



CITY OF West Linn

Economic Development Committee

MEETING INFORMATION

Presentation Purpose: Educate & Inform on the Topic of Fiber to the Premise (FTTP)

Date: July 14, 2016

Time: 6:30-6:45

Location: City Hall Bolton Conference Room

Municipal Fiber Education Presentation Agenda

- ❖ Introduction to the West Linn IT Manager
 - Career path
 - Education/Certifications
- ❖ Fiber to the Premise (FTTP) & Background
 - Evolution of internet products and current state options
 - What is FTTP and why is it important overall
 - High speed internet utility or luxury?
- ❖ Published RFP and KPI
 - Vendor Selection Process
 - 5yrs In business/Studies over 15,000 citizens/Complex Land Use Environments
 - Four Criteria for judgement
 - Scope of work
 - Analysis of incumbent service providers
 - Survey business and residential community for interest level
 - Engineering analysis on infrastructure build out
 - Analysis of legal risk/requirements
 - Analysis of CDC code risk/requirements
 - Analysis of local/regional partnerships
 - Analysis of potential funding mechanisms
 - Expected Delivered Results
 - Results of all surveys, analysis, & assessments
 - Ownership analysis (city owned, public/private,..)
 - Operational business plan
 - Threat analysis to long term success
 - Financing options
 - Suggested next steps

West Linn Municipal Fiber to the Premise (FTTP) Considerations

Community Development Code

A financially successful deployment of FTTP city wide requires that a city's community development code include provisions that encourage streamlined deployment of assets to all parts of the community.

West Linn Code Provisions that may impact a streamlined deployment of FTTP

- Definition of Utility (major/Minor – Transmission/Distribution)
- Transmission Splice point buildings required are subject to type 1 & type 2 plan review
- No new telephone poles can be added to West Linn, any lines added where there are not existing telephone poles have to be buried underground
 - Fiber installation per mile on poles – Est \$40,000
 - Fiber installation per mile underground – Est \$200,000
- The City Charter may forbid installation of fiber on lands designated as parks in the city forcing infrastructure to be installed around parks driving up cost

Service Operation Models

The installation of a FTTP network within the city does not have to be completely Bourne by the tax payers of the City of West Linn. A basic business principal applies as the available operation models are considered.

Amount of Financial Risk \approx Amount of Financial Reward

Complete city owned utility – City installed, City maintained, City Repaired and Improved

Public/Private Partnership – Varying degree of financial investment from both parties with percentage of investment in installation and operation directly related to profit sharing.

Complete Private entity owned service – City streamlines process for private vendor to install, maintain, repair and improve service

Possible Community Benifits

Supporters on either side of the debate on public or private owned internet services provide data that is not clear cut and subject to further analysis. These are benefits that have been stated and **MAY** emerge.

- Businesses of all sizes are retained in communities with FTTP internet services
- Businesses of all sizes gravitate toward communities with FTTP internet services
- Private property and rent values are slightly higher in communities with FTTP internet services
- Additional internet delivered services are possible: Tele-Health, Tele-Education, Tele-Commuting
- An additional service provider in West Linn will spur competition and drive down Internet service costs