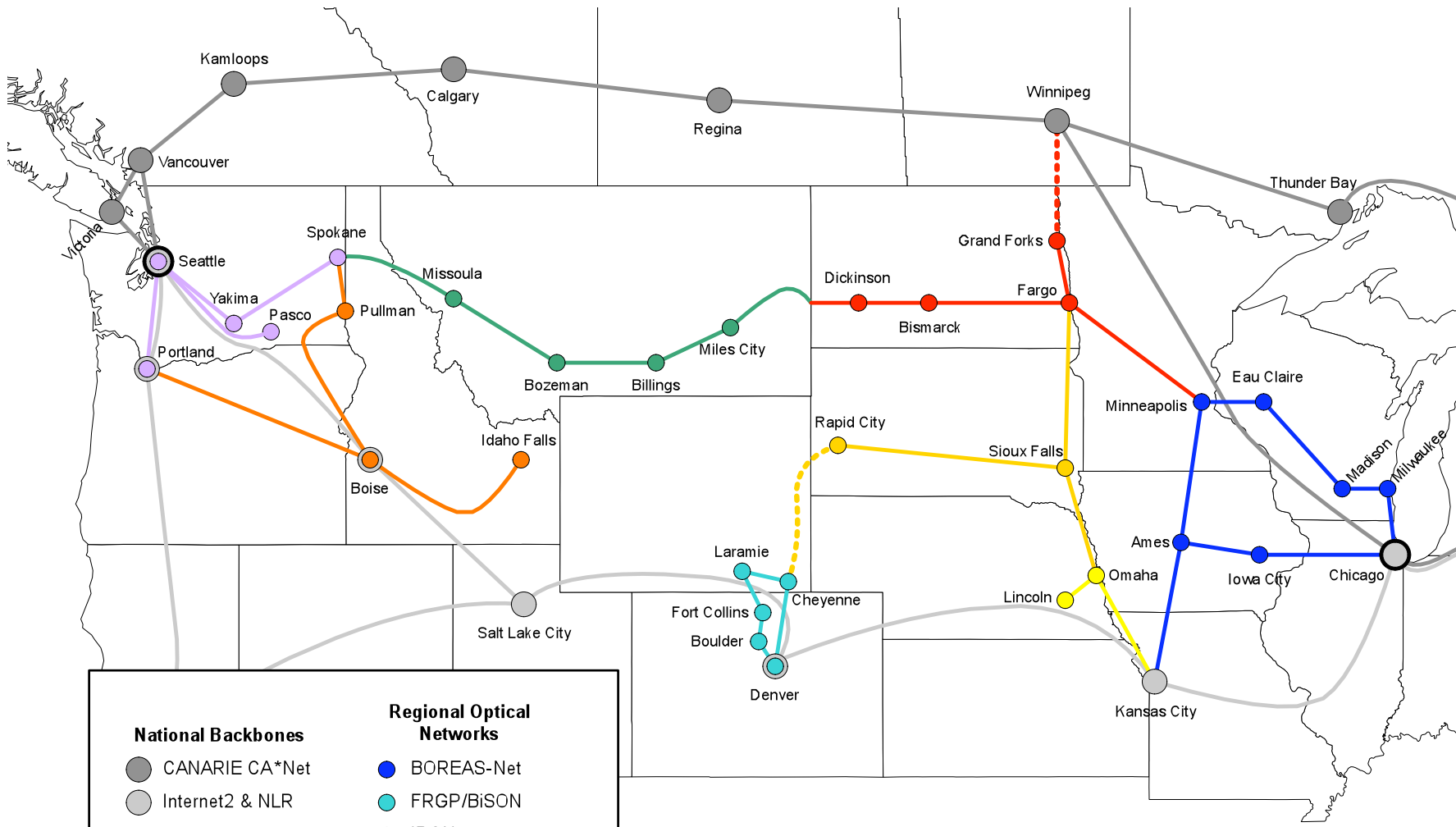


Northern Tier Update

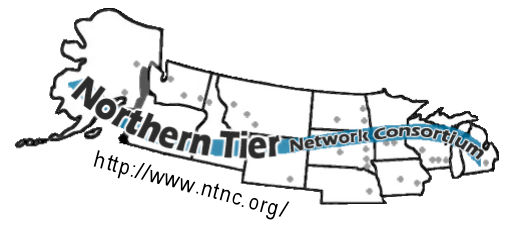
David Farmer
Bruce Curtis
Claude Garelik

- A little history
- Some over all maps
- Montana
- North Dakota
- South Dakota



National Backbones	Regional Optical Networks
● CANARIE CA*Net	● BOREAS-Net
● Internet2 & NLR	● FRGP/BISON
● StarLight & Pacific Wave International Peering Points	● IRON
	● MUREN
	● NTN-ND
	● PNWGP
	● SD-REED
	● UNL

6/4/2008
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Fairbanks



Montana
MUREN

Montana Early Progress

- We're Doing IT!!!
- Network design includes 4 add/drop locations and 26 optical amplifications sites (~860 fiber miles).
- Preliminary agreement with PNWGP on bill of materials for network design.

Next Steps

- Official agreement between PNWGP and Montana University System.
- PNWGP works with ATT to do hut preparations.
- Finalize equipment list for all data drops.
- Address local loop considerations for each add/drop location.
- Finalize campus site preparations for much larger data pipes into campuses!

Montana – Map

