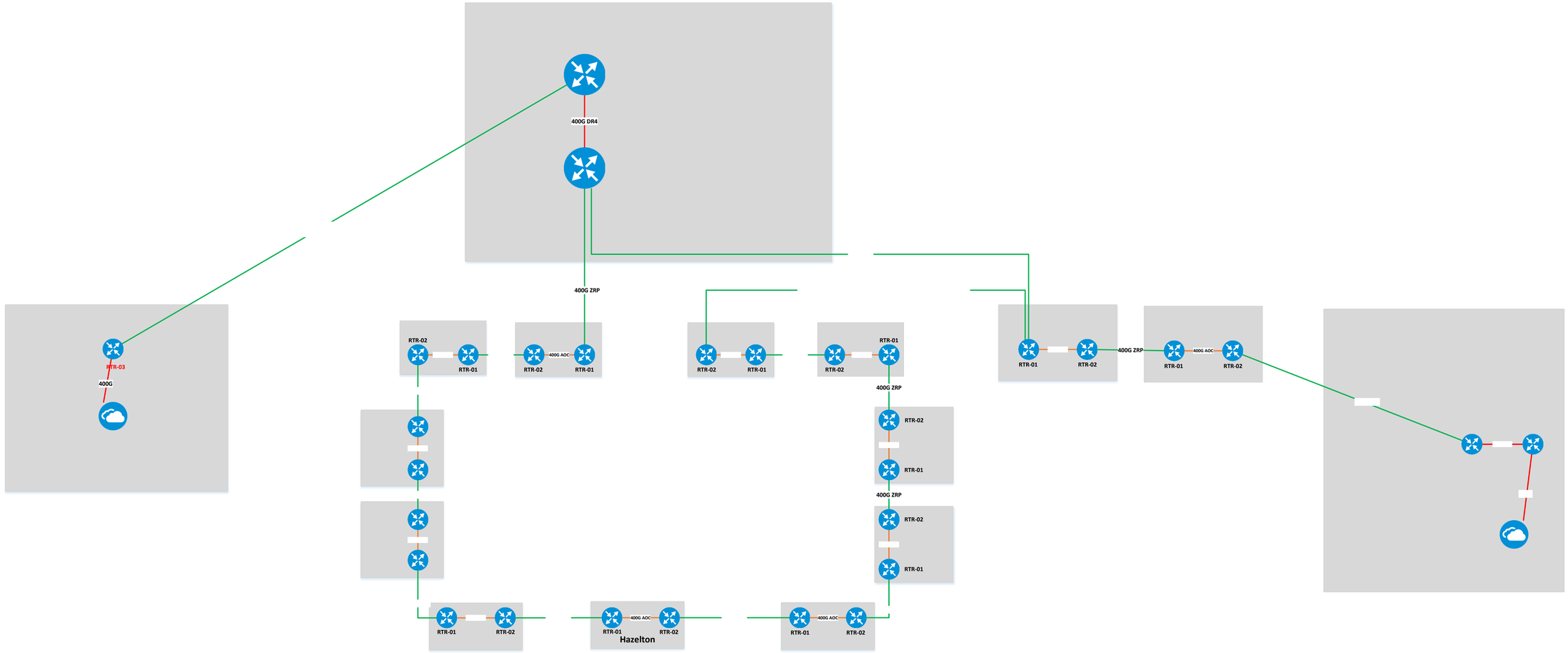
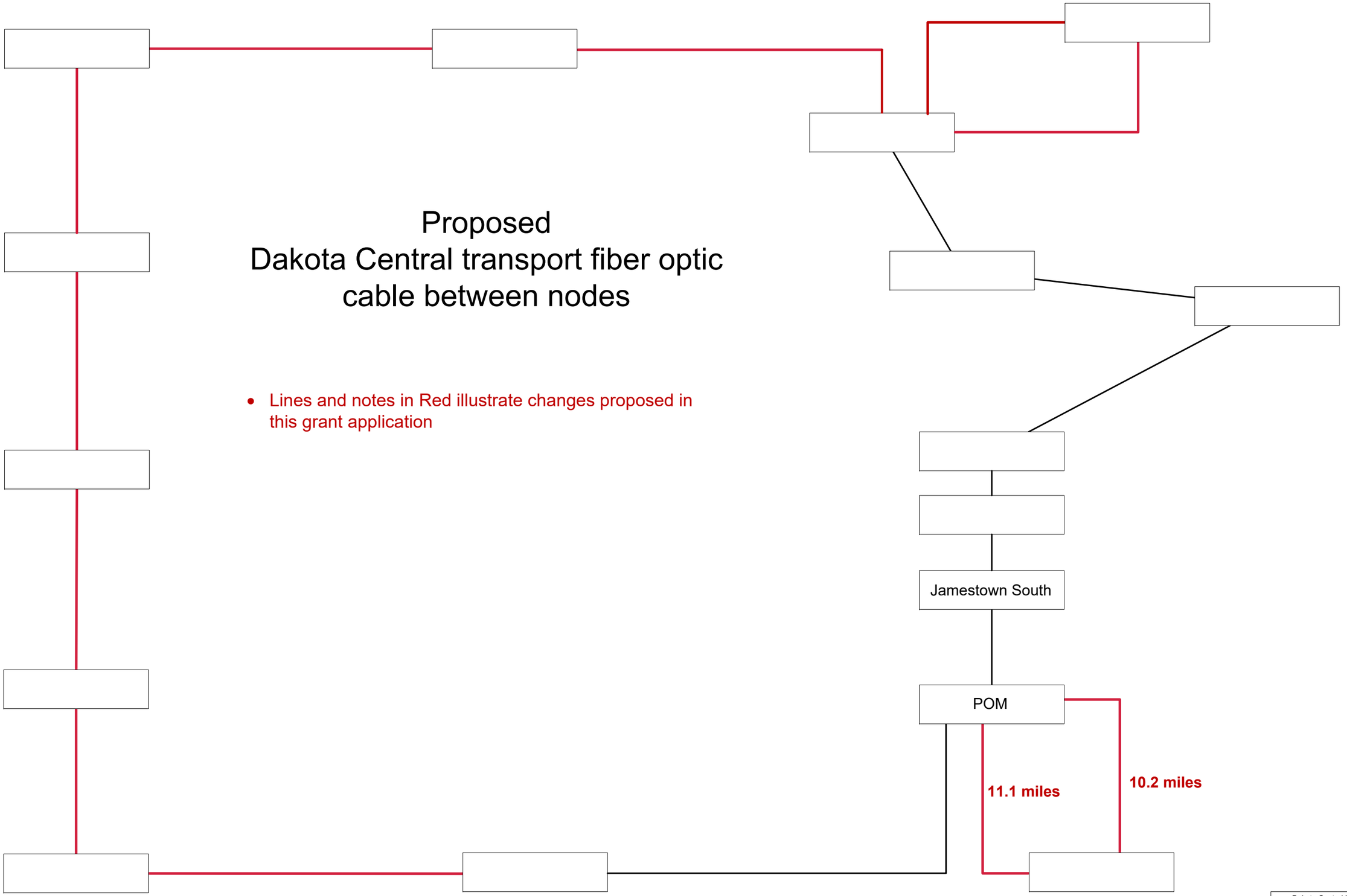
BEK Middle Mile Network

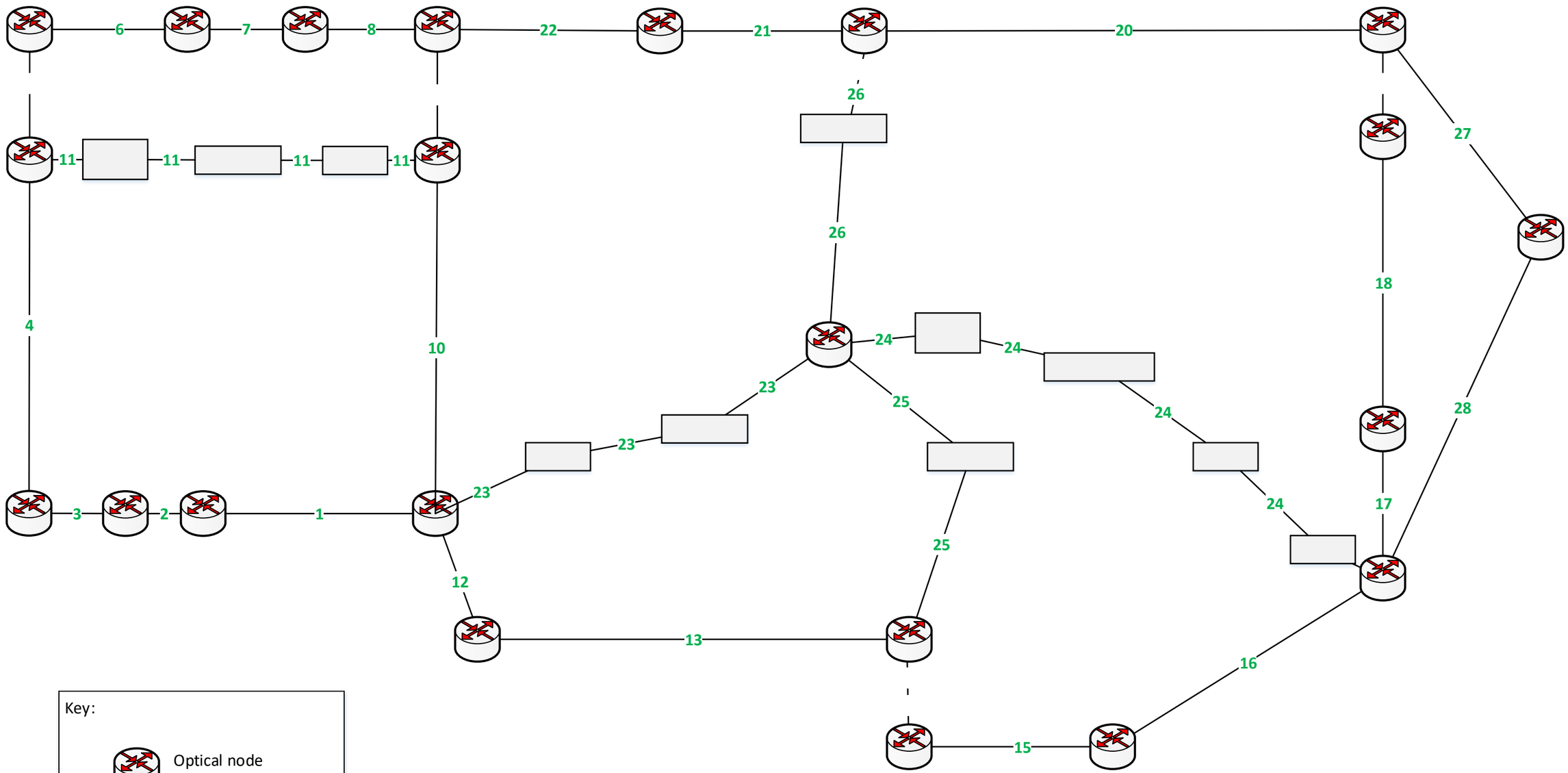




Dakota Central Network
Proposed

9-19-22

DCN Middle Mile Network



Key:

Optical node
Node number
N-NODE NODE NAME

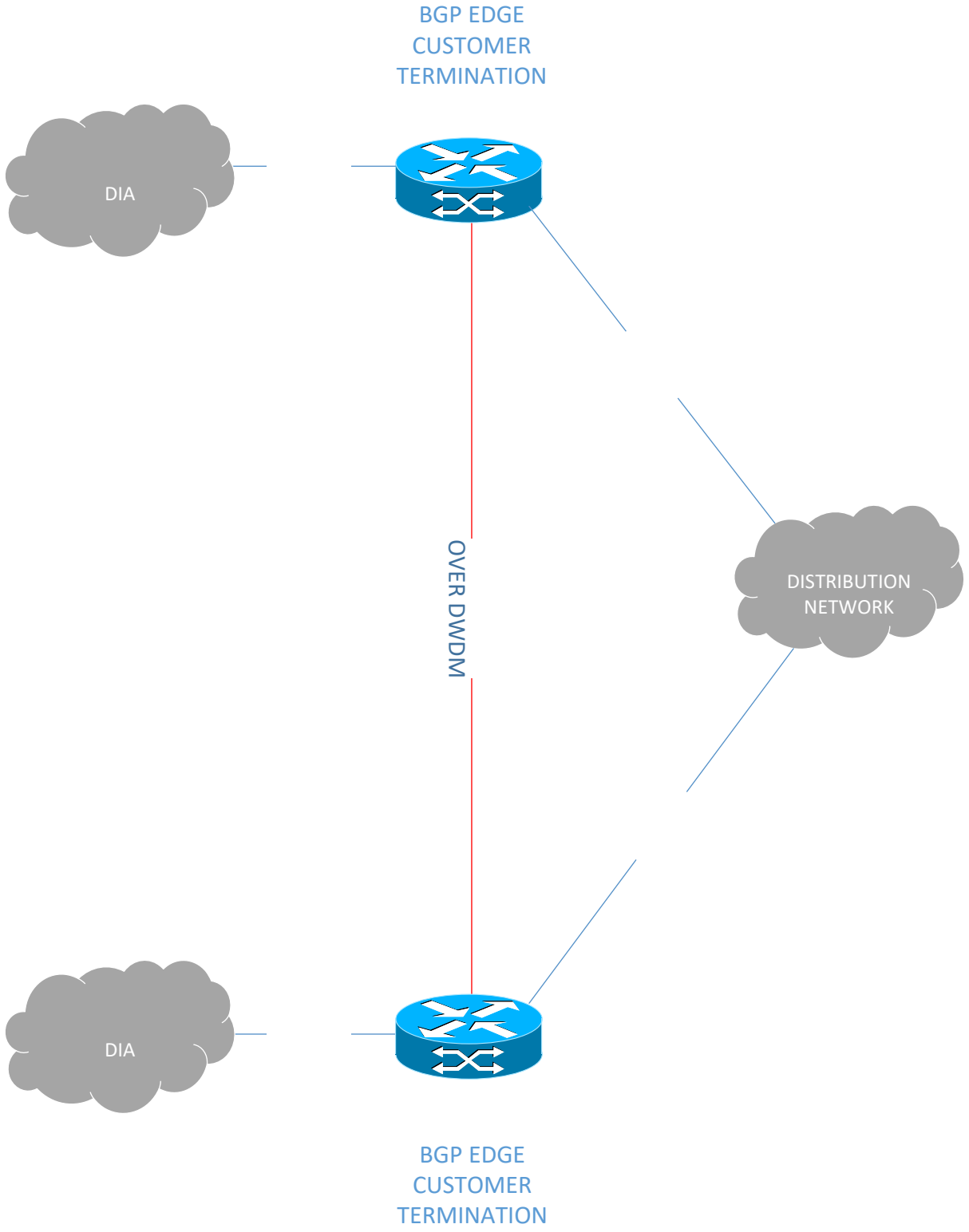
—13— **Segment number**

Location — Regen (repeater) at location

DCN Dakota Carrier NETWORK

TITLE: DCN OPTICAL (LAYER 1) BACKBONE - NEW	
LAST REVISED: 09/09/22	

Griggs Existing Core Network

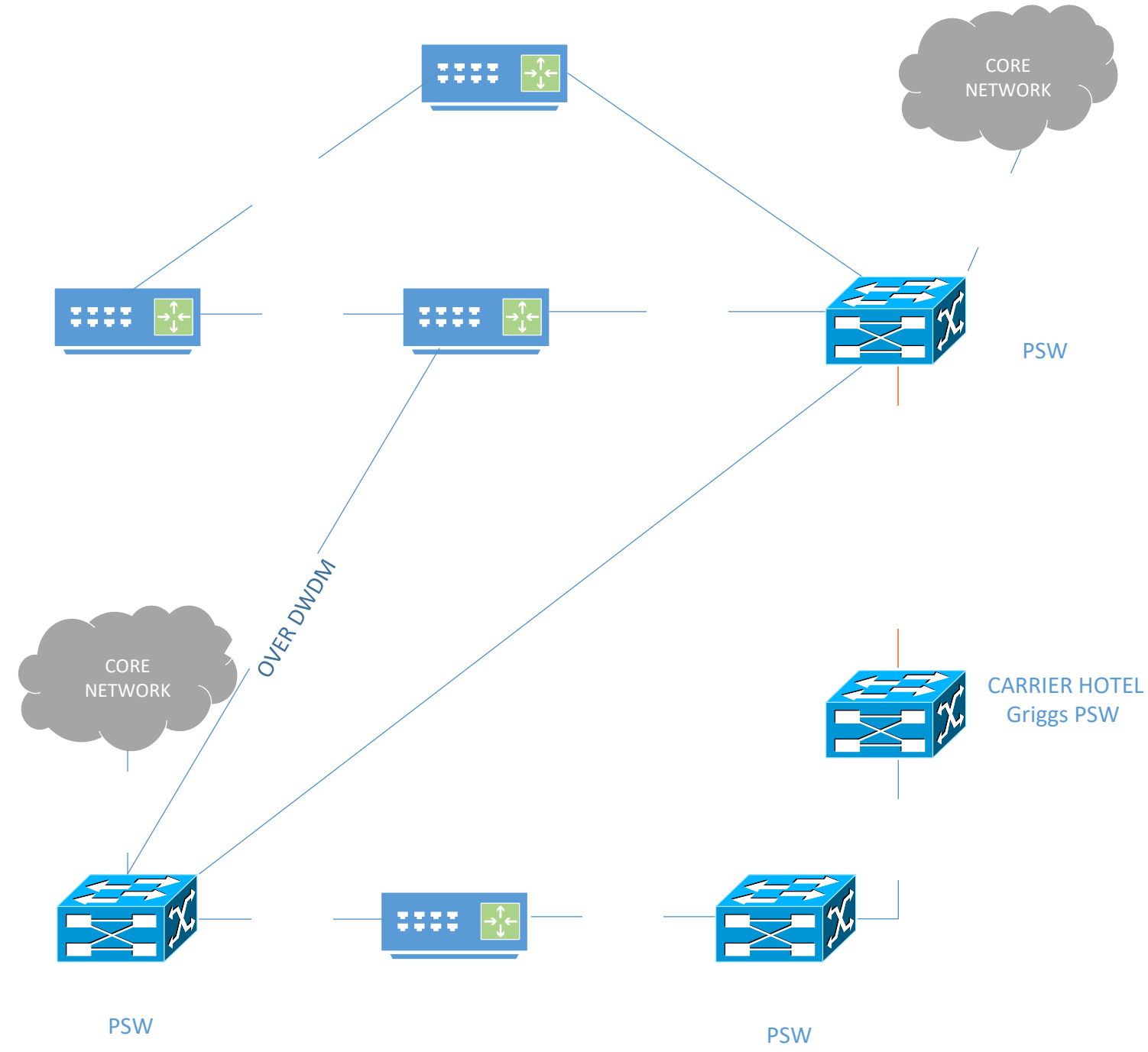


Griggs OWNED

LEASED FACILITIES

MLGC
INTERNET • TV • PHONE
Moving you @ the speed of light

Griggs Existing Middle Mile Network

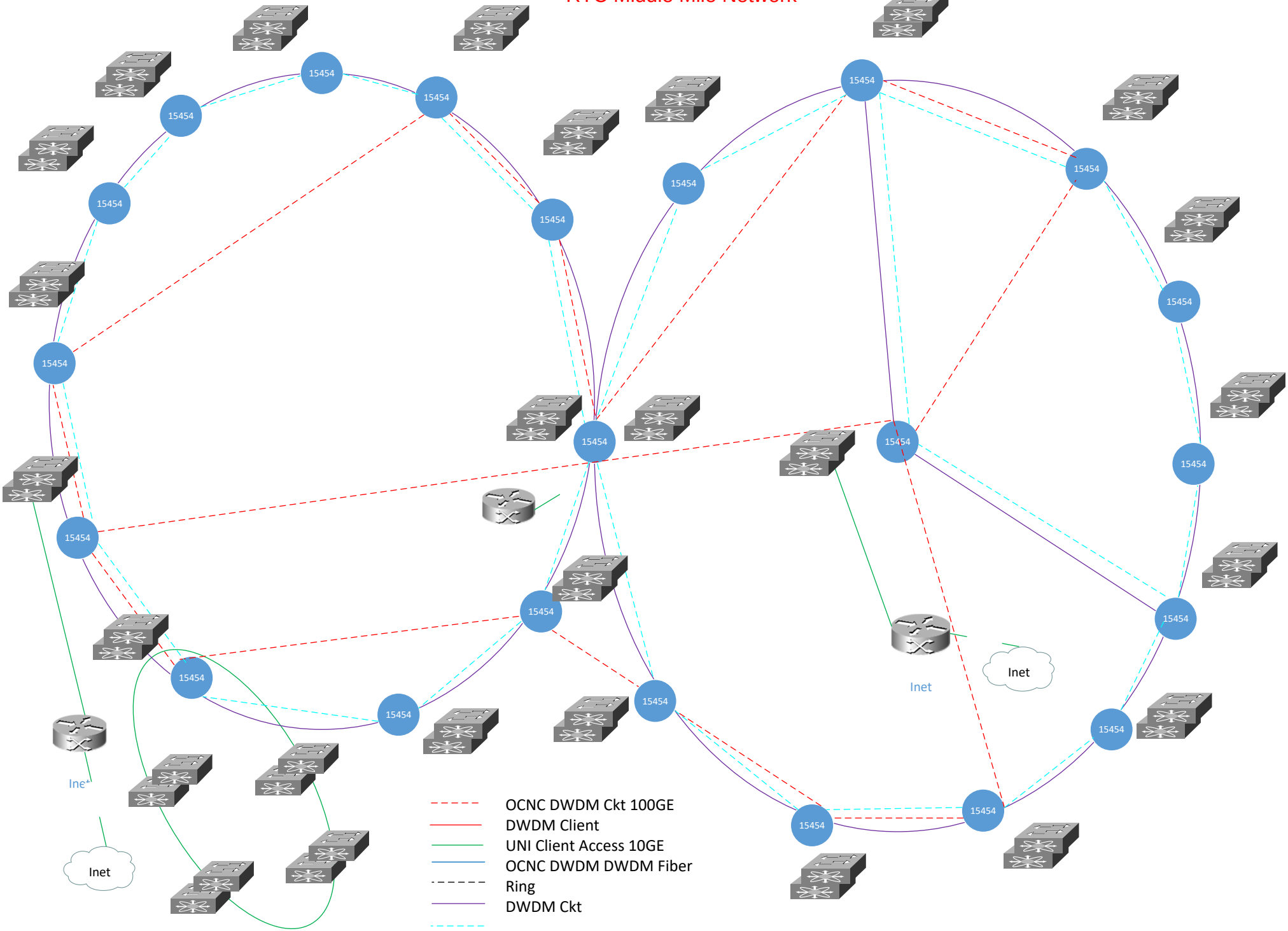


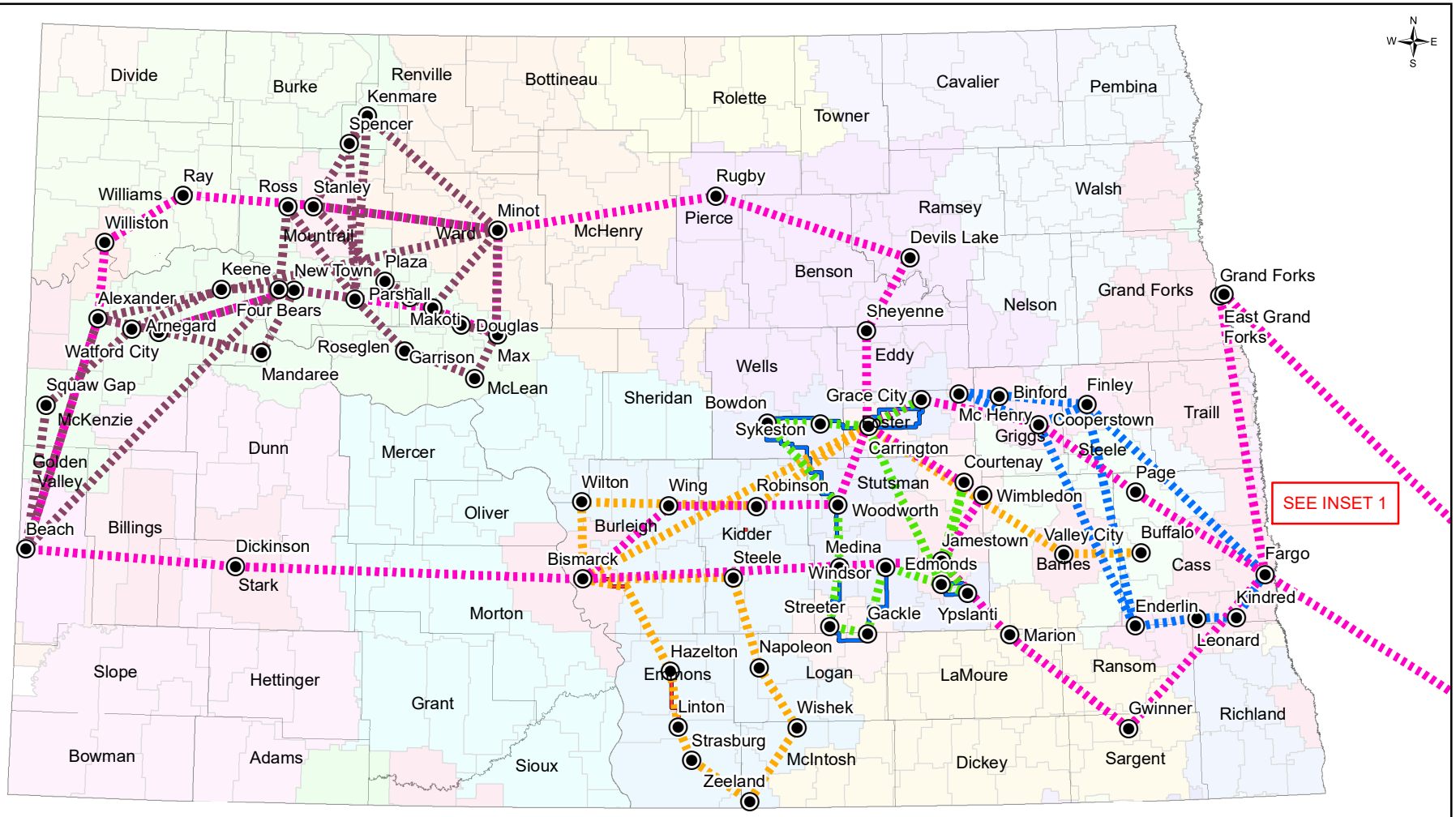
Griggs OWNED

LEASED FACILTIES

MLGC
INTERNET • TV • PHONE
Moving you @ the speed of light

RTC Middle Mile Network





EXCHANGE BOUNDARIES

- <all other values>
- Absaraka Co-operative Telephone Company, Inc.
- BEK Communications Cooperative
- Citizens Telecommunications Company of Minnesota, LLC
- Consolidated Telcom
- Dakota Central Telecom I, Inc.
- Dakota Central Telecommunications Cooperative
- Dickey Rural Telephone Cooperative
- Griggs County Telephone Co.
- Halstad Telephone Company
- Inter-Community Telephone Company, L.L.C.
- James Valley Cooperative Telephone Company
- Loretel Systems, Inc.
- Mid-Rivers Telephone Cooperative, Inc.
- Midstate Communications Inc.
- Midstate Telephone Company, LLC
- Missouri Valley Communications, Inc.
- Nemont Telephone Cooperative, Inc.
- North Dakota Telephone Company
- Northwest Communications Cooperative, a Cooperative Association
- Polar Communications Mutual Aid Corporation
- Qwest Corporation
- RC Communications, Inc.
- Red River Rural Telephone Association
- Reservation Telephone Cooperative
- Roberts County Telephone Cooperative Association of New Effington, South Dakota
- SRT Communications, Inc.
- Turtle Mountain Communications, Inc.
- United Telephone Mutual Aid Corporation
- Venture Communications Cooperative
- West River Cooperative Telephone Company
- West River Telecommunications Cooperative
- Wolverton Telephone Company

- RTC-LOGICAL NETWORK DIAGRAM
- DCT-LOGICAL NETWORK DIAGRAM
- DCN-LOGICAL NETWORK DIAGRAM
- GRIGGS-LOGICAL NETWORK DIAGRAM
- BEK-LOGICAL NETWORK DIAGRAM
- BEK-PROPOSED OSP ROUTES
- DCT-PROPOSED OSP ROUTES

Project Location Map

NETWORK DIAGRAM FOOTPRINT

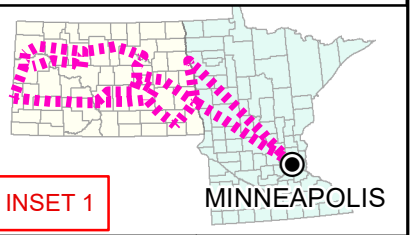
0 25 50 100 Miles

KLJ
4585 Coleman Street
PO Box 1157
Bismarck, ND 58503
kljeng.com

Created by: J. Norton

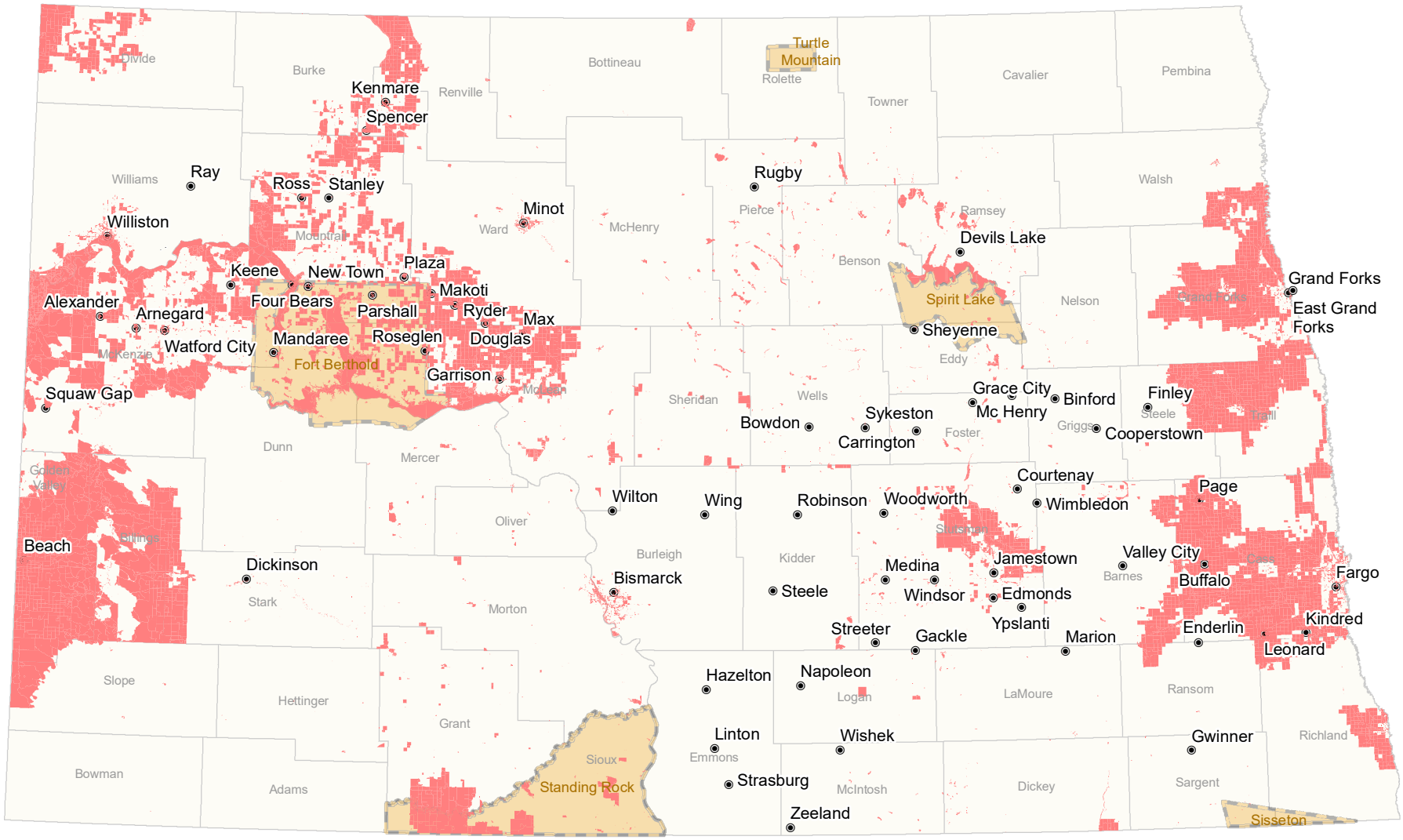
Date: 9/29/2022

Project #: 2207-01041



Revision #: 1

C:\Users\jamesnorton\OneDrive - KLJ Solutions Holding Co\Desktop\DCN\NETWORK DIAGRAM FOOTPRINT.mxd



UNDERSERVED AREAS

RESERVATION BOUNDARY

COUNTIES

CITIES

Project Location Map

UNDERSERVED WITH SPEEDS
>100mb DOWNLOAD AND >10mb UPLOAD

0 25 50 100 Miles

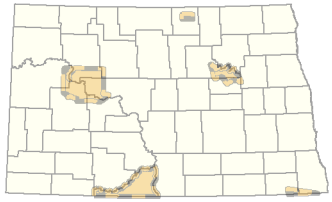
KLJ
4585 Coleman Street
PO Box 1157
Bismarck, ND 58503
kljeng.com

Created by: J. Norton

Date: 9/29/2022

Project #: 2208-00909

Revision #: 1



North Dakota

C:\Users\jamesnorton\OneDrive - KLJ Solutions Holding Co\Desktop\DCN\SERVED AND TRIBES.mxd