



Franklin County

A Natural Setting for Opportunity

AGENDA

FRANKLIN COUNTY BROADBAND AUTHORITY

TUESDAY, DECEMBER 15, 2020

- 12:00 Call to Order, Chairman Mitchell
- 12:01 Approval of Broadband Authority Minutes
- 12:05 **Fiber Project Updates - Steven Sandy, Assistant County Administrator**
- 12:20 **Blue Ridge Towers/Brisnet Project Update– Anthony Smith, Blue Ridge Towers**
- 1:10 **Discussion/Approval of BRT/Brisnet PPEA Contract Change Orders**
- 1:20 **Comments by Authority Members**

Recess until 1:30 PM for Board of Supervisors Meeting

	A	B	C	D	E	F	G	H
1	FRANKLIN COUNTY BROADBAND MONTHLY REPORT							
2	FIXED WIRELESS-- December 3, 2020							
3								
4	SITE		PHASE	STATUS		COMMENTS		NEXT STEPS
5	BURNT CHIMNEY		1	MS 4 zoning submitted for admin zoning approval and building permit. Took Physical Inventory of antennas for structural. Updated structural submitted to county BP dept 11/19		County Zoning and Building permit application submitted 10/16/2020. Need to update structural. Inventory on 11/10/2020 completed. Complete BP application, waiting on approval		Building permit applications in Review. Fiber easement full execution for MBC fiber? Easement on dec 15 Public hearing
6	CALLAWAY		1	MS 17 (CD) completed after review. Tribal adverse effort letter/response drafted. Additional report/process needs change order approval for this additional work (change order submitted for this additional tribal response work\$3500 for first step of Mitigation)		CD completed and submitted, Tribal adverse effect letter submitted. Mitigation steps next to get NEPA/SHPO approval (approve change order and proceed with mitigation/responses)		Adverse letter summary submitted, mitigation steps next, including workingout a solution with Pumankey Tribe. (In the works)

	A	B	C	D	E	F	G	H
7	FORK MTN		1	MS 17 CD completed. Walked site with MBC fiber. Plat completed for access and easement agreement drafted, with landlord for review and signature. Redrafted lease, with landlord for execution (no change on nov 12) Easement signed on 11/24		MBC pulling fiber/new handhole to Fork Mtn via order placed by Shentel. Walked site with MBC 10/27. design completed. MBC easement forthcoming for two over head poles to the tower (waiting on MBC easement paperwork) In final draft/design by MBC. Fiber delivery date is Dec 24 per MBC back to Shentel		Review CD and apply for zoning once easement is worked out (same status as last week) If Cares Act does not make the Dec 30 deadline, we kept the MW on VATI as a backup
8	GLADE HILL		1	Milestones 1,2, 3, 6 all completed. MS8 &9 in process. MS17 (CD) received 10/7. In review. Zoning submitted 10/30/20 (no change in Status, waiting on zoning date once CBRS antenna issue is all approved through VATI and county. Set Zoning hearing date for Dec?		No issues. Geotech in review for foundation design 10/21/20. with tower co for foundation design		MS4 Zoning submittal next. Set Zoning public hearing date after use of CBRS antennas are approved. Public hearing in Dec?
9	GRASSY HILL		1	MS 4 zoning submitted for admin zoning approval and building permit. CD revised and resubmitted along with updated structural letter (no change)		obtained Town of Rocky Mount's approval to collocate, Zoning & Building permit application submitted 10/16/2020 (no change)		MS5 Zoning. Waiting on BP approval next

	A	B	C	D	E	F	G	H
10	HENRY		1	MS3 survey completed due to location move and ingress/egress easement also specified within the survey. CD completed. Lease is executed by landlord, fully execution next.		Lease redrafted, survey updated with ingress/egress. Signature from landlord next. Will submit for zoning approval next		MS4 Zoning submittal next. Administrative review
11	SCRUGGS		1	MS 4 zoning submitted for admin zoning approval and building permit. Resubmitted CD and structural letter (no change)		County Zoning and Building permit application submitted 10/16/2020. waiting on BP or at least electrical permit		Fiber design by Shentel completed. Shentel released fiber job. Shentel fiber complete with handhole on outside left of gate. Power and conduit next week
12	SNOW CREEK		1	Milestones 1,2, 3, 6, 8 all completed. MS9 in process. MS17 (CD) completed 10/17/. Application completed, submission upon CBRS antenna approval letter with VATI. Submitted for review 11/25/2020, In E&S dept		Geotech in for foundation design. With tower co for foundation design		Will Submit upon foundation design completion and bond paperwork Submitted for BP on 11/25
13	SONTAG		1	Milestones 1,2, 3, 6, 8 all completed. MS9 in process. MS17 (CD) completed 10/20. Submitting for zoning, application all completed, awaiting bond (no change)		VDOT approved on existing entrance. Geotech in for foundation design. (no change)		Will Submit upon foundation design completion and bond paperwork.
14	SUMMIT VIEW		1	Milestones 1,2, 3, 6 all completed. Power and fiber orderd.MS17 (CD) in review 10/21. CD review completed. MBC fiber easement paperwork submitted 11-9 for signature. Signed, BP application next, just waiting on structural opinion letter		ordered power and fiber already. Fiber will be 3 weeks out, 11/30 now ETA. (no change)		MBC fiber easement to be signed?

	A	B	C	D	E	F	G	H
15	TOM'S KNOB		1	MS 4 zoning submitted for admin zoning approval and building permit. Resubmitted revised CD. Tower inventoried, Structural will be complete on 11-15. Passing Structural submitted		County Zoning and Building permit application submitted 10/16/2020. updated structural on 11-15. Structural Submitted on 11/17		MSS Zoning.BP approval from county next
16	WESTLAKE		1	Milestones 1,2, 3, 6 all completed. MS8 &9 in process (Phase 1 and NEPA/SHPO in the works. MS17 CD done. New Photosims and SHPO submission pkg to be submitted to local NPS (Robin) for local approval first. (conference call with FCC Done)		Conference call with NPS on approval status (same)		All tasks completed, waiting on NPS approval (no change)

Shentel Fiber Project Updates
December 4, 2020

Windy Gap	Start	Finish	Duration	Status	Comments
Contract Engineering	8/7/2019	10/4/2019	58	Completed	Contractor Walkout completed.
Permitting					
VDOT	12/2/2019	1/7/2020	36	Completed	Permit Approved.
AEP	10/28/2019			In Progress	10/23/20 - Verizon completed their work on the AEP owned poles on 10/21. Shentel has been released to attach to the AEP owned poles. 8/28/20 - Shentel an invoice from
Verizon	1/17/2020	3/18/2020	61	Completed	10/9/20 - Per Verizon, their line crew is making this their top priority to complete and will not stop working on it unless they are pulled off on an emergency. 9/11/20 - Verizon has
Drafting					
Preliminary draft	10/4/2019	1/17/2020	105	Completed	1/17/20 - Preliminary draft is almost complete. 1/10/20 - Preliminary design is being drafted. Tentative 3rd week of January.
Field review	1/17/2020	1/22/2020	5	Completed	
Final draft	1/22/2020	2/20/2020	29	Completed	2/28/20 - Final draft completed on 2/20. 1/31/20 - Anticipating to have the final draft completed by 2/7.
Construction Release					
Construction	1/14/2020			In Progress	12/4/20 - Construction is actively being worked on. 11/13/20 - Aerial construction will start 11/23 and is anticipated on being completed by 2/30/2021. 10/23/20 - Aerial portion of
Splicing and Testing					
Customer Activation					12/4/20 - A total of 31 customers have been pre-sold.
Walnut Run					
Contract Engineering	8/15/2019	10/24/2019	70	Completed	Contractor Walkout completed
Permitting					
VDOT	12/2/2019	2/10/2020	70	Completed	2/14/20 - Approved VDOT permit was received on 2/10. 1/31/2020 - Revised plans for the VDOT permit were sent to Lisa Lewis for review via email on 1/30. Shentel will take over
AEP	10/28/2019	6/3/2020	219	Completed	6/5/2020 - All aerial permit have been cleared from AEP. 5/22/20 - Pending AEP's completion of their make ready. 5/8/20 - AEP is forecasting on having their make ready
Verizon	11/17/2019	1/27/2020	71	Completed	1/31/20 - Approved Verizon pole permit received on 1/27. 1/17/20 - Pending Verizon's approved permit. Verizon needed a copy of Shentel's COI before processes the permit.
Drafting					

**Shentel Fiber Project Updates
December 4, 2020**

Preliminary draft	10/25/2019	1/13/2020	80	Completed	Preliminary design is being drafted. Tentative 3rd week of January.
Field review	1/13/2020	1/15/2020	2	Completed	1/15/2020 - Field review has been completed. Minor changes needed to be made to the design.
Final draft	1/15/2020	2/17/2020	33	Completed	2/28/20 - All revisions have been completed and final design has been approved. 2/14/20 - Minor revisions were discovered during the stake out and have been submitted to the
Construction Release					
Construction	2/26/2020	7/24/2020	149	Completed	7/31/20 - Construction has completed placing the lines underground and aerially. 7/17/20 - Construction continues on the underground and aerial portions of the project.
Splicing and Testing	7/24/2020	8/21/2020	28	Completed	8/17/20 - Construction is working on splice testing and anticipates on having everything completed by 8/21. 7/31/20 - Construction is working completing the splicing and
Customer Activation	8/21/2020	12/2/2020	103	Completed	12/4/20 - As of 12/2 all 85 customers have been installed. 9/23/20 - Total of 85 homes
Burnt Chimney	Start	Finish	Duration	Status	Comments
Contract Engineering	8/26/2019	10/22/2019	57	Completed	Contractor Walkout completed.
Permitting					
VDOT	12/4/2019	3/13/2020	100	Completed	3/27/20 - Approved VDOT permit was received on 3/13. 3/13/20 - VDOT asked for 1 more revision and then the permit will be approved. Final revision was sent to VDOT on 2/28/20 - Approved CenturyLink permit received on 2/14. 2/14/20 - Pole analysis has been completed and we are pending approval to attach to the poles. Shentel should have
CenturyLink	11/5/2019	2/14/2020	101	Completed	12/4/20 - Followed up with AEP on 12/2, pending response from them on when we will be receive permit approvals. 11/13/20 - AEP has completed their work on the poles. Should
AEP	10/30/2019			In Progress	1/28/20 - Approved VMRC permit received. 1/17/20 - Signed VMRC agreement and check were sent back to the VMRC on 1/16. Should have the approved permit back in 2
VMRC	12/9/2019	1/28/2020	50	Completed	
Drafting					
Preliminary draft	10/23/2019	1/23/2020	92	Completed	1/17/20 - Preliminary design is being drafted. Tentative 3rd week of January.
Field review	1/23/2020	2/27/2020	35	Completed	2/28 - Field review has been completed. 1/31/20 - Anticipating to have the field review complete by 2/5.
Final draft	2/28/2020	3/5/2020	6	Completed	3/13/20 - Final draft has been completed. 2/28 - Final draft is underway.
Construction Release					
Construction					
Splicing and Testing					
Customer Activation					

Shentel Fiber Project Updates
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Old Ferrum	Start	Finish	Duration	Status	Comments
Construction Release				Completed	
Construction				Completed	
Splicing and Testing				Completed	
Customer Activation				Completed	2/18/2020 - invoices submitted to Franklin Co. Take Rate was 5 customers. Larry Hubbard is working on final details for submission.
Old Salem School Road	Start	Finish	Duration	Status	Comments
Contract Engineering	2/14/2020	5/29/2020	105	Completed	5/29/2020 - Contract engineering is completed. 5/8/20 - Drawings have been finalized, minus VDOT ROW widths, and are being sent over to Shentel's design and drafting
Permitting					
VDOT	5/21/2020	7/11/2020	51	Completed	8/11/20 - Approved VDOT permit received. 7/31/20 - Finalized VDOT permit was submitted on 7/23. Pending a response back from VDOT. 7/17/20 - Shentel is reviewing
AEP	5/11/2020	9/18/2020	140	Completed	9/18/20 - AEP completed their work on the poles and sent approved permits to Shentel to attached to the poles. 9/11/20 - AEP continues to work on the poles with a tentative completion date of 9/15. 8/28/20 - AEP's line crew started makeready on 8/25. 8/17/20 - AEP is sending the make ready work information over to their construction team. We are
CenturyLink	5/11/2020	5/12/2020	1	Completed	5/12/20 - CenturyLink approval received. 5/11/20 - CenturyLink permit for one pole submitted. 4/24/20 - Preparing a pole permit to be submitted.
Drafting	5/14/2020	8/25/2020	103	Completed	8/28/20 - Design and drafting has been completed as of 8/25. 7/31/20 - Our drafting team has completed the design and are finishing up drafting the maps of the design.
Construction Release	10/7/2020	12/2/2020	56	Completed	12/4/20 - All construction was completed on 12/2/2020. 11/13/20 - Construction will be completed by 11/17 and splicing/testing be starting 11/16. 10/23/20 - Contractors are
Splicing and Testing	12/2/2020			In Progress	12/4/20 - All splicing completed and testing on splices is being actively worked. Anticipating on the project being released for customer activation in the next 2 weeks.
Customer Activation					12/4/20 - 42 homes have been sold as of 12/2. 10/23/20 - Direct sales has pre-sold 16 homes as of 10/21.
The Retreat	Start	Finish	Duration	Status	Comments
Permitting					
VDOT	9/15/2020	9/29/2020	14	Completed	10/9/20 - Approved VDOT permit received on 9/29/20.
Drafting					
Preliminary draft	9/3/2020	9/17/2020	14	Completed	
Field review	9/18/2020	9/18/2020	0	Completed	
Final draft	9/18/2020	9/21/2020	3	Completed	10/9/20 - Construction drawing finalized on 9/21/20
Construction Release					

**Shentel Fiber Project Updates
December 4, 2020**

Construction	9/29/2020	12/11/2020	63	Completed	12/11/20 - AEP installed the meter on 12/1. 11/13/20 - Pending AEP to hookup power supply. Construction and splicing has been completed. Testing will be completed once 12/4/20 - Splicing and testing have been completed. Project has been released to installs.
Splicing and Testing	12/1/2020	12/4/2020	3	Completed	
Customer Activation	12/4/2020			In Progress	12/4/20 - A total of 15 customers has been sold and scheduled for installs. 11/13/20 -
Cedar Bay Road	Start	Finish	Duration	Status	Comments
Contract Engineering					
Permitting					
VDOT	9/15/2020	10/6/2020	21	Completed	10/9/20 - Approved VDOT permit received on 10/6/20.
Drafting					
Preliminary draft	9/9/2020	9/14/2020	5	Completed	
Field review	9/14/2020	9/15/2020	1	Completed	
Final draft	9/16/2020	9/16/2020	0	Completed	10/9/20 - Construction drawing finalized on 9/16/20
Construction Release					
Construction	10/7/2020	10/21/2020	14	Completed	10/23/20 - All cable, conduit, and pedestals have been installed. 10/9/20 - Construction is releasing the project to a contractor and forecasting start/completion dates.
Splicing and Testing	10/21/2020	10/30/2020	9	Completed	10/30/20 - Splicing testing is completed. 10/23/20 - Splicing is estimated to be completed by 10/30.
Customer Activation	10/30/2020	11/29/2020	30	Completed	12/4/20 - All 5 customers have been installed and the project has been completed.
Park Way Ave	Start	Finish	Duration	Status	Comments
Contract Engineering					
Permitting					
VDOT	9/15/2020	10/6/2020	21	Completed	10/9/20 - Approved VDOT permit received on 10/6/20.
Drafting					
Preliminary draft	9/9/2020	9/14/2020	5	Completed	
Field review	9/14/2020	9/15/2020	1	Completed	
Final draft	9/16/2020	9/16/2020	0	Completed	10/9/20 - Construction drawing finalized on 9/16/20
Construction Release					
Construction	10/7/2020	12/3/2020	57	Completed	12/4/20 - All construction has been completed. 11/13/20 - Private utilities have been marked. Pending construction start and estimated completion date. 10/23/20 -
Splicing and Testing	12/3/2020	12/4/2020	1	Completed	12/4/20 - Splicing was completed during construction and tested this morning. Project has been released to installs.
Customer Activation	12/4/2020			In Progress	12/4/20 - A total of 3 customers have been sold and scheduled for installs. 10/23/2020 -