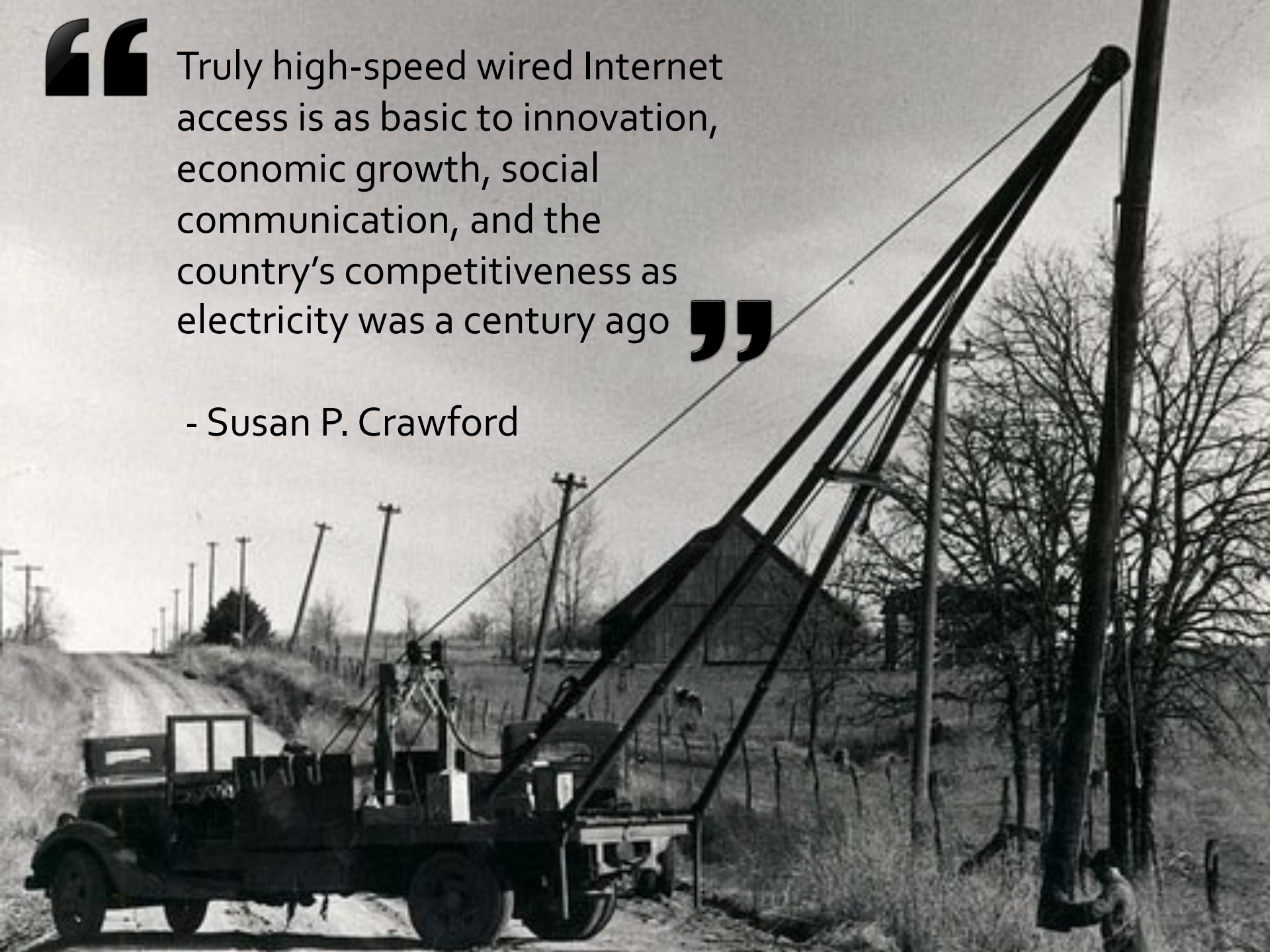
MICHIGAN
BROADBAND
COOPERATIVE

Michigan Broadband Cooperative

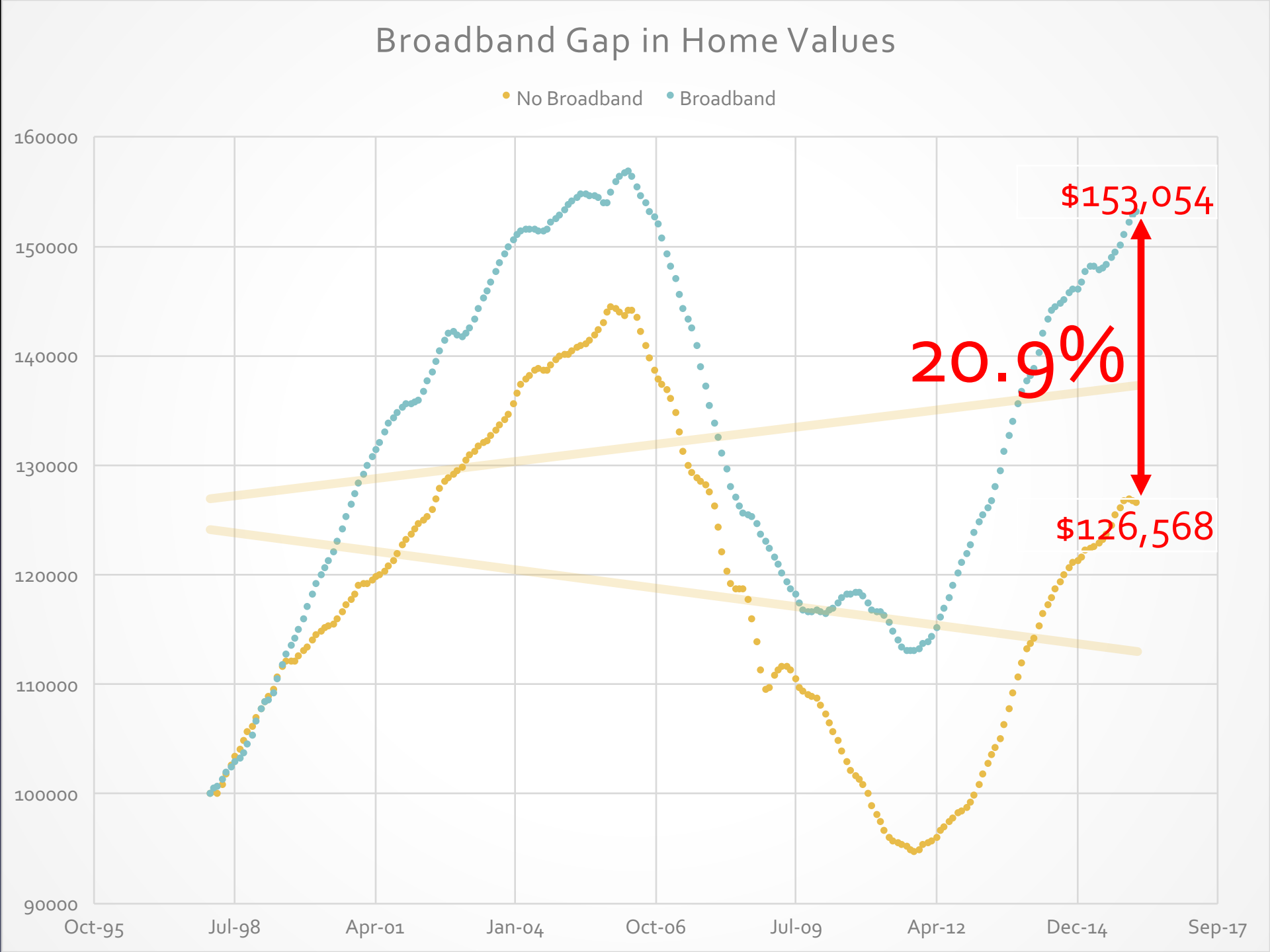
Mission:

To build open access, community-controlled broadband infrastructure for unserved and underserved areas of Michigan


“Truly high-speed wired Internet access is as basic to innovation, economic growth, social communication, and the country’s competitiveness as electricity was a century ago”
- Susan P. Crawford

The
Homework
Gap

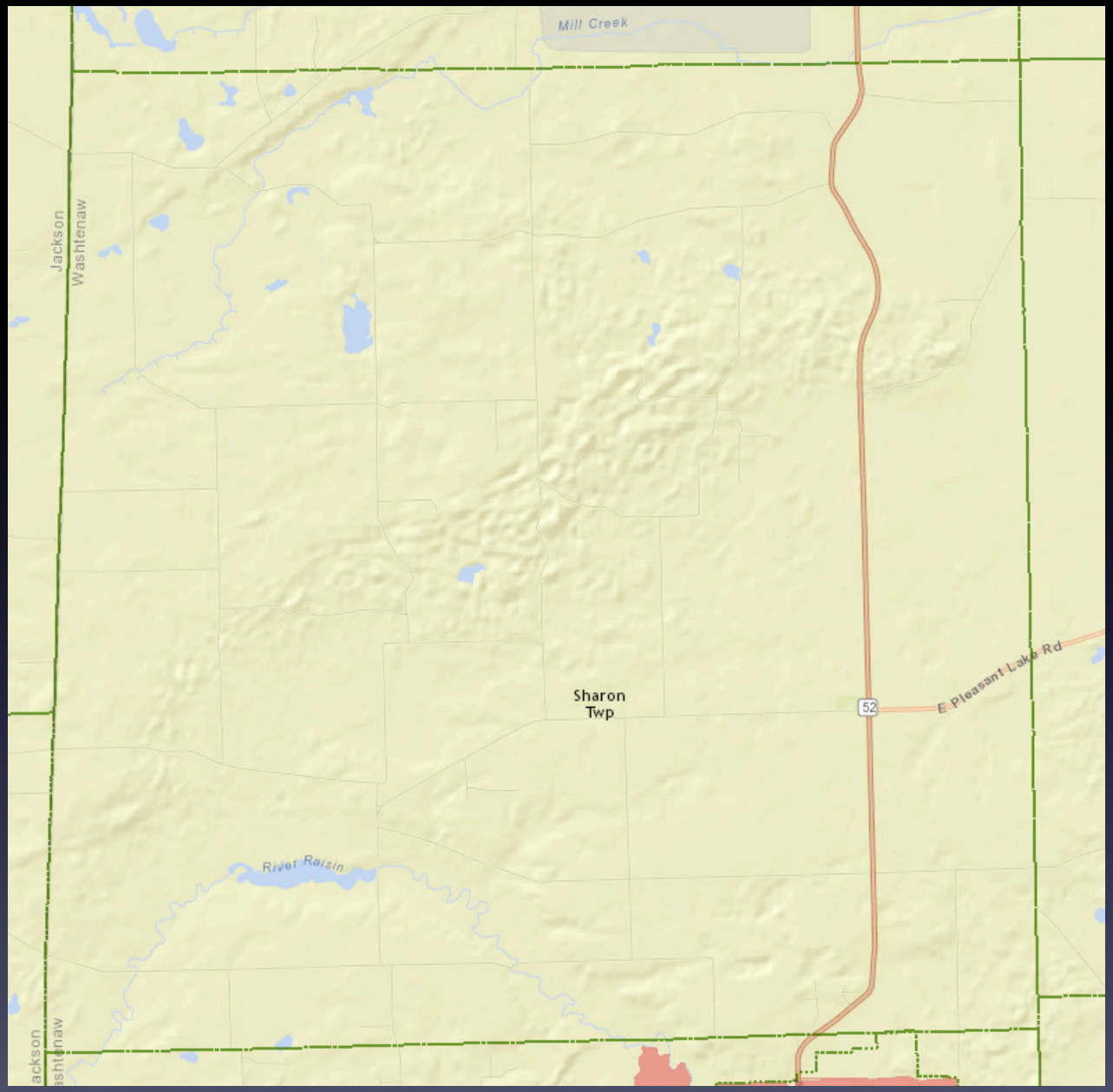
FOR
SOLD
20%


Broadband Gap in Home Values
No Broadband
Broadband
160000
150000
140000
130000
120000
110000
100000
90000
Oct-95
Jul-98
Apr-01
Jan-04
Oct-06
Jul-09
Apr-12
Dec-14
Sep-17
$153,054
20.9%
$126,568

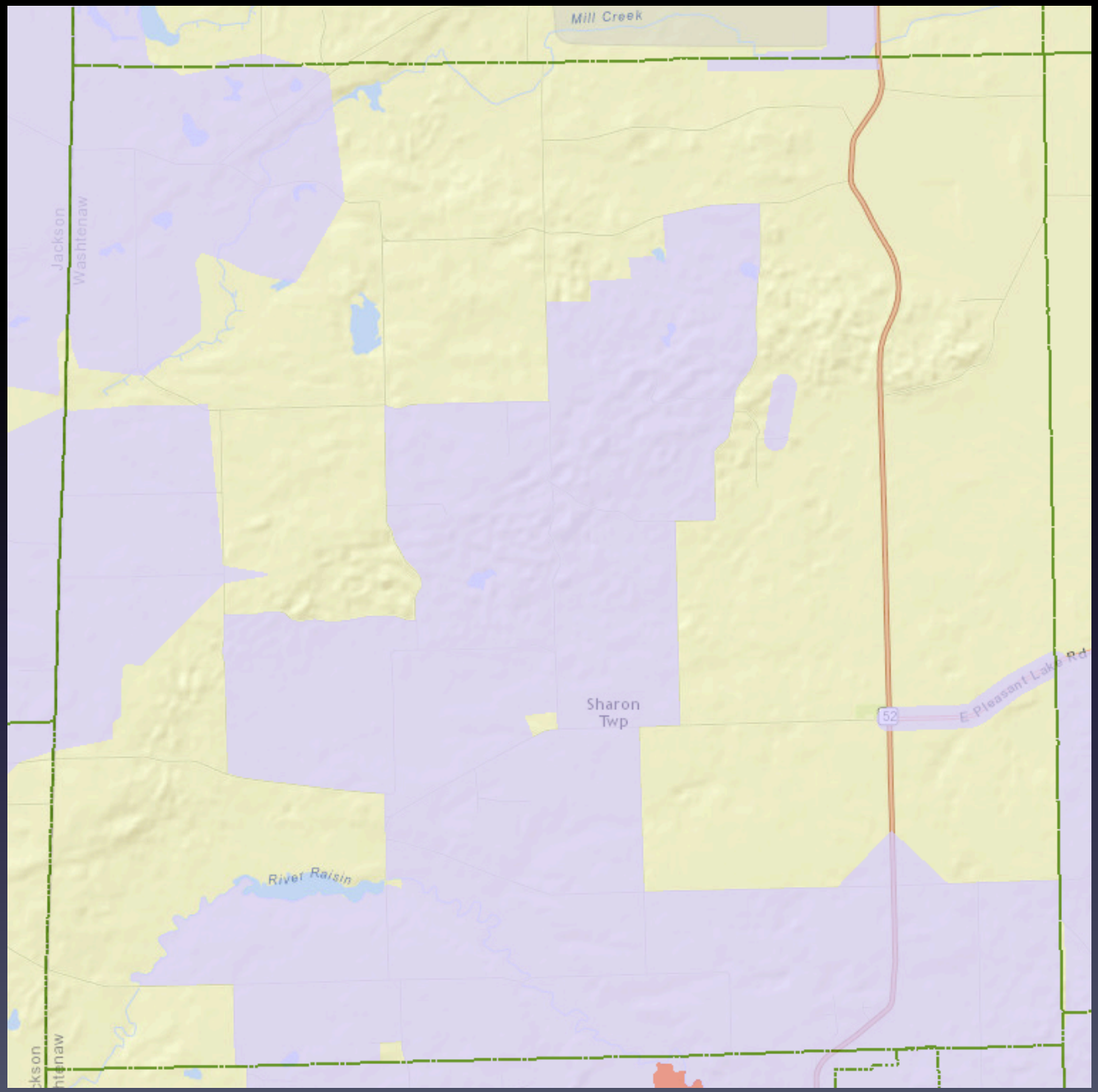
Home
Employment

Distance Learning

Quality of
Life



Cable Coverage



Cable + DSL Coverage

Rural Reach

Great Lakes

Data Caps

Streaming Video: $1,605

Home Computer Backups: $2,320

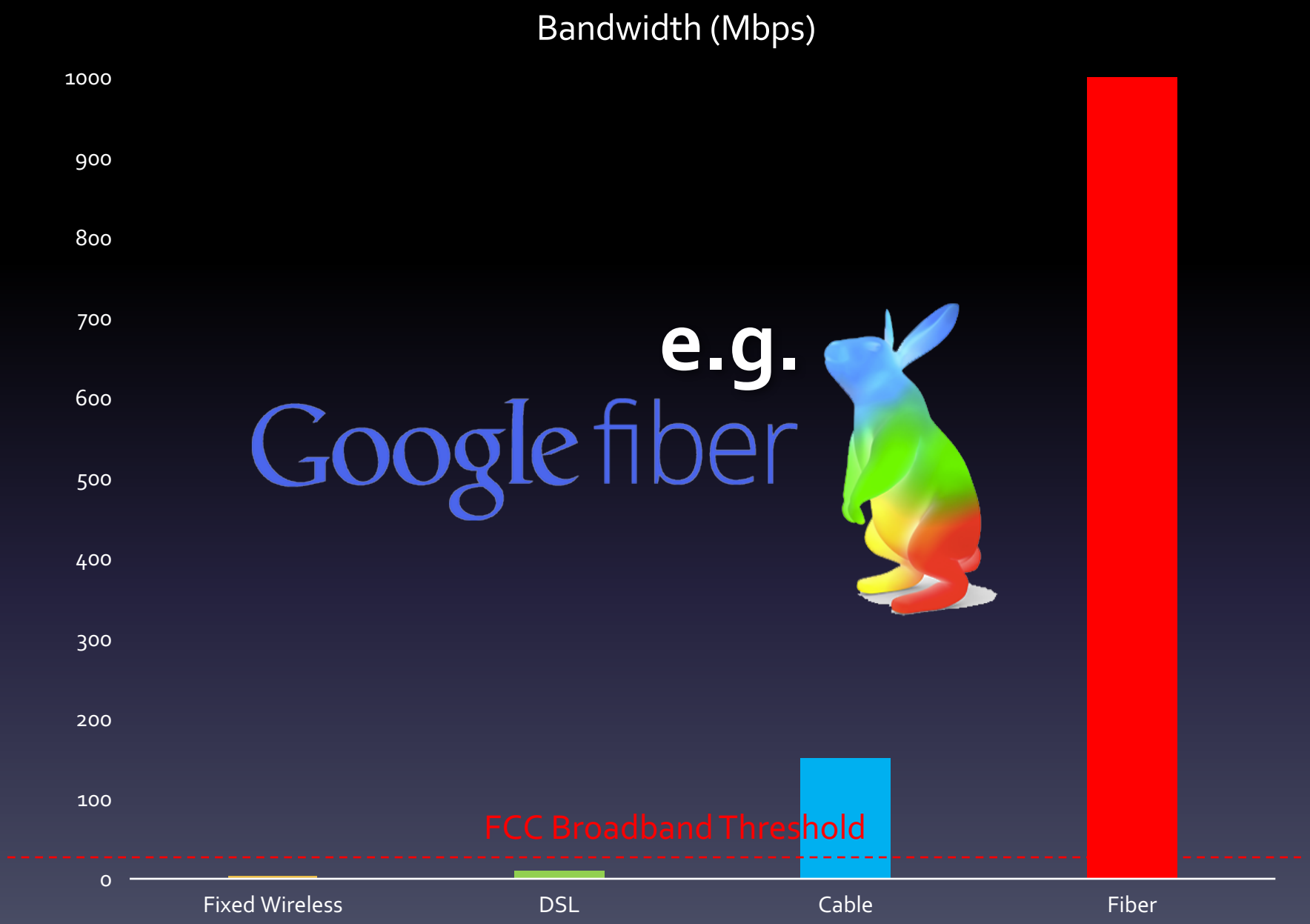
Security Camera: $1,220

Software Updates: $135

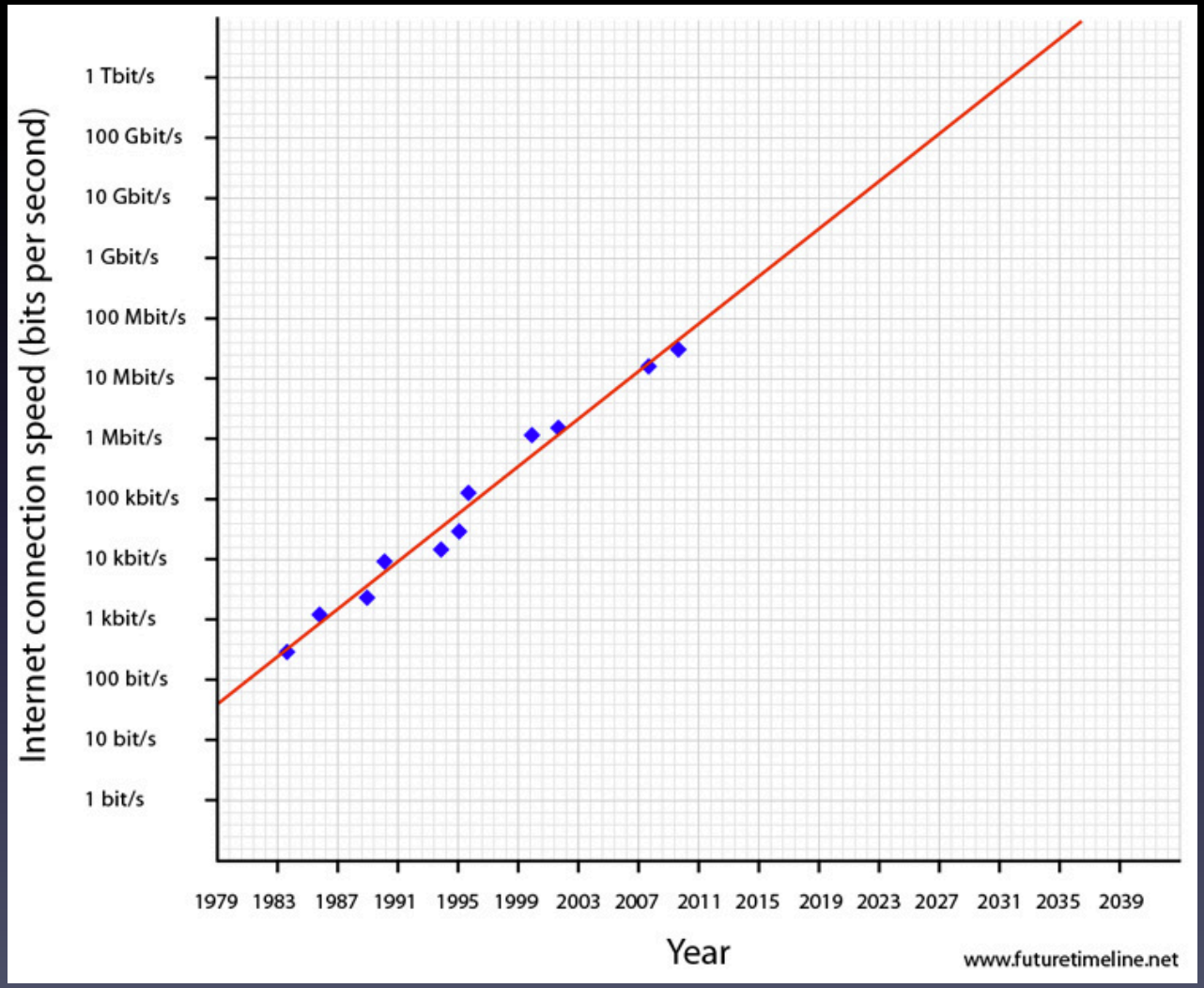
Software Purchases: $600

Video Chat: $575

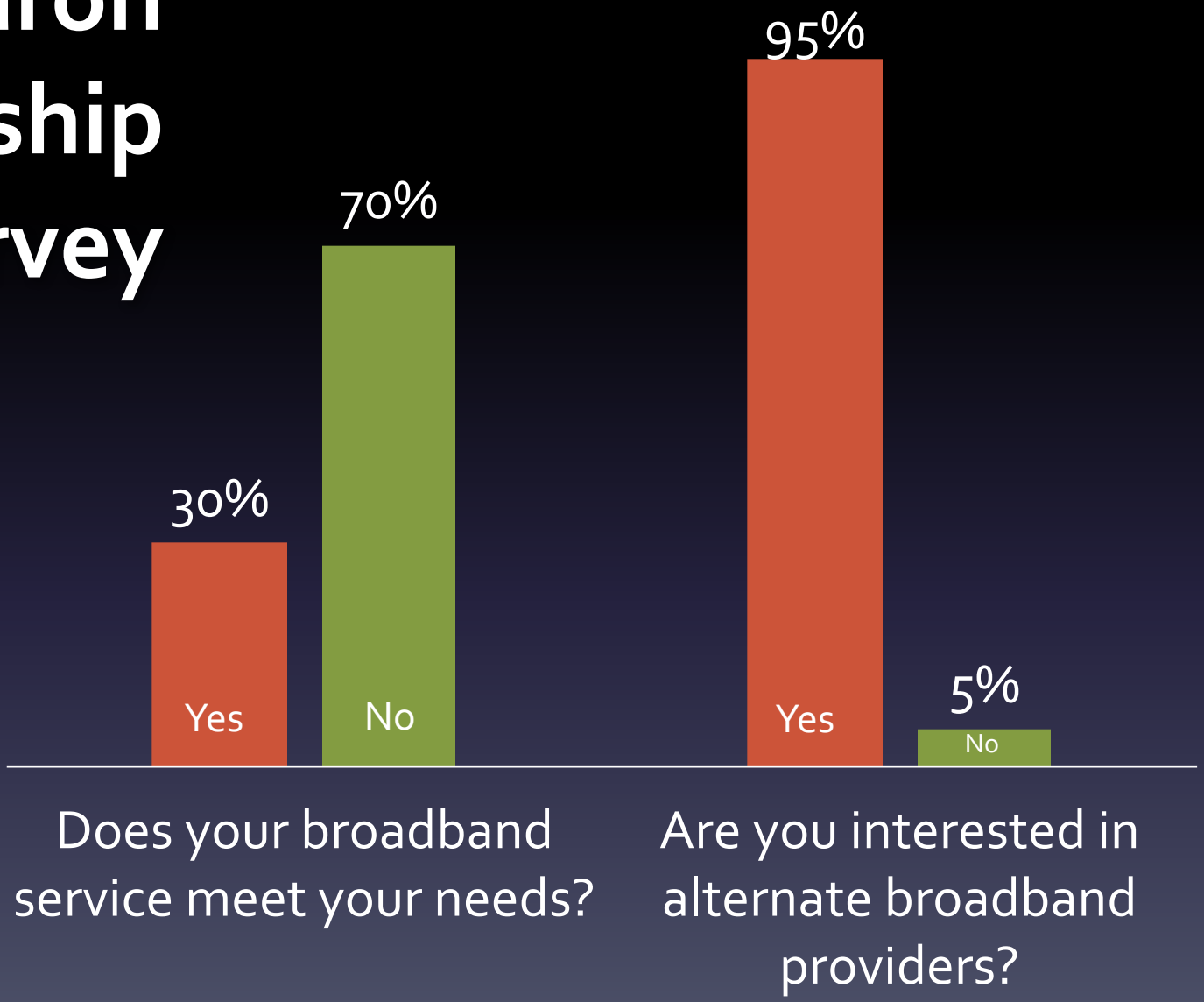
Total: $6,455


Bandwidth (Mbps)
1000
900
800
700
600
500
400
300
200
100
0
e.g.
Google fiber
FCC Broadband Threshold
Fixed Wireless
DSL
Cable
Fiber

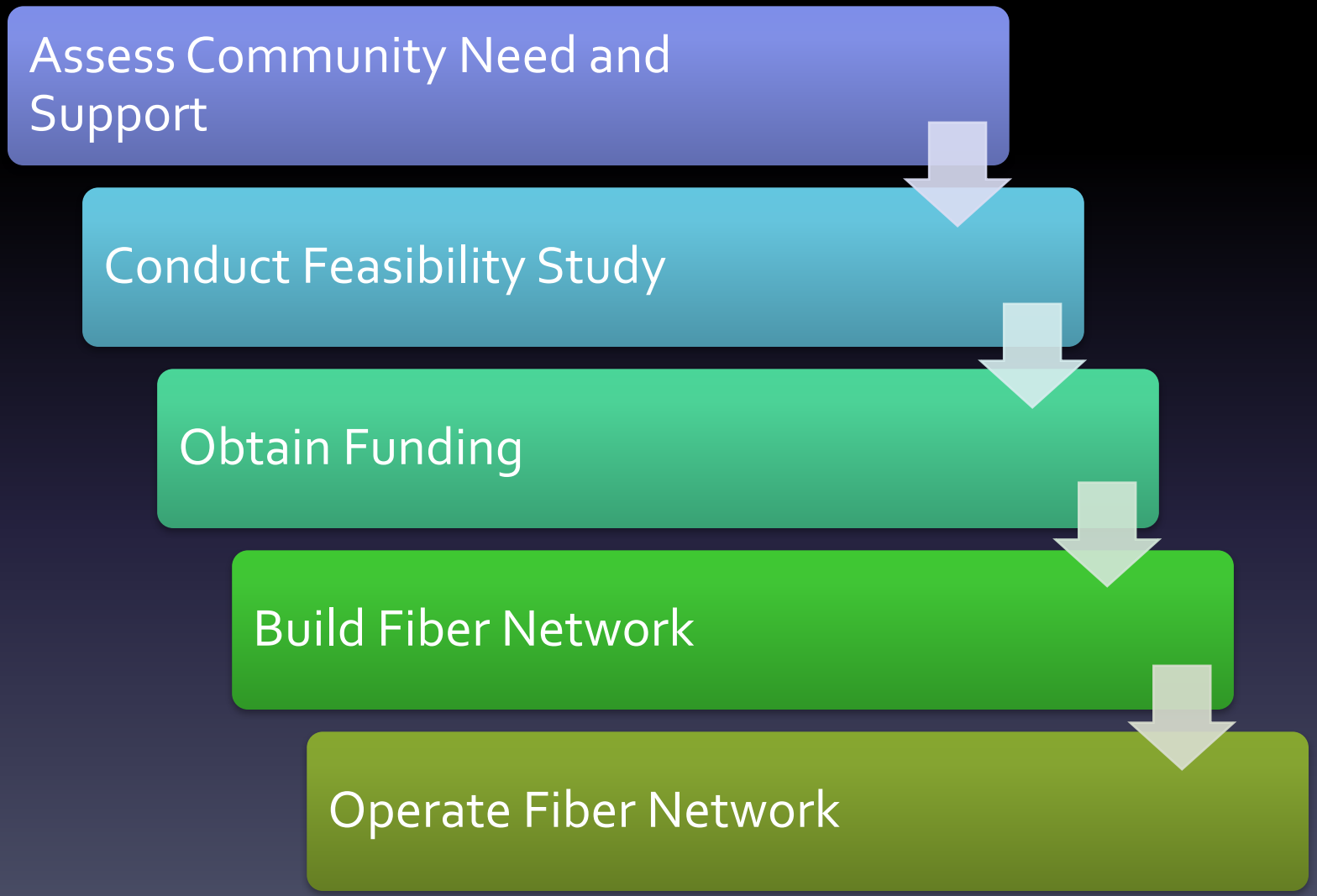
Nielsen's Law of Bandwidth



Sharon Township Survey



How to Get Broadband

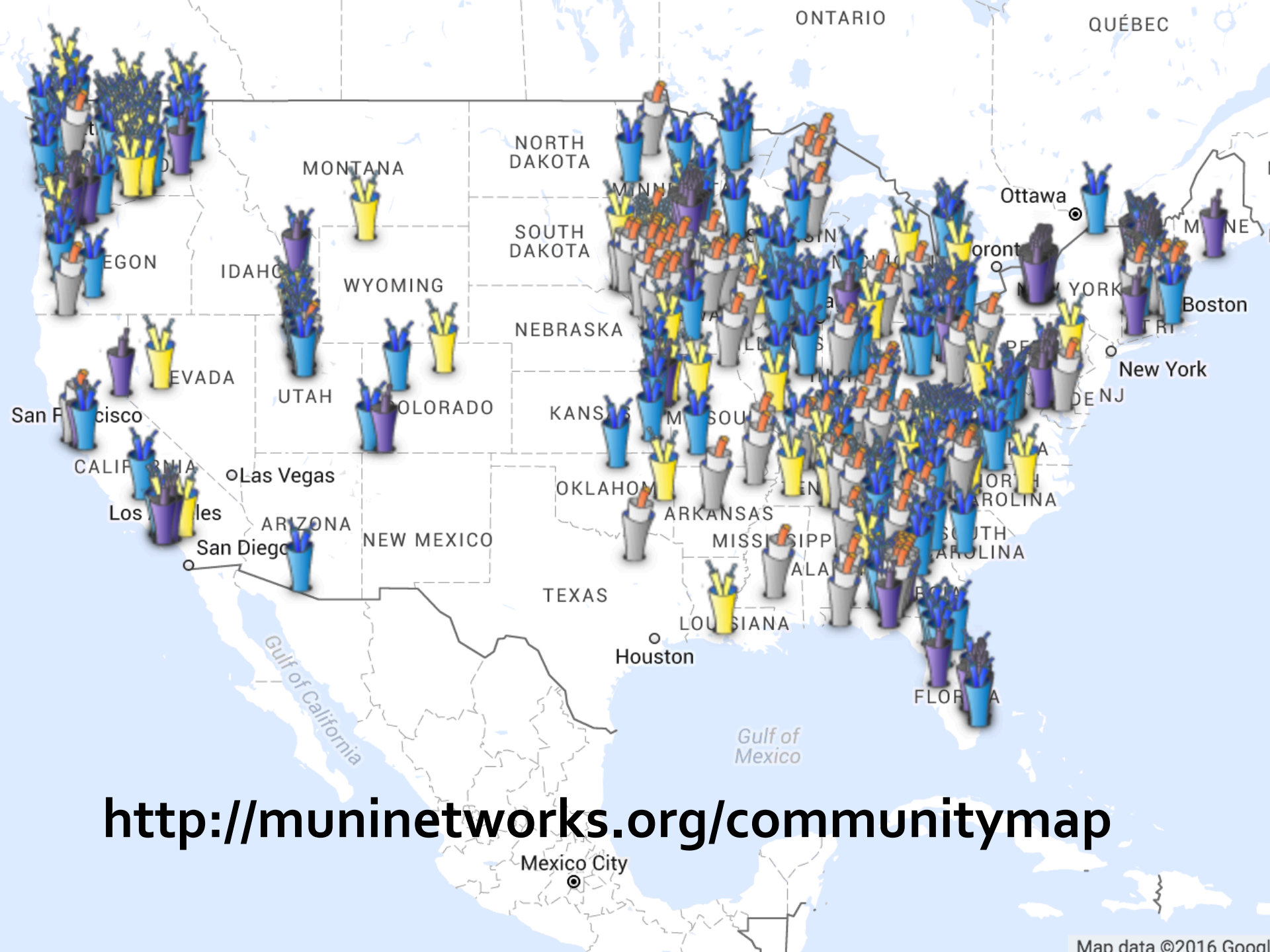


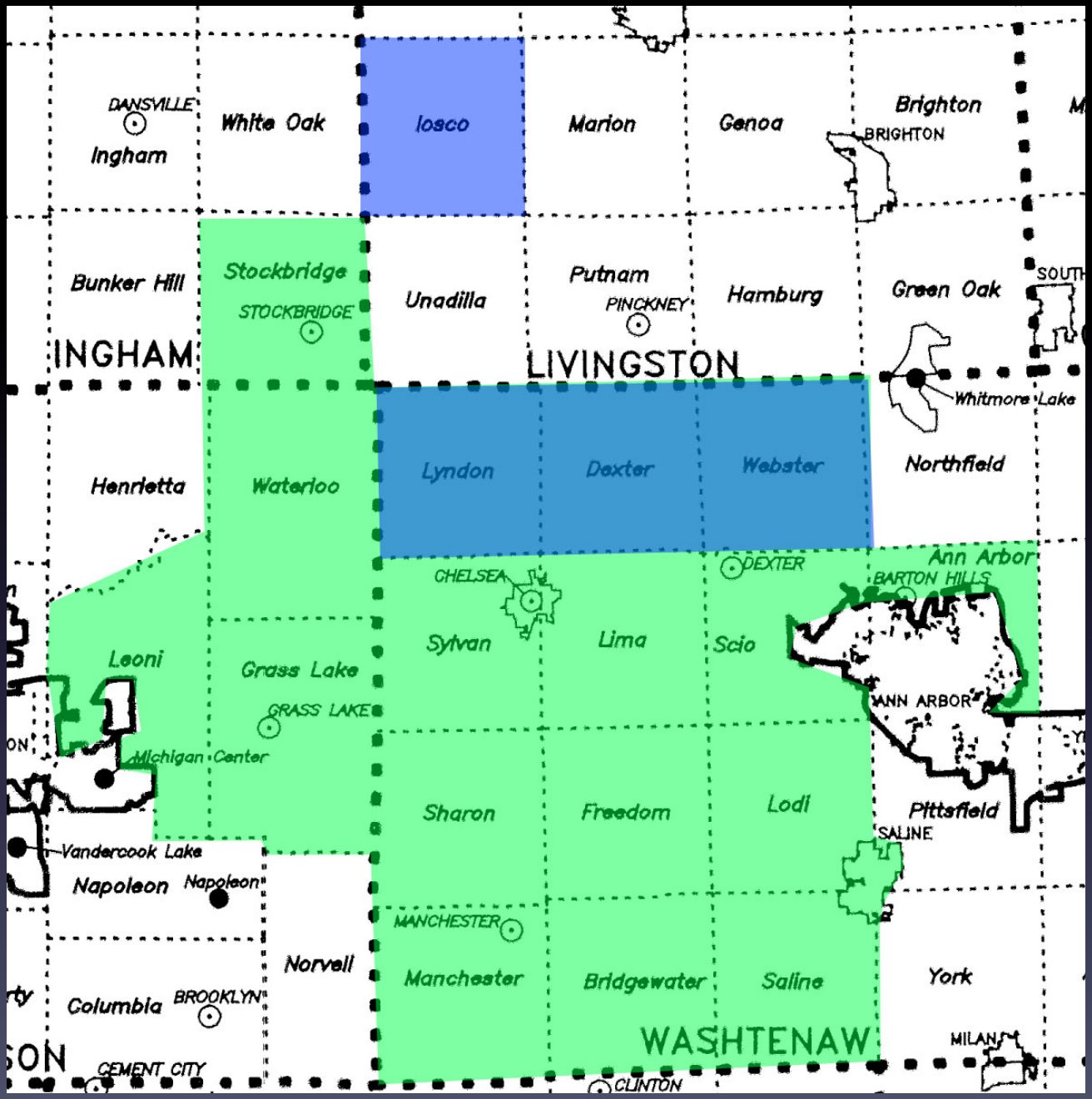
Funding Models

- General Fund
- Millage and Bond
- Special Assessment Districts
- Crowdsourcing

Sebawing, MI

- Built fiber to the home for 1700 residents
- Offering up to 1Gb service
- Leveraging municipal power co.
- Funded out of general fund


ONTARIO
QUÉBEC
MONTANA
NORTH DAKOTA
SOUTH DAKOTA
WYOMING
NEBRASKA
IDAHO
UTAH
COLORADO
NEVADA
OREGON
KANSAS
OKLAHOMA
ARKANSAS
MISSISSIPPI
ALABAMA
LOUISIANA
TEXAS
NEW MEXICO
ARIZONA
CALIFORNIA
Ottawa
Toronto
Boston
New York
NJ
Las Vegas
San Diego
Houston
Gulf of California
Gulf of Mexico
Mexico City
http://muninetworks.org/communitymap
Map data ©2016 Google


DANSVILLE
Ingham
White Oak
Iosco
Marion
Genoa
Brighton
BRIGHTON
Bunker Hill
Stockbridge
STOCKBRIDGE
Unadilla
Putnam
PINCKNEY
Hamburg
Green Oak
SOUTH
INGHAM
LIVINGSTON
Whitmore Lake
Henrietta
Waterloo
Lyndon
Dexter
Webster
Northfield
CHELSEA
DEXTER
Ann Arbor
BARTON HILLS
Leoni
Grass Lake
GRASS LAKE
Sylvan
Lima
Scio
ANN ARBOR
Michigan Center
Sharon
Freedom
Lodi
Pittsfield
SALINE
Vandercook Lake
Napoleon
Napoleon
MANCHESTER
Norvell
Manchester
Bridgewater
Saline
York
Columbia
BROOKLYN
WASHTENAW
MILAN
CEMENT CITY
CLINTON

Funding Example: Lyndon

~56 Road Miles

~$6,800,000 Project

$122,539,598 taxable value

3.7 Mills = $32/month average

MICHIGAN
BROADBAND
COOPERATIVE

www.mbcoop.org
info@mbcoop.org