

Summary of the City of Olympia's Municipal Fiber Network

November 5, 2015

Studies/assessments conducted over the years:

- 2003 Fiber Optic Master Plan Feasibility Study
- 2004 Council Staff Report on Municipal Wi-Fi
- 2005 Citizen Committee Report to Council on Municipal Wi-Fi
- 2015 Thurston County PUD Broadband Feasibility Assessment

Partners:

- City of Lacey
- City of Tumwater
- Thurston County
- TCOMM (911 Center)
- Intercity Transit
- Wa St Dept of Transportation (*primary partner in main fiber runs*)
- WATECH (Previously Wa St CTS - Consolidated Tech Services)
- Wa St DSHS
- Wa St Dept of Commerce
- LOTT (Previous partner)

Financial:

- No designated funding in the current City budget or CFP related to fiber or conduit.
- Grant funding largely unavailable for urban areas.
- Public Safety grants are often used by Cities to develop municipal Wi-Fi. Since we are part of a regional model hosted by TComm, it would require a regional approach.
- Primary expense is pathway not fiber so the City has utilized existing pathways such as street lighting conduit in trade for fiber installations by other agencies such as WSDOT.

Current Projects:

- Rerouting of fiber from OB2 to the new Wa St data center.
- Conduit is currently installed as part of public works projects whenever possible. The results is a patchwork of disconnected pathways.

Comprehensive Plan:

UTILITIES - GU22 *The City should make provisions in its policies, regulations and Engineering Development and Design Standards for a fiber optic conduit system as part of its municipal infrastructure.*