

To: Distribution

From: Bob Hunnicutt, Tower Coordinator, Columbia Telecommunications

A meeting of the Telecommunications Transmission Facility Coordinating Group (TTF CG) was held on November 9, 2005. The following people were in attendance:

**MEMBERS**

Pat Hanehan MCPS (301) 279-3609  
Dave Niblock DPS (240) 777-6252  
Jennifer Bryant OMB (240) 777-2761  
Helen Xu DTS (240) 777-2804  
Steve Batterden DPWT (240) 777-6063

**STAFF**

Marjorie Williams DTS (240) 777-3762  
Robert Hunnicutt CTC (410) 964-5700  
Matthew Wolff CTC (410) 964-5700

**OTHER ATTENDEES**

Edmund Wilson FiberTower  
Diane Lattin FiberTower  
Michelle Rhodes FiberTower  
Mike Budde T-Mobile  
Jackie Karp Verizon Wireless

**Discussion Item – Meeting Chair:** Margie Williams explained that she would be Chair of today’s meeting. She stated that due to Ms. Lawton’s appointment to the Maryland House of Delegates, she was away on state business in Annapolis. She thanked everyone for coming to today’s meeting and asked that in the event they would be unable to attend any future meetings to please let her know in advance, as the TTF CG meetings require a forum to conduct business.

**Action Item – Meeting Minutes:** Dave Niblock moved that the minutes be recommended as written. Pat Hanehan seconded the motion and the minutes were unanimously approved.

**Consent Agenda Items:**

1. T-Mobile application to replace six 72" panel antennas with six 53" panel antennas at the 135' level (four antennas) and the 145' level (two antennas) atop a 129' high Park Montgomery building located at 8860 Piney Branch Road in Silver Spring (Application #200510-01).
2. T-Mobile application to install nine 54" panel antennas at the 73' level on a 70' bell tower at the Holy Redeemer Church located at 9705 Summit Avenue in Kensington (Application #200510-02).
3. T-Mobile application to attach nine 53" panel antennas at the 110' level on an existing 130' monopole at Bullis School located at 10601 Falls Road in Potomac (Application #200510-03).
4. Verizon Wireless application to attach 12 panel antennas (six 70" high and six 47" high) at the 108' level on an existing 125' monopole on the Hungerford Property at 14615 Clopper Road in Boyds (Application #200510-04).

Pat Hanehan noted that there was an error on the report on item #2 in co-location options. He noted there is reference to a monopole but this application was for attachment to a bell tower. Mr. Hunnicutt said he would

revise the recommendation form accordingly.

**Motion:** Pat Hanehan moved that the consent agenda items be recommended. Dave Niblock seconded the motion and it was unanimously approved.

**Discussion – Presentation by FiberTower:** Margie Williams introduced Michelle Rhodes of WFI. Ms. Rhodes wanted to present information to the group about a new applicant, FiberTower. Ms. Rhodes explained that FiberTower is a new company that provides microwave replacement landline for T1 backhaul services for cell service providers. FiberTower uses fiber optic links from the antennas to a microwave dish at the site that transmits signals to a central switch for transfer to landlines and interconnection with other cell sites and land line services. She said that for the next meeting there would be an application from FiberTower to install a dish on the Kenwood Country Club tower. She displayed a model of the microwave antenna and noted that it was approximately one-foot in diameter, and noted that FiberTower proposed to mount this type of antenna at the 118' level on the Kentwood tower. She said that this site was to provide service for Sprint. She said FiberTower planned to install other sites in the County in the future.

Pat Hanehan asked for an explanation of backhaul. Ms. Rhodes explained that backhaul refers to the link from the wireless sites to the landline telephone systems through a two-way switch. She said the microwave systems link one site to another site. Pat Hanehan said that there used to be a company called Telligent and asked if FiberTower's service was similar to that service. FiberTower's engineer Edmund Wilson explained that he was very familiar with the Telligent system and said that FiberTower's service is similar but that Telligent served many end-user customers within a single building using 23-24 GHz microwave links back to a central control station. He stated that FiberTower's application is different in that it is servicing cellular service providers at multiple cell tower sites in the 11 and 23 GHz frequency ranges. Dave Niblock asked if this would be for data connection. Mr. Wilson explained that it was an all-digital service and would handle voice or data.

**Discussion Item – Next Meeting:** The next meeting of the TTFCG is scheduled for Wednesday, December 14, 2005 at 2 p.m. in the second floor conference room #225 of the COB.