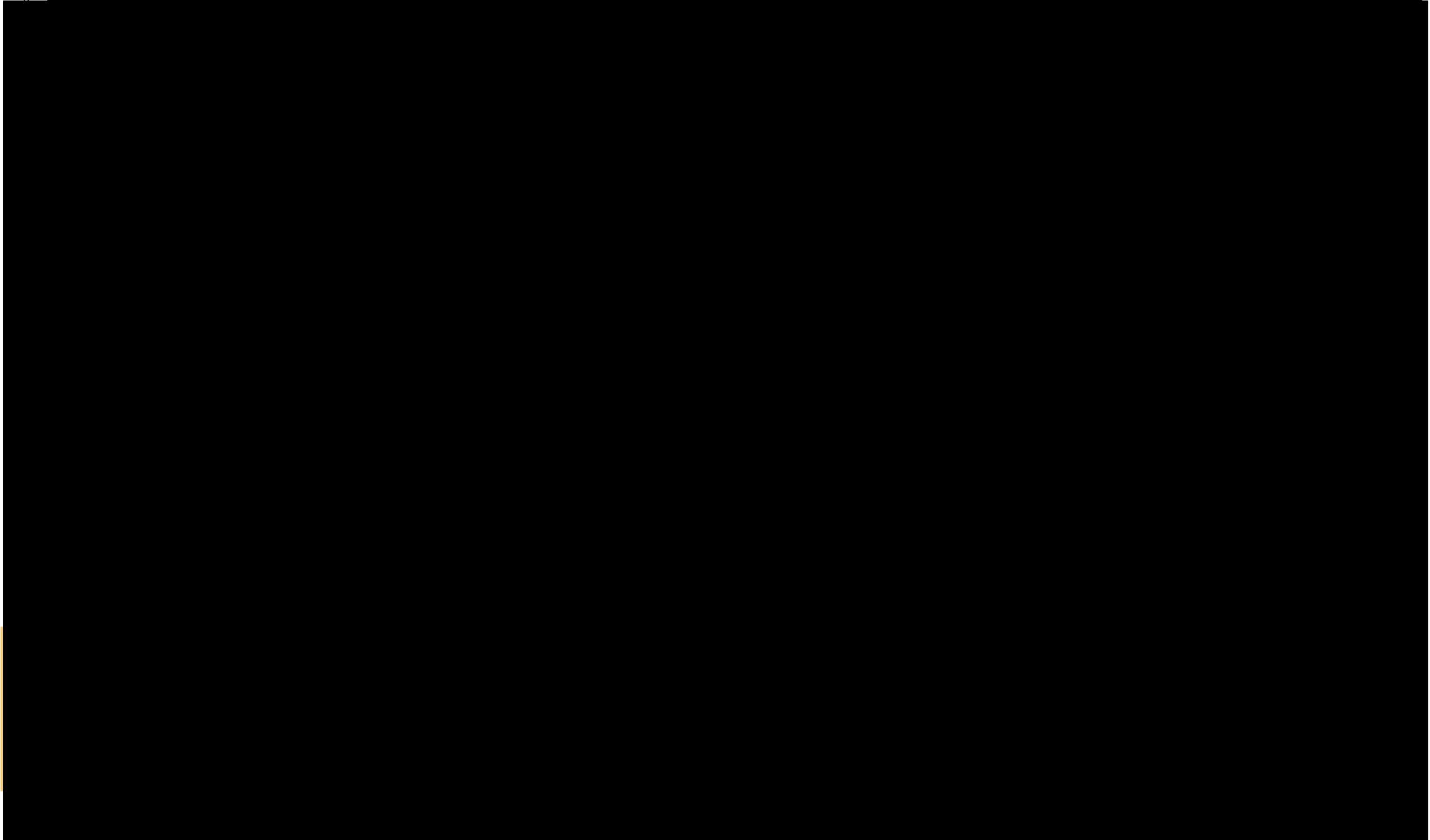
**BTOP CCI Service Area Template**

Title: **REACH-3MC II**  
 Easy Grants ID: **4658**

Service Area Name	Tract or Block Group #
Brown County Served	55009020200
Brown County Served	55009020300
Brown County Served	55009020400
Brown County Served	55009020501
Brown County Served	55009020502
Brown County Served	55009020701
Brown County Served	55009020702
Brown County Served	55009020800
Brown County Served	55009020900
Brown County Served	55009021000
Brown County Served	55009021200
Brown County Served	55009021301
Brown County Served	55009021302
Brown County Served	55009021303
Brown County Served	55009021304
Brown County Served	55009021400
Brown CT 000800	55009000800
Brown CT 000900	55009000900
Brown CT 001100	55009001100
Brown Ct 001200	55009001200
Brown CT 001600	55009001600
Brown CT 001700	55009001700
Brown CT 020600	55009020600
Brown CT Green Bay Prison	55009021100
Brown CT 021500	55009021500
St. Louis County Served	27137000100
St. Louis County Served	27137000200
St. Louis County Served	27137000300
St. Louis County Served	27137000400
St. Louis County Served	27137000500
St. Louis County Served	27137000600
St. Louis County Served	27137000700
St. Louis County Served	27137000800
St. Louis County Served	27137000900
St. Louis County Served	27137001000
St. Louis County Served	27137001100
St. Louis County Served	27137001200
St. Louis County Served	27137001300
St. Louis County Served	27137002000
St. Louis County Served	27137002200
St. Louis County Served	27137002300
St. Louis County Served	27137002600
St. Louis County Served	27137002900
St. Louis County Served	27137003000
St. Louis County Served	27137003100
St. Louis County Served	27137003300
St. Louis County Served	27137003600
St. Louis County Served	27137003700
St. Louis County Served	27137003800
St. Louis County Served	27137003900
St. Louis County Served	27137010200
St. Louis County Served	27137010300
St. Louis County Served	27137010400
St. Louis CT 001400	27137001400
St. Louis CT 001600	27137001600
St. Louis CT 001700	27137001700
St. Louis CT 001800	27137001800
St. Louis CT 001900	27137001900
St. Louis CT 002400	27137002400
St. Louis CT 002500	27137002500
St. Louis CT 002700	27137002700
St. Louis CT 002800	27137002800
St. Louis CT 003200	27137003200
St. Louis CT 003400	27137003400
St. Louis CT 010100	27137010100
St. Louis CT 010500	27137010500
St. Louis CT 010600	27137010600
St. Louis CT 011100	27137011100
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St. Louis CT 011400	27137011400
St. Louis CT 012100	27137012100

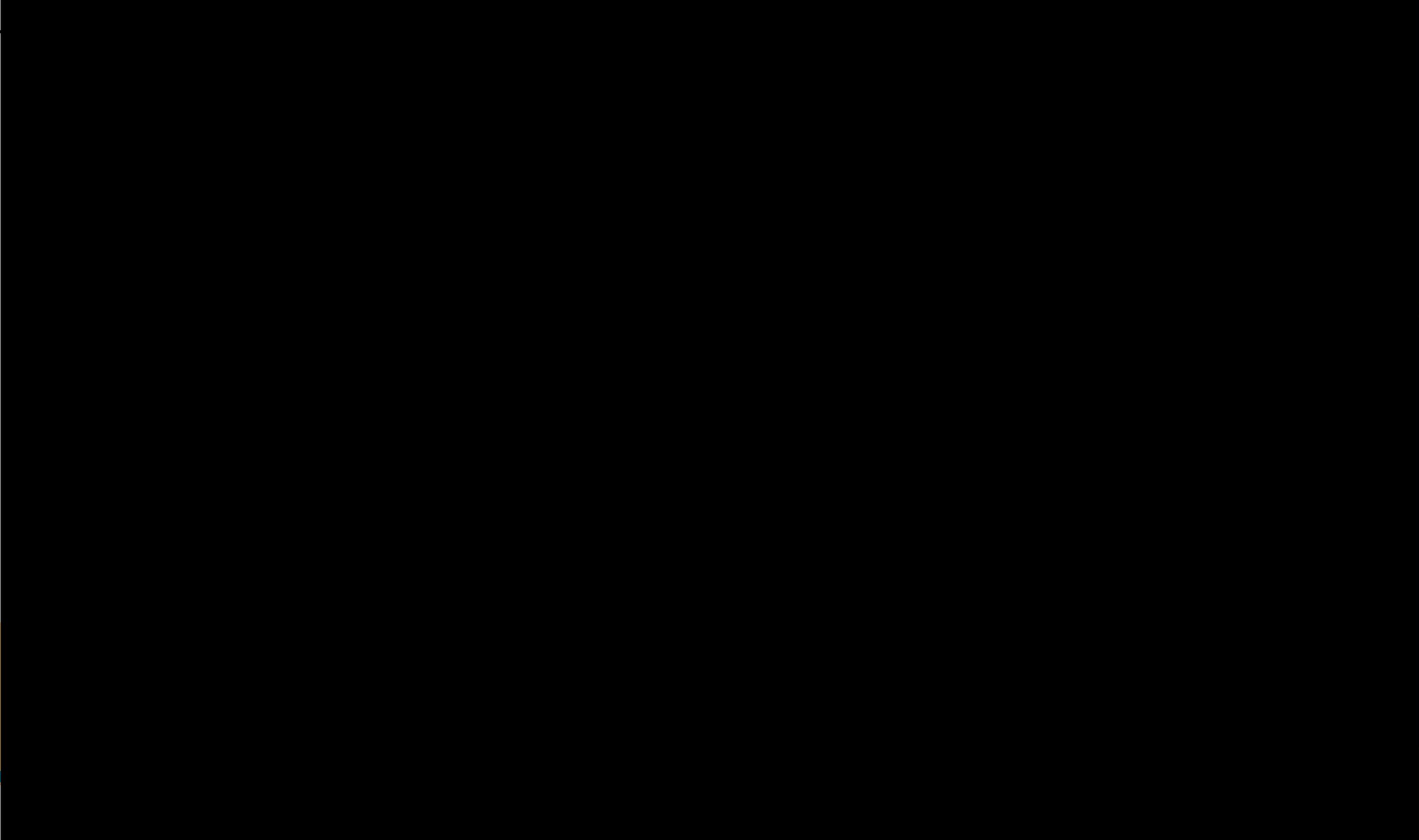
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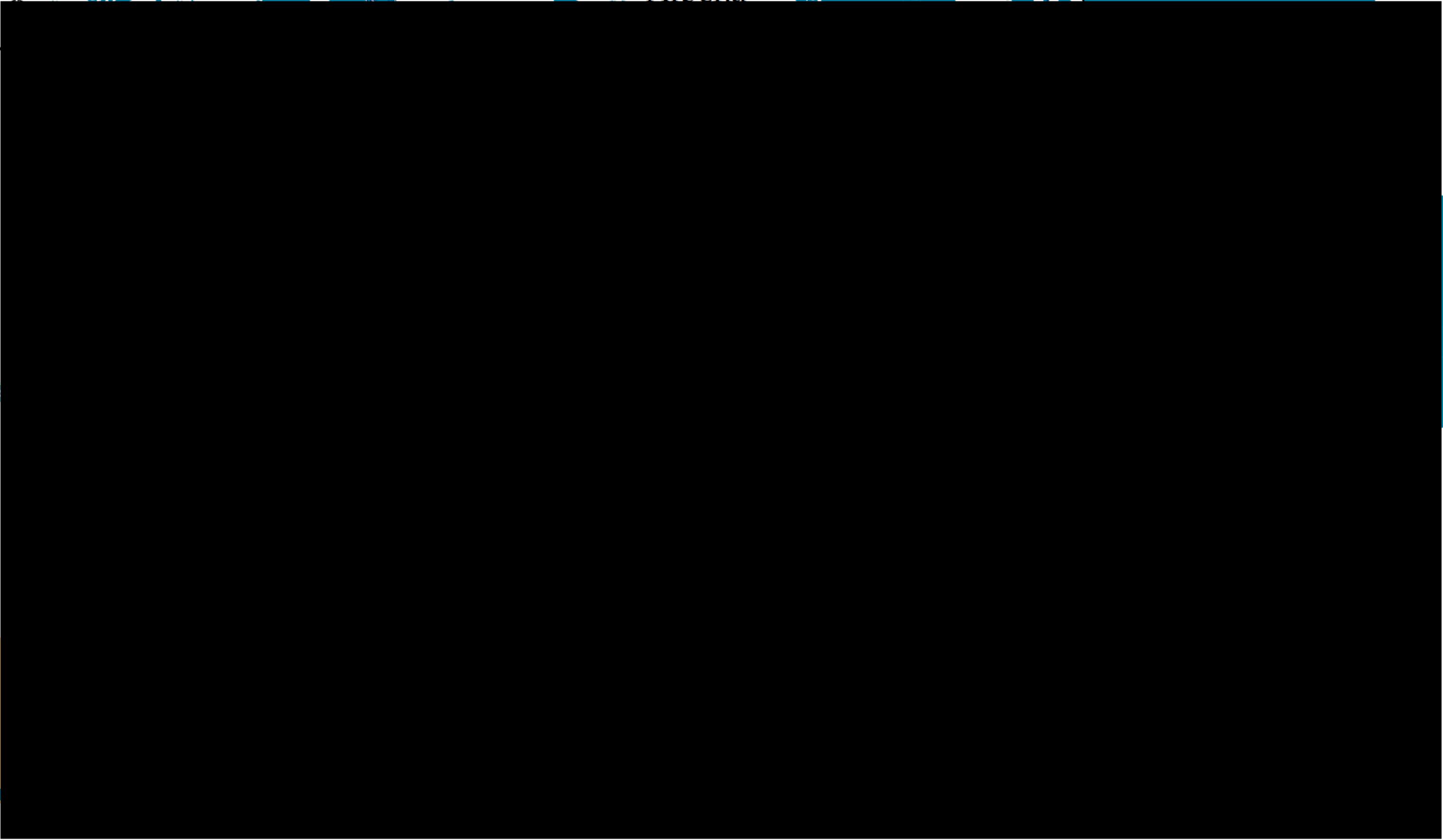
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Alcona



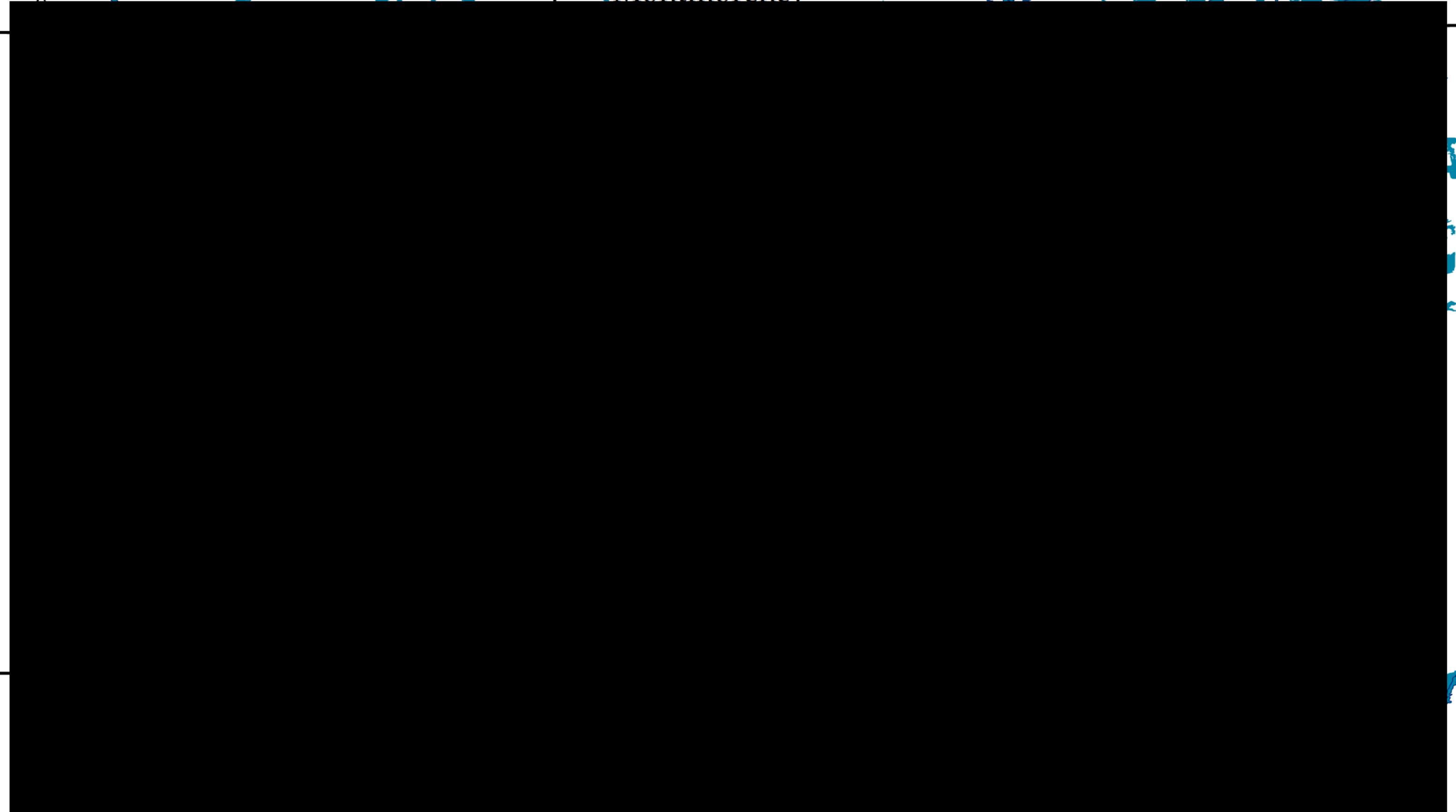
Alpena

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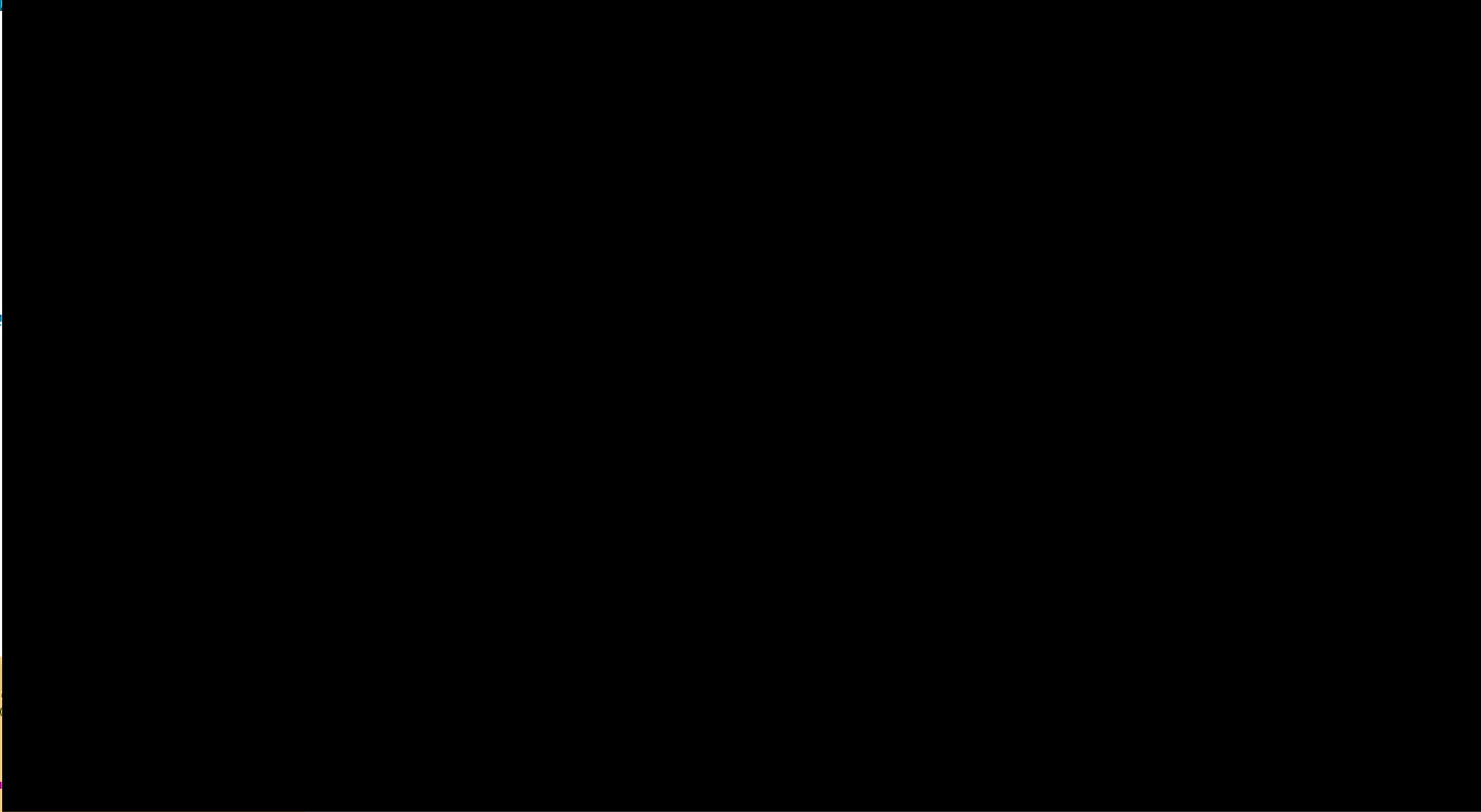


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Montmorency

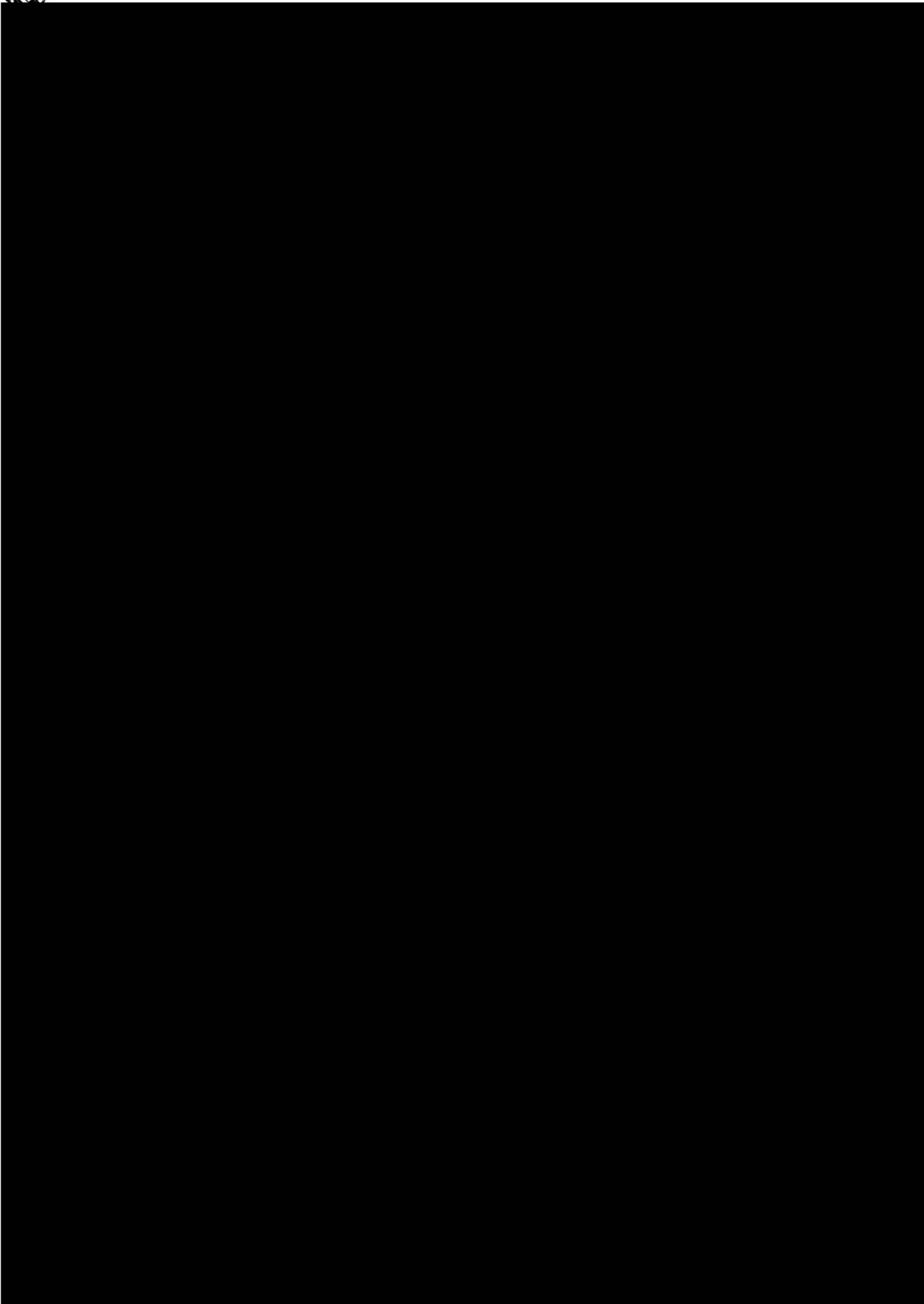


# Presque Isle





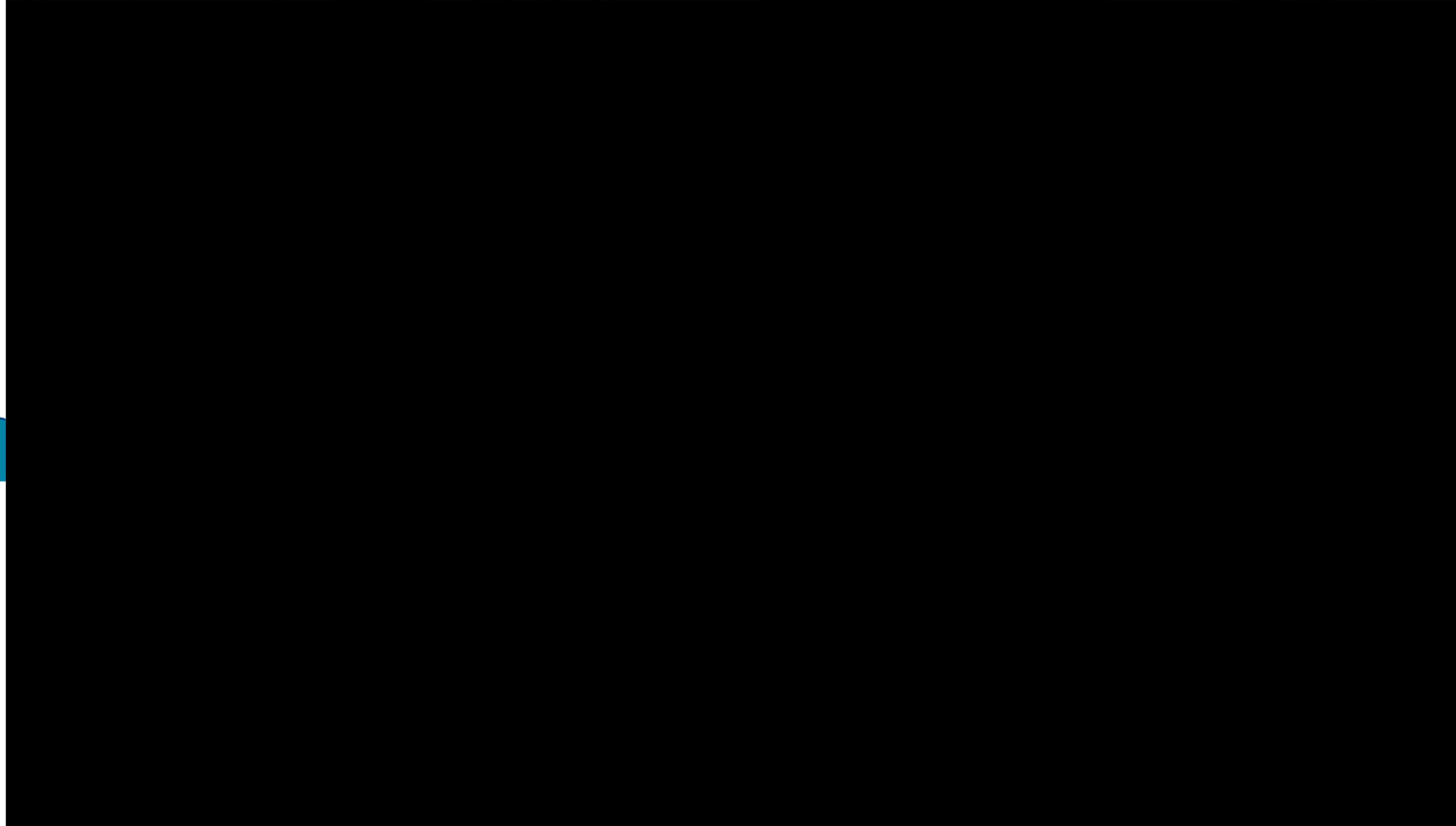
# Cheboygan



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Mackinac



## BTOP Comprehensive Community Infrastructure Subscriber Estimates Template

Please complete the complete the Subscriber Estimates worksheet.

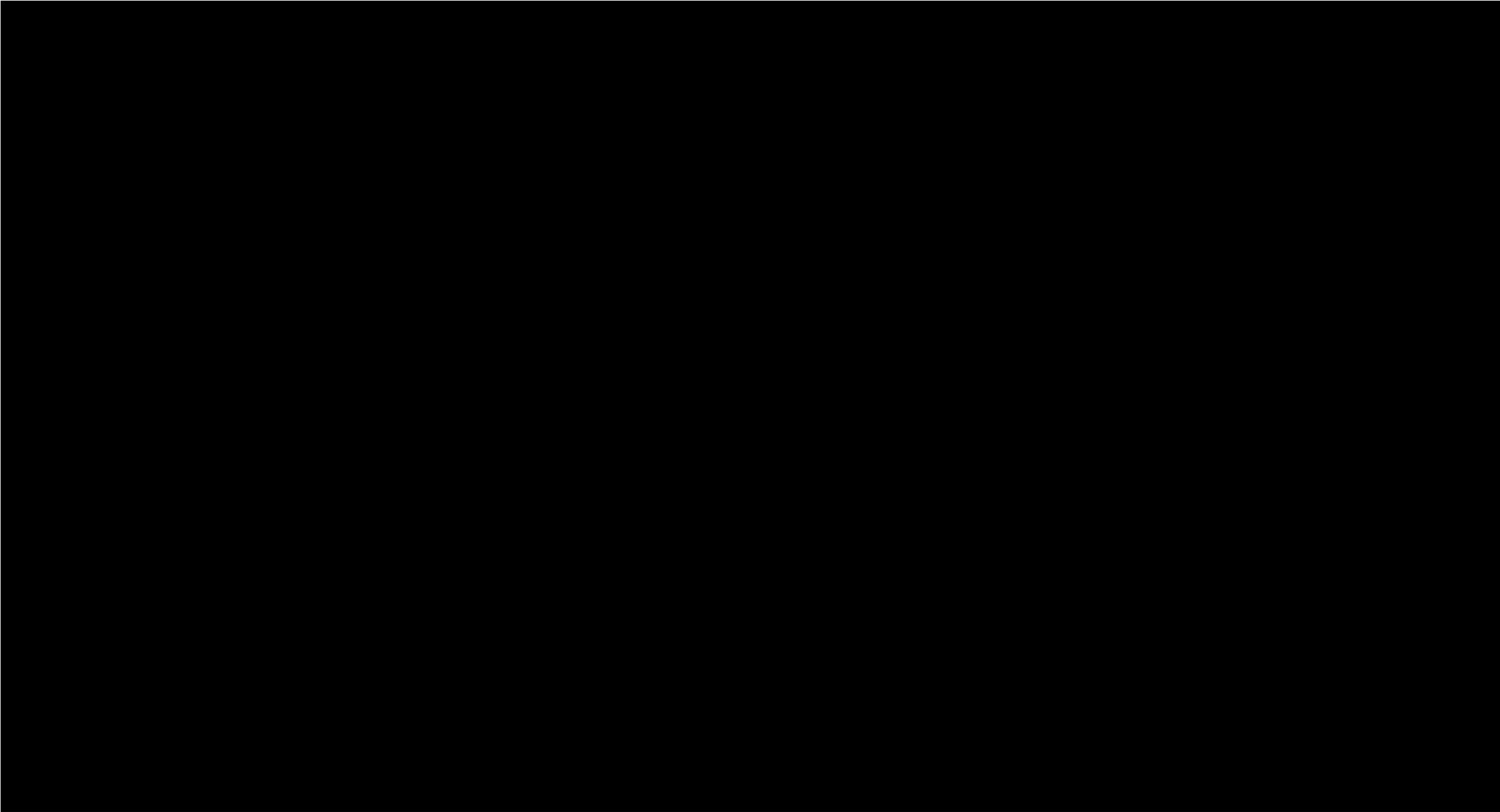
All applicants should indicate their 8-year subscriber forecasts with a breakdown by type of subscriber (residential/individual, businesses, community anchor institutions, third party service providers) and service offerings. The names of the service offerings should match those provided in the Service Offering and Competitor Data upload, enabling reviewers to easily cross-reference between the two documents. The Year 0 column should be used to denote any existing customers within the Proposed Funded Service Area. In addition, applicants that project that they will have third party service provider customers should include a line for parties "Served by Third Party Service Providers," showing an estimate of how many residential/individual, community anchor institution, and business customers will be served by those service providers, as demonstrated in the example below. At the bottom of the table, applicants should provide customer totals across all service offerings, with and without customers indirectly served through a third party service provider (if applicable). Applicants should also include a brief discussion of their methodology for deriving these estimates.

In contrast to several other upload templates in this application, the data provided via this template will NOT be subject to automated processing. Applicants are permitted to modify the template layout in order to provide the most effective presentation of the data for their specific project, but such modifications are generally discouraged. Applicants should, in any case, ensure that they provide at least as much detail as the provided template requires. To the extent that you modify these templates please ensure that the print layouts are adjusted so that rows do not break across pages in a manner that will be difficult to understand. A PDF of this file will be automatically generated upon upload to Easygrants, and the print settings will be used to format the PDF file.

### EXAMPLE

Name of Service Offering	Customer Type	Year 0	Cumulative/ Net Add	Year 1				Year 2			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
Mega-Metro E - 100 Mbps	Community Anchor Inst.	0	Cumulative	0	0	0	0	5	10	17	26
			Net Add	0	0	0	0	5	5	7	9
	Business	0	Cumulative	0	0	0	0	12	27	52	82
			Net Add	0	0	0	0	12	15	25	30
	Third Party Service Provider	0	Cumulative	0	0	0	0	1	2	4	6
			Net Add	0	0	0	0	1	1	2	2
Served by Third Party Service Providers	Indirect - Res./Ind.	0	Cumulative	0	0	0	0	1000	3000	5000	10000
			Net Add	0	0	0	0	1000	2000	2000	5000
	Indirect - Business	0	Cumulative	0	0	0	0	2	8	18	30
			Net Add	0	0	0	0	2	6	10	12
	Indirect - Com. Anchor Inst.	0	Cumulative	0	0	0	0	0	2	3	5
			Net Add	0	0	0	0	0	2	1	2

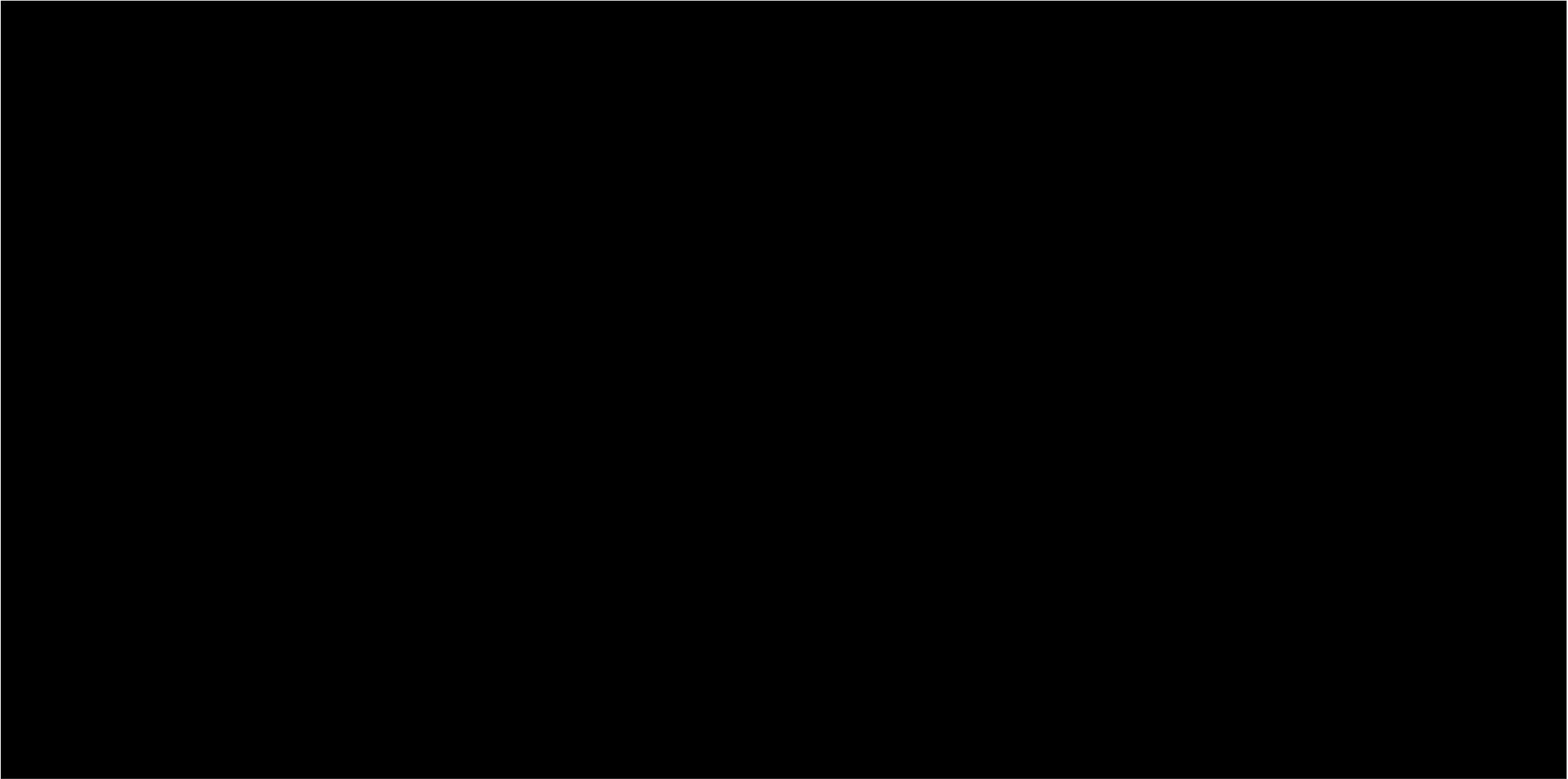
**Broadband Subscriber Estimates**



2 Pages

Withheld in their entirety  
pursuant to FOIA Exemption 4  
(5 U.S.C. § 552 (b)(4))

**Pro Forma Assumptions**



8 Pages

Withheld in their entirety  
pursuant to FOIA Exemption 4  
(5 U.S.C. § 552 (b)(4))



3 Pages

Withheld in their entirety  
pursuant to FOIA Exemption 4  
(5 U.S.C. § 552 (b)(4))

## Comprehensive Community Infrastructure Key Metrics Dashboard

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

Applicant Profile	
Applicant Name	Merit Network, Inc.
Title	REACH Michigan Middle Mile Collaborative II
Easygrants ID	4658
Headquarters	Ann Arbor, Michigan
Size (2009 Data) of Applicant Entity	<ul style="list-style-type: none"> <li>• Current Year Revenues: \$16,642,514</li> <li>• Employees: 63</li> </ul>
Technology Type	Wireline – Fiber-optic Cable
Key Partners[Sub-Recipients]	KEPS Technology (DBA ACD.Net, ACD Telecom, Inc); Boardman River Communications, LLC; CCI Systems, Inc.; Great Lakes Comnet, Inc.; Lynx Network Group, LLC; Peninsula Fiber Network, LLC; Zayo Bandwidth, LLC

Project Economics			
<b>Budget Information</b>		<b>Project Financials</b>	
Project Budget	\$87,049,114	Project Revenues (Yr 8)	\$ [REDACTED]
Federal Contribution (%)	80%	Net Income and Margin (Yr 8)	\$ [REDACTED]
Cash Match Amount (%)	20%	EBITDA and Margin (Yr 8)	[REDACTED]
In Kind Match Amount (%)	0%	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 (%)	100%	<b>Cost Efficiency</b>	
Last Mile Percentage (%)	0%	Cost per Mile (MM)	\$71,941
Rural Last Mile Percentage	0%	Cost per Household (LM)	N/A

Market Territory	
Geographic Area(s)	29 counties in Michigan’s Upper Peninsula and Northern Lower Peninsula and 8 counties in Northern Wisconsin and 1 county in Northern Minnesota
Middle Mile Network Composition	
Total Proposed Network Miles (MM only)	<ul style="list-style-type: none"> <li>• Total Miles: 1,269.5</li> <li>• Backbone Miles: 1,231.7</li> <li>• Lateral Miles: 37.8</li> </ul>
New Construction Network Miles (MM only)	<ul style="list-style-type: none"> <li>• Total Miles: 1,210.0</li> <li>• Backbone Miles: 1,172.2</li> <li>• Lateral Miles: 37.8</li> </ul>
Existing Applicant Network Miles Utilized (MM only)	<ul style="list-style-type: none"> <li>• Total Miles: 0.0</li> <li>• Backbone Miles: 0.0</li> <li>• Lateral Miles: 0.0</li> </ul>
Leased Network Miles Utilized (MM only)	<ul style="list-style-type: none"> <li>• Total Miles: 59.5</li> <li>• Backbone Miles: 59.5</li> <li>• Lateral Miles: 0.0</li> </ul>

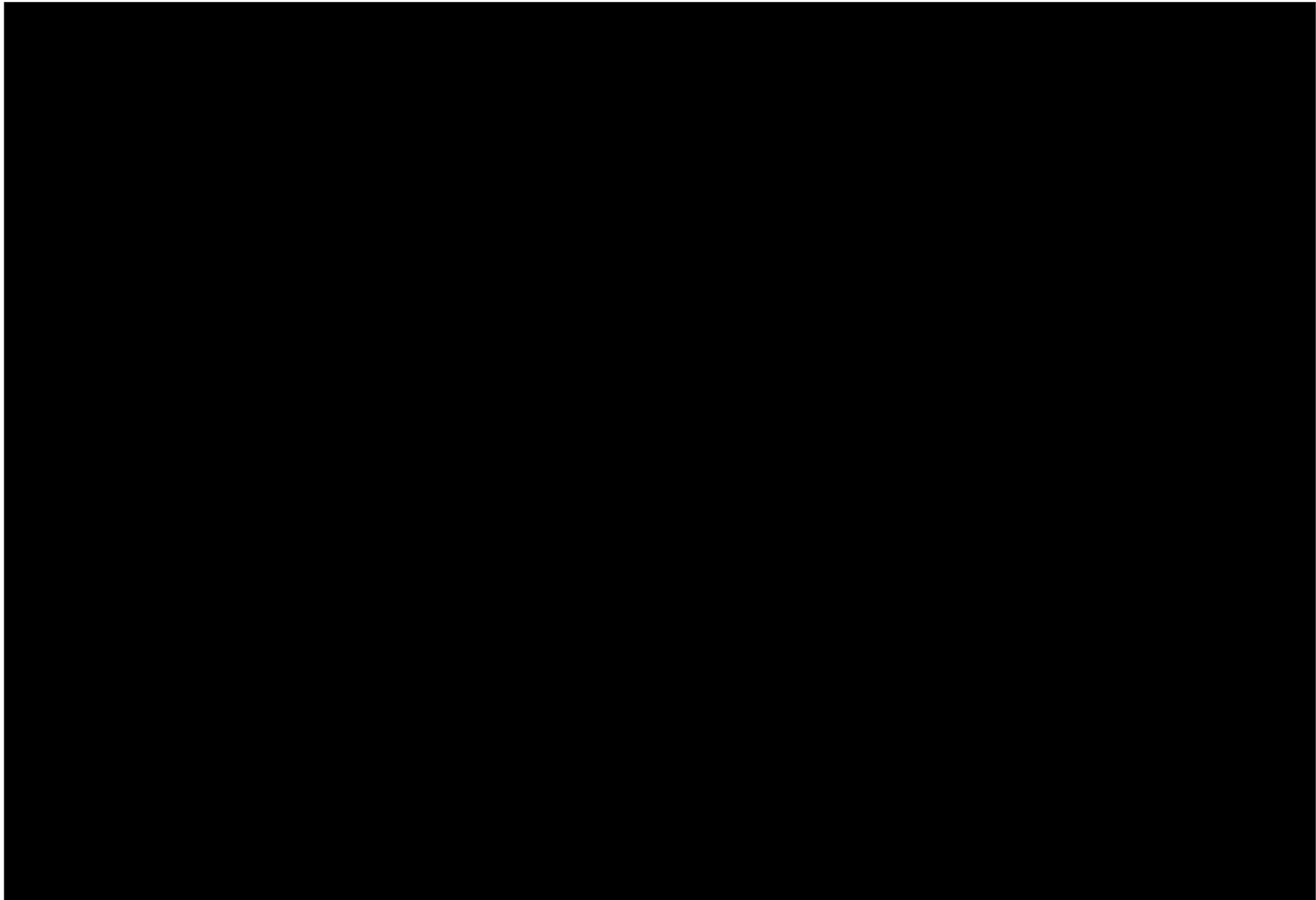
## Comprehensive Community Infrastructure Key Metrics Dashboard

Underserved/Unserved	<ul style="list-style-type: none"> <li>Percentage of Backbone Miles in Underserved/Unserved Areas: 95%</li> <li>Percentage of Lateral Miles in Underserved/Unserved Areas: 88%</li> </ul>
<b>Existing Customer Base</b>	
Existing Residential/Individual Customers within PFSA	<b>0 – Middle Mile Application, Merit does not directly provide services to Residential/Individual users.</b>
Existing Business Customers within PFSA	<b>0 – Middle Mile Application, Merit does not directly provide services to Residential/Individual users.</b>
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	0
<b>Potential Customer Base</b>	
Market Potential Households (within PFSA)	<ul style="list-style-type: none"> <li>Total HH's: 731,237</li> <li>Located in Underserved/Unserved Areas: (MI, WI, MN) 433,147</li> </ul>
Market Potential Businesses (within PFSA)	<ul style="list-style-type: none"> <li>Total Businesses: 49,661</li> <li>Located in Underserved/Unserved Areas: (MI, WI, MN) 26,983</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: (MI, WI, MN) █</li> <li>Community Colleges: █ (MI)</li> <li>Public Safety Entities: █ MI)</li> </ul>
Market Potential Third Party Service Providers (within PFSA)	<ul style="list-style-type: none"> <li>Total Third Party Service Providers in PFSA: 119 (MI)</li> <li>Expressing Commitment or Letter of Interest: 16 (MI)</li> </ul>
<b>Funded Network Coverage (Based on Michigan Service Area)</b>	
Households Connected to Network (via BTOP Funds by end of Year 3)	<ul style="list-style-type: none"> <li>Total Households Connected: <b>0 – Middle Mile Application, Merit does not directly provide services to Residential/Individual users</b></li> <li>Located in Underserved/Unserved Areas: N/A</li> </ul>
Businesses Connected to Network (via BTOP Funds by end of Year 3)	<ul style="list-style-type: none"> <li>Total Businesses Connected: <b>0 – Middle Mile Application, Merit does not directly provide services to Residential/Individual users</b></li> <li>Located in Underserved/Unserved Areas: N/A</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: 0</li> <li>Businesses: 0</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: 53,994</li> <li>Businesses: 5,393</li> </ul>

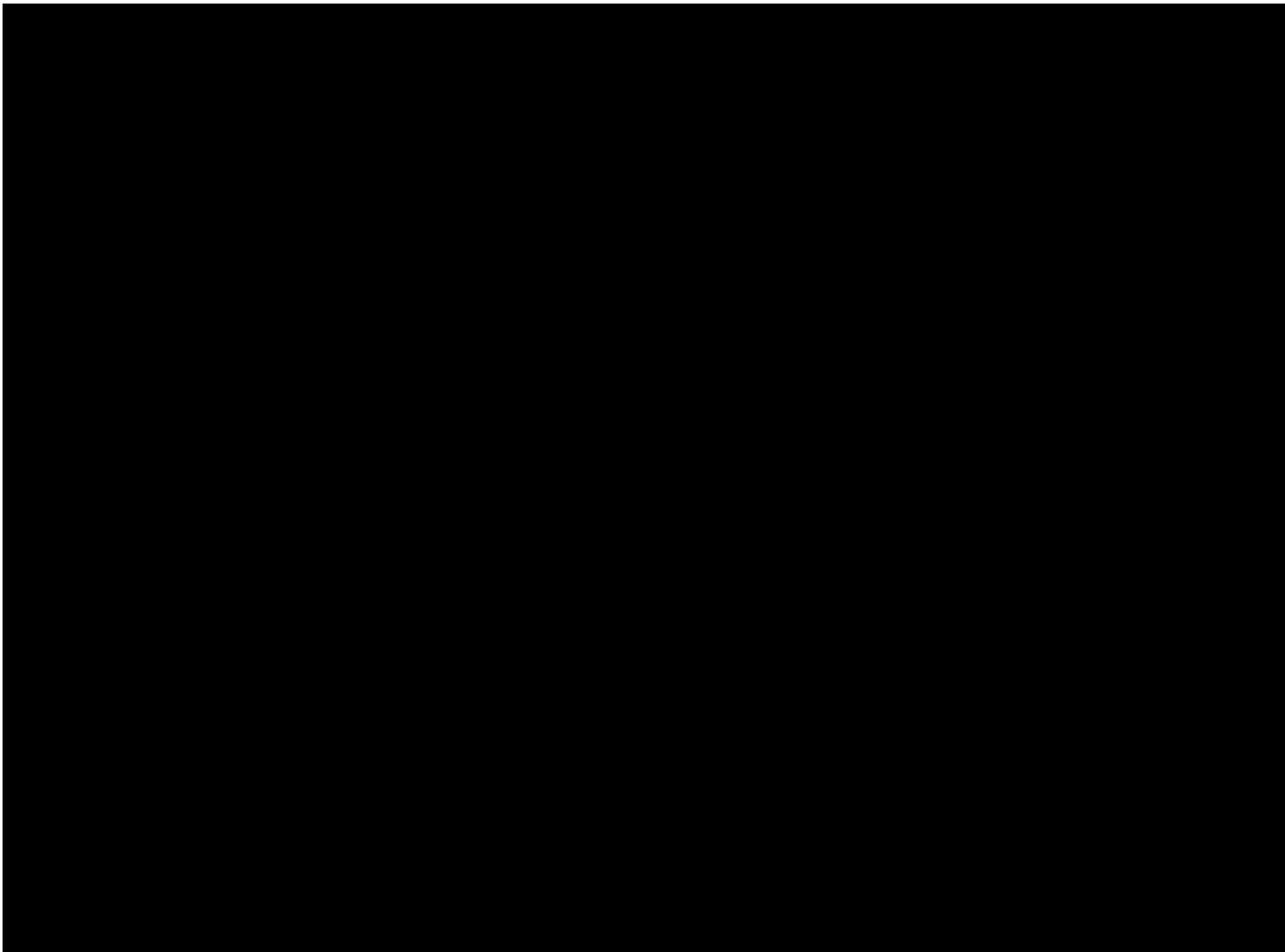
## Comprehensive Community Infrastructure Key Metrics Dashboard

Other	
Proposed MM Network Capacity	<ul style="list-style-type: none"> <li>• Backbone: 10 Gbps</li> <li>• Laterals: 1 Gbps</li> </ul>
Proposed LM Network Speed	<ul style="list-style-type: none"> <li>• Highest offered speed tier: N/A (Middle Mile Application)</li> <li>• Estimated Average speed for highest speed tier: N/A</li> </ul>
Total Points of Interconnection	<ul style="list-style-type: none"> <li>• Total Pol's: 112</li> <li>• Pol's in Underserved/Unserved Areas: 97</li> <li>• Environmentally-controlled, non-passive Pols: 110 (2 splice points)</li> </ul>
Jobs Created	<ul style="list-style-type: none"> <li>• <b>Direct Job-years: 29</b></li> <li>• <b>Indirect Job-years: 576</b></li> <li>• <b>Induced Job-years: 341</b></li> </ul>
Required Time for Project Completion (Number of Required Quarters to Fully Build-out and Test Network and Make Ready for Commercial Service)	<p><b>10 quarters – Project will be completed within 2.5yrs</b></p>

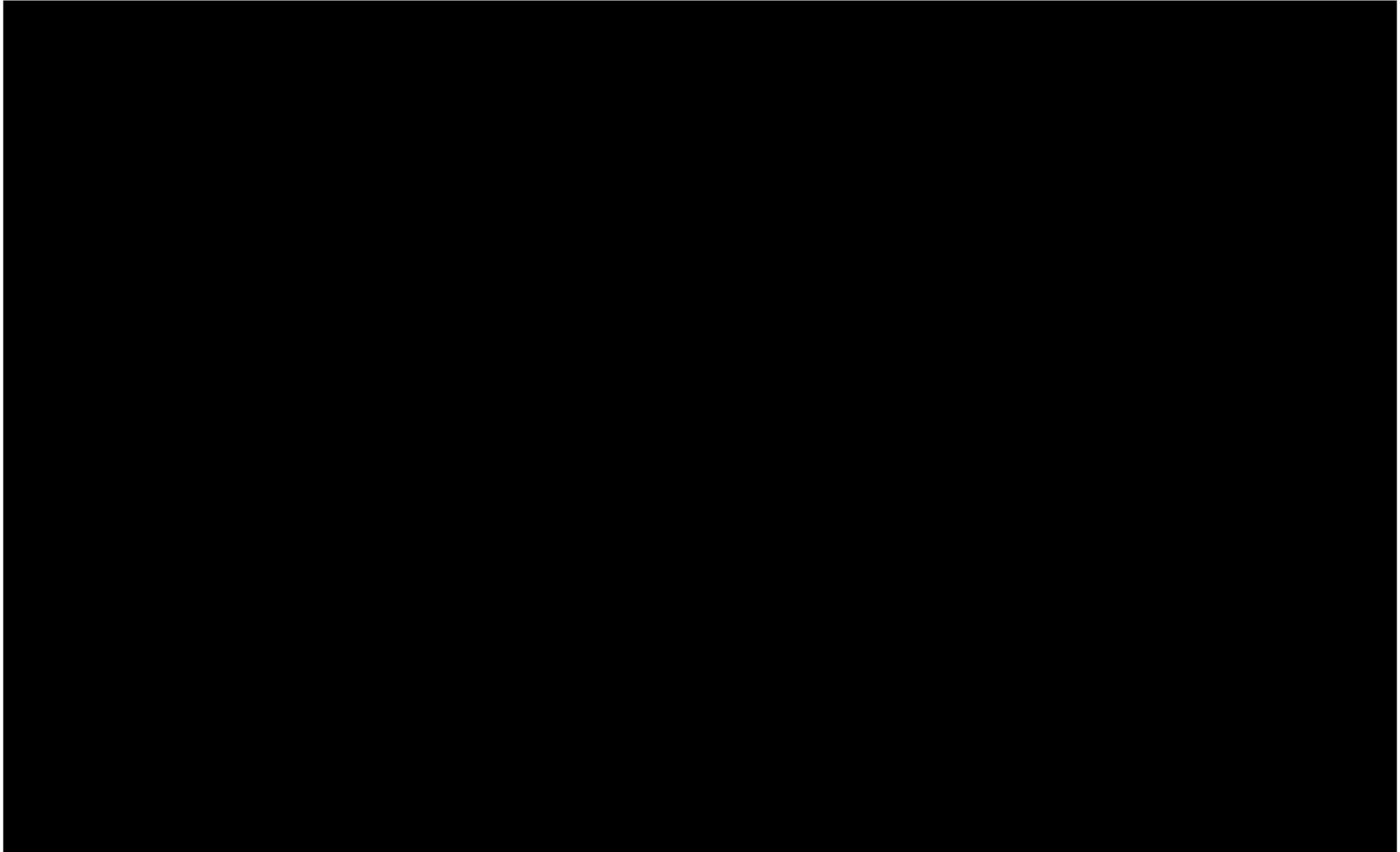
## Balance Sheet



## Income Statement



## Statement of Cash Flows

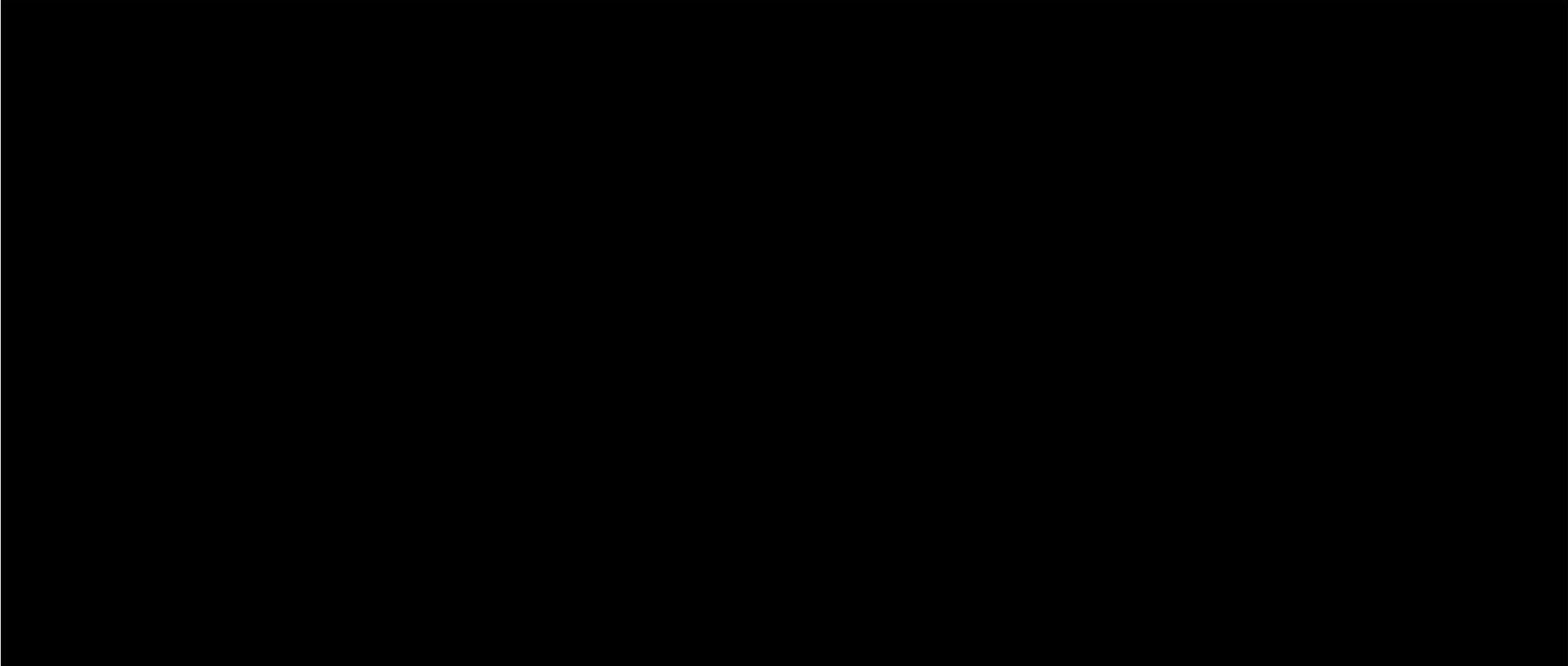


## NPV/IRR Table

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BTOP - Merit Network, Inc. Easy Grant #4658

**Pro Forma Assumptions**



6 Pages

Withheld in their entirety  
pursuant to FOIA Exemption 4  
(5 U.S.C. § 552 (b)(4))

**Merit Network, Inc.**  
**Easy Grant #4658**  
**Loan Schedules**

8 Pages

Withheld in their entirety  
pursuant to FOIA Exemption 4  
(5 U.S.C. § 552 (b)(4))



**Merit Network, Inc.**

**REACH-3MC II**



**Upload 18.18**

**Supplemental Information**

**March 26, 2010**

*Easygrants Number: 4658*

## **Table of Contents**

### ***Section 1:***

**REACH-3MC II Network Map**

**Status of Service Area Map**

**Economically Distressed Service Area Map**

**REACH-3MC II Michigan Community Colleges Fiber Map**

**REACH-3MC II Michigan E-911 & Public Service Answering Points Map**

### ***Section 2:***

**Community Anchor Institutions and Project Details**

### ***Section 3:***

**FCC's High-Speed Services for Internet Access: Status as of December 31, 2008**

### ***Section 4:***

**Service Area Details Methodology**

### ***Section 5:***

**Environmental Questionnaire: Critical Habitats**

**Environmental Questionnaire: Historic Sites by County**

**Environmental Questionnaire: Environmental Maps (1-6)**

### ***Section 6:***

**Complete List of Letters**

**Letters of Support**

**Letters of Support from Community Anchor Institution Leadership Organizations**

**Letters of Non-Binding Commitment from Community Anchor Institutions**

**Letters of Non-Binding Commitment from Internet Service Providers**

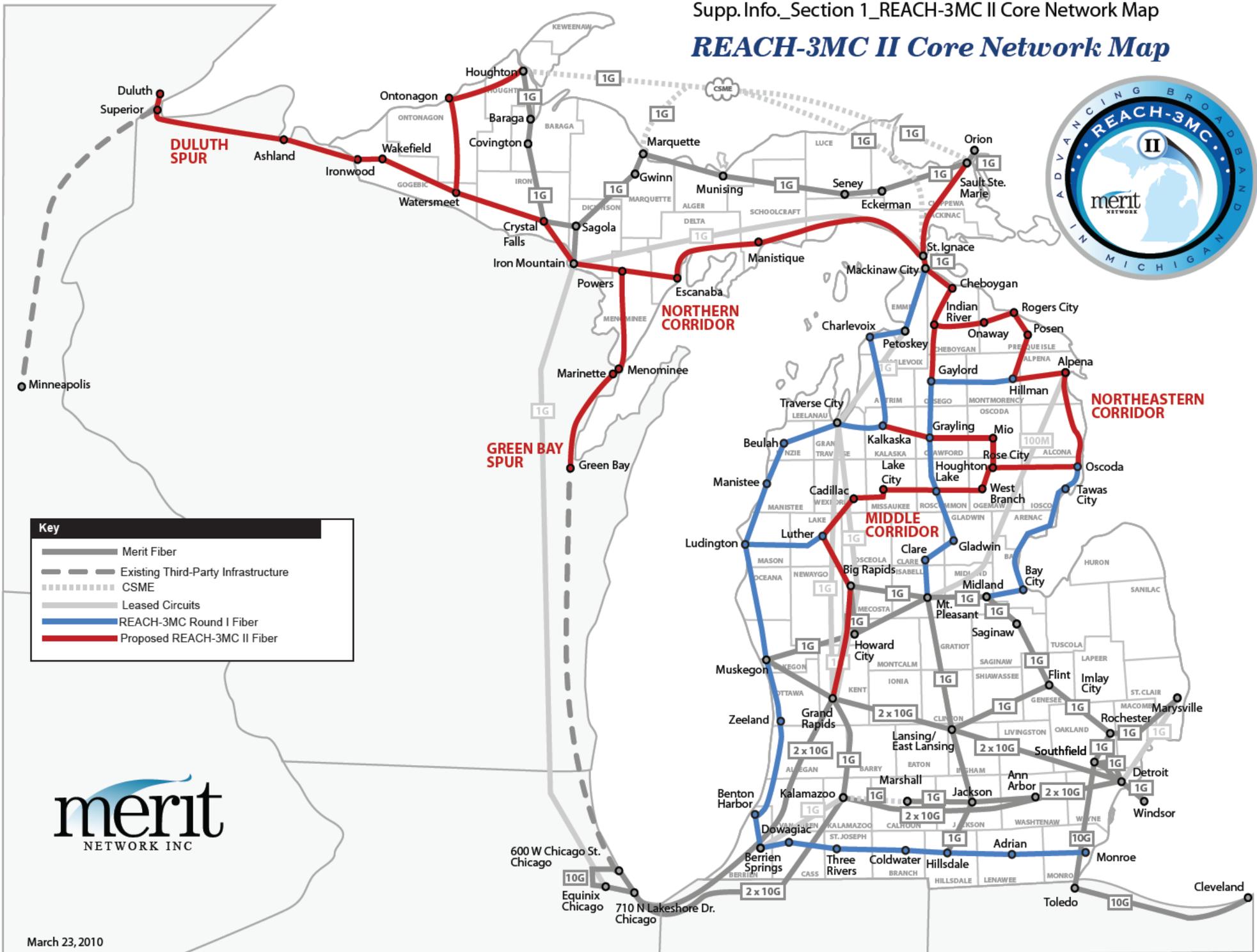
***Section 7:***

**Pro Forma Assumptions**

**Depreciation Schedule**

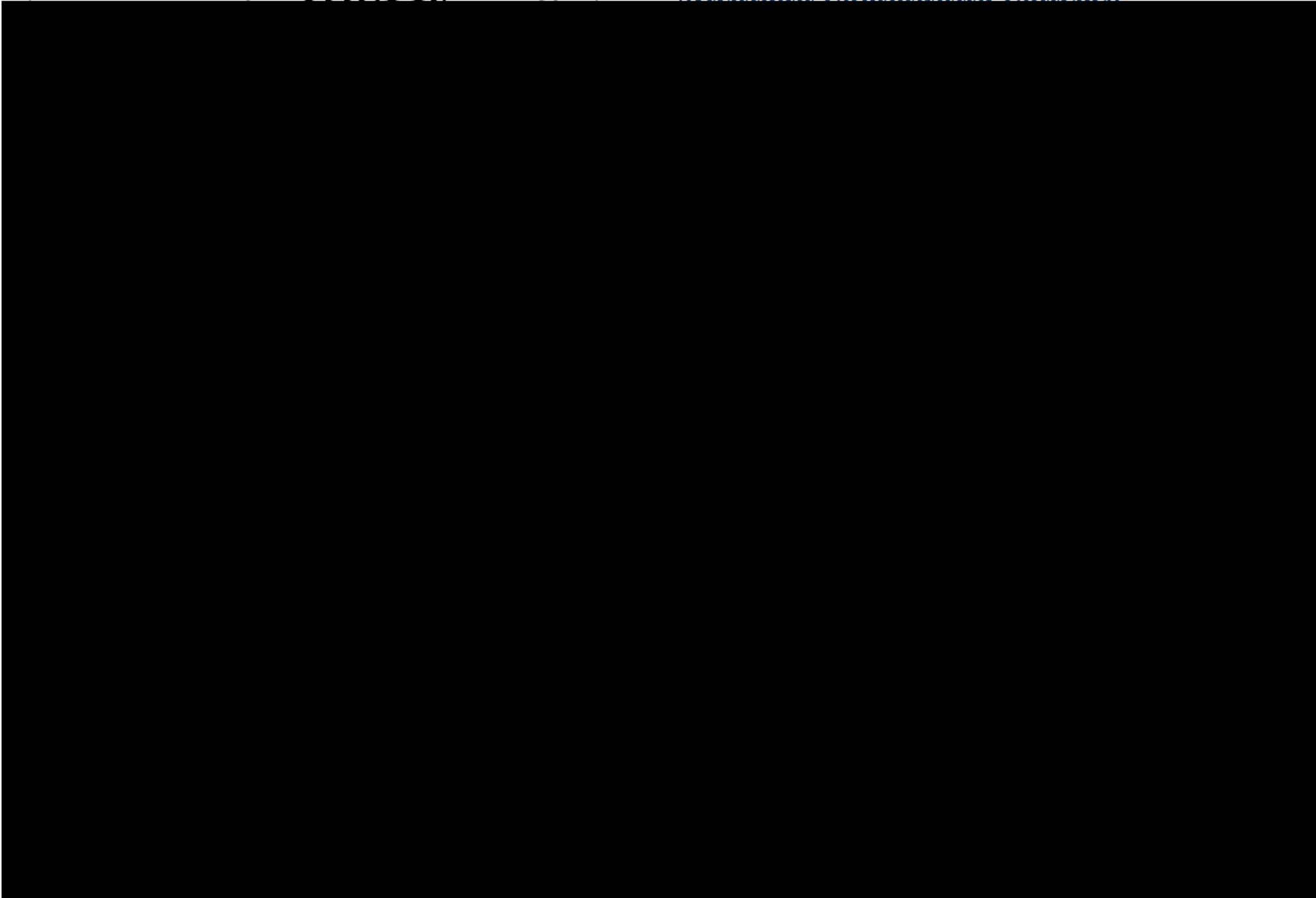
**Loan Schedule**

# REACH-3MC II Core Network Map

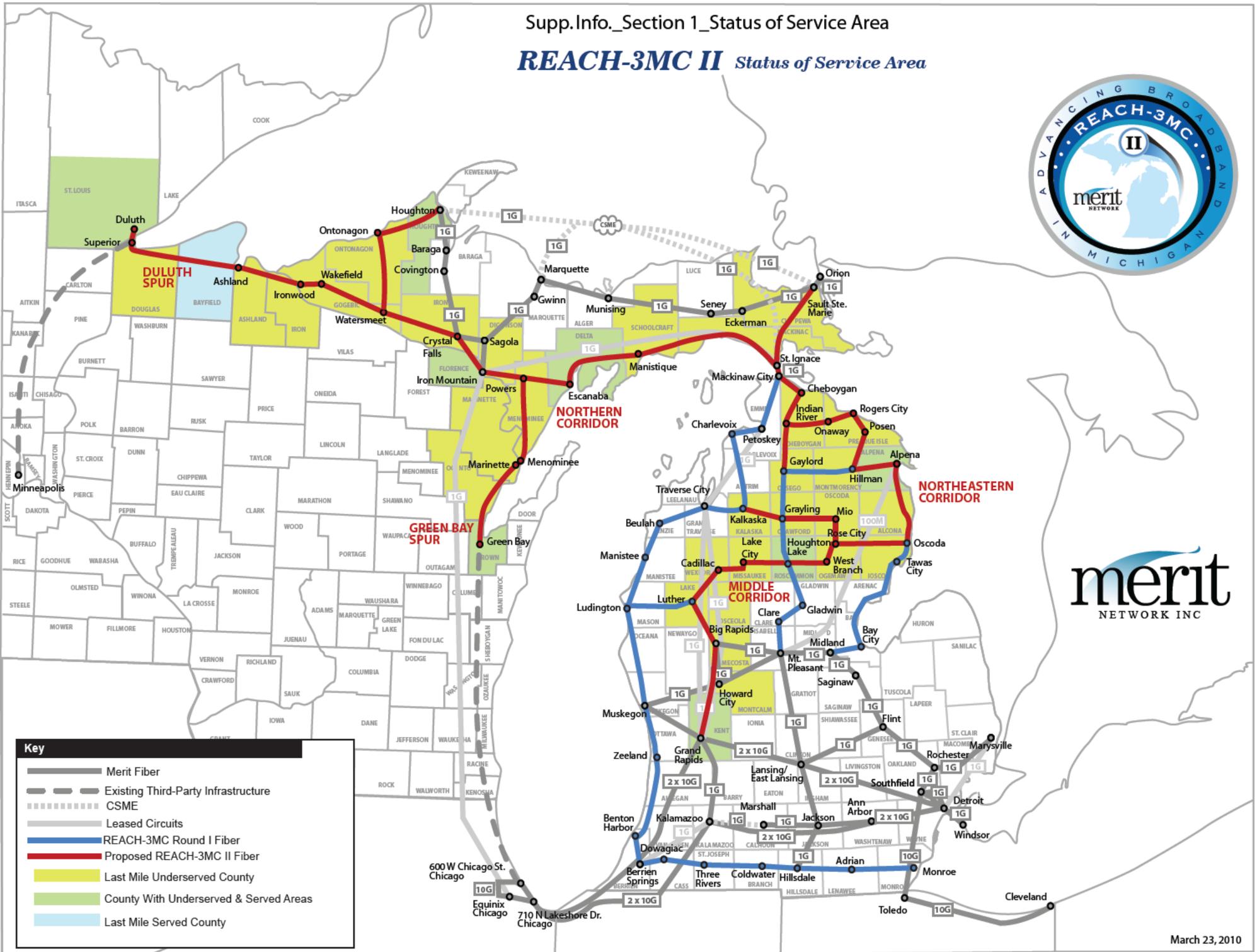


Key	
	Merit Fiber
	Existing Third-Party Infrastructure
	CSME
	Leased Circuits
	REACH-3MC Round I Fiber
	Proposed REACH-3MC II Fiber





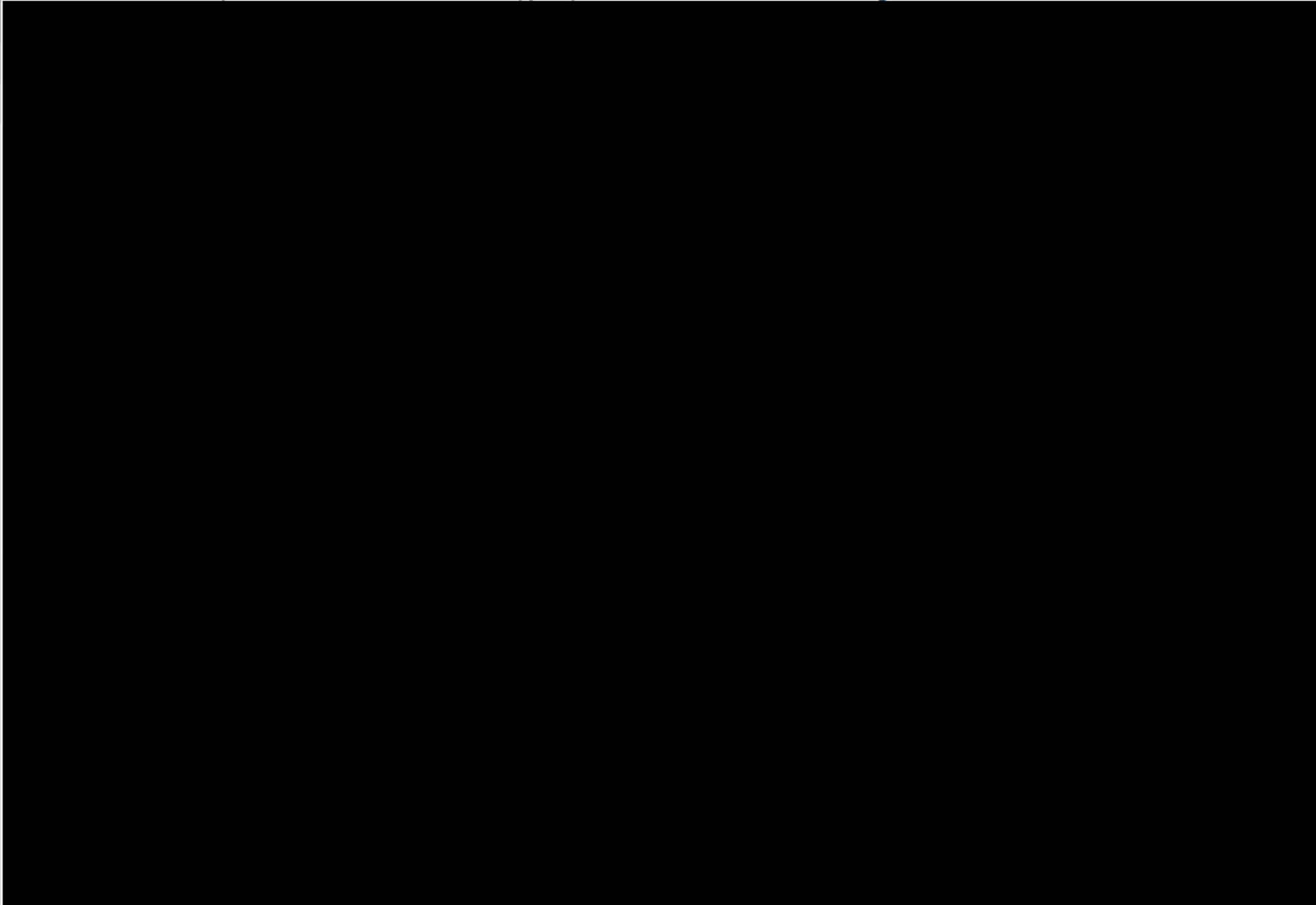
Supp. Info\_Section 1\_Status of Service Area  
**REACH-3MC II** Status of Service Area



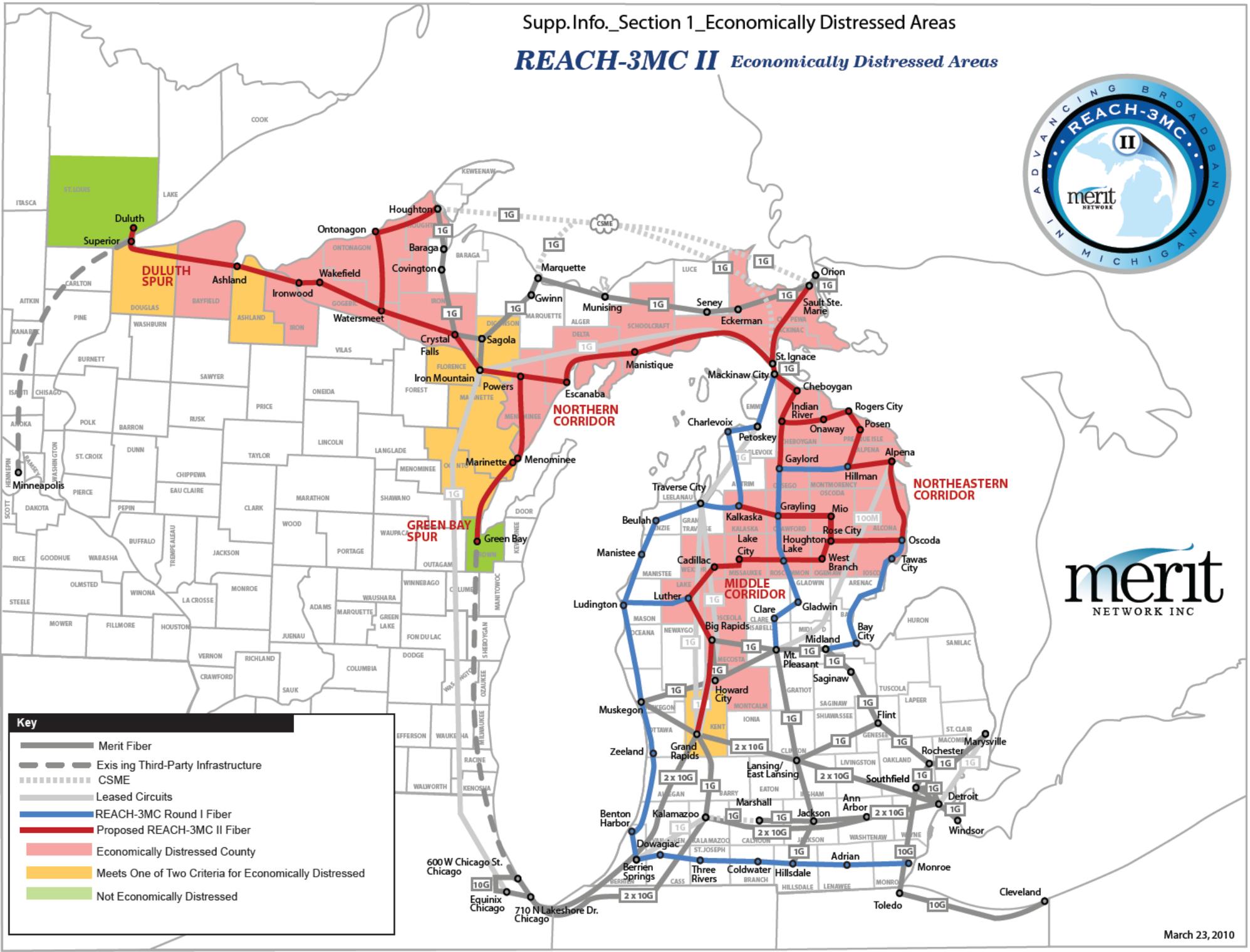
**Key**

- Merit Fiber
- Existing Third-Party Infrastructure
- ⋯ CSME
- Leased Circuits
- REACH-3MC Round I Fiber
- Proposed REACH-3MC II Fiber
- Last Mile Underserved County
- County With Underserved & Served Areas
- Last Mile Served County





# REACH-3MC II Economically Distressed Areas



**Key**

- Merit Fiber
- - - Existing Third-Party Infrastructure
- ⋯ CSME
- Leased Circuits
- REACH-3MC Round I Fiber
- Proposed REACH-3MC II Fiber
- Economically Distressed County
- Meets One of Two Criteria for Economically Distressed
- Not Economically Distressed



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.

**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.

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

\* NAME OF APPLICANT

Merit Network Inc.

\* AWARD NUMBER

N/A

\* PROJECT NAME

REACH Michigan Middle Mile Collaborative II (EGID: 4658)

Prefix:

Dr.

\* First Name:

Donald

Middle Name:

J

\* Last Name:

Welch

Suffix:

\* Title:

President/CEO, Merit Network Inc.

\* SIGNATURE:

*[Signature]*  
Completed by Grants.gov upon submission.

\* DATE:

5/18/10

Completed by Grants.gov upon submission.

### 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.

(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.

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.

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

NAME OF APPLICANT

Merit Network Inc.

AWARD NUMBER AND/OR PROJECT NAME (EGID: 4658)

Reach Michigan Middle Mile Co. II

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Donald J. Welch, President/CEO Merit Network Inc.

SIGNATURE

*[Handwritten Signature]*

DATE

5/18/10

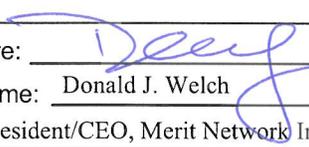
## DISCLOSURE OF LOBBYING ACTIVITIES

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

Approved by OMB

0348-0046

(See reverse for public burden disclosure.)

<b>1. Type of Federal Action:</b> <input checked="checked" type="checkbox"/> a. contract <input type="checkbox"/> b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	<b>2. Status of Federal Action:</b> <input type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award	<b>3. Report Type:</b> <input 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="checked" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known: Merit Network Inc. 1000 Oakbrook Dr, Suite #800 Ann Arbor, MI 48104 Congressional District, if known: 15th	<b>5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime:</b> n/a  Congressional District, if known: n/a	
<b>6. Federal Department/Agency:</b> Department of Commerce	<b>7. Federal Program Name/Description:</b> Broadband Technology Opportunities Program CFDA Number, if applicable: _____	
<b>8. Federal Action Number, if known:</b> unknown	<b>9. Award Amount, if known:</b> \$ 69,639,291.00	
<b>10. a. Name and Address of Lobbying Registrant</b> (if individual, last name, first name, MI): none	<b>b. Individuals Performing Services</b> (including address if different from No. 10a) (last name, first name, MI): 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></u> Print Name: <u>Donald J. Welch</u> Title: <u>President/CEO, Merit Network Inc.</u> Telephone No.: <u>(734) 527-5701</u> Date: <u>5/18/10</u>	
<b>Federal Use Only:</b>	Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)	

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

Name of Applicant Organization Merit Network Inc.  
DUNS Number 615121324  
Easy Grants # of Submitted Application 4658

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  Date 5/18/10  
Print name of authorized person Donald J. Webb  
Title or position President/CEO merit network inc.

## ASSURANCES - CONSTRUCTION PROGRAMS

OMB Approval No. 4040-0009  
Expiration Date 07/30/2010

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

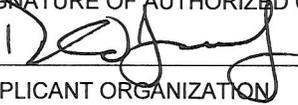
**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

- 11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
- 12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
- 13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
- 14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
- 15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the

- National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
- 16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
- 17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq).
- 18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-1 33, "Audits of States, Local Governments, and Non-Profit Organizations."
- 19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

*SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	*TITLE President <del>EO</del> , Merit Network, Inc 621,845.00
*APPLICANT ORGANIZATION Merit Network, Inc (Easy Grant 4658)	*DATE SUBMITTED 3/24/10 0.00 621,845.00

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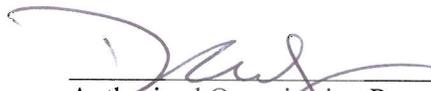
**U.S. Department of Commerce  
Broadband Technology Opportunities Program  
Authentication and Certifications**

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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 has 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) receives 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.

5/18/10  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Authorized Organization Representative Signature

Donald J. Welch  
\_\_\_\_\_  
Print Name

President / CEO, Merit Network  
\_\_\_\_\_  
Title