



Downtown Fiber Pilot Project

A Partnership of the City of Eugene,
Eugene Water & Electric Board, &
Lane Council of Governments
July 2014

Pilot Project Goals



- Improved understanding of technical issues and local market conditions
- Lower cost, higher speed service
- Demonstration of the benefits of dark fiber infrastructure provided direct to businesses
- Analyze cost effectiveness of utilizing existing infrastructure
- Develop viable business models for scaling the benefits downtown and region-wide
- ***Move towards a world class fiber network which supports regional prosperity***

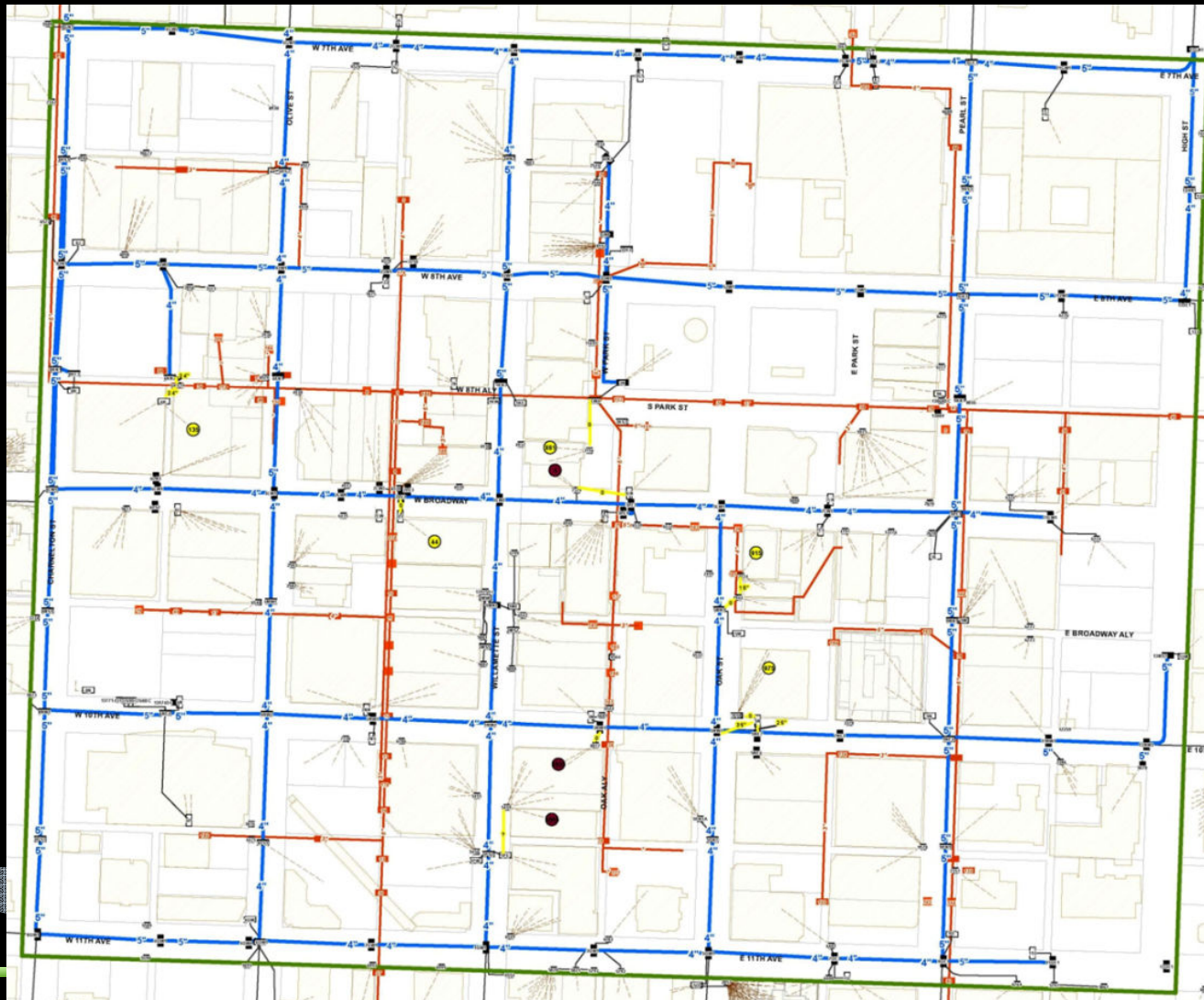
Partnering for Regional Prosperity



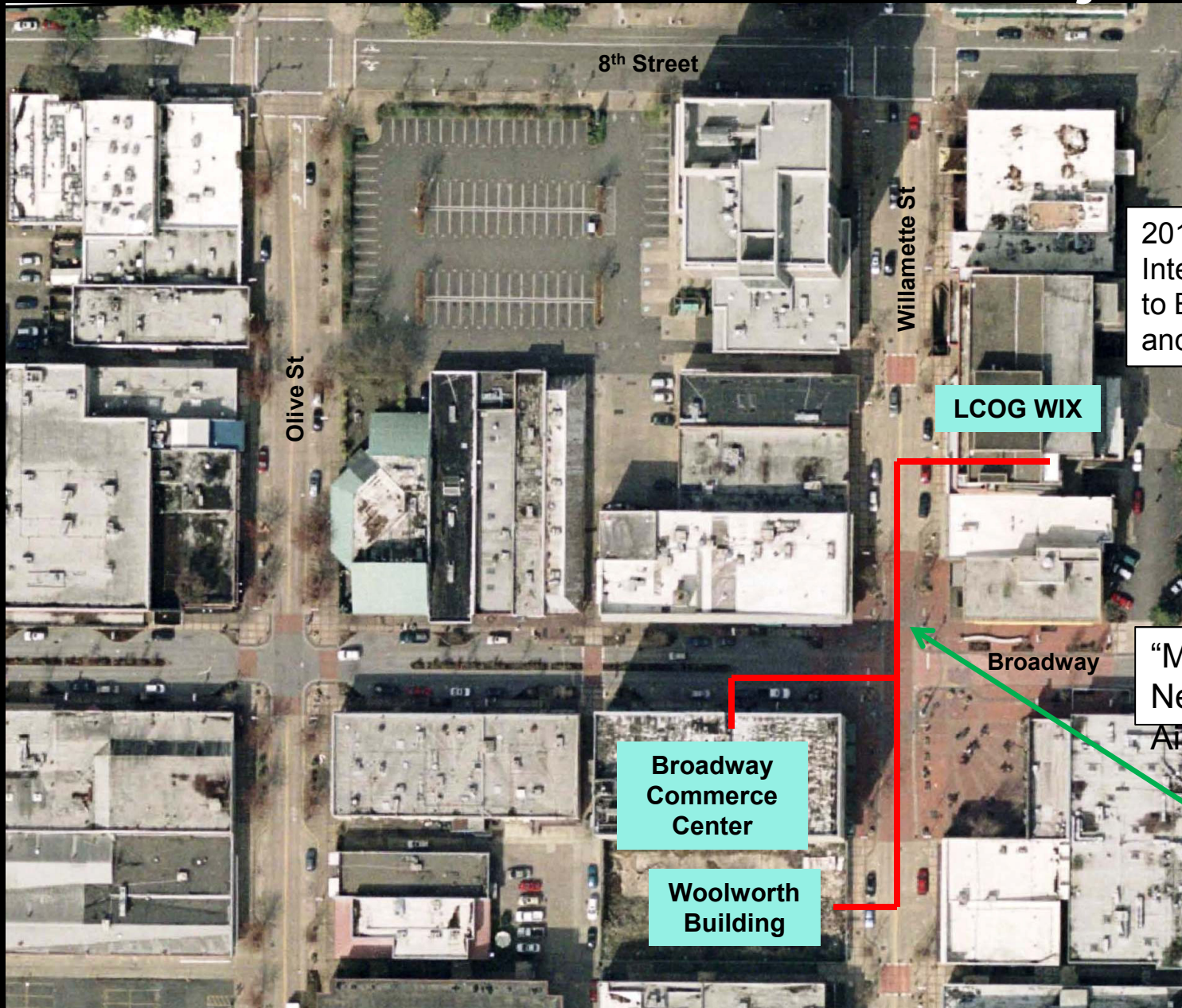
- Support and accelerate key Industries - productivity and wages
- Robust, growing community of custom software firms
- Over 80 high-tech companies, many with vast data needs, in downtown
- Build cost-effective last yard connections for companies

EWEB Infrastructure in Downtown

Spare Electric Ducts and Steam Pipes



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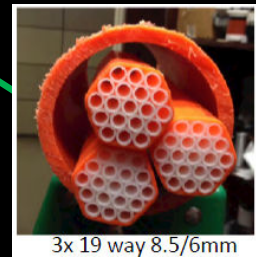
2014 - LCOG Willamette Internet Exchange (WIX) to Broadway Commerce and Woolworth Buildings

LCOG WIX

“Micro-Tube” Network

Broadway Commerce Center

Woolworth Building



3x 19 way 8.5/6mm

Timeline and Next Steps



- Agreement between the City, LCOG and EWEB
- Design work completed
- Materials ordered
- Installation by September... Contracts for dark fiber offered by October