

Agreement Summary with the Community Connectivity Consortium C3 – A Project to Build a Fiber Optic Network around Lake Washington

Background - What is C3

The Community Connectivity Consortium (C3) is a 501 C3 organization that includes 23 municipal and anchor institutions – including the Cities of Algona, Auburn, Bellevue, Federal Way, Kent, Kirkland, Newcastle, Pacific, Redmond, Renton, Seattle, Tukwila, King County, NORCOM, Valley Communications Center, University of Washington, Valley Medical Center, Evergreen Hospital and School Districts of Lake Washington, Bellevue, Northshore, Renton, and Bellevue College.

The C3 is building an optical fiber network to provide the region with a high speed network designed to carry 40 terabits of data of voice, data and video to meet the growing needs of our community institutions across the Puget Sound region. This network will enable us to provide internet services to non-profit organizations at a significantly lower cost than commercial providers. All components of the network are being contributed by the participating members to achieve this very ambitious goal.

The C3 Agreement

This Consortium Project Agreement will be signed between the contributing project members for design, provisioning, and delivery of a high speed optical network around Lake Washington. The System may only be used for the purpose of supporting public, not-for-profit, and governmental institutions. This project includes member connected fiber and electronics to build and operate a high speed optical network around Lake Washington. Our target date for signing this agreement is May 31, 2016.

Who Benefits - The Community Need

The immediate beneficiaries include the cities of Bellevue, Kirkland, Redmond, Seattle, etc. and many South Sound Cities including; Renton, Kent, Auburn, Federal, and Tukwila. For C3 members, the base system will provide 1Gigabit of connectivity from any Node Site to any Node Site on the ring. Most Public, Education and Government organizations cannot afford to build secure, resilient, high speed fiber optic networks to support their essential business operations. By combining resources, which significantly reduces upfront capital expenditures we are able to build a cost-effective fiber optic ring around Lake Washington to provide members access to high speed connectivity and services.

King County Investment

To help make this regional collaboration a reality, King County will contribute \$50K for the purchase of equipment to be placed in the Valley Communications node site and connected into the network. Considering the costs of the investment and the benefits, it's clear that participating as a regional partner is a good investment.

The ring around Lake Washington is funded entirely by contributions in cash or kind from the membership. The \$50,000 cash contribution from King County is funded by existing appropriation from revenues received and will not require any additional budget

Status of the C3 Network

The Project agreement for the ring around the lake is currently being circulated amongst the member organizations for legal review and approval. The network design is complete, testing fiber segments

began 4/11, equipment bill of materials and quotes have been accepted. Equipment procurement and delivery will be executed by end of Q3 and we are targeting implementation and activation of the network by the end of 2016.

Ring Map

