

THE ROAD TO BROADBAND DEPLOYMENT

Connecting Our Communities

Deploying broadband to every community involves many business and financial considerations. Below are just a few of the many complexities and obstacles providers face on their road to connecting communities across our nation.

USTELECOM
THE BROADBAND ASSOCIATION

START

1

PLANNING

Technology to be deployed?

Cost?

Funding sources?

Supplies needed for deployment?

2

ENGINEERING

Design network &
create engineering
maps of areas for deployment



3

PERMITTING



Engineering team meets
with municipality

ALLOW
120+
DAYS

DETERMINE FIBER PLACEMENT

DIG OR
ATTACH?



— ACQUIRE ACCESS RIGHTS —

INFRASTRUCTURE

Railroad tracks

Highways

Bridges



PRIVATE PROPERTY

Landlord permissions

HOA rules

Wiring inside building

ACQUIRE
POLE
ATTACHMENT
RIGHTS



OBSTACLE

Insufficient capacity on
existing pole
Modify or build new pole

DELAY



ADD COST,
6+ WEEKS



OBSTACLE

HISTORIC DISTRICT
COBBLESTONE STREET

Number each brick & replace
exactly to get historic
preservation approval

CONSTRUCTION



Schedule construction with
state and/or local gov

OBSTACLE

Limits on underground
construction crews

ONLY 2 CREWS ALLOWED
TO WORK AT ONE TIME

OBSTACLE

TRENCHING & REPAVING

Homeowners don't
consent to trenching

DELAY



ADD MONEY & TIME
FOR REPAVING



ENVIRONMENTAL
REGULATIONS
Complete all state and
local requirements



ALLOW
1+ YEAR

ROADWORK
requires police presence

DELAY



ADD COST
\$\$\$



5

SET-UP
SUBSCRIBERS



Homeowners order service &
company schedules installation



CONNECT
YOUR
COMMUNITY!