



DEPARTMENT OF TECHNOLOGY SERVICES

Marc Elrich
County Executive

Gail Roper
Chief Information Officer

October 6, 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 October 6, 2021. The following people were in attendance:

MEMBERS

Marjorie Williams	(via video)	TFCG Chair
Boyd Lawrence	(via video)	MCPS
Thomas Williamson	(via video)	DGS
Daryl Braithwaite	(via video)	Takoma Park
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

Action Item: Meeting Minutes September 1st:

Motion: Martin Rookard moved that the September minutes be approved as written. Boyd Lawrence seconded the motion. The motion was unanimously approved with Marjorie and Patricia abstaining because they did not attend the September meeting.

Action Item: Consent Agenda

Consent Agenda

1. **Application Number:** 2020121338 **Type:** Minor Modification **Received (date):** 12/14/2020

Revised: 12/28/2020

Revised: 5/6/2021

Revised: 8/24/2021

Revised: 8/25/2021

Revised: 9/7/2021

Applicant: Smartlink LLC on behalf of AT&T Wireless

Full Corporate Name of the Facility Owner: New Cingular Wireless PCS, LLC

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

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

Description: AT&T proposes to remove (6) existing antennas and (6) existing RRHs and install (6) new antennas and (9) new RRHs on an existing 154' monopole.

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

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2020121338+Application.pdf>

2. **Application Number:** 2021021387 **Type:** Minor Modification **Received (date):** 2/8/2021

Revised: 5/6/2021

Revised: 9/14/2021

Revised: 9/22/2021

Applicant: Smartlink LLC on behalf of AT&T Wireless

Full Corporate Name of the Facility Owner: New Cingular Wireless PCS, LLC

Site Name/Location: Carver Tower/ 2647 University Blvd West, Silver Spring

Zoning Standard: CR-5.0 **Property Owner:** Bajwa Property Management LLC

Description: AT&T proposes to REMOVE (4) existing antennas and (6) RRHs and INSTALL (6) new antennas and (12) new RRHs.

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

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021021387+Application.pdf>

3. **Application Number:** 2021051465 **Type:** Minor Modification **Received (date):** 5/18/2021

Revised: 8/4/2021

Revised: 8/17/2021

Revised: 9/24/2021

Applicant: Advantage Engineers on behalf of T-Mobile

Site Name/Location: MDOT-Kensington/ 9200 Kensington Pkwy I-495 & Connecticut Avenue (9200 Kensington Pkwy), Kensington

Zoning Standard: R-90 **Property Owner:** MDOT / State Hwy Admin.

Description: Remove (3) & add (6) antennas, remove (3) & add (6) RRUs, and remove (1) & add (2) equipment cabinets

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

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021051465+Application.pdf>

4. **Application Number:** 2021061471 **Type:** Minor Modification **Received (date):** 6/2/2021
Revised: 7/23/2021
Revised: 8/24/2021
Revised: 8/30/2021
Revised: 9/16/2021

Applicant: Smartlink LLC on behalf of AT&T Wireless

Full Corporate Name of the Facility Owner: New Cingular Wireless PCS, LLC

Site Name/Location: WSSC Damascus Plant/ 23730 Log House Rd, Gaithersburg

Zoning Standard: RE-2 **Property Owner:** WSSC

Description: AT&T proposes to REMOVE (6) existing antennas and (6) existing RRHs and INSTALL (6) new antennas and (9) new RRHs. They will also REMOVE existing antenna mounts and INSTALL new antenna mounts.

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

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021061471+Application.pdf>

5. **Application Number:** 2021081524 **Type:** Minor Modification **Received (date):** 8/9/2021
Revised: 9/1/2021
Revised: 9/10/2021

Applicant: NB+C on behalf of T-Mobile

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

Zoning Standard: R-90 **Property Owner:** MCPS

Description: T-Mobile proposes to replace (3) antennas, (3) radios, and (2) cabinets at the existing telecommunications facility.

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/MC2021081524+Application.pdf>

6. **Application Number:** 2021081534 **Type:** Minor Modification **Received (date):** 8/13/2021
Revised: 9/22/2021

Applicant: Advantage Engineers on behalf of T-Mobile

Site Name/Location: Trinity United Methodist Church/ 13700 Schaefer Rd, Germantown

Zoning Standard: R-200 **Property Owner:** Trinity United Methodist Church

Description: Add (3) antennas (3 AIR 6449 B41), remove (3) & add (3) RRUs (3 4424 B25 RRU), add (1) 6160 equipment cabinet & (1) B160 battery cabinet, and other associated equipment on existing rooftop.

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

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021081534+Application.pdf>

7. **Application Number:** 2021081535 **Type:** Minor Modification **Received (date):** 8/24/2021
Revised: 8/27/2021

Applicant: Site Link Wireless on behalf of Verizon Wireless

Site Name/Location: Teppanyaki Grill and Buffet/ 5520 Randolph Rd, Rockville

Zoning Standard: CR-3.0 C-1.5 R-2.5 H-200 **Property Owner:** Washington Real Estate Investment Trust

Description: This is an existing rooftop site with a height of 28' and a parapet height of 30'. Verizon proposes to modify their existing installation at the 33' 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 and replace (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/MC2021081535+Application.pdf>

8. **Application Number:** 2021081539 **Type:** Minor Modification **Received (date):** 8/23/2021
Revised: 9/10/2021
Revised: 9/20/2021

Applicant: Network Building + Consulting on behalf of T-Mobile

Site Name/Location: Pepco 637-S/ 12900 Piney Meeting House Rd, Potomac

Zoning Standard: RE-2 **Property Owner:** Potomac Electric Power Co

Description: Project involves removing (6) existing panel antennas, (9) existing TMA's, (1) existing 2106 equipment cabinet, (3) existing RRH, (14) 1-1/4" existing coax, (4) existing 7/8" coax; (6) existing 1-5/8" coax are to remain; while installing (9) proposed antennas (3 COMMSCOPE VV-65A-R1, 3 ERICSSON AIR6449 B41, 3 RFS APXVALL24 43-U-NA20),(6) proposed RH ((3) 4460 B25+B66 and (3) 4480 B71+B85)), (6) proposed hybrid cables-Ericsson 6x24 HCS, (2) proposed equipment cabinets ((1) Ericsson B160 battery cabinet and (1) Ericsson 6160 Equipment cabinet, and (9) proposed concrete bollards; modify/reinforce existing mount, modify/reinforce existing wood equipment platform, replace panel and disconnect.

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

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021081539+Application.pdf>

9. **Application Number:** 2021081540 **Type:** Minor Modification **Received (date):** 8/23/2021
Revised: 8/30/2021

Applicant: Smartlink Group on behalf of T-Mobile

Site Name/Location: Double Tree Hotel/ 8120 Wisconsin Ave, Bethesda

Zoning Standard: CR-3.0 **Property Owner:** A TBC Bethesda Owner, LLC

Description: T-Mobile proposes to conduct work at an existing telecommunications rooftop: remove/replace existing steel platform with a new 12'-8"x11'-4" steel platform on existing posts; install 36KW natural gas generator on new steel platform

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

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021081540+Application.pdf>

10. **Application Number:** 2021081542 **Type:** Minor Modification **Received (date):** 8/24/2021
Revised: 8/30/2021

Applicant: Site Link Wireless on behalf of Verizon Wireless

Site Name/Location: Giant Food - Silver Spring/ 8750 Arliss St, Silver Spring

Zoning Standard: CRT-3.0 C-1.0 R-2.75 H-100 **Property Owner:** Washington Real Estate Investment Trust

Description: This is an existing rooftop site with a height of 21' and a parapet height of 24'. Verizon proposes to modify their existing installation at the 25' 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/MC2021081542+Application.pdf>

11. **Application Number:** 2021091546 **Type:** Minor Modification **Received (date):** 9/2/2021
Revised: 9/20/2021
Revised: 9/27/2021

Applicant: Centerline Communications on behalf of T-Mobile

Site Name/Location: Steinberg Silo/ 15021 Dufief Mill Rd, Gaithersburg

Zoning Standard: R-200 **Property Owner:** Chabad Lubavitch of Upper Montgomery County

Description: Install (3) new antennas, install (3) new RRUs install, remove, and replace (3) existing TMAs w/ (3) new TMAs. Install (2) new 6x12 hybrid cables and remove all unused cables and equipment.

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

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021091546+Application.pdf>

12. **Application Number:** 2021091548 **Type:** Minor Modification **Received (date):** 9/7/2021
Revised: 9/20/2021
Revised: 9/27/2021

Applicant: Site Link Wireless LLC on behalf of T-Mobile

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

Zoning Standard: EOF-3.0, H-100 **Property Owner:** Rockville Pike Partnership

Description: T-Mobile is removing (3) existing antennas and (3) existing RRHs. They are adding (6) new antennas and (6) new RRHs on an existing building structure.

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

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021091548+Application.pdf>

13. **Application Number:** 2021091553 **Type:** Minor Modification **Received (date):** 9/10/2021
Revised: 9/23/2021

Applicant: Site Link Wireless on behalf of Verizon Wireless

Site Name/Location: Aurora Condominiums/ 7915 Eastern Ave, Silver Spring

Zoning Standard: CR-3.0 C-2.0 R-2.75 H-125 T **Property Owner:** AURORA CONDOMINIUM SOUTH

Description: This is an existing rooftop site with a height of 107'-2" and a penthouse height of 124'. Verizon proposes to modify their existing installation at the 132' and 138'-3" RAD centers by removing (3) antennas and installing (7) antennas. The proposed new antennas will be (3) Samsung AT1K04 (16.8"x9.6"x6.9") at the 138'-3" RAD and (4) Samsung CBRS XXDWMM-12.5-65-8T (16.2"x11.4"x5.5") at the 132' RAD. They will also remove (12) and install (8) RRH's. The new RRH's will be (4) Samsung B2/B66A RRH-BR049 (RFV01U-D1A) and (4) 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/MC2021091553+Application.pdf>

14. **Application Number:** 2021091555 **Type:** Minor Modification **Received (date):** 9/13/2021
Revised: 9/17/2021
Revised: 9/27/2021

Applicant: NB+C on behalf of T-Mobile

Site Name/Location: Pepco Manor View/ 6424 Manor View Dr, Gaithersburg

Zoning Standard: RE-1 **Property Owner:** Pepco

Description: Sprint, now a part of T-Mobile, proposes to replace (3) mounts, replace (2) cabinets, remove (6) antennas, (3) RRHs, and install (9) antennas, (6) RRHs at the existing telecommunications facility.

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

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021091555+Application.pdf>

15. **Application Number:** 2021091558 **Type:** Minor Modification **Received (date):** 9/15/2021
Revised: 9/23/2021
Revised: 9/27/2021

Applicant: NB+C on behalf of T-Mobile

Site Name/Location: Pepco 57-R/ 24700 Halterman Rd, Gaithersburg

Zoning Standard: AR **Property Owner:** Pepco

Description: Sprint, now a part of T-Mobile, proposes to remove (6) antennas, (12) RRHs, (2) cabinets, and install (9) antennas, (6) RRHs, (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/MC2021091558+Application.pdf>

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

Regular Agenda

1. **Application Number:** 2021071515 **Type:** Colocation **Received (date):** 7/19/2021

Revised: 8/3/2021

Revised: 9/28/2021

Applicant: Jacobs Telecommunications on behalf of Dish Wireless

Site Name/Location: Wheaton High School/ 12501 Dalewood Rd, Silver Spring

Zoning Standard: R-60 **Property Owner:** MCPS

Description: Install (3) Panel Antennas (1 per sector) on (1) Antenna Mount. Install (6) Radio Units (2 per sector), (1) OVP Device, (1) Hybrid Cable and associated jumpers on existing telecommunications tower. Install (1) metal platform for (2) cabinets, (1) ice bridge, (1) telco-fiber box, (1) GPS unit, (1) safety switch, (1) ciena box, and (1) meter socket on the ground beneath the tower.

Tower Coordinator Recommendation: Recommended on the condition the applicant attend a future PTA meeting to discuss the proposed collocation, and on the condition the applicant provides written approval from MCPS Staff of the attachments at the time of permitting.

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021071515+Application+and+Report.pdf>

Julie Elias summarized the application. Boyd Lawrence noted that the school will request that Dish Wireless attend a school meeting and give a presentation on the site, and that Dish will need to request a lease from the School. He will reach out to the Dish contact with these requests.

Marjorie Williams commented for the record that although the TFCG requests a structural analysis with applications, it is not required for the TFCG recommendation. The structural analysis is required to be reviewed by the Department of Permitting Services (DPS).

Debbie Spielberg asked and Boyd Lawrence clarified that the carrier would be required to present at a public PTA meeting.

Debbie Spielberg asked for clarification on the RF limits referenced in the Routine Environmental Evaluation provided with the application. Shawn Thompson clarified that the county does not have a requirement for an RF EME report to be submitted, however it is requested out of due diligence when an application is not categorically excluded. The RF EME report provided with this application indicates there are no areas accessible where the emissions would exceed 0.7% - less than 1% - of the FCC's Maximum Permissible Exposure limits.

Debbie Spielberg questioned how DPS would become aware of a cautionary note included in the T-Mobile structural analysis report for this site from August 2020 (not the application before the TFCG today). Patricia Wolford confirmed that the TFCG does not approve permitting, and DPS would do a full review as part of the permitting process. Debbie Spielberg requested the recommendation of the TFCG be updated to require the applicant to provide DPS with the structural analysis from T-Mobile's August 2020 application along with their application materials. Julie Elias updated the recommendation to read that the application was "recommended on the condition the applicant attend a future PTA meeting to discuss the proposed collocation, and on the condition the applicant provides DPS with BOE authorization to enter a lease agreement at the time of permitting, and on the condition the applicant provides DPS with T-Mobile's monopole analysis from August 2020 at time of permitting."

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

2. **Application Number:** 2021071519 **Type:** Replacement **Received (date):** 7/29/2021
Revised: 8/31/2021
Revised: 9/13/2021

Applicant: Jacobs Telecommunications on behalf of AT&T Wireless

Full Corporate Name of the Facility Owner: New Cingular Wireless PCS, LLC

Site Name/Location: Pepco 768445-660780/ 12221 Parklawn Drive, Rockville

Zoning Standard: IL-1, H-50 **Property Owner:** Montgomery County

Description: AT&T is proposing to collocate its Small Wireless Facility including a pole top equipment enclosure and 1 Galtronics Omni antenna GQ2410-06621 inside a canister shroud. At 10' on the pole will be a Commscope enclosure SSC-760237600 containing 1 radio. A PEPCO service meter and power disconnect will be mounted on the lower portion of the pole. The pole is being replaced by PEPCO and will be in line with the other poles in the vicinity to maintain the line of sight along the street scape.

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

<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021071519+Application+and+Report.pdf>

Julie Elias summarized the application. Debbie Spielberg asked for clarification and Julie Elias confirmed that the additional height on the replacement pole would be approximately 7 additional feet.

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

3. **Application Number:** 2021081538 **Type:** Replacement **Received (date):** 8/19/2021
Revised: 9/22/2021

Applicant: Smartlink on behalf of AT&T Wireless

Full Corporate Name of the Facility Owner: New Cingular Wireless PCS, LLC
Site Name/Location: PEPCO 747472-9946/ 1 Central Ave, Gaithersburg
Zoning Standard: Non-MNCPPC Zoning **Property Owner:** Montgomery County
Description: Installation of a small cell antenna on a PEPCO replaced wooden utility pole located in the ROW. 1 antenna will be installed at the top of the pole. An equipment shroud containing 1 RRH (remote radio head) installed mid pole. Install 1 Meter, 1 disconnect, and 1 fiber demarc.

Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.
<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021081538+Application+and+Report.pdf>

Julie Elias summarized the application. Marjorie Williams noted that the carrier must use the pole referenced in the application, and does not have allowance to choose other poles in the area. Should another pole be chosen, a new application would need to be submitted.

Debbie Spielberg inquired and Brian Kim confirmed Central Avenue is a county-owned road and thus this installation is in the county right-of-way. Julie Elias confirmed follow Debbie Spielberg's question that the utility pole had already been replaced by PEPCO, and restated the jurisdiction, and height of equipment cabinet as included in the application.

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

4. **Application Number:** 2021091547 **Type:** Colocation **Received (date):** 9/2/2021
Revised: 9/15/2021

Applicant: Jacobs Telecommunications on behalf of Dish Network
Site Name/Location: Concord Building/ 10605 Concord St, Kensington
Zoning Standard: CRT-1.5 **Property Owner:** Cadlerock's Concord Building LLC
Description: Install (3) panel antennas (1 per sector); (3) antenna mounts (1 per sector); (6) remote radio units (2 per sector); (3) over-voltage protection devices; (3) hybrid cables; (1) metal platform with equipment cabinets for BBU, PPC, Power, Telco, and Grounding; and (1) GPS unit on existing rooftop.
Tower Coordinator Recommendation: Recommended. Recommendation is subject to compliance with all applicable laws.
<https://montgomerycountytfcg.s3.amazonaws.com/Applications/MC2021091547+Application+and+Report.pdf>

Julie Elias summarized the application. Michelle Grace asked why this application would not qualify as Antenna on an existing structure where there are other carriers already collocated on the structure, and thereby should be on the consent agenda? Marjorie Williams replied that it is on the Regular agenda because the application is from Dish which is a new carrier in the area. Michelle Grace asked for confirmation that this type of collocation would be handled on the consent agenda per the FCC guidelines and for

consistent application handling. Marjorie Williams confirmed that moving forward this type of application would appear on the Consent agenda.

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

5. **Application Number:** 2021091554 **Type:** Colocation **Received (date):** 9/15/2021
Revised: 9/23/2021

Applicant: Site Link Wireless on behalf of T-Mobile

Site Name/Location: Clarksburg Premium Outlets/ 22711 Clarksburg Rd, Clarksburg

Zoning Standard: CRT-0.5 C-0.25 R-0.25 H-130 T **Property Owner:** WSSC

Description: This is a water tank site with a height of 129'-11". T-Mobile proposes to install (9) antennas and (6) RRUs. The proposed new antennas will be installed at a 135' RAD. They will install (3) 4480 B71+B85 RRUs and (3) 4460 B25+B66 RRUs. They will also install a new concrete pad on the ground with (2) new cabinets, (1) generator 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/MC2021091554+Application+and+Report.pdf>

Julie Elias summarized the application. Martin Rookard commented that his technical and engineering team are comfortable with the proposed work in this application.

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

The meeting was adjourned.

The next TFCG meeting is scheduled for November 3, 2021, at 2 p.m.