

District of Columbia Community Access Network



Broadband Opportunities in Ward 7 with DC-CAN

June 9, 2011

DC-CAN – Introductory Video

<http://vimeo.com/22054226>

What is Broadband?

Broadband

Adjective

A high data rate connection to the Internet

Benefits of Being Online

- ***For the community...***
 - Technology platform useful for attracting and retaining businesses
 - Faster access to government services
 - Online access to health care and services
- ***For residents...***
 - Distance learning opportunities
 - Career development – post resumes, search for jobs, apply online
 - Online banking and bill payment
 - Stay connected with family and friends
 - Express yourself through social media



Benefits of Being Online

- ***For businesses...***
 - Reach the global market place through web presence
 - Get better prices for supplies and wider selection range
 - Save time through online purchasing
 - Helps you recruit job seekers
- ***For nonprofits...***
 - Spread your message through website & social media to spread your message
 - Connect with volunteers
 - Network with other organizations and your target community

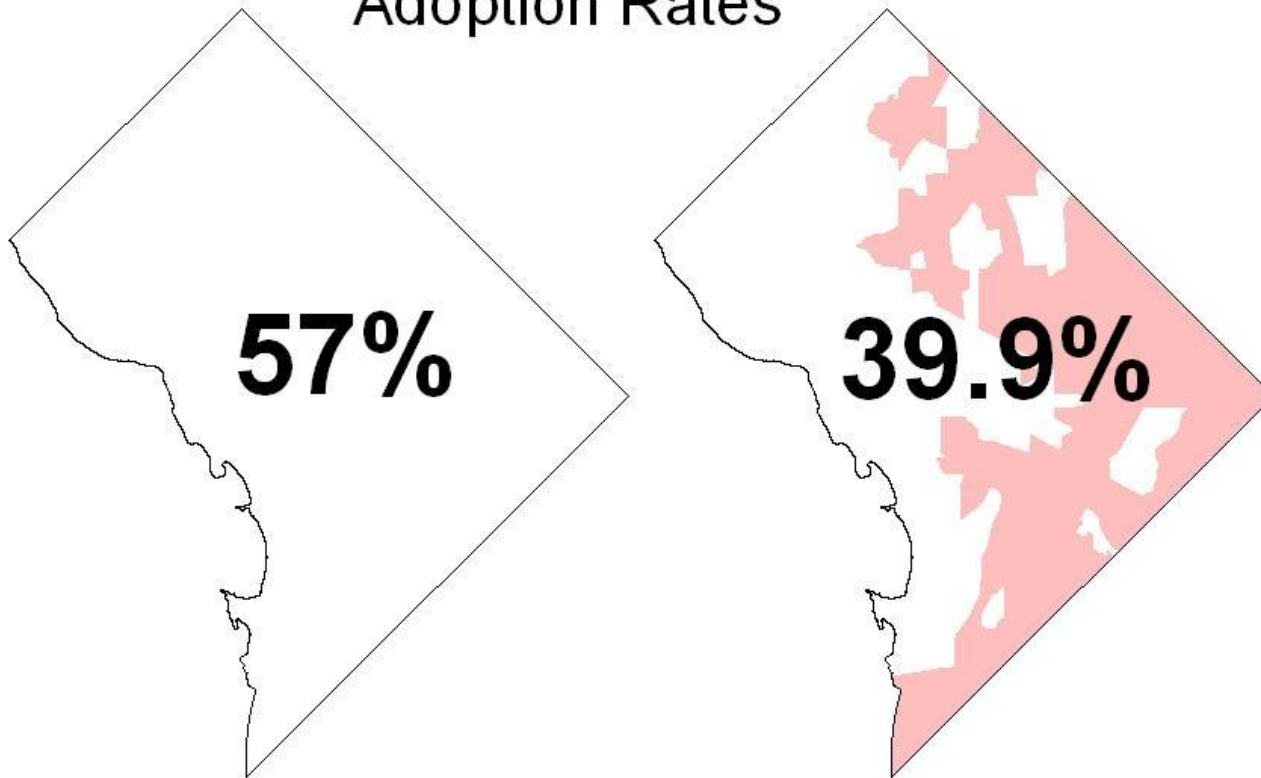


DC-CAN

- Broadband infrastructure project focusing primarily on Wards 5, 7 and 8 – underserved areas of the city
- Brings affordable broadband to over 250 community anchors
- Creates high-speed middle-mile open-access network for last mile service providers
- Spurs broadband adoption and economic development in underserved areas
- 3 year, \$25 million project to be complete by June 2013

Underserved Areas

Adoption Rates *



Entire District

Underserved Service Area

* Based on carrier provided data from PSC

For Community Anchors...

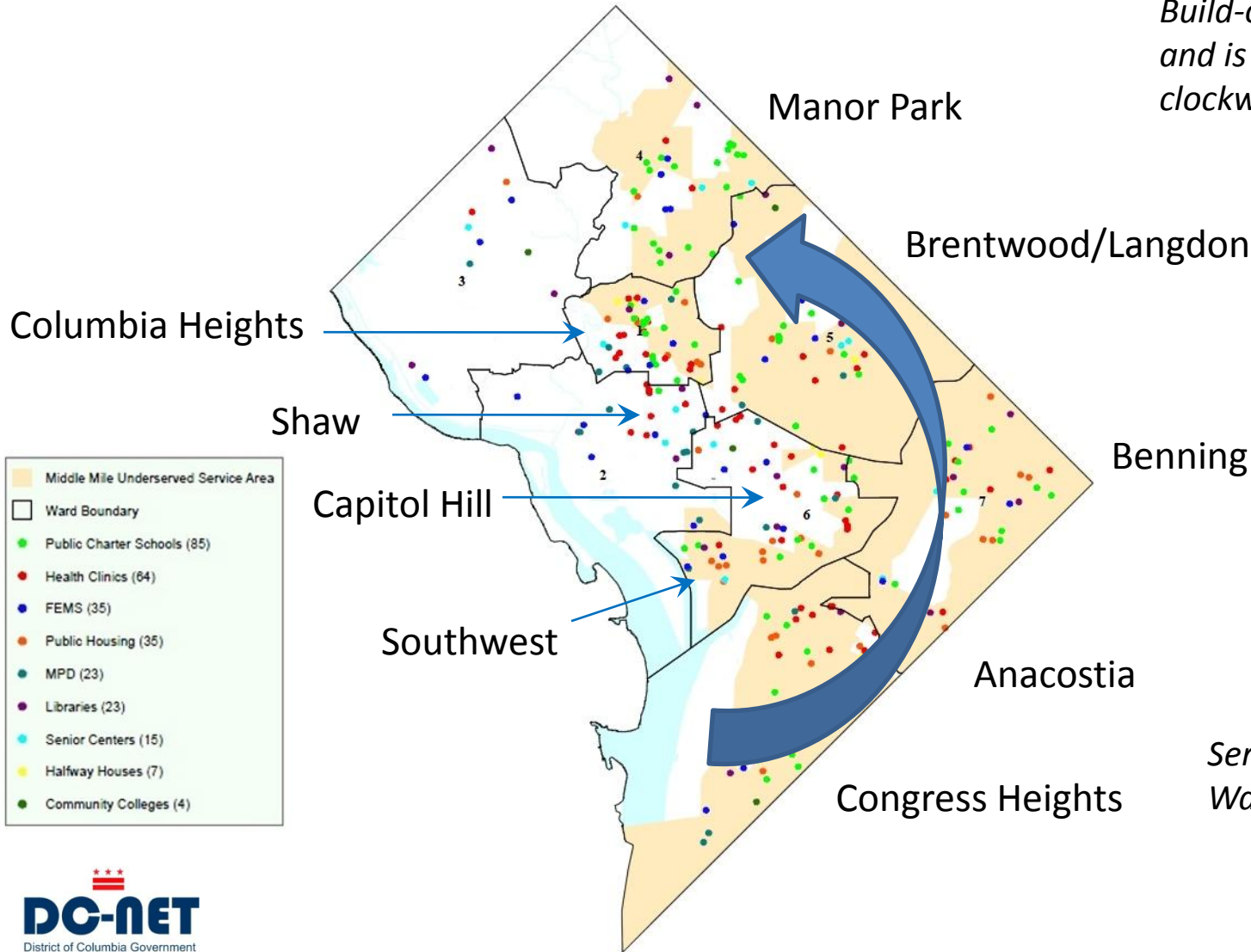
- DC-CAN brings broadband to over 250 community anchor institutions, including:
 - Health Clinics
 - Senior Wellness Centers
 - Public Charter Schools
 - CCDC and UDC campuses
 - Early Childhood Learning Centers
 - Community Service Centers
 - Public Housing Locations
- Upgrades public libraries, FEMS and MPD stations
- Covers cost of capital build out to sites

Community Anchor Services

- Internet Access – 10 Mbps to 1 Gbps symmetrical
- Data Transport – 10 Mbps to 10 Gbps
- Voice services
 - VoIP
 - Web conferencing services
- Wireless LAN access for voice, data, and video services
- Video conferencing, streaming, and recording

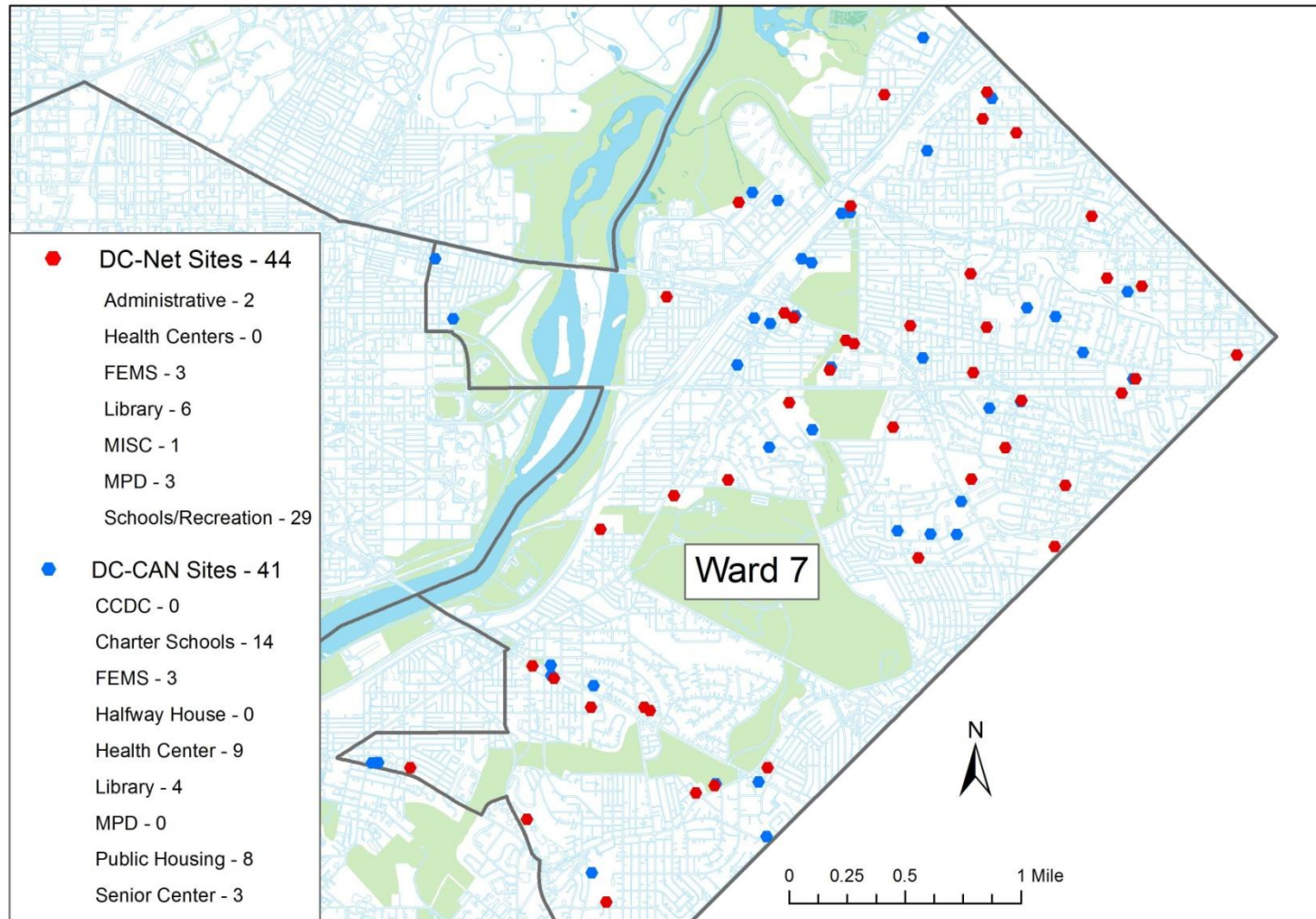
Community Anchor Build Out

Build-out started in Ward 8 and is proceeding counter-clockwise



Services available in Ward 8 as of June 2011

DC-CAN and DC-Net Sites – Ward 7



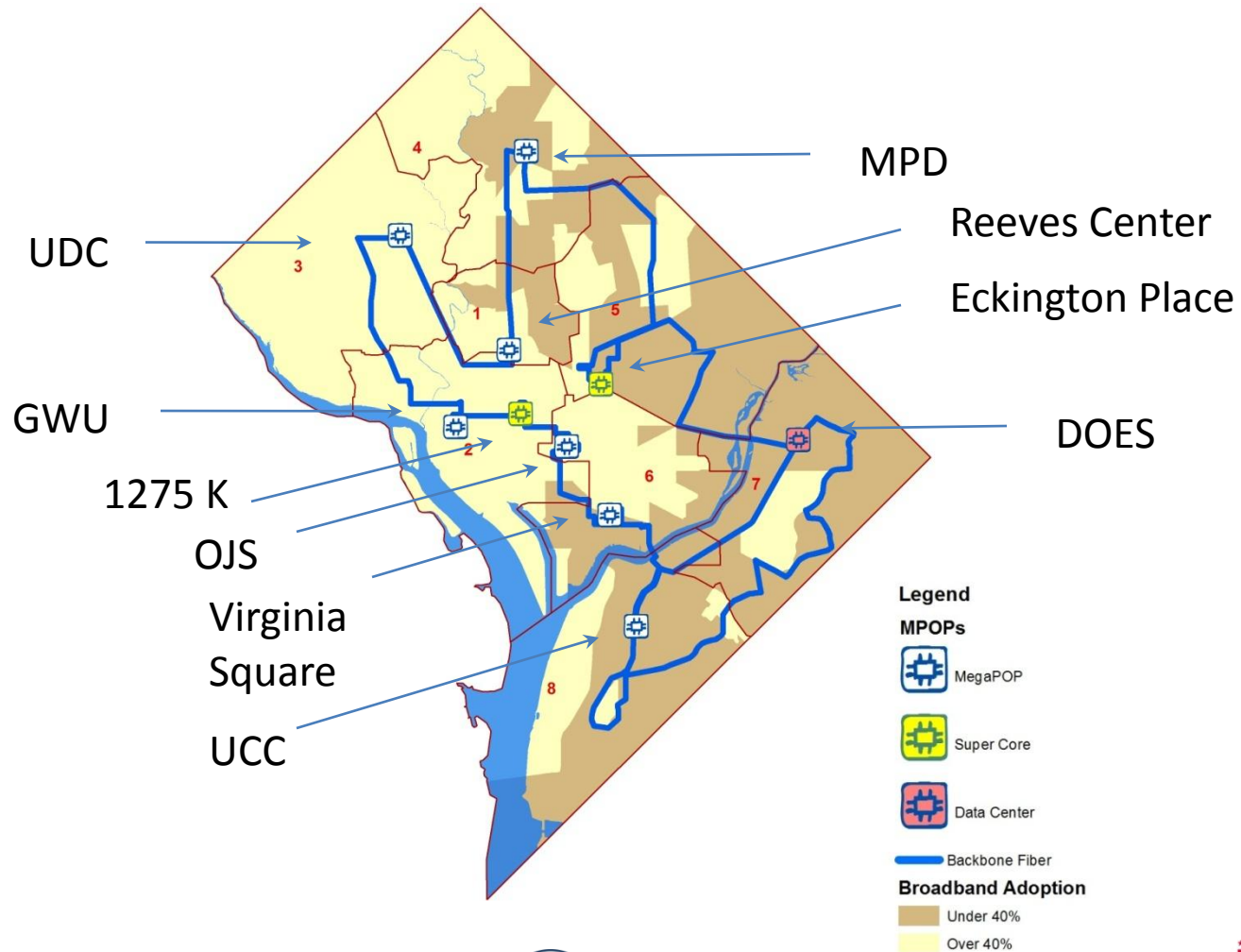
Community Anchor Build Out

Neighborhood Loop	CAI Service Availability Date
Anacostia	Late Spring 2011
Congress Heights	Summer 2011
Benning	Fall 2011
Brentwood/Langdon	Early Winter 2012
Manor Park	TBA
Columbia Heights	TBA
Shaw	TBA
Capitol Hill	TBA
Southwest	TBA

For Service Providers...

- DC-CAN provides wholesale middle-mile broadband services over fiber optic infrastructure
 - In-kind support for build out in underserved areas
- Network open to any qualified service provider in the District
- Does not fund last mile build out or other startup costs

DC-CAN Connection Points



Next Steps

- Spread the word – inform community anchors in your area about DC-CAN services
- Check the DC-CAN website for service availability and information:

www.dcnet.dc.gov/dc-can

Contact Information

- **Web:** www.dcnet.dc.gov/dc-can
- **Email:** dccan@dc.gov
- **Sales Support:** dcnetbu@dc.gov