

July 30, 2019

Darrell Nitschke
Executive Secretary
Public Service Commission
State Capitol
600 East Boulevard Avenue, Twelfth Floor
Bismarck, ND 58505

VIA HAND DELIVERY

Re: Annual ETC Report for Calendar Year 2018 of New Cingular Wireless PCS, LLC

Dear Mr. Nitschke:

Enclosed for filing please find an original and eight copies of the following:

- New Cingular's Annual ETC Report for Calendar Year 2018;
- Map depicting cell sites in 2018, attached as Exhibit A-2;
- Use of Funds Certification of Brian D. West, Assistant Vice President for New Cingular, attached as Exhibit B;
- Compliance Certification of Brian D. West, Assistant Vice President for New Cingular, attached as Exhibit D;
- Redacted Confidential Exhibits A-1 and C referenced in the annual report; and
- Affidavit Regarding the Use of Federal High-Cost Support.

Please file-stamp one copy of the above-referenced filings and return it to me in the enclosed self-addressed envelope.

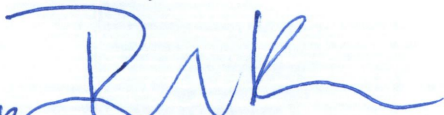
By separate cover letter, and separately bound and placed in a sealed envelope labeled "PROTECTED INFORMATION – PRIVATE" is one copy of Confidential Exhibits A-1 and C referenced in the annual report.

If you have any questions or concerns regarding this filing please contact my office at any time. Thank you for your consideration and attention to this matter.

July 30, 2019

Page 2

Sincerely,


Seth A. Thompson
SAT/aar

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF NORTH DAKOTA**

In the Matter of Annual Report of Eligible
Telecommunications Carrier
New Cingular Wireless PCS, LLC

Docket No. PU-_____

**ANNUAL ELIGIBLE TELECOMMUNICATIONS CARRIER REPORT FOR
CALENDAR YEAR 2018 OF NEW CINGULAR WIRELESS PCS, LLC**

I. INTRODUCTION

Pursuant to NDAC Rule Section 69-09-05-12.1, New Cingular Wireless PCS, LLC (“New Cingular”) submits this Annual Report and Certification for its study area in the state of North Dakota. Section 69-09-5-12.1 requires that the annual report provide information in eight subject areas. Those eight areas are addressed below.

A. New Cingular’s Progress Report On Its Service Improvement Plan

Section 69-09-05-12.1 (1) of the Commission’s Rules requires an Eligible Telecommunications Carrier (“ETC”) to provide:

A report describing the amount of high-cost universal service support the eligible telecommunications carrier received in the prior calendar years and that support was used for the provision, maintenance, or upgrading of the carrier’s facilities and services. The report must explain any changes from the reports previously provided to the commission. The report must also include an estimate of the amount of federal high-cost universal service support the carrier anticipates receiving in the following calendar year and describe how that support is projected to be used for the provision, maintenance or upgrading of the carrier’s facilities and services pursuant to Section 254 of the Telecommunications Act of 1996. The prior calendar year and following calendar years must identify specific construction or upgrade projects, describe how service will be improved for each project and provide the start date and completion date for each improvement, the amount of investment for each improvement, the specific geographic area where each improvement will be made, and the estimated population that will be served for each improvement.

New Cingular is providing as **Confidential Exhibit A-1** its progress report on the previously filed Service Improvement Plan for New Cingular for calendar year 2018, along with a revised Service

Improvement Plan for calendar year 2019 and a new Service Improvement Plan for calendar year 2020 based on New Cingular's projected federal ETC support. The Service Improvement Plan is subject to change over time for various reasons, including, but not limited to, changes in consumer demand and projected costs, the amount of universal service support actually received, and delays to projects caused by zoning/permitting, weather, lease negotiations, and the back-order of equipment. New Cingular is also providing in Exhibit A-2 a map depicting cell sites added in 2018 and coverage as of the end of that year.

Confidential Exhibit A-1 is being filed separately and is protected material pursuant to N.D.A.C. 69-02-09-13(1).

New Cingular has and will continue to utilize federal high-cost universal service support for the provision, maintenance, and upgrading of facilities and services for which the support is intended consistent with section 254(e) of the Telecommunications Act of 1996 (the "Act"). The use of funds certification of Brian West, Assistant Vice President – Northern Plains for New Cingular is attached as **Exhibit B**.

B. New Cingular Network Outages In North Dakota Designated Area

Section 69-09-05-12.1(2) of the Commission's Rules requires an ETC to annually report network outages within its Designated Area. The Rule specifically requires:

Detailed information on any outage, as that term is defined in 47 C.F.R. 4.5, of at least 30 minutes in duration for each designated service area for any facilities it owns, operates, leases, or otherwise utilizes that potentially affect at least ten percent of the end users served in a designated service area; or a 911 special facility, as defined in 47 C.F.R. 4.5(e). Specifically, the eligible telecommunications carrier's annual report must include information detailing: (a) The date and time of onset of the outage; (b) A brief description of the outage and its resolution; (c) The particular services affected; (d) The geographic areas affected by the outage; (e) Steps taken to prevent a similar situation in the future; and (f) The number of customers affected.

Confidential Exhibit C provides the number of outages and the required detailed information for each outage. **Confidential Exhibit C** is being filed separately and is protected material pursuant to N.D.A.C. 69-02-09-13(4).

C. New Cingular's Unfulfilled Requests For Service

Section 69-09-05-12.1(3) of the Commission's Rules requires an ETC to annually report the number of requests for service from potential customers within the ETC's designated service area that were unfulfilled during the past year. The filing must also detail how the ETC attempted to provide service to those potential customers. In response to a request for service, New Cingular takes the following steps:

- 1) New Cingular will provide service on a timely basis to requesting customers within New Cingular's service area where New Cingular's network already passes the potential customer's premises.
- 2) If a customer cannot be served by New Cingular's existing facilities, New Cingular will provide service within a reasonable period of time, if service can be provided at reasonable cost by:
 - a) Modifying or replacing the requesting customer's equipment;
 - b) Deploying a roof-mounted antenna or other equipment;
 - c) Adjusting the nearest cell tower;
 - d) Adjusting network or customer facilities
 - e) Reselling services from another carrier's facilities to provide service; or
 - f) Employing, leasing or constructing an additional cell site, cell extender, repeater, or other similar equipment.

If, after these steps, the customer cannot be served, New Cingular will notify the customer and provide the Commission with an annual report of how many requests for service could not be filled. In 2018 New Cingular had no (0) unfulfilled requests for service.

D. New Cingular's Complaints Per 1,000 Handsets Or Lines

Section 69-09-05-12.1(4) of the Commission's Rules requires an ETC to annually report the number of complaints per 1,000 handsets or lines. New Cingular has identified the number of complaints received from the Public Service Commission of North Dakota, the Federal Communications Commission, the North Dakota Attorney General, and the Better Business Bureau (BBB), per 1,000 handsets during the 2018 calendar year as 0.8139 per 1,000 handsets. New Cingular believes that this information best represents customer complaints, which is the requirement. Calls into customer care can be for a large variety of reasons and do not necessarily constitute a complaint, but could instead be an inquiry about service, a question about a bill or so forth. However, customers that send a letter to a state

or federal agency, the BBB or an AT&T executive more often than not have a complaint and are not contacting the company with an inquiry.

E. New Cingular's Certification Regarding Applicable Service Quality Standards And Consumer Protection Rules

Section 69-09-5-12.1(5) of the Commission's Rules requires an ETC to certify that it is complying with applicable service quality standards and consumer protection rules. New Cingular's compliance with the terms and conditions of the CTIA Consumer Code for Wireless Service meets this requirement. New Cingular certifies that it has complied and will continue to comply with the principles set forth therein. The certification of Brian West, Assistant Vice President – Northern Plains for New Cingular is attached as **Exhibit D**.

F. New Cingular's Certification Regarding Its Ability To Function In Emergency Situations

Section 69-09-05-12.1(6) of the Commission's Rules requires an ETC to certify an ability to function in emergency situations. AT&T Mobility has in place emergency operation procedures so that it can function in an emergency. Backup power is provided at switch locations and generally at cell sites through a combination of batteries, portable generators and permanent generators. New Cingular also has mobile switches and portable COWs (Cells on Wheels) that can be deployed in the event of an emergency. Based on the foregoing, New Cingular certifies it is able to function in emergency situations. The certification of Brian West, Assistant Vice President – Northern Plains for New Cingular is attached as **Exhibit D**.

G. New Cingular's Certification Regarding Its Provision Of A Comparable Local Usage Plan

Section 69-09-05-12.1(7) of the Commission's Rules requires an ETC to certify it is offering a local usage plan comparable to the incumbent local exchange carrier ("ILEC") in the relevant service areas. In the *ETC Report and Order*, the Federal Communications Commission ("FCC") declined to

adopt a specific local usage threshold or require that an applicant match the incumbent LEC's offering.¹ Rather, the FCC concluded that the comparability of rate plans should be evaluated on a case-by-case basis, in consideration of the number of included minutes, the size of the "local" calling area, monthly price, and other factors.²

While the inherent differences between mobile phone service and landline service make an exact comparison unfeasible, New Cingular offers calling plans that provide customers local usage that is comparable to the ILEC when taking into account all of the additional features, functionalities of New Cingular's current service offerings along with the inherent mobile natures of New Cingular's service. For example, customers that choose the AT&T Mobile Share AdvantageSM plans do not pay additional long distance charges for calls made within the United States. The AT&T Mobile Share AdvantageSM calling plans provide unlimited voice and text for phones and a variety of mobile data options and include numerous features at no additional charge, such as, Voicemail, Caller ID, Call Forwarding, Call Waiting, and Conference Calling. In addition to these calling plans, New Cingular also offers an option for prepaid or pay-as-you-go wireless service. All of New Cingular's calling plans inherently include the added value of being mobile and as such increases the value of New Cingular's calling plans.

Based on the foregoing, New Cingular certifies that it offers and will continue to offer at least one local usage plan that provides local usage that, when taking into account all of the additional benefits of New Cingular's service offerings, including the added value of mobile service, are comparable to that offered by the ILEC in the relevant designated service area. The certification of Brian West, Assistant Vice President – Northern Plains for New Cingular is attached as **Exhibit D**.

H. New Cingular's Certification Regarding the Commission's Ability to Require it to Provide Equal Access

¹ *Federal-State Joint Board on Universal Service*, Report and Order, CC Docket. No. 96-45, 20 FCC Rcd 6371, ¶¶ 32, 33 (2005) ("*ETC Report and Order*").

² *Id.* at ¶ 33.

NDAC §69-09-05-12.1(8) requires a wireless carrier to certify that the carrier acknowledges that the FCC may require it to provide equal access to long-distance carriers in the event no other eligible telecommunications carrier is providing equal access within the designated service area. This North Dakota rule mirrored an FCC rule previously contained in 47 C.F.R. 54.202(a)(5). The FCC eliminated this rule in 2011. Consequently, there is no such federal requirement to which New Cingular or any wireless carrier could certify.

III. CONCLUSION

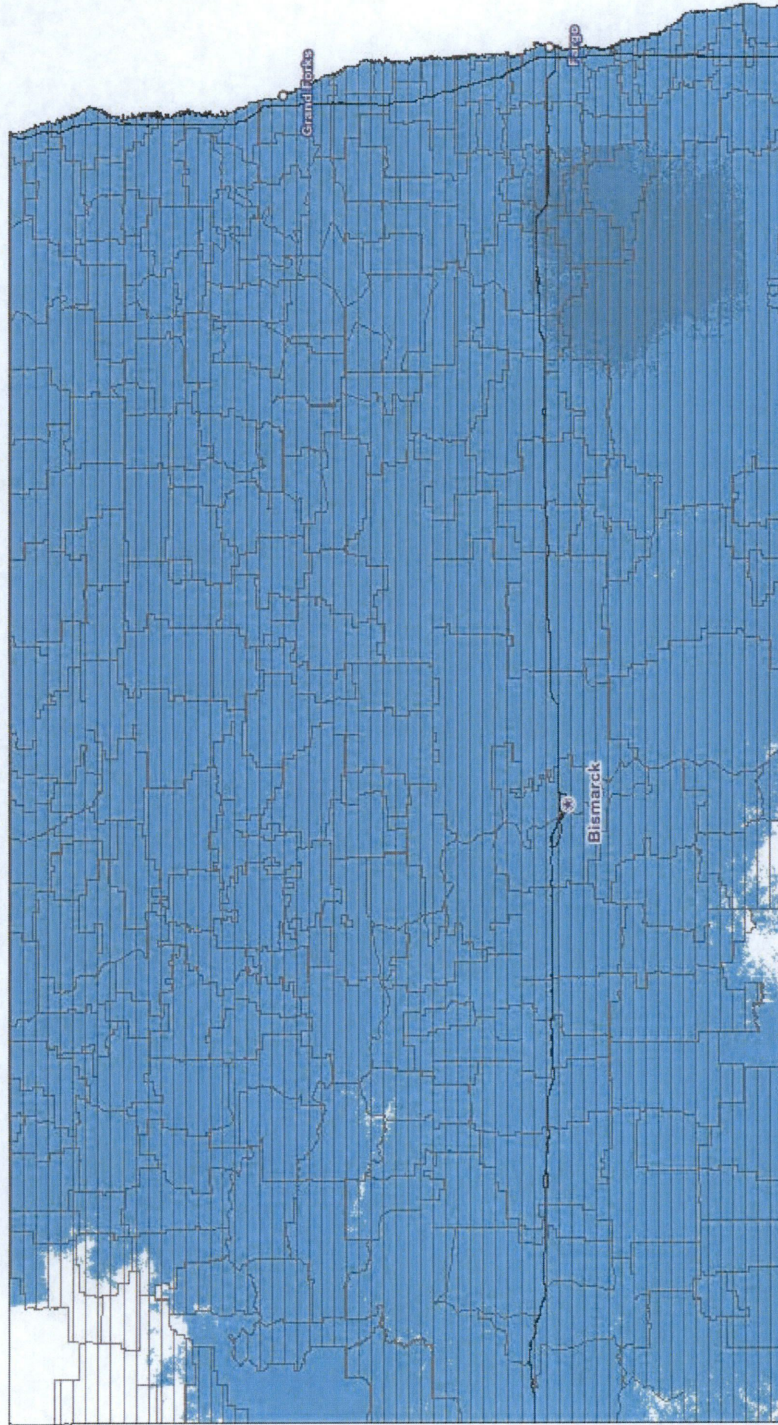
New Cingular has provided all of the information required by NDAC Section 69-09-05-12.1.

Dated: July 30, 2019

New Cingular Wireless PCS, LLC
(#083919)
Seth A. Thompson (#07662)
(Outside Counsel)



Exhibit A2 - 2018 North Dakota Coverage



Legend:
ETC Wire Center
EOY 2018 (-110 dBm)
EOY 2019 (-110 dBm)

AT&T Confidential and Proprietary. Use pursuant to Company instructions

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF NORTH DAKOTA

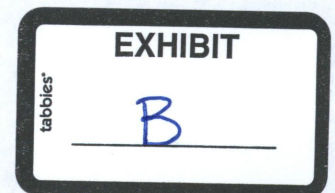
Certification of NEW
CINGULAR WIRELESS PCS, LLC
Eligible Telecommunications Carrier
Relating to Use of Federal Universal
Service Funds

DOCKET NO. _____

CERTIFICATION

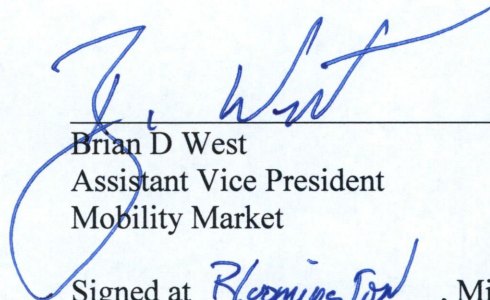
I, Brian D West, do hereby certify as follows:

1. I serve as Assistant Vice President – Mobility Markets for AT&T Mobility LLC (“Company”), and its subsidiary New Cingular Wireless PCS, LLC (“New Cingular”). My business address is 7900 Xerxes Avenue South, Floor 1, Bloomington, Minnesota 55431.
2. In my capacity as Assistant Vice President, I am an authorized representative of the Company and its subsidiary licensees and am authorized to execute this certification on behalf of New Cingular.
3. New Cingular has been designated as an Eligible Telecommunications Carrier (“ETC”) for the purpose of qualifying to obtain all available federal universal service support including, but not limited to, support for rural, insular and high costs areas, and for low-income customers, In the Matter of the Application of New Cingular Wireless PCS, LLC for Designation as an Eligible Telecommunications Carrier, Order, ND. PUC Case No. PU-11-86 (July 13, 2011).
4. New Cingular only used the federal high-cost universal service support received during the preceding calendar year (2018) and will only use the federal high-cost support received in the coming calendar year (2020) for the provision, maintenance, and upgrading of facilities and services for which the support is intended as required by Section 254(e) of the Telecommunications Act of 1996.



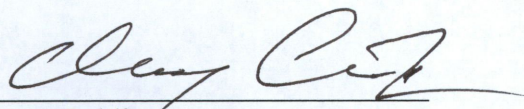
I hereby certify under penalty of perjury that the foregoing is true and correct to the best of my knowledge, information and belief.

Executed on July 23, 2019.

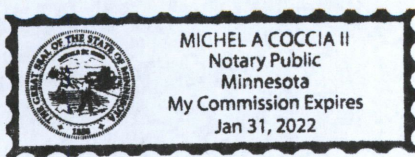


Brian D West
Assistant Vice President
Mobility Market
Signed at Bloomington, Minnesota

Subscribed and sworn to before me
This 23 day of July, 2019.



Notary Public



BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF NORTH DAKOTA

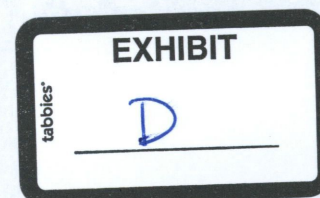
Annual Certification of NEW)
CINGULAR WIRELESS PCS, LLC)
Eligible Telecommunications Carrier)

DOCKET NO. PU-_____

CERTIFICATION

I, Brian D West, do hereby certify as follows:

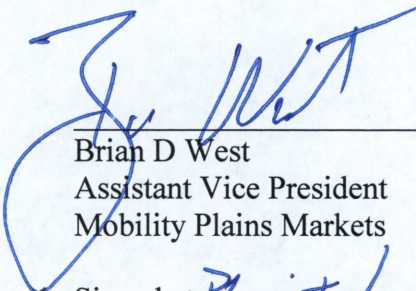
1. I serve as Assistant Vice President for AT&T Mobility LLC (“Company”), and its subsidiary New Cingular Wireless PCS, LLC (“New Cingular”). My business address is 7900 Xerxes Avenue South, Suite 301 , Bloomington, Minnesota 55431.
2. In my capacity as Assistant Vice President, I am an authorized representative of the Company and its subsidiary licensees and am authorized to execute this certification on behalf of New Cingular.
3. New Cingular has been designated as an Eligible Telecommunications Carrier (“ETC”) to obtain federal universal service support including, but not limited to, support for rural, insular and high costs areas, and for low-income customers, In the Matter of the Application of New Cingular Wireless PCS, LLC for Designation as an Eligible Telecommunications Carrier, order, ND. PUC Case No. PU-11-86 (July 13, 2011).
4. New Cingular meets the following requirements pursuant to NDAC Section 69-09-05-12.1:
 - a) NDAC §69-09-05-12.1(5) requires that New Cingular comply with applicable service quality standards and consumer protection rules. New Cingular complies with the Cellular Telecommunications and Internet Association’s (CTIA) Consumer Code for Wireless Service (“Code”).
 - b) NDAC Section 69-09-05-12.1(6) requires New Cingular to be able to function in emergency situations. As described in the Application for Designation as an Eligible Telecommunications Carrier and its Annual Report for calendar year 2012, New Cingular has in place emergency operation procedures so that it can function in an emergency. In addition, backup power is provided at switch locations and generally at cell sites through a combination of batteries, portable generators and permanent generators. New Cingular can also deploy portable mobile cell sites, and has the ability to re-route traffic around damaged network facilities.



- c) NDAC Section 69-09-05-12.1(7) requires New Cingular to offer a local usage plan comparable to that offered by an incumbent local exchange carrier (“ILEC”) in the relevant designated service area. While the inherent differences between mobile phone service and landline service make an exact comparison unfeasible, New Cingular offers calling plans that provide customers local voice usage that is comparable to the incumbent local exchange company (“ILEC”) when all of the additional features and functionalities and the advantage of the mobile nature of wireless service are taken into account. For example, customers that choose the AT&T Mobile Share AdvantageSM calling plans do not pay additional long distance charges for calls made within the United States. The AT&T Mobile Share AdvantageSM calling plans also include numerous features at no additional charge, including: Voicemail, Caller ID, Call Forwarding, Call Waiting, and Conference Calling. The AT&T Mobile AdvantageSM Value plans also provide unlimited voice and text for phones and a variety of mobile data options. As such these calling plans provide customers with local voice usage that, when taking into account all of the additional benefits of New Cingular’s service offerings, including the mobile nature of service, are comparable to the ILEC’s calling plans.

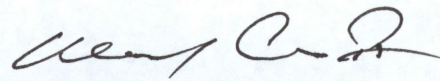
I hereby certify under penalty of perjury that the foregoing is true and correct to the best of my knowledge, information and belief.

Executed on July 23, 2019.

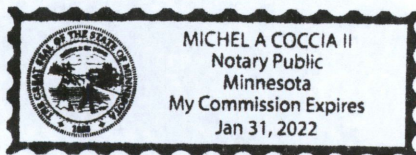


Brian D West
Assistant Vice President
Mobility Plains Markets
Signed at Bloomington, Minnesota

Subscribed and sworn to before me
This 23 day of July, 2019



Notary Public

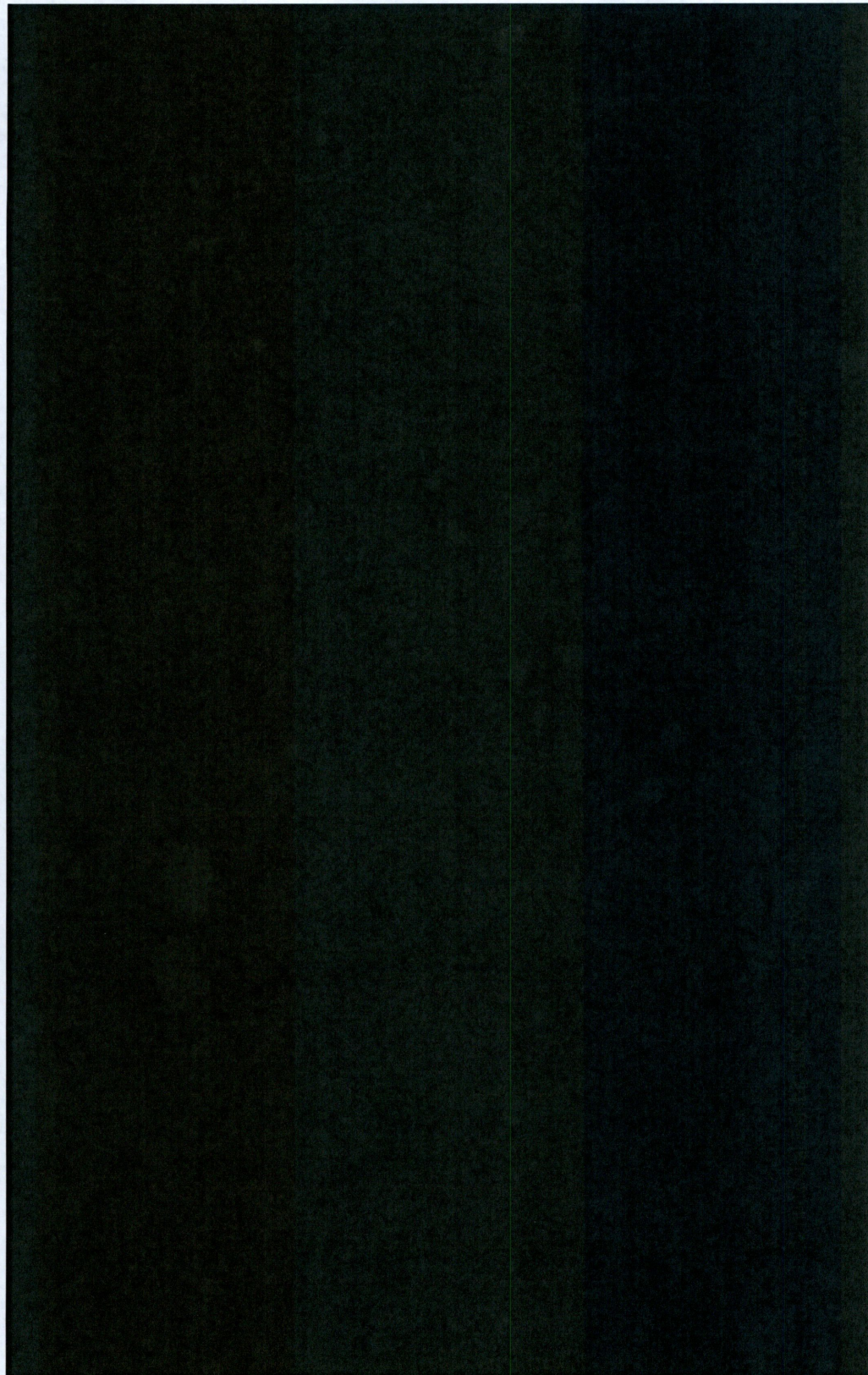


ILEC Study Area (list every study area)	Wire Center CLI (list every wire center)
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	Wire Center Total
381614	ADMSNDXA
	Wire Center Total
381625	ALAMNDXA
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381632	ALXNDXA
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381616	BELONDXA
	Wire Center Total
381636	BISNDXA
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	Wire Center Total
385144	BLENDDBC
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	Wire Center Total
385144	BSMRNDBC
	Wire Center Total
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	Wire Center Total
385144	BSMRNDBC
	Wire Center Total
381636	BTNDNDXA
	Wire Center Total
381636	BTNDNDXA
	Wire Center Total



Confidential Exhibit 389015ND112 - 2018 North Dakota Service Improvement Plan 2018 Actual

ILEC Study Area (list every study area)	Wire Center CLLI (list every wire center)
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	Wire Center Total
381625	BWBLNDXA
	Wire Center Total
381607	BWMWNDXA
	Wire Center Total
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381610	CGTNNDXA
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	Wire Center Total



Confidential Exhibit 389015ND112 - 2018 North Dakota Service Improvement Plan 2018 Actual

FA CODE	ILEC Study Area (list every study area)	Wire Center CLI (list every wire center)
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		Wire Center Total

Confidential Exhibit 389015ND112 - 2018 North Dakota Service Improvement Plan 2018 Actual

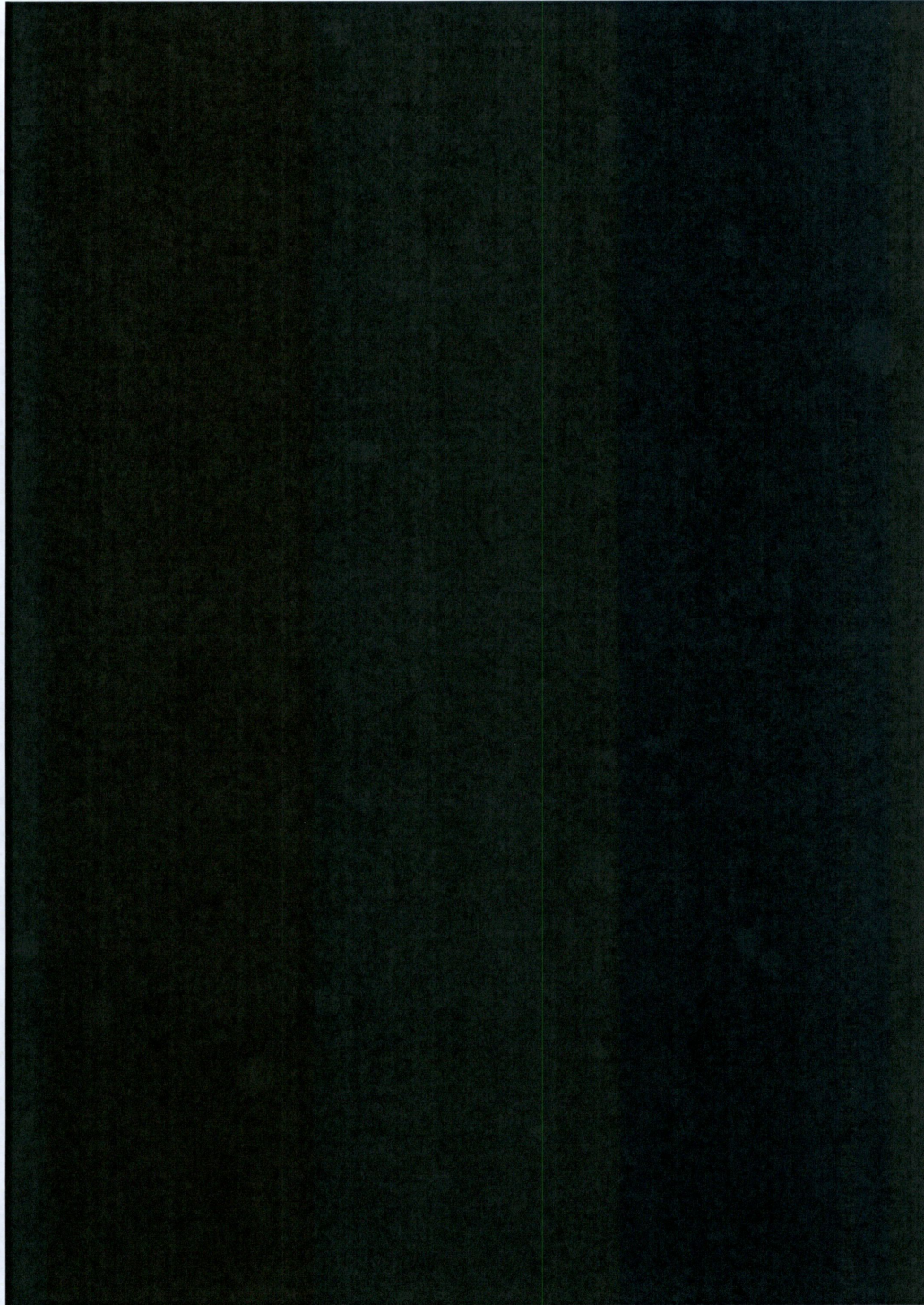
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		Wire Center Total
	381616	HNFNDNDXA
		Wire Center Total
	381630	HINTRNDXA
		Wire Center Total
	381616	HOPENDXA
		Wire Center Total

Confidential Exhibit 389015ND112 - 2018 North Dakota Service Improvement Plan 2018 Actual

ILEC Study Area (list every study area)	Wire Center CLI (list every wire center)	Wire Center Name
381630	HPLENDXA	HOOPLE
	HRVYNDXA	
381607	HTNGNDXA	HETTINGER
385144	HTTNDDBC	HATTON
381630	INKSNDXA	INKSTER
385144	JMTWNDBC	JAMESTOWN
385144	JMTWNDBC	JAMESTOWN
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381632	KEENNDXA	KEENE
381607	KLDRNDXA	KILLDEER
385144	KNDNRDEC	KINDRED
381632	KMRNDXA	KENMARE
381447	KNOXNDXA	KNOX
383303	KRLSNDXA	KARLSRUHE
381636	KWRNDXA	KRAMER
381607	LADDNDXA	LADD
381614	LAKTNDXA	LAKOTA
381447	LEDSNDXA	LEEDS
381625	LGNNDXA	LIGNITE
381631	LGWMDNDXA	LIDGERWOOD
383303	LNDANDXA	LANDA
383303	LNFRNDXA	LANSFORD
381636	LNGDNDXA	LANGDOON
381636	LNGDNDXA	LANGDOON
381630	LKNNDXA	LANKIN
385144	LNKNDMW	LEONARD
381604	LNTNNDXA	LINTON
381604	LNTNNDXA	LINTON
381604	LNTNNDXA	LINTON
385144	LRRNDDBA	LARIMORE
385144	MANVNDBC	MANVEL
383303	MARTNDXA	MARTIN

Confidential Exhibit 389015ND112 - 2018 North Dakota Service Improvement Plan 2018 Actual

FA CODE	ILEC Study Area (list every study area)	Wire Center CLI (list every wire center)	Wire Center Name
	381632	MAXNDXA	MAXND
		Wire Center Total	
	381637	MCCSNDXA	MCCLUSKY
		Wire Center Total	
	381630	MCGNNDXA	MICHIGAN
		Wire Center Total	
	381625	MCGRRNDXA	MCGREGOR
		Wire Center Total	
	381615	MCHNNNDXA	MCHEERY
		Wire Center Total	
	381637	MCLGSDXA	NOMCLAGHLI
		Wire Center Total	
	381447	MCVLNDXA	MCVILLE
		Wire Center Total	
	381447	MCRXNDXA	MADDOCK
		Wire Center Total	
	381610	MEDANNDXA	MEDINA
		Wire Center Total	
	381617	MEDPRNDXA	MEDORA
		Wire Center Total	
	383303	MHLNDXA	MOHALL
		Wire Center Total	
	385144	MINTNDBA	MINTO
		Wire Center Total	
	381632	MKTNDXA	MAKOTI
		Wire Center Total	
	381636	MLTNDXA	MILTON
		Wire Center Total	
	383303	MNAABNDXA	MINOT AFB
		Wire Center Total	
	381636	MNCHNDXA	MUNICH
		Wire Center Total	
	385144	MNDNDBA	BISMARCK-MANDAN
		Wire Center Total	
	385144	MNDNDBA	BISMARCK-MANDAN
		Wire Center Total	
	381632	MNDRNDXA	MANDAREE
		Wire Center Total	
	381604	MKNNDAB	MENOKEN
		Wire Center Total	
	381604	MKNNDAB	MENOKEN
		Wire Center Total	
	381604	MKNNDAB	MENOKEN
		Wire Center Total	
	381607	MNNGNDXA	MANNING
		Wire Center Total	
	383303	MNOTNDXA	MINOT
		Wire Center Total	
	383303	MNOTNDXA	MINOT
		Wire Center Total	
	383303	MNOTNDXA	MINOT
		Wire Center Total	
	383303	MNOTNDXA	MINOT
		Wire Center Total	
	383303	MNOTNDXA	MINOT
		Wire Center Total	
	381447	MINWVNDXA	MINNEWAUKAN
		Wire Center Total	
	381637	MRCRNDXA	MERCER
		Wire Center Total	
	381625	MRRWINDXA	MARMON
		Wire Center Total	
	381631	MRTNNDXA	MOORETON



Confidential Exhibit 389015ND112 - 2018 North Dakota Service Improvement Plan 2018 Actual

ILEC Study Area (list every study area)	Wire Center CLLI (list every wire center)	Wire Center Name
	Wire Center Total	
383303	MTGSSNDXA	METIGOSHE
	Wire Center Total	
383303	MXBSNDXA	MAXBASS
	Wire Center Total	
385144	MYVLNDEC	MAYVILLE
	Wire Center Total	
381630	NCHENDXA	NECHE
	Wire Center Total	
381630	NEKMNDA	NEKOMA
	Wire Center Total	
381607	NELDNDXA	NEW ENGLAND
	Wire Center Total	
381607	NELDNDXA	NEW ENGLAND
	Wire Center Total	
381630	NGRANDXA	NIAGARA
	Wire Center Total	
381401	NLWLNDA	W NIELSVL
	Wire Center Total	
381616	NONENDXA	NOME
	Wire Center Total	
381625	NONANDXA	NOONAN
	Wire Center Total	
381632	NORMNDXA	NORMA
	Wire Center Total	
383303	NVBGNDXA	NEWBURG
	Wire Center Total	
385144	NWODNDBC	NORTHWOOD
	Wire Center Total	
381447	NWRKNDXA	NEW ROCKFORD
	Wire Center Total	
381637	NWSLNDXA	NEW SALEM
	Wire Center Total	
381637	NWSLNDXA	NEW SALEM
	Wire Center Total	
381632	NWTWNDXA	NEW TOWN
	Wire Center Total	
381632	NWTWNDXA	NEW TOWN
	Wire Center Total	
381616	PAGEENDXA	PAGE
	Wire Center Total	
381447	PEKNDXA	PEKIN
	Wire Center Total	
381447	PENNDXA	PENN
	Wire Center Total	
381637	PKYNDXA	PICK CITY
	Wire Center Total	
381630	PKRVND01	PARK RIVER
	Wire Center Total	
381630	PKRVND01	PARK RIVER
	Wire Center Total	
381632	PLAZNDXA	PLAZA
	Wire Center Total	
381614	PMBNNDDBC	PEMBINA
	Wire Center Total	
381632	PRSHNDXA	PARSHALL
	Wire Center Total	
381617	PRTLNDXA	PORTAL
	Wire Center Total	
381630	PTBGNDXA	PETERSBURG
	Wire Center Total	
381625	PWLKNDXA	POWERSLAKE
	Wire Center Total	
381625	RAY NDXA	RAY



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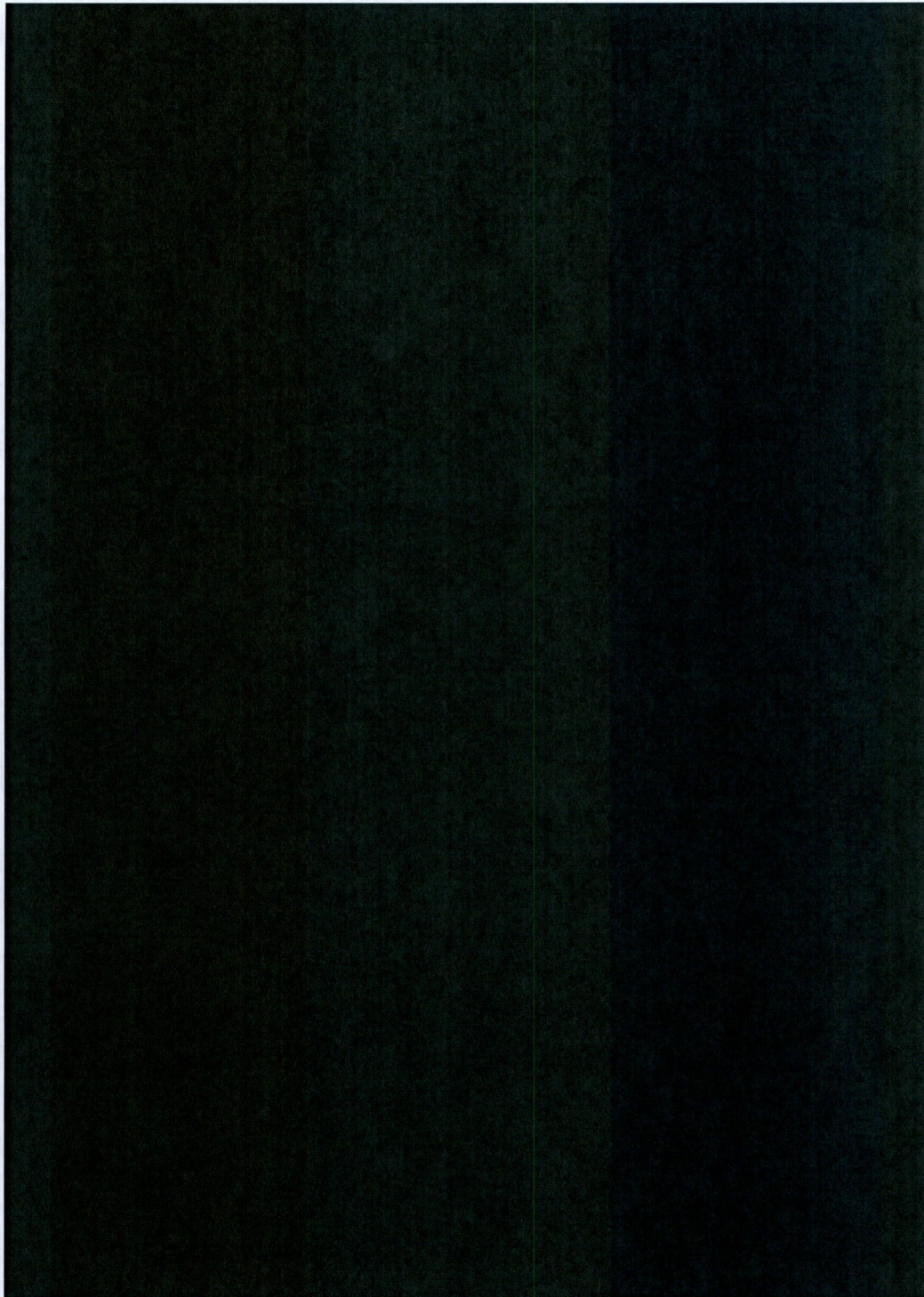
FA CODE	ILEC Study Area (list every study area)	Wire Center CLI (list every wire center)	Wire Center Name
	381604	Wire Center Total	ROBINSON
		Wire Center Total	
	381607	Wire Center Total	RICHARDTON
		Wire Center Total	
	381636	Wire Center Total	ROCK LAKE
		Wire Center Total	
	381607	Wire Center Total	REEDER
		Wire Center Total	
	381625	Wire Center Total	ROUNDPRARI
		Wire Center Total	
	381447	Wire Center Total	RUGBY
		Wire Center Total	
	381607	Wire Center Total	REGENT
		Wire Center Total	
	381607	Wire Center Total	RHAME
		Wire Center Total	
	381636	Wire Center Total	ROLETTE
		Wire Center Total	
	381636	Wire Center Total	ROLLA
		Wire Center Total	
	381636	Wire Center Total	ROLLA
		Wire Center Total	
	381632	Wire Center Total	ROSS
		Wire Center Total	
	381632	Wire Center Total	ROSEGLIN
		Wire Center Total	
	381632	Wire Center Total	RYDER
		Wire Center Total	
	395144	Wire Center Total	REYNOLDS
		Wire Center Total	
	381607	Wire Center Total	SCRANTON
		Wire Center Total	
	361401	Wire Center Total	WESTSHELLY
		Wire Center Total	
	381607	Wire Center Total	SOUTHHEART
		Wire Center Total	
	383303	Wire Center Total	SHERWOOD
		Wire Center Total	
	381447	Wire Center Total	SHEYENNE
		Wire Center Total	
	381637	Wire Center Total	SELFRIEDGE
		Wire Center Total	
	381616	Wire Center Total	SANBORN
		Wire Center Total	
	381637	Wire Center Total	STANTON
		Wire Center Total	
	381636	Wire Center Total	SOURIS
		Wire Center Total	
	381632	Wire Center Total	SPENCER
		Wire Center Total	
	383303	Wire Center Total	SOUTH PRAIRIE
		Wire Center Total	
	381632	Wire Center Total	SQUAW GAP
		Wire Center Total	
	381636	Wire Center Total	SARLES
		Wire Center Total	
	381637	Wire Center Total	ST ANTHONY
		Wire Center Total	
	381604	Wire Center Total	STEELE
		Wire Center Total	
	381604	Wire Center Total	STEELE
		Wire Center Total	

Confidential Exhibit 389015ND112 - 2018 North Dakota Service Improvement Plan 2018 Actual

FA CODE	ILEC Study Area (list every study area)	Wire Center CLLI (list every wire center)	Wire Center Name
	381617	STNLNDXA	STANLEY
	381447	STRKNDXA	STARKWEATHER
	381630	STTMNDXA	ST THOMAS
	383303	SWYRNDXA	SAWYER
	385144	THSNNDXC	THOMPSON
	381625	TIOGNDXA	TIOGA
	381625	TIOGNDXA	TIOGA
	381447	TOLVNDXA	TOLNA
	383303	TOLVNDXA	TOLLEY
	381637	TRLNNDXA	TURTLELAKE
	381616	TWCYNDXA	TOWER CITY
	383303	TWNRNDXA	TOWNER
	381637	UNMDNDXA	RIVERDALE
	383303	UPHMNDXA	UPHAM
	385144	VLCYNDXC	VALLEY CITY
	385144	VLCYNDXC	VALLEY CITY
	383303	VLVANDXA	VELVA
	381611	VNTRNDXA	VENTURIA
	381636	WALSNDXA	WALES
	381447	WBSSTNDXA	WEBSTER
	381610	WDWONDXA	WOODWORTH
	385144	WFRGNDBC	FARGO
	385144	WFRGNDBC	FARGO
	385144	WFRGNDBC	FARGO
	385144	WFRGNDBC	FARGO
	385144	WFRGNDBC	FARGO
	385144	WFRGNDBC	FARGO
	385144	WFRGNDBC	FARGO
	383303	WHOPNDXA	WESTHOPE
	385144	WHITNDXC	WHIPETON
	385144	WHITNDXC	WHIPETON
	381606	WLCNDXA	WALCOTT
	381636	WLCNDXA	WILLOW CITY

Confidential Exhibit 389015ND112 - 2018
North Dakota Service Improvement Plan 2019 Projection

FA CODE	ILEC Study Area (list every study area)	Wire Center CLLI (list every wire center)	Wire Center Name
	381631	ABRCNDXA	ABERGROMBI
		Wire Center Total	
	381614	ADMSNDXA	ADAMS
		Wire Center Total	
	381625	ALAMNDXA	ALAMO
		Wire Center Total	
	381616	ALICNDXA	ALICE
		Wire Center Total	
	381632	ALXNDXA	ALEXANDER
		Wire Center Total	
	381607	AMDNNDXA	AMIDON
		Wire Center Total	
	381630	ANTANDXA	ANETA
		Wire Center Total	
	385303	ANTLNDXA	ANTLER
		Wire Center Total	
	381632	ARRGNDXA	ARNEGARD
		Wire Center Total	
	381630	ARTHNDXA	ARTHUR
		Wire Center Total	
	381611	ASHYNDXA	ASHLEY
		Wire Center Total	
	381447	BALTNDXA	BALTA
		Wire Center Total	
	381638	BECHNDXA	BEACH
		Wire Center Total	
	381638	BECHNDXA	BEACH
		Wire Center Total	
	381637	BELHNDXA	BEULAH
		Wire Center Total	
	381618	BFLONDXA	BUFFALO
		Wire Center Total	
	381636	BISBNDXA	BISBEE
		Wire Center Total	
	385144	BLFNDDBC	BELFIELD
		Wire Center Total	
	385144	BLFNDDBC	BELFIELD
		Wire Center Total	
	381619	BNFRNDXA	BINFORD
		Wire Center Total	
	381630	BRCKNDXA	BROCKET
		Wire Center Total	
	383303	BRTNDXA	BERTHOLD
		Wire Center Total	
	385144	BSMRNDBC	BISMARCK-MANDAN
		Wire Center Total	
	385144	BSMRNDBC	BISMARCK-MANDAN
		Wire Center Total	
	385144	BSMRNDBC	BISMARCK-MANDAN
		Wire Center Total	
	385144	BSMRNDBC	BISMARCK-MANDAN
		Wire Center Total	
	385144	BSMRNDBC	BISMARCK-MANDAN
		Wire Center Total	
	385144	BSMRNDBC	BISMARCK-MANDAN
		Wire Center Total	
	385144	BSMRNDBC	BISMARCK-MANDAN
		Wire Center Total	
	385144	BSMRNDBC	BISMARCK-MANDAN
		Wire Center Total	
	381638	BTUNNDXA	BOTTINEAU
		Wire Center Total	
	381638	BTUNNDXA	BOTTINEAU
		Wire Center Total	



Confidential Exhibit 389015ND112 - 2018
North Dakota Service Improvement Plan 2019 Projection

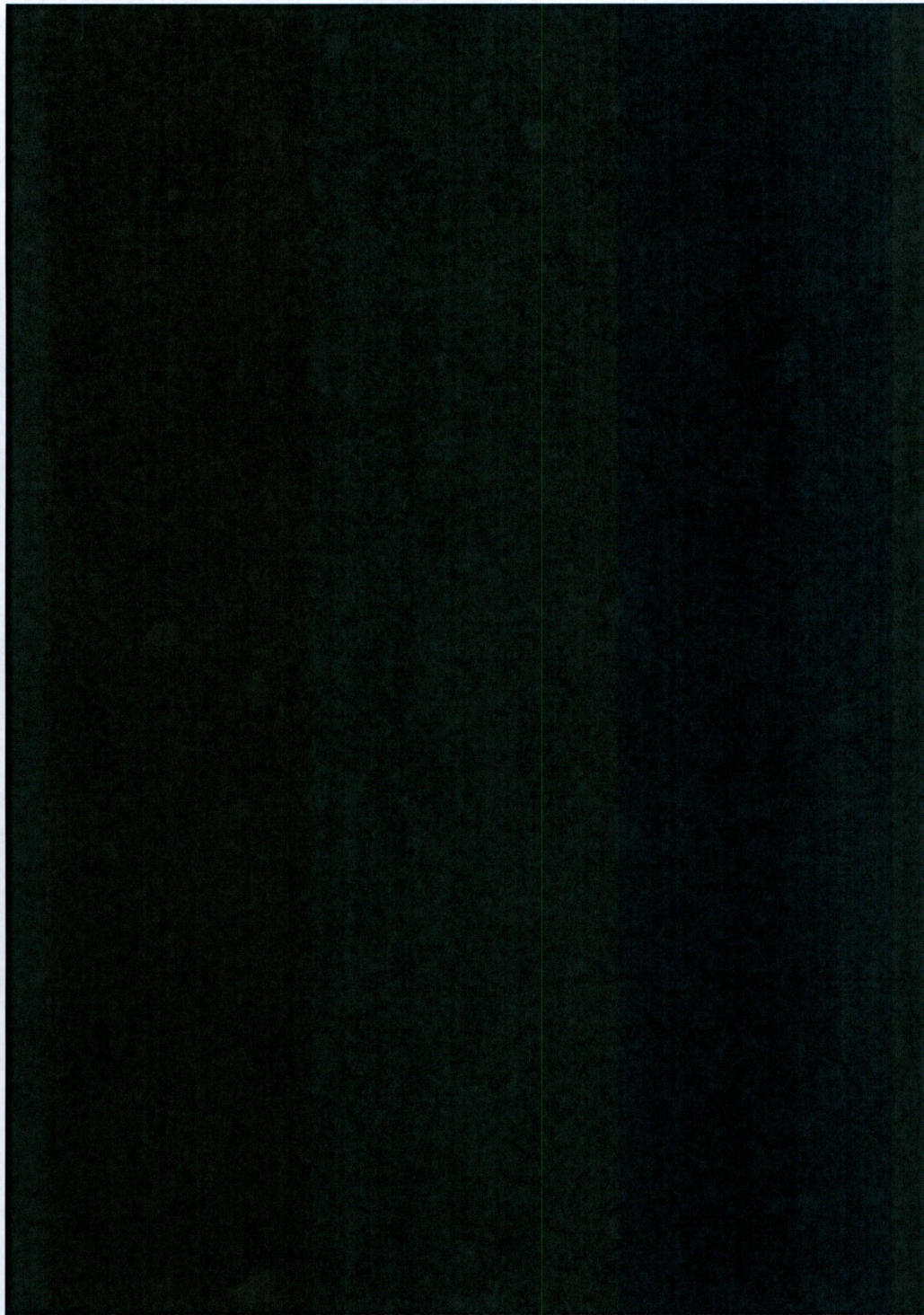
FA CODE	ILEC Study Area (list every study area)	Wire Center CLLI (list every wire center)	Wire Center Name
	383303	BUTNDXA	BUTTE
		Wire Center Total	
	381625	BWBLNDXA	BOWBELLS
		Wire Center Total	
	381607	BWNNNDXA	BOWMAN
		Wire Center Total	
	381447	CANDNDXA	CANDO
		Wire Center Total	
	381610	CGTNNDXA	CARRINGTON
		Wire Center Total	
	381610	CGTNNDXA	CARRINGTON
		Wire Center Total	
	381610	CGTNNDXA	CARRINGTON
		Wire Center Total	
	381631	CLFXNDXA	COLFAX
		Wire Center Total	
	381625	CLMBNDXA	COLUMBUS
		Wire Center Total	
	381401	CLWANNXC	WESTCLIMAX
		Wire Center Total	
	381637	CLTRNDXA	CENTER
		Wire Center Total	
	381616	CPTMNDXA	COOPERSTN
		Wire Center Total	
	381616	CPTMNDXA	COOPERSTN
		Wire Center Total	
	383303	CRPONDXA	CARPIO
		Wire Center Total	
	381447	CRRYNDXA	CRARY
		Wire Center Total	
	381625	CRSBNDXA	CROSBY
		Wire Center Total	
	381637	CRSNNDXA	CARSON
		Wire Center Total	
	381630	CRYSNDXA	CRYSTAL
		Wire Center Total	
	385144	CSLTNDXC	CASSELLTON
		Wire Center Total	
	381630	CVLKNDXA	CAVALIER
		Wire Center Total	
	381616	DAZYNDXA	DAZEY
		Wire Center Total	
	381607	DCSNNDAS	DICKINSON
		Wire Center Total	
	385144	DCSNNDXC	DICKINSON
		Wire Center Total	
	385144	DCSNNDXC	DICKINSON
		Wire Center Total	
	383303	DELCNDXA	DES LACS
		Wire Center Total	
	381632	DGLSNDXA	DOUGLAS
		Wire Center Total	
	381630	DHLNNDXA	DAHLEN
		Wire Center Total	
	381607	DNCNDXA	DUNNCENTER
		Wire Center Total	
	381636	DNSTNDXC	DUNSEITH
		Wire Center Total	
	383303	DNYBNDXA	DONNYBROCK
		Wire Center Total	
	381607	DODGNDXA	DODGE
		Wire Center Total	

Confidential Exhibit 389015ND112 - 2018
North Dakota Service Improvement Plan 2019 Projection

FA CODE	ILEC Study Area (list every study area)	Wire Center CLLI (list every wire center)	Wire Center Name
	381447	DRAKNDXA	DRAKE
		Wire Center Total	
	383303	DRNGNDXA	DEERING
		Wire Center Total	
	381447	DVKNNDXA	DEVILS LAKE
		Wire Center Total	
	381630	DYTNNDXA	DRAYTON
		Wire Center Total	
	381630	EDBGNDXA	EDINBURG
		Wire Center Total	
	381610	EDMNNDXA	EDMUNDS
		Wire Center Total	
	381614	EDMRNDXA	EDMORE
		Wire Center Total	
	381611	ELDNNDXA	ELLENDALE
		Wire Center Total	
	381611	ELDNNDXA	ELLENDALE
		Wire Center Total	
	381611	ELDNNDXA	ELLENDALE
		Wire Center Total	
	381611	ELDNNDXA	ELLENDALE
		Wire Center Total	
	381611	ELDNNDXA	ELLENDALE
		Wire Center Total	
	381637	ELGNNDXA	ELGIN
		Wire Center Total	
	381637	ELGNNDXA	ELGIN
		Wire Center Total	
	381632	EMMTNDXA	EMMET
		Wire Center Total	
	381625	EPNGNDXA	EPPING
		Wire Center Total	
	381447	ESMDNDXA	ESMOND
		Wire Center Total	
	381630	FADLNDXA	FAIRDALE
		Wire Center Total	
	381631	FAMTNDXC	FAIRMOUNT
		Wire Center Total	
	385144	FARGNDBC	FARGO
		Wire Center Total	
	385144	FARGNDBC	FARGO
		Wire Center Total	
	385144	FARGNDBC	FARGO
		Wire Center Total	
	385144	FARGNDBC	FARGO
		Wire Center Total	
	385144	FARGNDBC	FARGO
		Wire Center Total	
	385144	FARGNDBC	FARGO
		Wire Center Total	
	381614	FDVLNDXA	FORDVILLE
		Wire Center Total	
	381637	FLSHNDXA	FLASHER
		Wire Center Total	
	381625	FLXTNDXA	FLAXTON
		Wire Center Total	
	381615	FNLYNDXA	FINLEY
		Wire Center Total	
	381447	FSNDNDXA	FESSENDEN
		Wire Center Total	
	381447	FTTNNDXA	FORT TOTTEN
		Wire Center Total	
	381637	FTTNNDXA	FORT YATES
		Wire Center Total	

Confidential Exhibit 389015ND112 - 2018
North Dakota Service Improvement Plan 2019 Projection

ILEC Study Area (list every study area)	Wire Center CLI (list every wire center)	Wire Center Name
	Wire Center Total	
381610	GKLNNDXA	GACKLE
	Wire Center Total	
385144	GDFRNDEC	GRAND FORKS
385144	GDFRNDEC	GRAND FORKS
385144	GDFRNDEC	GRAND FORKS
385144	GDFRNDEC	GRAND FORKS
385144	GDFRNDEC	GRAND FORKS
385144	GDFRNDEC	GRAND FORKS
	Wire Center Total	
381637	GRSGNDXA	GOODRICH
	Wire Center Total	
385144	GFABNDEC	EMERADO
	Wire Center Total	
385144	GFTNNDXA	GRAFTON
	Wire Center Total	
381630	GLBGNDXA	GALESBURG
383303	GLBNNDXA	GLENBURN
	Wire Center Total	
381614	GLBYNDXA	GILBY
	Wire Center Total	
381637	GLNLNDXA	GLEN ULLIN
381637	GLNLNDXA	GLEN ULLIN
	Wire Center Total	
381637	GLVYNDXA	GOLDEN VLY
	Wire Center Total	
381607	GRBTNDXA	GRASSY BTE
	Wire Center Total	
381610	GRCYNDXA	GRACE CITY
	Wire Center Total	
381625	GRENNDXA	GRENORA
	Wire Center Total	
385144	GRNRNDEC	GARDNER
	Wire Center Total	
381632	GRSNDXA	GARRISON
	Wire Center Total	
381631	GRTBNDXA	GREAT BEND
	Wire Center Total	
381637	HAZNDXA	WASHBURN
381637	HAZNDXA	WASHBURN
	Wire Center Total	
381637	HBRNNDXA	HEBRON
381637	HBRNNDXA	HEBRON
	Wire Center Total	
381631	HKSNNDXA	HANKINSON
	Wire Center Total	
385144	HLBONDEC	HILLSBORO
	Wire Center Total	
381607	HLDYNDXA	HALLIDAY
	Wire Center Total	
381401	HLSTRNXP	W HALSTAD
	Wire Center Total	
381616	HAFNDXA	HANNAFORD
	Wire Center Total	
381630	HATRNDXA	HUNTER
	Wire Center Total	
381616	HOPENDXA	HOPE
	Wire Center Total	



Confidential Exhibit 389015ND112 - 2018
 North Dakota Service Improvement Plan 2019 Projection

FA CODE	ILEC Study Area (list every study area)	Wire Center CLLI (list every wire center)	Wire Center Name
	381630	HPLENDXA	HOOPLE
		Wire Center Total	
		HRVYNDXA	
		Wire Center Total	
	381607	HTNGNDXA	HETTINGER
		Wire Center Total	
	385144	HITNNDBC	HATTON
		Wire Center Total	
	381630	INKSNDXA	INKSTER
		Wire Center Total	
	385144	JMTWNBBC	JAMES TOWN
	385144	JMTWNBBC	JAMES TOWN
	385144	JMTWNBBC	JAMES TOWN
		Wire Center Total	
	381632	KEENNDXA	KEENE
		Wire Center Total	
	381607	KLDPNDXA	KILLDEER
		Wire Center Total	
	385144	KNDRNDBC	KINDRED
		Wire Center Total	
	381632	KMRNDXA	KENMARE
		Wire Center Total	
	381447	KNOXNDXA	KNOX
		Wire Center Total	
	383303	KRLSNDXA	KARLSRUHE
		Wire Center Total	
	381636	KRMNDXA	KRAMER
		Wire Center Total	
	381607	LADDNDXA	LADD
		Wire Center Total	
	381614	LAKTNDXA	LAKOTA
		Wire Center Total	
	381447	LEDSNDXA	LEEDS
		Wire Center Total	
	381625	LGNTNDXA	LIGNITE
		Wire Center Total	
	381631	LGWMDNXA	LIDGERWOOD
		Wire Center Total	
	383303	LNDANDXA	LANDA
		Wire Center Total	
	383303	LNRNDXA	LANSFORD
		Wire Center Total	
	381636	LANGNDXA	LANGDON
	381636	LANGNDXA	LANGDON
		Wire Center Total	
	381630	LNRNNDXA	LANKIN
		Wire Center Total	
	385144	LNRDNDMW	LEONARD
		Wire Center Total	
	381604	LNTNNDXA	LINTON
	381604	LNTNNDXA	LINTON
	381604	LNTNNDXA	LINTON
	381604	LNTNNDXA	LINTON
		Wire Center Total	
	385144	KWRNDXA	LARIMORE
		Wire Center Total	
	385144	MANVNBBC	MANVEL
		Wire Center Total	
	383303	MARTNDXA	MARTIN
		Wire Center Total	

Confidential Exhibit 389015ND112 - 2018
North Dakota Service Improvement Plan 2019 Projection

FA CODE	ILEC Study Area (list every study area)	Wire Center CLL (list every wire center)	Wire Center Name
	381632	MAX NDXA	MAX.ND
		Wire Center Total	
	381637	MCCLUSKY	MCCLUSKY
		Wire Center Total	
	381630	MICHIGAN	MICHIGAN
		Wire Center Total	
	381625	MCGREGOR	MCGREGOR
		Wire Center Total	
	381615	MCHENRY	MCHENRY
		Wire Center Total	
	381637	NOMCLAGHLI	NOMCLAGHLI
		Wire Center Total	
	381447	MCVILLE	MCVILLE
		Wire Center Total	
	381447	MADDOCK	MADDOCK
		Wire Center Total	
	381610	MEDINA	MEDINA
		Wire Center Total	
	381617	MEDORA	MEDORA
		Wire Center Total	
	383303	MOHALL	MOHALL
		Wire Center Total	
	385144	MINTO	MINTO
		Wire Center Total	
	381632	MAKOTI	MAKOTI
		Wire Center Total	
	381636	MILTON	MILTON
		Wire Center Total	
	383303	MINOT AFB	MINOT AFB
		Wire Center Total	
	381636	MUNICH	MUNICH
		Wire Center Total	
	385144	BISMARCK-MANDAN	BISMARCK-MANDAN
		Wire Center Total	
	385144	BISMARCK-MANDAN	BISMARCK-MANDAN
		Wire Center Total	
	381632	MANDAREE	MANDAREE
		Wire Center Total	
	381604	MENOKEN	MENOKEN
		Wire Center Total	
	381604	MENOKEN	MENOKEN
		Wire Center Total	
	381604	MENOKEN	MENOKEN
		Wire Center Total	
	381604	MENOKEN	MENOKEN
		Wire Center Total	
	381607	MANNING	MANNING
		Wire Center Total	
	383303	MINOT	MINOT
		Wire Center Total	
	383303	MINOT	MINOT
		Wire Center Total	
	383303	MINOT	MINOT
		Wire Center Total	
	383303	MINOT	MINOT
		Wire Center Total	
	383303	MINOT	MINOT
		Wire Center Total	
	381447	MINNEVAUKAN	MINNEVAUKAN
		Wire Center Total	
	381637	MERCER	MERCER
		Wire Center Total	
	381625	MARMON	MARMON
		Wire Center Total	
	381631	MOORETON	MOORETON
		Wire Center Total	

Confidential Exhibit 389015ND112 - 2018
North Dakota Service Improvement Plan 2019 Projection

ILEC Study Area (list every study area)	Wire Center CLLI (list every wire center)	Wire Center Name
	Wire Center Total	
383303	MTGSSNDXA	METIGOSHE
	Wire Center Total	
383303	MXBSNDXA	MAXBASS
385144	MYVLNDEC	MAYVILLE
	Wire Center Total	
381630	NCHENDXA	NECHE
	Wire Center Total	
381630	NEKNDXA	NEKOMA
	Wire Center Total	
381607	NELNDXA	NEW ENGLAND
381607	NELNDXA	NEW ENGLAND
	Wire Center Total	
381630	NGRANDXA	NIAGARA
	Wire Center Total	
381401	NVLNNDXA	W NIELSVL
	Wire Center Total	
381616	NOME NDXA	NOME
	Wire Center Total	
381625	NONANDXA	NOONAN
	Wire Center Total	
381632	NORMNDXA	NORMA
	Wire Center Total	
383303	NVBGNDXA	NEWBURG
	Wire Center Total	
385144	NWODNDBC	NORTHWOOD
	Wire Center Total	
381447	NWRKNDXA	NEW ROCKFORD
	Wire Center Total	
381637	NWSLNDXA	NEW SALEM
381637	NWSLNDXA	NEW SALEM
	Wire Center Total	
381632	NWTWNDXA	NEW TOWN
	Wire Center Total	
381632	NWTWNDXA	NEW TOWN
	Wire Center Total	
381616	PAGENDXA	PAGE
	Wire Center Total	
381447	PEKNDXA	PEKIN
	Wire Center Total	
381447	PENNDXA	PENN
	Wire Center Total	
381637	PKYNDXA	PICK CITY
	Wire Center Total	
381630	PKRVND01	PARK RIVER
381630	PKRVND01	PARK RIVER
	Wire Center Total	
381632	PLAZNDXA	PLAZA
	Wire Center Total	
381614	PMBNNDXC	PEMBINA
	Wire Center Total	
381632	PRSHNDXA	PARSHALL
	Wire Center Total	
381617	PRTLNDXA	PORTAL
	Wire Center Total	
381630	PTBGNDXA	PETERSBURG
	Wire Center Total	
381625	RAV LKNDXA	POWERSLAKE
	Wire Center Total	
381625	RAY NDXA	RAY

Confidential Exhibit 389015ND112 - 2018
North Dakota Service Improvement Plan 2019 Projection

FA CODE	ILEC Study Area (list every study area)	Wire Center CLI (list every wire center)	Wire Center Name
	381604	IRGSNDXA	ROBINSON
	381607	IRCHNDXA	RICHARDTON
	381636	IRCLKNDXA	ROCK LAKE
	381607	IRDRNDXA	REEDER
	381625	IRPRNDXA	ROUNDPRARI
	381447	IRBYNDXA	RUGBY
	381607	IRNTNDXA	REGENT
	381607	IRHENDXA	RHAME
	381636	IRLENDXA	ROLETTE
	381636	IRLLNDBC	ROLLA
	381636	IRLLNDBC	ROLLA
	381632	ROSSNDXA	ROSS
	381632	RSGLNDXA	ROSEGLEEN
	381632	RYDRNDXA	RYDER
	385144	RYNLNDBC	REYNOLDS
	381607	SCTNNDXA	SCRANTON
	381401	SHLYMNXS	WESTSHELLY
	381607	SHRTNDXA	SOUTHHEART
	383303	SHMDNDXA	SHERWOOD
	381447	SHYNDXA	SHEYENNE
	381637	SLRGNDXA	SELFREDGE
	381616	SNBRNDXA	SANBORN
	381637	ISNTNDXA	STANTON
	381636	SORSNDXA	SOURIS
	381632	SPNCNDXA	SPENCER
	383303	SPRRNDXA	SOUTH PRAIRIE
	381632	SGPNDXA	SQUAW GAP
	381636	SRLSNDXA	SARLES
	381637	STANNDXB	ST ANTHONY
	381604	STELNDXA	STEELE
	381604	STELNDXA	STEELE



Confidential Exhibit 389015ND112 - 2018
 North Dakota Service Improvement Plan 2019 Projection

FA CODE	ILEC Study Area (list every study area)	Wire Center CLLI (list every wire center)	Wire Center Name
	381617	STNLNDXA	STANLEY
	381447	STRKNDXA	STARWEATHER
	381630	STIMNDXA	ST THOMAS
	383303	SWTRNDXA	SAWYER
	385144	THSRNDXC	THOMPSON
	381625	TICGNDXA	TIOGA
	381625	TIOGNDXA	TIOGA
	381447	TOLANDXA	TOLNA
	383303	TOLYNDXA	TOLLEY
	381637	TRKNDXA	TURTLELAKE
	381616	TWCYNDXA	TOWER CITY
	383303	TWNRNDXA	TOWNER
	381637	UNWDNDXA	RIVERDALE
	383303	UPHMNDXA	UPHAM
	385144	VLCYNDXC	VALLEY CITY
	385144	VLCYNDXC	VALLEY CITY
	383303	VLVANDXA	VELVA
	381611	VNTRNDXA	VENTURIA
	381636	WALSNDXA	WALES
	381447	WBSTNDXA	WEBSTER
	381610	WDWONDXA	WOODWORTH
	385144	WFRGNDXC	FARGO
	385144	WFRGNDXC	FARGO
	385144	WFRGNDXC	FARGO
	385144	WFRGNDXC	FARGO
	385144	WFRGNDXC	FARGO
	385144	WFRGNDXC	FARGO
	385144	WFRGNDXC	FARGO
	383303	WHCPNDXA	WESTHOPE
	385144	WHFNNDXC	WAHPETON
	385144	WHFNNDXC	WAHPETON
	381508	WLCYNDXA	WALCOTT
	381636	WLCYNDXA	WILLOW CITY

Confidential Exhibit 389015ND112 - 2018
 North Dakota Service Improvement Plan 2020 Projection

FA CODE	ILEC Study Area (list every study area)	Wire Center CLI (list every wire center)	Wire Center Name
	381631	ABRCNDXA	ABERGROMBI
		Wire Center Total	
	381614	ADMSNDXA	ADAMS
		Wire Center Total	
	381625	ALAMNDXA	ALAMO
		Wire Center Total	
	381616	ALICNDXA	ALICE
		Wire Center Total	
	381632	ALXNDXA	ALEXANDER
		Wire Center Total	
	381607	AMDNNDXA	AMIDON
		Wire Center Total	
	381630	ANTANDXA	ANETA
		Wire Center Total	
	383303	ANTLNDXA	ANTLER
		Wire Center Total	
	381632	ARNSNDXA	ARNEGARD
		Wire Center Total	
	381630	ARTHNDXA	ARTHUR
		Wire Center Total	
	381611	ASHYNDXA	ASHLEY
		Wire Center Total	
	381447	BALTNDXA	BALTA
		Wire Center Total	
	381638	BECHNDXA	BEACH
		Wire Center Total	
	381638	BECHNDXA	BEACH
		Wire Center Total	
	381637	BELHNDXA	BEULAH
		Wire Center Total	
	381616	BFLONDXA	BUFFALO
		Wire Center Total	
	381634	BISBNDXA	BISBEE
		Wire Center Total	
	385144	BLFNDDBC	BELFIELD
		Wire Center Total	
	385144	BLFNDDBC	BELFIELD
		Wire Center Total	
	381615	BNFRNDXA	BINFORD
		Wire Center Total	
	381630	BROKNDXA	BROCKET
		Wire Center Total	
	383303	BRTHNDXA	BERTHOLD
		Wire Center Total	
	385144	BSMRNDBC	BISMARCK-MANDAN
		Wire Center Total	
	385144	BSMRNDBC	BISMARCK-MANDAN
		Wire Center Total	
	385144	BSMRNDBC	BISMARCK-MANDAN
		Wire Center Total	
	385144	BSMRNDBC	BISMARCK-MANDAN
		Wire Center Total	
	385144	BSMRNDBC	BISMARCK-MANDAN
		Wire Center Total	
	385144	BSMRNDBC	BISMARCK-MANDAN
		Wire Center Total	
	385144	BSMRNDBC	BISMARCK-MANDAN
		Wire Center Total	
	381636	BTUNNDXA	BOTTINEAU
		Wire Center Total	
	381636	BTUNNDXA	BOTTINEAU
		Wire Center Total	

Confidential Exhibit 389015ND112 - 2018
 North Dakota Service Improvement Plan 2020 Projection

FA.CODE	ILEC Study Area (list every study area)	Wire Center CLI (list every wire center)	Wire Center Name
	383303	BUTTNDXA	BUTTE
		Wire Center Total	
	381625	BWBLNDXA	BOWBELLS
		Wire Center Total	
	381607	BWNNNDXA	BOWMAN
		Wire Center Total	
	381447	CANDNDXA	CANDO
		Wire Center Total	
	381610	CSTNDXA	CARRINGTON
	381610	CSTNDXA	CARRINGTON
	381610	CSTNDXA	CARRINGTON
	381610	CSTNDXA	CARRINGTON
		Wire Center Total	
	381631	CLFXNDXA	COLFAX
		Wire Center Total	
	381625	CLMBNDXA	COLUMBUS
		Wire Center Total	
	361401	CLMXMXC	WESTCLIMAX
		Wire Center Total	
	381637	CNTRNDXA	CENTER
		Wire Center Total	
	381615	CPTMNDXA	COOPERSTN
	381615	CPTMNDXA	COOPERSTN
		Wire Center Total	
	383303	CRPNDXA	CARPIO
		Wire Center Total	
	381447	CRRYNDXA	CRARY
		Wire Center Total	
	381625	CRSBNDXA	CROSSBY
		Wire Center Total	
	381637	CRSNNDXA	CARSON
		Wire Center Total	
	381630	CRYSNDXA	CRYSTAL
		Wire Center Total	
	385144	CSLTNDXC	CASSELTON
		Wire Center Total	
	381630	CVLRNDXA	CAVALIER
		Wire Center Total	
	381616	DAZYNDXA	DAZEY
		Wire Center Total	
	381607	DCSNNDAS	DICKINSON
		Wire Center Total	
	385144	DCSNNDXC	DICKINSON
	385144	DCSNNDXC	DICKINSON
	385144	DCSNNDXC	DICKINSON
		Wire Center Total	
	383303	DELCNDXA	DES LACS
		Wire Center Total	
	381632	DGLSNDXA	DOUGLAS
		Wire Center Total	
	381630	DHLNDXA	DAHLEN
		Wire Center Total	
	381607	DNCNDXA	DUNCENTER
		Wire Center Total	
	381638	DNSNDXC	DUNSEITH
		Wire Center Total	
	383303	DNYNDXA	DONNYBROOK
		Wire Center Total	
	381607	DODSNDXA	DODGE
		Wire Center Total	

Confidential Exhibit 389015ND112 - 2018
 North Dakota Service Improvement Plan 2020 Projection

ILEC Study Area (list every study area)	Wire Center CLLI (list every wire center)	Wire Center Name
	381610 GCKLNDXA	GACKLE
	Wire Center Total	
	385144 GDFRNDXB	GRAND FORKS
	385144 GDFRNDXB	GRAND FORKS
	385144 GDFRNDXB	GRAND FORKS
	385144 GDFRNDXB	GRAND FORKS
	385144 GDFRNDXB	GRAND FORKS
	385144 GDFRNDXB	GRAND FORKS
	385144 GDFRNDXB	GRAND FORKS
	Wire Center Total	
	381637 GDRKNDXA	GOODRICH
	Wire Center Total	
	385144 GFABNDXB	EMERADO
	Wire Center Total	
	385144 GFTINDXA	GRAFTON
	Wire Center Total	
	381636 GLEBNDXA	GALESBURG
	Wire Center Total	
	383303 GLEBNDXA	GLENBURN
	Wire Center Total	
	381614 GLEYNDA	GILBY
	Wire Center Total	
	381637 GLENLNDXA	GLEN ULLIN
	381637 GLENLNDXA	GLEN ULLIN
	Wire Center Total	
	381637 GLEYNDA	GOLDEN VLY
	Wire Center Total	
	381607 GRETNDA	GRASSY BTE
	Wire Center Total	
	381610 GRCYNDXA	GRACE CITY
	Wire Center Total	
	381625 GRENNDA	GRENORA
	Wire Center Total	
	385144 GRNRNDXB	GARDNER
	Wire Center Total	
	381632 GRSNDXA	GARRISON
	Wire Center Total	
	381631 GRTBNDXA	GREAT BEND
	Wire Center Total	
	381637 HAZNDXA	WASHBURN
	381637 HAZNDXA	WASHBURN
	Wire Center Total	
	381637 HBRNDXA	HEBRON
	381637 HBRNDXA	HEBRON
	Wire Center Total	
	381631 HKSNDXA	HANKINSON
	Wire Center Total	
	385144 HLBNDXB	HILLSBORO
	Wire Center Total	
	381607 HLDYNDXA	HALLIDAY
	Wire Center Total	
	381401 HLTMINXH	W HALSTAD
	Wire Center Total	
	381616 HNFNDXA	HANNAFORD
	Wire Center Total	
	381630 HNRNDXA	HUNTER
	Wire Center Total	
	381616 HOPENDXA	HOPE
	Wire Center Total	

Confidential Exhibit 389015ND112 - 2018
 North Dakota Service Improvement Plan 2020 Projection

FA CODE	ILEC Study Area (list every study area)	Wire Center CLI (list every wire center)	Wire Center Name
	381630	HPLENDXA	HOOPLE
		Wire Center Total	
		HRVYNDXA	
		Wire Center Total	
	381607	HTNGNDXA	HETTINGER
		Wire Center Total	
	385144	HTTNDNDC	HATTON
		Wire Center Total	
	381630	INKSNDXA	INKSTER
		Wire Center Total	
	385144	JMTVND8C	JAMESTOWN
	385144	JMTVND8C	JAMESTOWN
	385144	JMTVND8C	JAMESTOWN
		Wire Center Total	
	381632	KEENNDXA	KEENE
		Wire Center Total	
	381607	KLDNRDXA	KILLDEER
		Wire Center Total	
	385144	KND8NDC	KINDRED
		Wire Center Total	
	381632	KAMRNDXA	KENMARE
		Wire Center Total	
	381447	KNOXNDXA	KNOX
		Wire Center Total	
	383303	KRLSNDXA	KARLSRUHE
		Wire Center Total	
	381636	KRMNRDXA	KRAMER
		Wire Center Total	
	381607	LADDNDXA	LADD
		Wire Center Total	
	381614	LAKTNDXA	LAKOTA
		Wire Center Total	
	381447	LEDSNDXA	LEEDS
		Wire Center Total	
	381625	LGNTNDXA	LIGNITE
		Wire Center Total	
	381631	LGWDNDXA	LIDGERWOOD
		Wire Center Total	
	383303	LNDANDXA	LANDA
		Wire Center Total	
	383303	LNFRNDXA	LANSFORD
		Wire Center Total	
	381636	LANGNDXA	LANGDON
	381636	LANGNDXA	LANGDON
		Wire Center Total	
	381630	LNKNNDXA	LANKIN
		Wire Center Total	
	385144	LNRRNDMW	LEONARD
		Wire Center Total	
	381604	LNTNNDXA	LINTON
	381604	LNTNNDXA	LINTON
	381604	LNTNNDXA	LINTON
	381604	LNTNNDXA	LINTON
		Wire Center Total	
	385144	LRMRND8A	LARIMORE
		Wire Center Total	
	385144	MANVND8C	MANVEL
		Wire Center Total	
	383303	MARTNDXA	MARTIN
		Wire Center Total	

Confidential Exhibit 389015ND112 - 2018
 North Dakota Service Improvement Plan 2020 Projection

ILEC Study Area (list every study area)	Wire Center CLLI (list every wire center)	Wire Center Name
381632	MAX NDXA	MAX ND
381637	Wire Center Total	
381637	MCCSNDXA	MCCLUSKY
381639	Wire Center Total	
381639	MCIGNDXA	MICHIGAN
381622	Wire Center Total	
381622	MCGRNDXA	MCGREGOR
381615	Wire Center Total	
381615	MCHNDXA	MCHEMRY
381637	Wire Center Total	
381637	MCLGSDXA	MCCLAGHLI
381447	Wire Center Total	
381447	MCVNDXA	MCVILLE
381447	Wire Center Total	
381447	MDCNDXA	MADDOCK
381610	Wire Center Total	
381610	MEDNDXA	MEDINA
381617	Wire Center Total	
381617	MEDRNDXA	MEDORA
383303	Wire Center Total	
383303	MHLNDXA	MOHALL
385144	Wire Center Total	
385144	MINTNDXA	MINTO
381632	Wire Center Total	
381632	MKTNDXA	MAKOTI
381636	Wire Center Total	
381636	MILTNDXA	MILTON
383303	Wire Center Total	
383303	MNAABNDXA	MINOT AFB
381636	Wire Center Total	
381636	MNCHNDXA	MUNICH
385144	Wire Center Total	
385144	MNDNDXA	BISMARCK-MANDAN
385144	Wire Center Total	
385144	MNDNDXA	BISMARCK-MANDAN
381632	Wire Center Total	
381632	MNDRNDXA	MANDAREE
381604	Wire Center Total	
381604	MNKNNDAB	MENOKEN
381604	Wire Center Total	
381604	MNKNNDAB	MENOKEN
381604	Wire Center Total	
381604	MNKNNDAB	MENOKEN
381607	Wire Center Total	
381607	MNNGNDXA	MANNING
385303	Wire Center Total	
385303	MNNDNDXA	MINOT
385303	Wire Center Total	
385303	MNNDNDXA	MINOT
385303	Wire Center Total	
385303	MNNDNDXA	MINOT
385303	Wire Center Total	
385303	MNNDNDXA	MINOT
385303	Wire Center Total	
385303	MNNDNDXA	MINOT
381447	Wire Center Total	
381447	MNRKNDXA	MINNEVAUKAN
381637	Wire Center Total	
381637	MRCRNDXA	MERCER
381625	Wire Center Total	
381625	MRLMNDXA	MARMON
381631	Wire Center Total	
381631	MRTNDXA	MOORETON

Confidential Exhibit 389015ND112 - 2018
 North Dakota Service Improvement Plan 2020 Projection

ILEC Study Area (list every study area)	Wire Center CLLI (list every wire center)	Wire Center Name
	Wire Center Total	
383303	MTGSSNDXA	METIGOSHE
	Wire Center Total	
383303	MXBSNDXA	MAXBASS
	Wire Center Total	
385144	MYVLNDEC	MAYVILLE
	Wire Center Total	
381630	NCHENDXA	NECHE
	Wire Center Total	
381630	NEKMNDA	NEKOMA
	Wire Center Total	
381607	NELNDXA	NEW ENGLAND
381607	NELNDXA	NEW ENGLAND
	Wire Center Total	
381630	NGRANDXA	NIAGARA
	Wire Center Total	
381401	NWLMNDA	W NIELSVL
	Wire Center Total	
381616	NOMEHNDXA	NOME
	Wire Center Total	
381625	NOHNDXA	NOONAN
	Wire Center Total	
381632	NORMNDXA	NORMA
	Wire Center Total	
383303	NWBGNDXA	NEWBURG
	Wire Center Total	
385144	NWODNDEC	NORTHWOOD
	Wire Center Total	
381447	NWRKNDXA	NEW ROCKFORD
	Wire Center Total	
381637	NWSLNDXA	NEW SALEM
381637	NWSLNDXA	NEW SALEM
	Wire Center Total	
381632	NWTWNDXA	NEW TOWN
381632	NWTWNDXA	NEW TOWN
	Wire Center Total	
381616	PAGEHNDXA	PAGE
	Wire Center Total	
381447	PEKNDXA	PEKIN
	Wire Center Total	
381447	PENNDXA	PENN
	Wire Center Total	
381637	PKCYNDXA	PICK CITY
	Wire Center Total	
381630	PKRVND01	PARK RIVER
381630	PKRVND01	PARK RIVER
	Wire Center Total	
381632	PLAZNDXA	PLAZA
	Wire Center Total	
381614	PMBNNDXC	PEMBINA
	Wire Center Total	
381632	PRSHNDXA	PARSHALL
	Wire Center Total	
381617	PRTLNDXA	PORTAL
	Wire Center Total	
381630	PTBGNDXA	PETERSBURG
	Wire Center Total	
381625	PWLNDXA	POWERSLAKE
	Wire Center Total	
381625	RAY NDXA	RAY

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 North Dakota Service Improvement Plan 2020 Projection

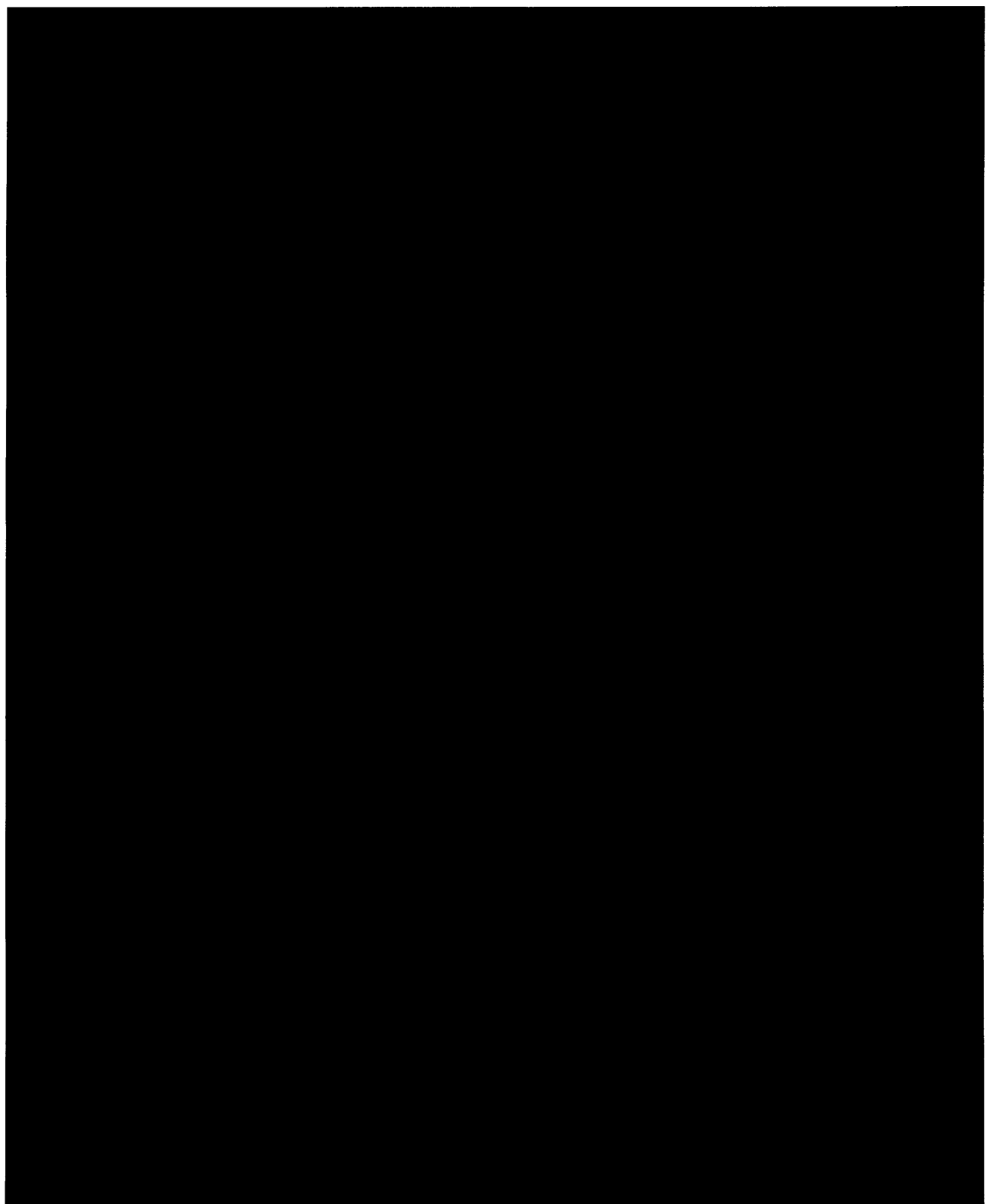
FA CODE	ILEC Study Area (list every study area)	Wire Center CLLI (list every wire center)	Wire Center Name
	381604	RBSNDX	ROBINSON
	381607	RCHNDX	RICHARDTON
	381636	RCLKNDX	ROCK LAKE
	381607	RDERNDX	REEDER
	381625	RDFRNDX	ROUNDPRARI
	381447	RGBYNDX	RUGBY
	381607	RGNTNDX	REGENT
	381607	RHIENDX	RHAME
	381636	RLTENDX	ROLETTE
	381636	ROLLNDBC	ROLLA
	381636	ROLLNDBC	ROLLA
	381632	ROSSNDX	ROSS
	381632	RSGLNDX	ROSEGLEN
	381632	RYDRNDX	RYDER
	385144	RYNLNDBC	REYNOLDS
	381607	SCTNNDX	SCRANTON
	381407	SHLYMNXS	WESTSHELLY
	381607	SHRTNDX	SOUTHHEART
	383303	SHWDNDX	SHERWOOD
	381447	SHYNDX	SHEYENNE
	381637	SLRGNDX	SELFRIIDGE
	381616	SNBRNDX	SANBORN
	381637	SNTNNDX	STANTON
	381636	SORSNDX	SOURIS
	381632	SPNCHNDX	SPENCER
	383303	SPRRNDX	SOUTH PRAIRIE
	381632	SCGPNDX	SQUAW GAP
	381636	SRLSNDX	SARLES
	381637	STATNDX	ST ANTHONY
	381604	STELNDX	STEELE
	381604	STELNDX	STEELE



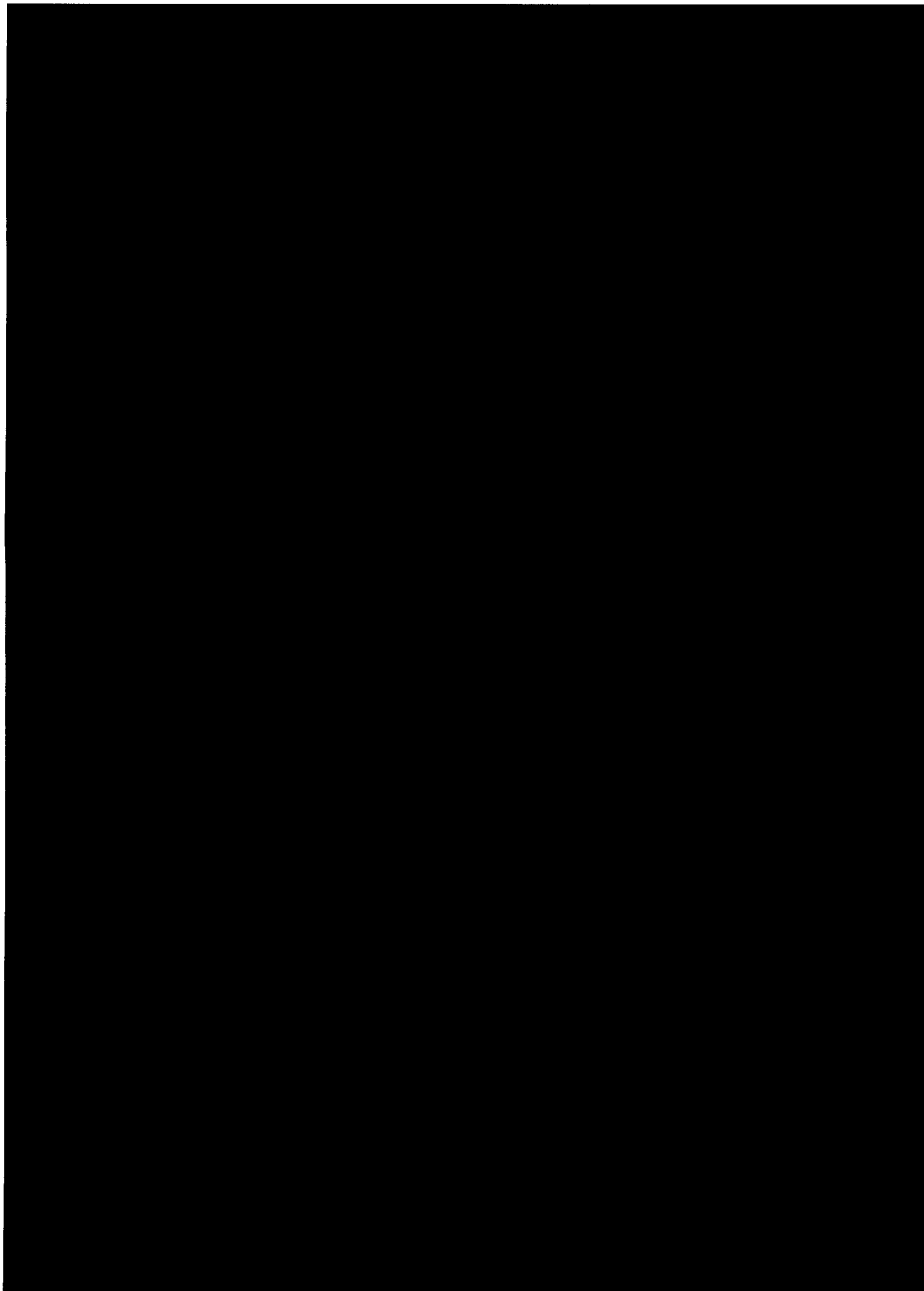
Confidential Exhibit 389015ND112 - 2018
 North Dakota Service Improvement Plan 2020 Projection

FA CODE	ILEC Study Area (list every study area)	Wire Center CLI (list every wire center)	Wire Center Name
	381617	STNLNDXA	STANLEY
		Wire Center Total	
	381447	STRKNDXA	STARKWEATHER
		Wire Center Total	
	381630	STTMNDXA	ST THOMAS
		Wire Center Total	
	383303	SWYRNDXA	SAWYER
		Wire Center Total	
	385144	THSNNDXC	THOMPSON
		Wire Center Total	
	381625	TIOGNDXA	TIOGA
		Wire Center Total	
	381625	TIOGNDXA	TIOGA
		Wire Center Total	
	381447	TOLVNDXA	TOLNA
		Wire Center Total	
	383303	TOLYNDXA	TOLLEY
		Wire Center Total	
	381637	TRLNNDXA	TURTLELAKE
		Wire Center Total	
	381616	TWCYNDXA	TOWER CITY
		Wire Center Total	
	383303	TWNRNDXA	TOWNER
		Wire Center Total	
	381637	UNWVNDXA	RIVERDALE
		Wire Center Total	
	383303	UPHMNDXA	UPHAM
		Wire Center Total	
	385144	VLCYNDBC	VALLEY CITY
		Wire Center Total	
	385144	VLCYNDBC	VALLEY CITY
		Wire Center Total	
	383303	VLVANDXA	VELVA
		Wire Center Total	
	381611	VNTRNDXA	VENTURIA
		Wire Center Total	
	381636	WALSNDXA	WALES
		Wire Center Total	
	381447	WBSTNDXA	WEBSTER
		Wire Center Total	
	381610	WDWVNDXA	WOODWORTH
		Wire Center Total	
	385144	WFRGNDBC	FARGO
		Wire Center Total	
	385144	WFRGNDBC	FARGO
		Wire Center Total	
	385144	WFRGNDBC	FARGO
		Wire Center Total	
	385144	WFRGNDBC	FARGO
		Wire Center Total	
	385144	WFRGNDBC	FARGO
		Wire Center Total	
	385144	WFRGNDBC	FARGO
		Wire Center Total	
	383303	WHOPNDXA	WESTHOPE
		Wire Center Total	
	385144	WHTRNDBC	WAPPETON
		Wire Center Total	
	385144	WHTRNDBC	WAPPETON
		Wire Center Total	
	381606	WLCYNDXA	WALCOTT
		Wire Center Total	
	381636	WLCYNDXA	WILLOW CITY
		Wire Center Total	

NORS Reference Number (if applicable)	Outage Start Date
ON-00004302	5/24/2018
ON-00005868	6/6/2018
ON-00006022	6/7/2018
ON-00006147	6/8/2018
ON-00007802	6/20/2018



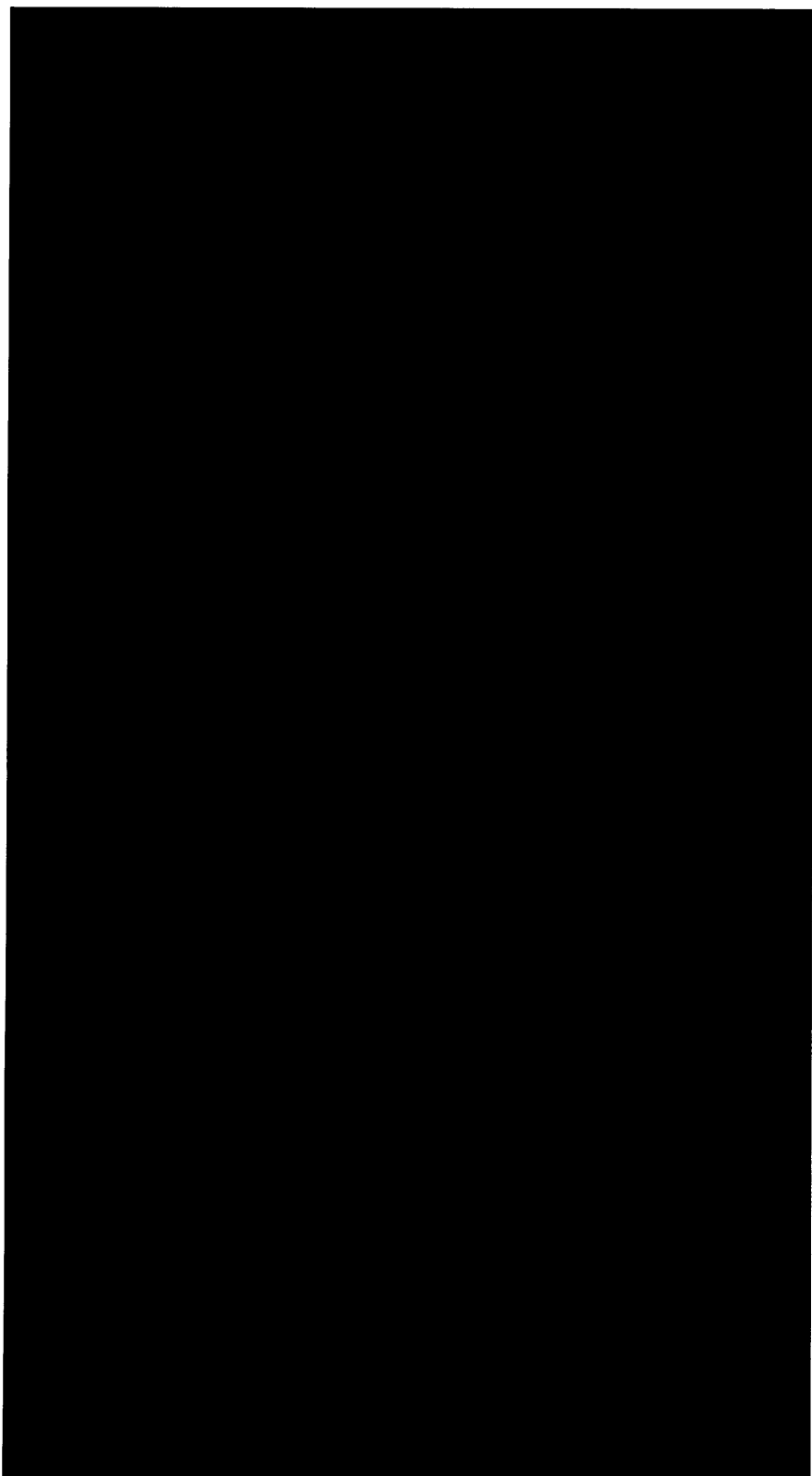
NORS Reference Number (if applicable)	Outage Start Date
ON-00010767	7/9/2018
ON-00015486	8/8/2018
ON-00017689	8/23/2018



NORS Reference Number (if applicable)	Outage Start Date
ON-00024226	10/11/2018
ON-00026237	10/24/2018
ON-00027183	10/31/2018
ON-00030597	11/26/2018



NORS Reference Number (if applicable)	Outage Start Date
ON-00031170	11/30/2018
ON-00034358	12/27/2018



Subscribed and sworn to before
me this 23 day of July, 2019.

Michel A. Coccia II Notary Public

