

Hawaii Broadband Task Force Barriers to Broadband

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Today's Agenda

- Oceanic Time Warner Cable
- Goals
- Availability
- The Cable Network
- New Build Process
- Retrofits Build Process
- Considerations
- Example

Oceanic Time Warner Cable



- Established 1968
- 400,000+ Cable TV customers
- Capable of serving 590,000+ households on all islands of Hawaii
- Provide Voice, video and data services.

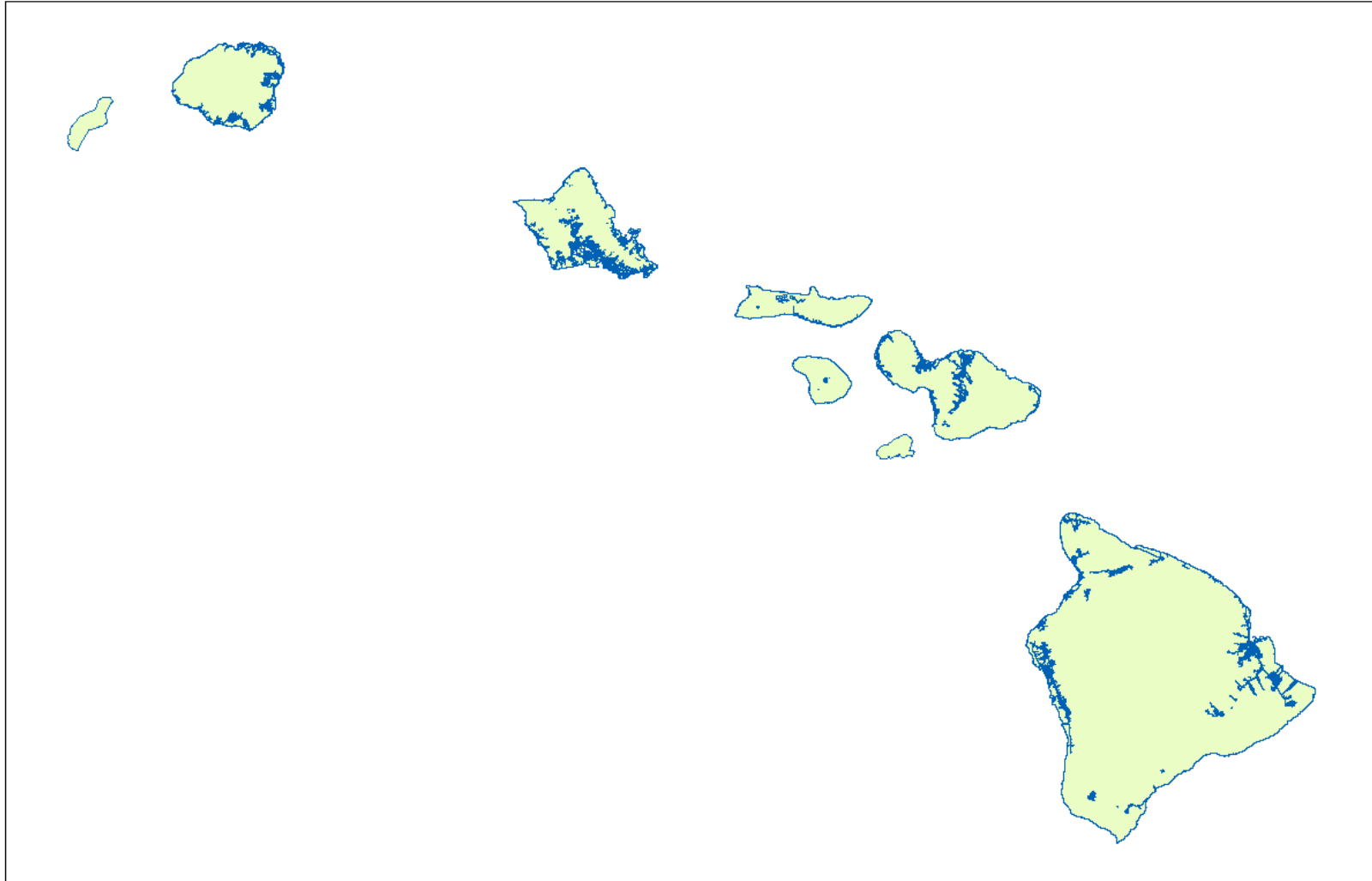
BBTF Goals

- BB available more places
 - Faster speeds up and down stream BB
 - Lower price for BB
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- 80/20
 - Faster cost more.
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- Competing goals. Which is more important?

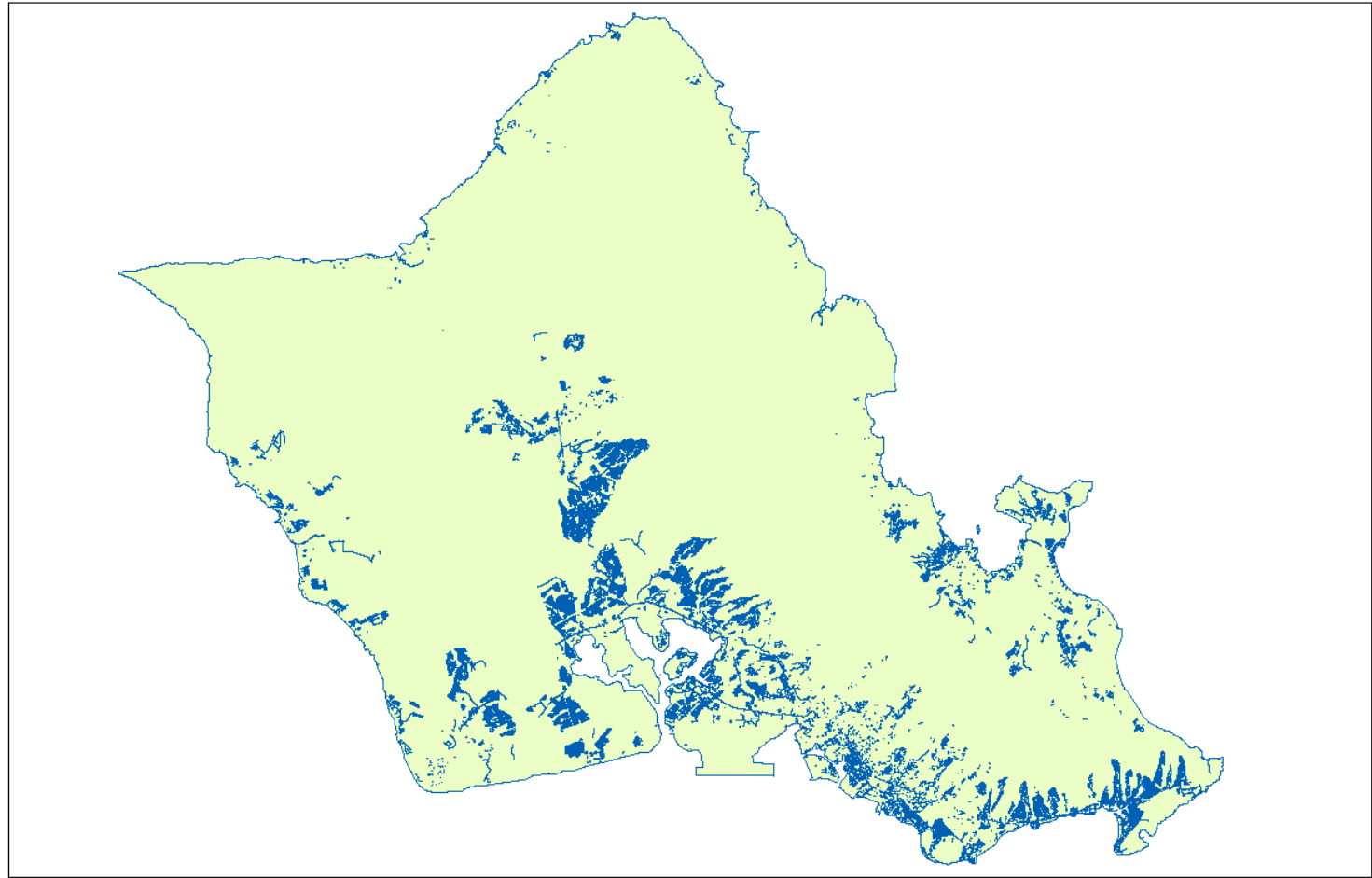
High Speed Data (HSD)

- Road Runner Launched Nov. 1997
- Multiple ISPs launched Nov. 2001 (AOL & EarthLink)
- 200,000+ residential HSD customer accounts
- 8,000+ commercial HSD customer accounts
- Download speeds up to 15mbps on RR
- RR Speed Zone hotspots

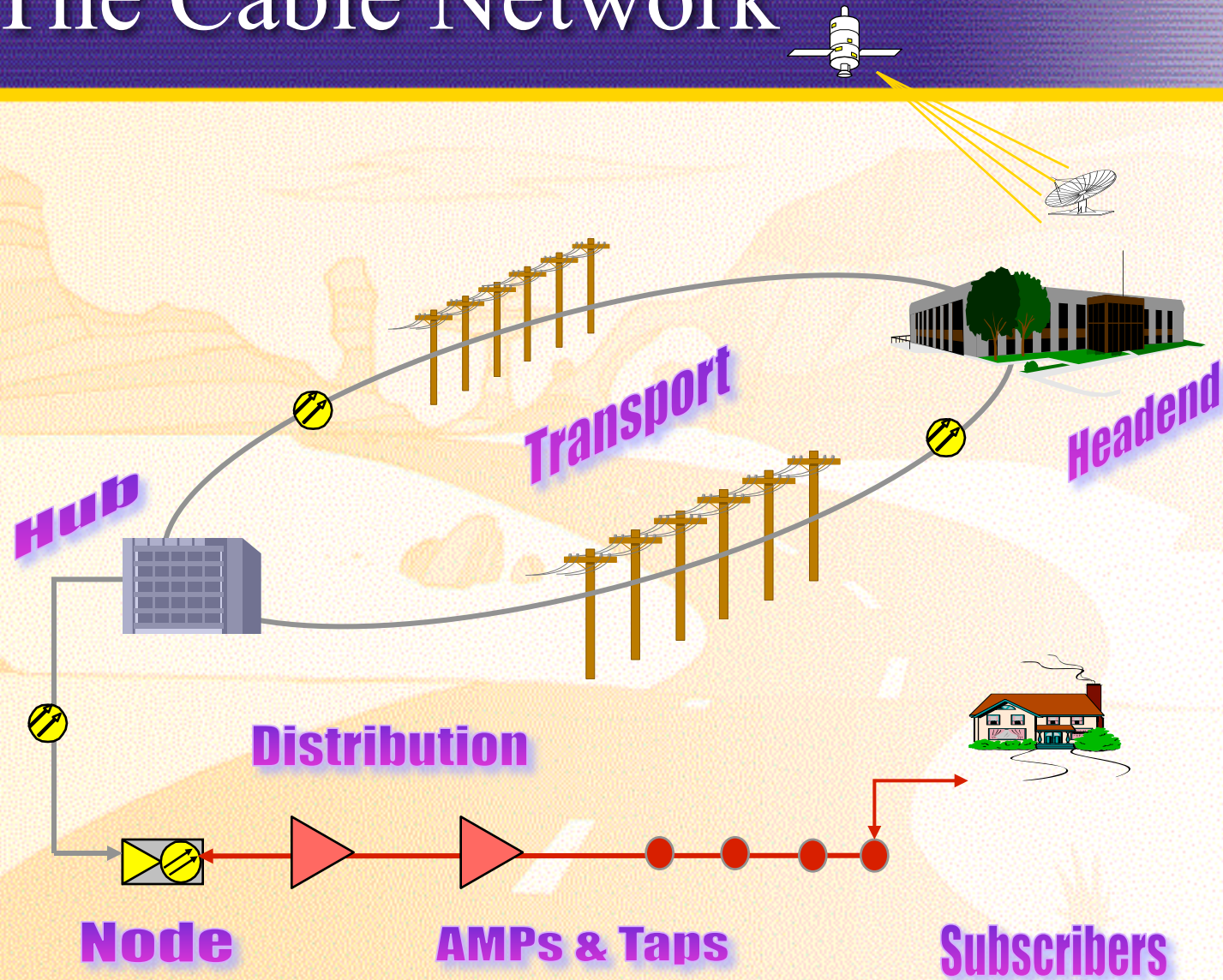
HSD Availability



HSD Availability



The Cable Network



New Build Process

- Developers are responsible in new builds for obtaining all necessary permits and approvals.
- Condos and MDU's also are responsible for obtaining all necessary permits and approvals.
- Contractors need to know the rules too.
- Low voltage permit required for cabling.

Retrofit Build Process

- Different rules for retrofits
- Changes need to upgrade to all current standards
- Need retrofit permits
- Permit payment needs to be cash/check

Considerations

- Keep things simpler – cheaper/faster
- Gov. - General interest not specific interest
- Corp. - Fair competition spawns technological innovation and investment.
- Advocate not regulate

We want to be part of the solution,
not the problem.



NOAH

In the year 2008, the Lord came unto Noah, who was now living in the United States and said:

Once again, the earth has become wicked and over-populated and I see the end of all flesh before me.



Build another Ark and
save two of every
living thing along with
a few good humans.

He gave Noah the
blueprints, saying: You
have 6 months to build
the Ark before I will
start the unending rain
for 40 days and 40
nights.



Six months later, the Lord looked down and saw Noah weeping in his yard - but no Ark.

“Noah! He roared, I'm about to start the rain! Where is the Ark?”

“Forgive me, Lord”, begged Noah, “but things have changed.”

“I needed a building permit.”



“I've been arguing with the inspector about the need for a sprinkler system.”



“My neighbors claim that I've violated the neighborhood zoning laws by building the Ark in my yard and exceeding the height limitations. We had to go to the Development Appeal Board for a decision.”

“Then the Department of Transportation demanded a bond be posted for the future costs of moving power lines and other overhead obstructions to clear the passage for the Ark’s move to the sea.

I told them that the sea would be coming to us, but they would hear nothing of it.”

“Getting the wood was another problem. There's a ban on cutting local trees in order to save the spotted owl.

I tried to convince the environmentalists that I needed the wood to save the owls - but no go!”

“When I started gathering the animals, an animal rights group sued me.

They insisted that I was confining wild animals against their will.

They argued the accommodations were too restrictive and it was cruel and inhumane to put so many animals in a confined space.”

“Then the EPA ruled that I couldn't build the Ark until they'd conducted an environmental impact study on your proposed flood.”



“I'm still trying to resolve a complaint with the Human Rights Commission on how many minorities I'm supposed to hire for my building crew.”

Immigration and Naturalization are
checking the green
-card status of most of the people
who want to work.



The trades unions say I can't use my
sons. They insist I have to
Hire only Union workers with Ark
-building experience.

To make matters worse, the IRS
seized all my assets, claiming
I'm trying to leave the country
illegally with endangered species.



So, forgive me, Lord, but it would take at least 10 years for me to finish this Ark.



Suddenly the skies cleared, the sun began to shine and a rainbow stretched across the sky.



Noah looked up in wonder and
asked,
“You mean you're not going to
destroy the world?”

**“No,” said the Lord.
‘Someone already beat me to it.’”**

