

- b. Private investment (if we can get the numbers)
- VI. Where we are going: Applications
  - a. Applications and the bandwidth they consume (chart)—Insert in report
  - b. IOT
  - c. Residential
  - d. Business/Economic Development
  - e. Education
    - i. Uses (1:1 initiatives, textbook replacement, distance learning)
    - ii. Disparities
    - iii. E-rate
  - f. Higher Ed
  - g. Libraries
  - h. Healthcare
    - i. Telemedicine bill passage
  - i. Agriculture
    - i. Precision Ag
    - ii. Farmfest stories
- VII. Barriers to Expanding Access to Broadband
- VIII. Policy Recommendations
  - A. Speed Goals
    - a. Baseline “definition” (25/3)
    - b. Aspirational “Goal” (Numeric plus “Top 5s”?) and year
    - c. K-12 goal (October meeting topic?)
  - B. Funding for Border to Border Infrastructure Grant Program
  - C. Funding for K-12?

\*Highlight: Stories and quotes from Minnesotans over the year

\*Use Infographics

\*Include Telecom Reform somewhere? (Pell Center paper, look at states that have reformed and where they land on broadband availability charts)

## Draft Outline – 2015 Broadband Task Force Report

Letter from Task Force Chair

Executive Summary

List of TF members (explain reappointments mid-year or possibly include in MAK's letter?)

Body of Report:

- I. Where we started five years ago (*Note: Emphasize in this report to mark 5 year anniversary*)
  - a. Cover history/goals of task forces
  - b. Availability and adoption five years ago
  - c. Programs during that time
- II. Broadband – A Primer
  - a. FCC definitions
  - b. Current and future applications
- III. Where we are now: Availability and Adoption
  - a. Current availability in MN (CN, Akamai, etc., FCC 706 report)
    - i. Breakdown by geographic area:
      1. Urban
      2. Suburban
      3. Rural
      4. Tribal
    - b. Current availability elsewhere
    - c. Examples of what is being deployed (Paul Bunyan, Comcast, USInternet, CenturyLink, Midco)
    - d. Current adoption (Pew, Census Bureau survey, FCC 706 report, etc.)
    - e. Maps (CN, FCC)
    - f. Community efforts
  - IV. Where are we now: Funding Sources
    - a. Legislative action: OBD and Border to Border grant program
    - b. CAF II
      - i. Price cap carriers
      - ii. Rate of Return carriers
      - iii. Rural Broadband Experiment auction areas in MN
      - iv. Gaps
    - c. E-Rate fiber potential (with state 10% match)
    - d. Continued private investment
    - e. Evolving public-private partnerships
  - V. Where we are going: Technologies
    - a. Fiber, DOCSIS 3.1, fixed wireless, wireless