



DEPARTMENT OF TECHNOLOGY SERVICES

Marc Elrich
County Executive

Gail Roper
Chief Information Officer

November 3, 2021

MINUTES OF TFCG MEETING

To: Distribution

From: TFCG Staff (CTC Technology & Energy)

A meeting of the Transmission Facility Coordinating Group (TFCG) was held on November 3, 2021. The following people were in attendance:

MEMBERS

Marjorie Williams	(via video)	TFCG Chair
Boyd Lawrence	(via video)	MCPS
Thomas Williamson	(via video)	DGS
Martin Rookard	(via video)	WSSC
Michelle Grace	(via video)	M-NCPPC
Benjamin Berbert	(via video)	M-NCPPC
Patricia Wolford	(via video)	DPS

STAFF

Shawn Thompson	(via video)	CTC
Julie Elias	(via video)	CTC
Heather Elliot	(via video)	DTS
Zeena Oduro	(via video)	DTS

OTHER ATTENDEES

Debbie Spielberg	(via video)	Office of the County Executive
Brian Kim	(via video)	DPS
Javan Shayan	(via video)	DPS

Action Item: Meeting Minutes October 3rd:

Motion: Patricia Wolford moved that the October minutes be approved as written. Martin Rookard seconded the motion. The motion was unanimously approved.

Action Item: Consent Agenda

Consent Agenda

1. *Application Number:* 2021061488 *Type:* Colocation *Received (date):* 6/29/2021

Revised: 7/15/2021

Revised: 10/20/2021

Applicant: Jacobs Telecommunications on behalf of Dish Network

Site Name/Location: Easterday Property/ 9265 Brown Church Road, Mt. Airy

Zoning Standard: AR **Property Owner:** Easterday Louise Et Al

Description: Install (3) Antennas Mounts (1 per sector); (3) Antennas (1 per sector); (6) RRUs (2 per sector); (1) Over Voltage Protection Device; and (1) Hybrid Cable. (Prepare for and reserve for (3) additional Antennas and (6) additional RRUs of the same model). Install (1) new equipment cabinet on (1) new equipment platform.

Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021061488+Application.pdf>

2. **Application Number:** 2021081529 **Type:** Minor Modification **Received (date):** 8/10/2021

Revised: 10/25/2021

Applicant: NB+C on behalf of T-Mobile

Site Name/Location: Argyle Country Club/ 14600 Argyle Club Rd, Silver Spring

Zoning Standard: RE-2 **Property Owner:** Argyle Land Company

Description: T-Mobile proposes to remove (9) antennas, (3) RRHs, (3) TMAs, (1) cabinet, and install (6) antennas, (6) RRHs, and (2) cabinets at the existing telecommunications facility.

Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021081529+Application.pdf>

3. **Application Number:** 2021091550 **Type:** Minor Modification **Received (date):** 9/8/2021

Revised: 10/20/2021

Revised: 10/26/2021

Revised: 10/26/2021

Applicant: Advantage Engineers on behalf of T-Mobile

Site Name/Location: Derwood Monopole/ 15948 Derwood Road, Derwood

Zoning Standard: IM-2.5 H-50 **Property Owner:** CSX Corporation, Inc

Description: Remove (4) & add (8) antennas ((4) AIR6449 B41 & (4) VV-65A-R1), add (4) 4460 B25+B66 RRUs, add (1) 6160 equipment cabinet & (1) B160 battery cabinet, and other associated equipment on existing tower.

Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021091550+Application.pdf>

4. **Application Number:** 2021091552 **Type:** Minor Modification **Received (date):** 9/23/2021

Revised: 10/8/2021

Applicant: Site Link Wireless on behalf of Verizon Wireless

Site Name/Location: White Flint Professional Building/ 11119 Rockville Pike, Kensington

Zoning Standard: EOF-3.0 H-100 **Property Owner:** ROCKVILLE PIKE PARTNERSHIP

Description: This is an existing rooftop site with a height of 50' and a parapet height of 52'-9". Verizon proposes to modify their existing installation at the 58' RAD center by removing (2) antennas and installing (5) antennas. The proposed new antennas will be (2) Samsung AT1K04 (16.8"x9.6"x6.9") and (3) Samsung CBRS XXDWMM-12.5-65-8T (16.2"x11.4"x5.5"). They will also remove (11) and install (6) RRH's. The new RRH's will be (3) Samsung B2/B66A RRH-BR049 (RFV01U-D1A) and (3) Samsung B5/B13 RRH-BR04C (RFV01U-D2A).

Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021091552+Application.pdf>

5. **Application Number:** 2021091560 **Type:** Colocation **Received (date):** 9/22/2021

Revised: 10/21/2021

Applicant: Jacobs Telecommunications on behalf of Dish Network

Site Name/Location: WWDC Radio Tower/ 8744 Brookeville Rd, Silver Spring

Zoning Standard: IM-2.5 **Property Owner:** Chancellor Media Corp.

Description: Install (3) new Antennas (1 per sector); (6) new radio units (2 per sector); (1) Junction Box; and (1) Hybrid cable on existing radio and telecommunications tower. Install 5' x 7' steel equipment platform below tower with ice bridge. Install (2) cabinets on equipment platform. Install associated ground conduits.

Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021091560+Application.pdf>

6. **Application Number:** 2021091562 **Type:** Minor Modification **Received (date):** 10/4/2021

Revised: 10/11/2021

Applicant: Crown Castle USA INC. on behalf of T-Mobile

Site Name/Location: Ferguson Farm/ 14823 Comus Rd, Clarksburg

Zoning Standard: AR **Property Owner:** John W. Ferguson

Description: T-Mobile is removing (3) existing antennas and (3) TMAs. They are adding (9) new antennas and (6) new RRHs on an existing tower structure. T-Mobile is also adding (2) new cabinets on the ground.

Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021091562+Application.pdf>

7. **Application Number:** 2021101565 **Type:** Minor Modification **Received (date):** 10/5/2021

Applicant: Site Link Wireless on behalf of Verizon Wireless

Site Name/Location: Wayne Avenue Garage/ 921 Wayne Ave, Silver Spring

Zoning Standard: CR-3.0 C-2.0 R-2.75 H-145 T **Property Owner:** Montgomery County

Description: This is an existing rooftop site with a height of 90'. Verizon proposes to modify their existing installation at the 30' RAD center by removing and replacing (1)

antenna. The proposed new antenna will be (1) Samsung AT1K04 (16.8"x9.6"x6.9"). They will also remove (2) and install (1) RRH. The new RRH will be Samsung AWS/PCS 160W RF4402D-D1A.

Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021101565+Application.pdf>

8. ***Application Number:*** 2021101570 ***Type:*** Minor Modification ***Received (date):*** 10/8/2021
Revised: 10/18/2021

Applicant: Advantage Engineers on behalf of T-Mobile

Site Name/Location: Tri-State Stone Quarry/ 8200 Seven Locks Rd, Bethesda

Zoning Standard: R-200 ***Property Owner:*** Ben Porto & Son LTD

Description: Remove (6) & add (6) antennas (3 AIR6449 B41 & 3 APXVAALL24 43-U-NA20), remove (9) & add (6) RRUs (3 4480 B71+B85 & 3 4460 B25+B66), remove (2) equipment cabinets & add (1) 6160 equipment cabinet and (1) B160 battery cabinet, and other associated equipment on existing tower

Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021101570+Application.pdf>

9. ***Application Number:*** 2021101573 ***Type:*** Minor Modification ***Received (date):*** 10/12/2021
Revised: 10/22/2021
Revised: 10/26/2021

Applicant: Smartlink Group on behalf of T-Mobile

Site Name/Location: Westlake Towers/ 7420 Westlake Terr, Bethesda

Zoning Standard: R-H ***Property Owner:*** Westlake Park Condo

Description: T-Mobile proposes to conduct the following work at an existing telecommunications site:

Install (1) 10'-0" x 5'-0" concrete pad inside a new fenced enclosure at grade level and install (1) 50KW AC diesel generator on the new concrete pad.

Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021101573+Application.pdf>

10. ***Application Number:*** 2021101574 ***Type:*** Minor Modification ***Received (date):*** 10/12/2021
Revised: 10/22/2021

Applicant: Smartlink Group on behalf of T-Mobile

Site Name/Location: JFK High School/ 1901 Randolph Rd, Silver Spring

Zoning Standard: R-90 ***Property Owner:*** Board of Education

Description: T-Mobile proposes to conduct the following work at an existing telecommunications site: Install (1) 48KW AC diesel generator on an existing 10'-0" x 6'-0" concrete pad inside an existing fenced enclosure.

Tower Coordinator Recommendation: Recommended on condition the applicant provides written approval from MCPS Staff of the attachments at the time of permitting. Recommendation is subject to compliance with all applicable laws.
<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021101574+Application.pdf>

Boyd Lawrence noted the property owner for this application is the Board of Education, not MCPS.

11. **Application Number:** 2021101575 **Type:** Minor Modification **Received (date):** 10/12/2021
Revised: 10/26/2021

Applicant: Smartlink Group on behalf of T-Mobile
Site Name/Location: Blake High School/ 300 Norwood Rd, Silver Spring
Zoning Standard: RE-2C **Property Owner:** Board of Education
Description: T-Mobile proposes to conduct the following work at an existing telecommunications site:
Install (1) 10'-0" x 4'-0" concrete pad inside an existing fenced enclosure at grade level and install (1) 48KW AC diesel generator on the new concrete pad.
Tower Coordinator Recommendation: Recommended on the condition the applicant provides written approval from MCPS staff at the time of permitting. Recommendation is subject to compliance with all applicable laws.
<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021101575+Application.pdf>

12. **Application Number:** 2021101577 **Type:** Minor Modification **Received (date):** 10/13/2021
Revised: 10/25/2021

Applicant: Smartlink Group on behalf of T-Mobile
Site Name/Location: Sunrise Apts/ 19310 Club House Rd, Gaithersburg
Zoning Standard: R-10 **Property Owner:** Sunrise Assisted Living
Description: T-Mobile proposes to install (1) 4'-0" x 10'-0" concrete pad and install a 50KW diesel generator on the new concrete pad at an existing telecommunications site.
Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.
<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021101577+Application.pdf>

13. **Application Number:** 2021101582 **Type:** Minor Modification **Received (date):** 10/22/2021
Revised: 10/26/2021

Applicant: Centerline Communications on behalf of T-Mobile
Site Name/Location: St. Patrick's Church/ 4101 Norbeck Rd, Rockville
Zoning Standard: RE-1 **Property Owner:** St. Patrick's Church
Description: T-Mobile would like to make a revision to application 2021041415. The original application SOW: T-Mobile is removing Sprint/Clearwire's (3) existing antennas and (3) existing RRHs, and removing T-Mobile's (3) existing RRHs. They are adding T-Mobile's (3) new antennas and (3) new RRHs on the existing building structure. However, T-Mobile has determined they no longer need to remove and add the (3) antennas at the rad center 51'. The new scope of work: T-Mobile is removing (6) existing

antennas and (3) RRHs. They are adding (3) new antennas and (3) RRHs on existing church steeple structure.

Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021101582+Application.pdf>

Michelle Grace requested a meeting to review some of the items on the regular agenda that should be moved to the consent agenda. She noted that second time colocations or third time colocations do not need to be on the regular agenda and are considered 6409 applications anyway. Debbie Spielberg requested the notes of that future meeting to be written.

Michelle Grace made a motion to recommend all applications on the consent agenda. Martin Rookard seconded the motion, and the motion to recommend was unanimously approved.

Regular Agenda

1. ***Application Number:*** 2021041420 ***Type:*** Colocation ***Received (date):*** 4/9/2021

Revised: 6/24/2021

Revised: 10/19/2021

Applicant: Crown Castle Fiber LLC on behalf of T-Mobile

Site Name/Location: PEPCO 794422-9988/ 600 Easley St, Silver Spring

Zoning Standard: R-60 ***Property Owner:*** Montgomery County

Description: Proposed installation of strand node MNG-160 on existing PEPCO pole 794422-9988. Strand Node Equipment to be installed:

-Strand Cable

-Ericsson 6523 semi-integrated panel antenna

-Ericsson Diplex Filter B2

+B66/B30 (4-2) Diplexer (2)

-Ericsson 4402 Radio (2)

-Bracket Mount

-Splice Box

-Converter unit (Alpha Model #LPR48-IP68)

-Disconnect Switch (Alpha Model EP0/D-2-PR)

Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021041420+Application+and+Report.pdf>

Julie Elias summarized the application. Debbie Spielberg requested confirmation and Shawn Thompson confirmed that the only change to the Construction Drawings for the application was the address that was closest to the pole. Shawn Thompson noted a public comment received prior to the meeting asked about the Right of Way positioning of the installation. He clarified that the location of an installation as being in the Right of Way or not is determined by the position of the pole. Brian Kim confirmed DPS will issue a ROW permit for the installation. Brian Kim confirmed for Debbie Spielberg that the applicant will have to get a building and electrical permit. Patricia Wolford confirmed for Debbie Spielberg that her team in DPS reviews and

confirms the zoning as part of the building permit process and can confirm for Debbie whether or not the strand crosses private property. Javad Shayan clarified for Debbie Spielberg that often there is an easement the Pepco strands that are allowed to cross private property and that would be evaluated as part of the permitting process. Marjorie Williams confirmed for Debbie Spielberg that the applicants are required to supply the TFCG application number with their permitting requests.

Michelle Grace requested clarification why this application for a strand on existing structure was on the regular agenda instead of the consent agenda. Marjorie Williams said it was on the regular agenda because it was a first time colocation.

Patricia Wolford made a motion to recommend the application. Thomas Williamson seconded the motion, and the motion to recommend was unanimously approved.

2. ***Application Number:*** 2021041433 ***Type:*** Colocation ***Received (date):*** 4/21/2021
Revised: 7/20/2021
Revised: 10/19/2021

Applicant: Crown Castle Fiber LLC on behalf of T-Mobile

Site Name/Location: PEPCO 788424-550660/ 8600 16th St, Silver Spring

Zoning Standard: CRT-2.5 ***Property Owner:*** Montgomery County

Description: Proposed installation of strand node MNG-408 on existing PEPCO pole 788424-550660. Strand node equipment to be installed:

-Strand Cable

-Ericsson 6523 semi-integrated panel antenna

-Ericsson Diplex Filter B2+B66/B30 (4-2) Diplexer (2)

-Ericsson 4402 Radio (2)

-Bracket Mount

-Splice Box

-Converter unit (Alpha Model #LPR48-IP68)

-Disconnect Switch (Alpha Model EP0/D-2-PR)

Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021041433+Application+and+Report.pdf>

Julie Elias summarized the application. Michelle Grace made a motion to recommend the application. Boyd Lawrence seconded the motion, and the motion to recommend was unanimously approved.

3. ***Application Number:*** 2021061476 ***Type:*** Colocation ***Received (date):*** 6/8/2021
Revised: 10/26/2021

Applicant: Crown Castle Fiber LLC on behalf of T-Mobile

Site Name/Location: Pepco 786422-270810/ 2301 Colston Dr, Silver Spring

Zoning Standard: R-60 ***Property Owner:*** Montgomery County

Description: Proposed installation of strand node MNG-446 on existing PEPCO pole 786422-270810. Strand node equipment to be installed:

- Strand Cable
- Ericsson 6523 semi-integrated panel antenna (1)
- Ericsson Diplex Filter B2+B66/B30 (4-2) Diplexer (2)
- Ericsson 4402 Radio (2)
- Bracket Mount
- Splice Box
- Converter unit (Alpha Model #LPR48-IP68)
- Disconnect Switch (Alpha Model EP0/D-2-PR)

Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021061476+Application+and+Report.pdf>

Julie Elias summarized the application. Martin Rookard made a motion to recommend the application. Boyd Lawrence seconded the motion, and the motion to recommend was unanimously approved.

4. ***Application Number:*** 2021081523 ***Type:*** New ***Received (date):*** 8/5/2021

Revised: 9/9/2021

Revised: 9/23/2021

Revised: 10/19/2021

Applicant: Site Link Wireless on behalf of T-Mobile

Site Name/Location: Woodward High School/ 11211 Old Georgetown Rd, Rockville

Zoning Standard: R-90 ***Property Owner:*** Board of Education

Description: Install monopole foundation and 120' high monopole. Install T-Mobile/Sprint antenna platform, antennas (9), RRU's (6), and cables. Install equipment compound, fence, and site improvements.

Tower Coordinator Recommendation: Recommended on the condition the applicant provides written approval from MCPS staff at the time of permitting. Recommendation is subject to compliance with all applicable laws.

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021081523+Application+and+Report.pdf>

Julie Elias summarized the application, noting that this is an application for the permanent monopole structure on the future school site, similar to the temporary pole structure applied for and recommended by the TFCG over the summer. Boyd Lawrence commented that the temporary site was no longer needed because they realized they can simply move the utilities for the existing site and keep them ready for when the new school site can accommodate the new location. He also informed the committee that the Board of Education reviewed the location and authorized a new lease with T-Mobile and SBA when they go to the new site. Michelle Grace made a motion to recommend the application. Thomas Williamson seconded the motion. Boyd Lawrence abstained, and the motion to recommend was otherwise unanimously approved.

5. ***Application Number:*** 2021101579 ***Type:*** New ***Received (date):*** 10/20/2021

Revised: 10/26/2021

Revised: 10/27/2021

Applicant: Site Link Wireless on behalf of T-Mobile

Site Name/Location: Clarksburg Outlets Temporary/ 22711 Clarksburg Rd, Clarksburg
Zoning Standard: CRT-0.5 C-0.25 R-0.25 H-130 T **Property Owner:** WSSC
Description: T-Mobile proposes to install a temporary site consisting of a temporary 100' ballasted monopole with antennas and RRU's, and a temporary non-penetrating platform with cabinets. They will install (9) antennas and (6) RRU's at 102' and 90' RADs. The proposed new antennas will be (3) Ericsson AIR 6449 B41 (33.1"x20.6"x8.6") at 90', (3) RFS APXVAALL24 43-U-NA20 (95.9"x24.0"x8.5") at 102', and (3) Commscope VV-65A-R1 (54.7"x12"x4.6") at the 102' RAD. They will install (1) IBR 1300 Series microwave dish at 90'. They will install (3) 4449 B71+B85 RRU's and (3) 4460 B25+B66 RRU's. They will install a temporary equipment platform with (2) cabinets (B160 and 6160) and support equipment.
Tower Coordinator Recommendation: Recommended on the condition the applicant provide written approval from WSSC at the time of permitting. Recommendation is subject to compliance with all applicable laws.
<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021101579+Application+and+Report.pdf>

Julie Elias summarized the application. Martin Rookard confirmed the WSSC were aware of the application and their technical staff had reviewed the application and okayed the temporary structure being there for the limited amount of time. Michelle Grace questioned the applicant's justification that the installation was needed before the holiday season due to public safety issues. Marjorie Williams clarified that the cellular service does not work inside the outlet mall without the tower and thereby creates a public safety issue because business owners would not be able to call 911 if needed. Michelle Grace indicated that applicant should have articulated that explanation in the application instead. Michelle Grace felt the applicant should not have used as justification for the need for the temporary pole the duration to negotiate and sign a lease with the landlord and was concerned about setting a precedent.

Michelle Grace commented that mounting the temporary pole may take longer than the holiday season depending on the length of the permitting process and wondered why they didn't apply for a COW (cellular on wheels) instead of the temporary structure. Patricia Wolford clarified for Michelle Grace that the COW (cellular on wheels) would have to go through the same permitting process as the temporary monopole.

Michelle Grace made a motion to recommend the application. Boyd Lawrence seconded the motion, and the motion to recommend was unanimously approved.

The meeting was adjourned.

The next TFCG meeting is scheduled for December 1, 2021, at 2 p.m.