



# Rural Broadband Task Force

Nanjemoy/Cobb Neck Broadband Buildout Project

Deborah E. Hall, CPA, Deputy County Administrator

Evelyn Jacobson, Chief of Information Technology

Matt J. Jacobson, Network Specialist III

Gina Markovich, Assistant Property Acquisition Manager

# Rural Broadband Task Force

## Members

- ▶ Deborah Hall and Erica Rizor, County Administrator's Office
- ▶ Evelyn Jacobson, Matt Jacobson & Alexa Steen, Information Technology
- ▶ Renesha Miles, Chief Equity Officer
- ▶ Jeffrey Clements, Department of Emergency Services
- ▶ Marcia Keeth and Michelle DeSoto, Economic Development Department
- ▶ Gina Markovich, Department of Planning & Growth Management
- ▶ Steve Andritz, Charles County Board of Education
- ▶ Thomas Dennison, SMECO
- ▶ Kevin Warring, District 1 Resident
- ▶ Katie Stickle, District 2 Resident

# NCN Broadband Buildout

## Fiber Delivery

- ▶ The first order of fiber-optic cable was delivered to Charles County mid-February.



# NCN Broadband Buildout

## Pole Surveys

- ▶ Specialized pole measuring equipment received in late February
- ▶ New, state-of-the-art technology
- ▶ Surveys are being conducted in both Nanjemoy and Cobb Neck



# NCN Broadband Buildout

## Road Markups

- ▶ TBN has begun placing road markups in both project areas.
- ▶ Road markups indicate where future fiber will be installed.



# NCN Broadband Buildout

## Project Plan - Big Picture

		Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	% Comp	
1		➡	▷ Charles County Pre Planning	70.4 day	Mon 1/4/21	Wed 5/5/21			35%	
10	✓	➡	▷ Phase 1 Nanjemoy Surveys	30.6 day	Mon 1/4/21	Wed 2/24/21			100%	
44		➡	▷ Phase 1 Cobb Neck Surveys	33.8 day	Mon 1/4/21	Tue 3/2/21			60%	
63		➡	▷ Phase 1 Nanjemoy Engineering	57.8 day	Mon 1/4/21	Tue 4/13/21			56%	
130		➡	▷ Phase 1 Cobb Neck Engineering	70.6 day	Mon 1/4/21	Wed 5/5/21			72%	
168		➡	▷ Phase 1 Nanjemoy Permits	137.8 day	Mon 1/4/21	Tue 8/31/21			9%	
223		➡	▷ Phase 1 Cobb Neck Permits	137.8 day	Mon 1/4/21	Tue 8/31/21			0%	
255		➡	▷ Phase 1 Nanjemoy Material Order	97.8 day	Mon 3/29/21	Tue 9/14/21			35%	
371		➡	▷ Phase 1 Cobb Neck Material Order	103.4 day	Mon 3/29/21	Thu 9/23/21			36%	
430		➡	▷ Phase 1 Nanjemoy Construction	163.4 day	Tue 3/30/21	Fri 1/7/22			0%	
556		➡	▷ Phase 1 Cobb Neck Construction	87 days	Wed 5/12/21	Mon 10/11/21			0%	
620	✓	➡	▷ Phase 2 Nanjemoy Surveys	40.2 day	Mon 1/4/21	Fri 3/12/21			100%	
651		➡	▷ Phase 2 Cobb Neck Surveys	44.2 day	Mon 1/4/21	Fri 3/19/21			99%	
667		➡	▷ Phase 2 Nanjemoy Engineering	58.6 day	Tue 3/2/21	Thu 6/10/21			0%	
725	➡	➡	▷ Phase 2 Cobb Neck Engineering	44.8 day	Wed 4/7/21	Wed 6/23/21			0%	
755		➡	▷ Phase 2 Nanjemoy Permits	134.6 day	Mon 1/4/21	Wed 8/25/21			0%	
809	➡	➡	▷ Phase 2 Cobb Neck Permits	155.4 day	Mon 1/4/21	Thu 9/30/21			10%	
835		➡	▷ Phase 2 Nanjemoy Material Order	73 days?	Mon 12/13/21	Tue 4/19/22			18%	
930	➡	➡	▷ Phase 2 Cobb Neck Material Order	49 days	Mon 8/2/21	Mon 10/25/21			19%	
974	➡	➡	▷ Phase 2 Nanjemoy Construction	187.4 day	Mon 1/10/22	Wed 11/30/22			0%	
1083	➡	➡	▷ Phase 2 Cobb Neck Construction	63.4 day	Thu 8/19/21	Tue 12/7/21			0%	
1135	➡	➡	▷ Phase 3 Nanjemoy Surveys	79.5 day	Mon 2/8/21	Fri 6/25/21	651		42%	
1207	➡	➡	▷ Phase 3 Cobb Neck Surveys	18 days	Fri 6/25/21	Tue 7/27/21	1135		61%	
1238	➡	➡	▷ Phase 3 Nanjemoy Engineering	89.8 day	Mon 4/5/21	Tue 9/7/21			0%	
1355	➡	➡	▷ Phase 3 Cobb Neck Engineering	24.2 day	Tue 4/27/21	Mon 6/7/21			0%	
1404	➡	➡	▷ Phase 3 Nanjamoy Permits	100.2 day	Mon 1/3/22	Fri 6/24/22			0%	
1499	➡	➡	▷ Phase 3 Cobb Neck Permits	129 days	Wed 4/14/21	Wed 11/24/21			0%	
1540	➡	➡	▷ Phase 3 Nanjamoy Material Order	66.6 day	Mon 5/2/22	Tue 8/23/22			0%	
1670	➡	➡	▷ Phase 3 Cobb Neck Material Order	49.8 day	Mon 9/27/21	Tue 12/21/21			0%	
1725	➡	➡	▷ Phase 3 Nanjamoy Construction	165 days	Thu 5/26/22	Wed 3/8/23			0%	
1909	➡	➡	▷ Phase 3 Cobb Neck Construction	93.8 day	Tue 12/7/21	Wed 5/18/22			0%	

# NCN Broadband Buildout

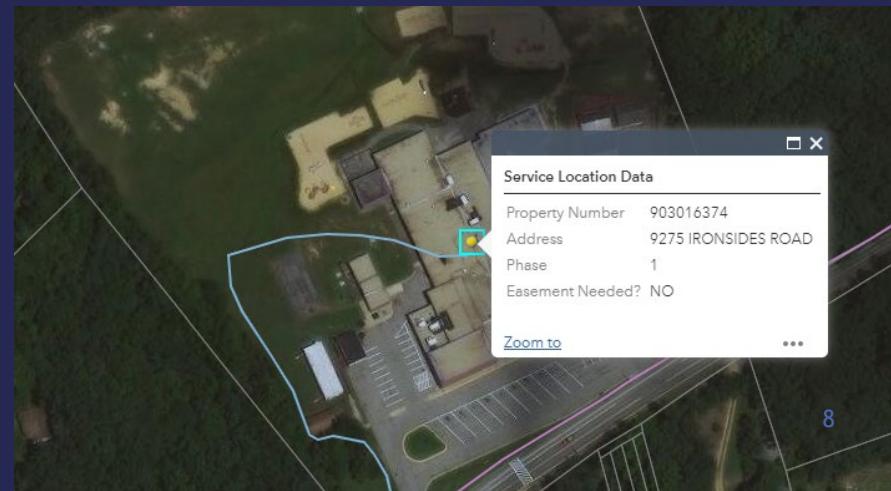
## Project Plan - Detailed

10	✓	Phase 1 Nanjemoy Surveys	30.6 day	Mon 1/4/21	Wed 2/24/21			100%
11	✓	Sequence 3 Segment 101	0 days	Mon 1/4/21	Mon 1/4/21			100%
12	✓	Sequence 4 Segment 299	0 days	Mon 1/4/21	Mon 1/4/21			100%
13	✓	Sequence 5 Segment 499	1 day	Mon 2/15/21	Tue 2/16/21			100%
15	✓	Sequence 6 Segment 204	0 days	Mon 1/4/21	Mon 1/4/21			100%
16	✓	Sequence 7 Segment 205	0 days	Mon 1/4/21	Mon 1/4/21			100%
17	✓	Sequence 8 Segment 401	2 days	Mon 2/15/21	Wed 2/17/21			100%
18	✓	pole line survey	2 days	Mon 2/15/21	Wed 2/17/21			100%
19	✓	Sequence 9 Segment 402	1 day	Wed 2/17/21	Thu 2/18/21			100%
20	✓	pole line survey	1 day	Wed 2/17/21	Thu 2/18/21	17		100%
21	✓	Sequence 10 Segment 314	0 days	Mon 1/4/21	Mon 1/4/21			100%
63		Phase 1 Nanjemoy Engineering	57.8 day	Mon 1/4/21	Tue 4/13/21			56%
64	✓	Sequence 3 Segment 101	34.1 day	Wed 1/6/21	Mon 3/8/21			100%
67	✓	Sequence 4 Segment 299	19.75 day	Thu 1/7/21	Thu 2/11/21			75%
69		Sequence 5 Segment 499	19.4 day	Mon 1/11/21	Fri 2/12/21			75%
71		Sequence 6 Segment 204	34.1 day	Tue 1/12/21	Thu 3/11/21			19%
74		Sequence 7 Segment 205	36.1 day	Wed 1/13/21	Wed 3/17/21			19%
77		Sequence 8 Segment 401	22 days	Thu 1/14/21	Tue 2/23/21			86%
78	📅	GIS Mapping	1 day	Thu 1/14/21	Tue 2/16/21	75		75%
79		Pole line application package	3 days	Wed 2/17/21	Tue 2/23/21	78,18		90%
80		Sequence 9 Segment 402	23 days	Mon 1/18/21	Thu 2/25/21			85%
81	📅	GIS Mapping	1 day	Mon 1/18/21	Wed 2/17/21	78		75%
82		Pole line application package	2 days	Tue 2/23/21	Thu 2/25/21	20,81,79		90%
83		Sequence 10 Segment 314	38.1 day	Tue 1/19/21	Thu 3/25/21			17%
84	✓	GIS Mapping	1 day	Tue 1/19/21	Thu 2/18/21	81		100%
85		CAD Engineering package	5 days	Wed 3/17/21	Thu 3/25/21	84,76		0%

# NCN Broadband Buildout

## Interactive Map [\(link\)](#)

- ▶ Displays the current status of the project
- ▶ Residents can search for their address to see information specific to their property
  - ▶ Project phase
  - ▶ Easement needed
- ▶ Instructional video being developed



# NCN Broadband Buildout

## County Website ([link](#))

- ▶ Weekly status updates
- ▶ Photos from work in both areas
- ▶ Searchable project address list ([link](#))

**Nanjemoy/Cobb Neck Broadband Buildout Project - Address List**

To search for your address, please enter your search term on the filter line below the appropriate heading.

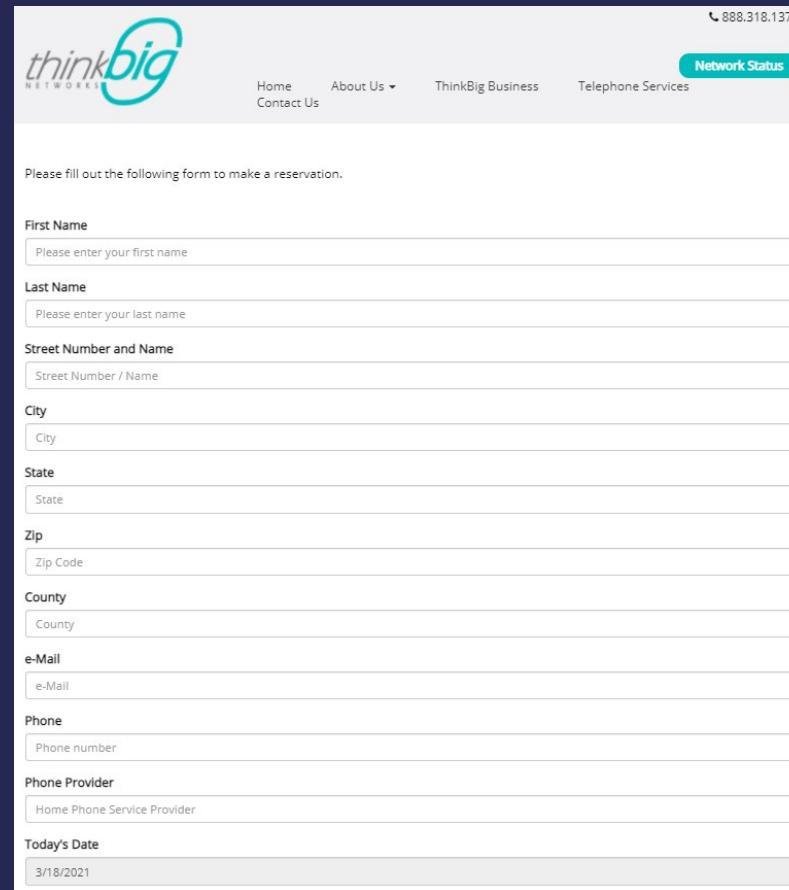
Property Number	Address	City	Phase	Easement Needed?
02000873	8435 DURHAM CHURCH RD	LA PLATA	1	YES
02000881	8475 DURHAM CHURCH RD	LA PLATA	1	YES
02001497	8730 IRONSIDES RD	NANJEMOY	1	
02001861	6395 PORT TOBACCO RD	WELCOME	1	
02002566	4980 HILDRETH PL	LA PLATA	1	YES
02002574	4995 HILDRETH PL	LA PLATA	1	YES
02002639	8575 DURHAM CHURCH RD	LA PLATA	1	YES
02003244	8525 DURHAM CHURCH RD	LA PLATA	1	YES
02003295	8540 DURHAM CHURCH RD	LA PLATA	1	YES
02003317	5038 MICKLUS PL	LA PLATA	1	YES

10 rows ▾ | < < 1-10 of 1408 > > |

# NCN Broadband Buildout

## ThinkBig Website ([link](#))

- ▶ Project information with additional technical details
- ▶ Customer reservation form
  - ▶ Residents in the build areas - **especially those located in Phase 1 segments** - should submit their interest in acquiring service.
  - ▶ TBN is also accepting reservations from residents outside of the build area to garner interest for future construction.



The screenshot shows a web form for making a broadband reservation. The form is titled "Please fill out the following form to make a reservation." and includes the following fields:

- First Name: "Please enter your first name" (input field)
- Last Name: "Please enter your last name" (input field)
- Street Number and Name: "Street Number / Name" (input field)
- City: "City" (input field)
- State: "State" (input field)
- Zip: "Zip Code" (input field)
- County: "County" (input field)
- e-Mail: "e-Mail" (input field)
- Phone: "Phone number" (input field)
- Phone Provider: "Home Phone Service Provider" (input field)
- Today's Date: "3/18/2021" (input field)

At the top of the page, there is a navigation bar with links: Home, About Us, Contact Us, ThinkBig Business, Telephone Services, and a Network Status button. A phone number (888.318.1372) is also displayed at the top right.

# NCN Broadband Buildout

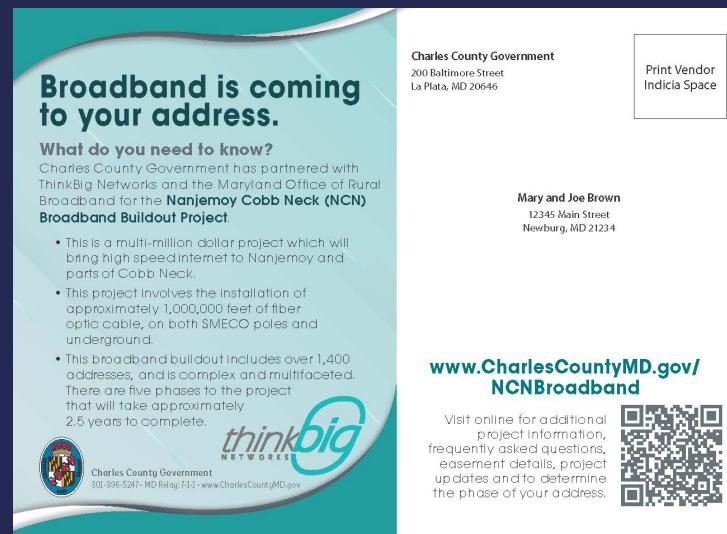
## Easements

- ▶ Residents can see if they will need to provide an easement by checking the project address list on the website.
- ▶ An easement will grant TBN access to the property, but does NOT grant ownership.
- ▶ TBN will begin requesting easements for priority Phase 1 properties very soon.
  - ▶ Door-to-door visits to applicable residents, which typically has the most success.
  - ▶ Provides an opportunity for residents to meet TBN and ask questions directly.
  - ▶ TBN will be following all CDC requirements, including wearing masks and maintaining physical distance.
  - ▶ TBN will have Charles County Government contractor badges to identify themselves.

# NCN Broadband Buildout

## Postcards

- ▶ Sent by Charles County late February and by ThinkBig early March.
- ▶ Mailed to all property addresses affected by the project.



# NCN Broadband Buildout

## Next Steps

- ▶ The County and TBN project teams will continue to meet weekly.
- ▶ Media Services is working with the Task Force on a new podcast episode about the NCN project that will feature TBN.
- ▶ TBN has acquired a permit with the State Highway Administration (SHA) for the first segment of construction. They will continue to work with SHA throughout the project.
- ▶ Formal groundbreaking ceremony to be scheduled this spring.

# Questions / Comments



**Charles County Government**  
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[www.CharlesCountyMD.gov](http://www.CharlesCountyMD.gov)



### **About Charles County Government**

The mission of Charles County Government is to provide our citizens the highest quality service possible in a timely, efficient and courteous manner. To achieve this goal, our government must be operated in an open and accessible atmosphere, be based on comprehensive long- and short-term planning and have an appropriate managerial organization tempered by fiscal responsibility. We support and encourage efforts to grow a diverse workplace. Charles County is a place where all people thrive and businesses grow and prosper; where the preservation of our heritage and environment is paramount; where government services to its citizens are provided at the highest level of excellence; and where the quality of life is the best in the nation.

It is the policy of Charles County to provide equal employment opportunity to all persons regardless of race, color, sex, age, national origin, religious or political affiliation or opinion, disability, marital status, sexual orientation, genetic information, gender identity or expression, or any other status protected by law.