



RF Design Justification Memorandum for Forest Glen

The official Search Area objectives of Forest Glen are: To build a new site to improve coverage along SH 97, provide continuous coverage with WASHINGTON TEMPLE site, and diminish drop calls in the area between existing GSM sites KENSINGTON and WASHINGTON TEMPLE.

Plots have been generated to show the coverage provided by existing Cingular Wireless sites. They show that there is a need for additional coverage along SH 97, Dennis Ave and other local roads in the area. It can be seen that the coverage along SH 97 is choppy and there is not sufficient overlapping coverage between existing sites for smooth hand offs for the calls. The second plot shows that most of the coverage holes between existing GSM sites are filled in by the Forest Glen-Burkland Professional Building site.

The proposed site will not only fill in the coverage holes on SH 97, and in the nearby residential and commercial areas, but at the same time provide sufficient overlapping coverage with existing GSM sites KENSINGTON and WASHINGTON TEMPLE for good handoff. This will reduce drop calls in the area. The following candidates were also considered for the search area and will not work for our purpose due to the following reasons:

Holy Cross Hospital (Coordinates: N39-00-52, W77-02-07)
 Address: 1599 Forrest Glen Road, Silver Spring, MD 20910

The landlord is not interested in accommodating telecommunication facilities. We are attaching a letter from the Hospital stating that they are not interested.

2. WSSC Water tank (Coordinates: N39-00-35, W77-02-33)
Address: Seminary Place, Silver Spring, MD 20910

AWS has an existing site at this location which is now part of Cingular Wireless and will be a part of our network after integration.

3. <u>Hughs United Methodist Church (Coordinates: N39-01-49, W77-02-53.3)</u>
Address: 10700 Georgia Avenue, Silver Spring, MD 20701

The candidate is located close to existing GSM site KENSINGTON and will provide unnecessary overlapping coverage with that site. Moreover, the only option available at this location was to locate in the Steeple. Sprint PCS is already located in the steeple and there is no room for Cingular Wireless.



4. Montgomery Baptist Church (Coordinates: N39-00-52, W77-02-31)
Address: 9727 Georgia Avenue, Silver Spring, MD 20902

A Site Assessment Meeting was conducted at the site. The Construction Manager suggested that it is not feasible to build the site at this location.

5. <u>American Finmark Condo (Coordinates: N39-01-5.4, W77-02-40.3)</u> Address: 9900 Georgia Ave, Silver Spring, MD 20902

The landlord would not let Cingular wireless penetrate the roof or place equipment on the ground. There was no way to place equipment on the roof without penetrating. So, this candidate is not feasible.

Belvedere Apartments (Coordinates: N39-01-8.72, W77-02-42.72)
 Address: 2107 Belvedere Blvd Apt 1, Silver Spring, MD 20902

The candidate is a 2-storey building. The available option was to mount the antennas on the chimney. Another carrier is already located on the chimney and there is not enough room for Cingular to go on the chimney.

Sligo Creek Golf Course (Coordinates: N39-00-51, W77-01-45)
 Address: 9711 Sligo Creek Parkway, Silver Spring, MD 20901

This candidate is an AM tower. It is located almost 1 mi away from the Search ring center and will not meet the RF objectives of filling the coverage holes on SH 97. Besides this, Co-location of cellular antennas on AM towers have lots of complexities involved to mitigate interference issues between both systems. Cingular Wireless does not prefer to Co-locate on AM towers.

Jim Jimreivat

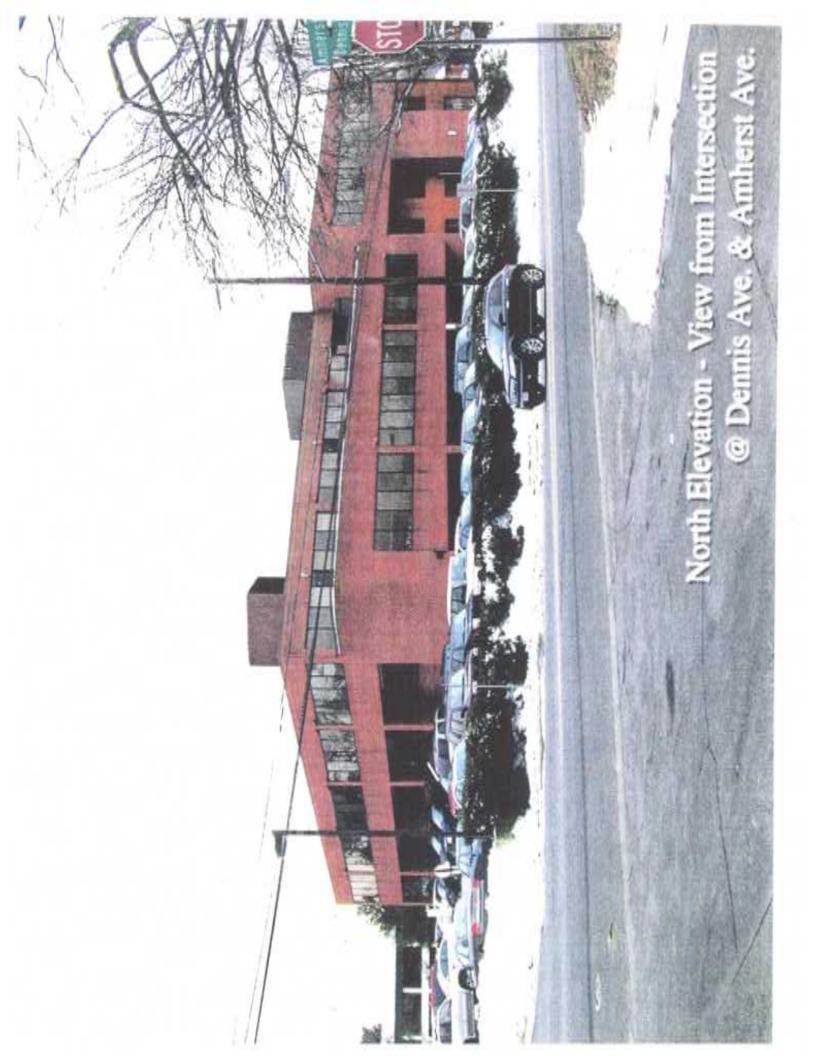
RF Engineering Manager - Cingular Wireless

Telephone: (410) 712 7744

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05/05/05







MONTGOMERY COUNTY, MARYLAND TOWER COORDINATOR RECOMMENDATION

APPLICATION NUMBER: 200505-04 DATE: 11 May 2005

Application Information:	
Applicant: Cingular	
	ntennas at the 50' level and three 54" panel
miternias at tile 45 levi	el aton a 39' huilding
Site Location: Burkland Medical Cen	iter
10313 Georgia Avenue	e, Silver Spring
Property Owner: Burkland Condominion	m Acasaintii
Classification in accordance with Zoning C	Ordinance: R-60
By nght: [Special Exception:
Public Property: Mandatory	Referral: Special Exception
Impact on land-owning agency: N/A	Modification:
Existing or future public safety tolar	
Existing or future public safety telecommun Co-location options: N/A	ilications facilities and plans: None
Implications to surrounding	
Implications to surrounding area: Based on of the antennas and equipment and the proximit	our site visit, it appears that with the screening
single family residences, the visual impact will	ty of the location of the building to nearby
photos illustrate the building and the adjacent he building from the directions indicated by the	or minimal. The attached GIS image and
building from the directions indicated by the arr	omes. The inset photos show views of the
Attachments: Application	
Comments: This attachment will require a Spe	egial Evonution and a Little
50' minimum height required for the R-60 zone.	cetal Exception, as the building is less than the
Cingular proposes to place the equipment calconstructed on the roof. The plans show that the view by a 10' high wall to be constructed to reset to blend with the building exterior. The six 22" level. Since the time it submitted its application another walled area, similar to the one that will street three 54" antennas at the 42' level at the south this wall will also be painted to blend with the extension of the content of	antennas will be attached to the wall at the 50'. Cingular notified us that it plans to construct screen the equipment cabinets, to flush mount others corner of the building. Cingular stated atterior of the building.
The applicant submitted RF propagation contourand coverage with the site activated. Based on connect for antennas in the vicinity of the proposition meet Cingular's coverage objective of imp	our review of the maps it appears that there is

Tower Coordinator Recommendation:	Recommended:
	Recommended with conditions:
	Not recommended:
Conditions: Conditional	
Conditions: Conditioned on granting of a Spec	al Exception by the Board of Appeals
m./	
- Marini II	5/31/05
Signature	3/3//05



columbia telecom corp

DEPARTMENT OF TECHNOLOGY SERVICES

Douglas M. Duncan County Executive

Alisoun K. Moore Chief Information Officer

MEMORANDUM June 9, 2005

10:

Distribution

FROM:

Robert P. Hunnicutt, Tower Coordinator

Telecommunications Transmission Facility Coordinating Group (TTFCG)

SUBJECT: TTFCG Notice of Action for June 8, 2005 Meeting

At its meeting of June 8, 2005, the Montgomery County TTFCG voted to recommend the following applications:

- Verizon Wireless application to install six 71" dual band panel antennas at the 134' level on an existing 138' PEPCO transmission line tower located at 4270 Sir Walter Road in
- Nextel application to install 12 48" panel antennas at the 90' level on the parapet walls atop the 85' Verizon building located at 13100 Columbia Pike in Silver Spring (Application #200505-02). Three GPS antennas will also be added.
- Nextel application to install 12 48" panel antennas at the 68' level atop the 58' Century 21 building located at 20010 Century Boulevard in Germantown (Application #200505-0.1). Three GPS antennas will also he installed on the ground level equipment shelter.
- Nextel application to install 12-48" panel antennas at the 69' level on the penthouse walls atop the 56' Phillips Office building located at 9420 Key West Avenue in Rockville (Application #200505-06). Two GPS antennas will also be installed.
- Cingular Wireless application to replace nine existing 51" panel antennas with up to nine 55" dual band panel antennas at the 125' level on PEPCO transmission line tower #637-S located at 13900 Pincy Meeting House Road in Rockville (Application #200505-08).
- Cingular Wireless application to replace nine existing 52" panel antennas with up to nine 54" dual hand panel antennas at the 92' level on the six-story Potomac Water Filtration Plant building located at 12200 River Road in Potomac (Application #200505-09).

Office of Cubic and Communication Services 100 Maryland Avenue, Suite 250, Rockville, Maryland 20850 240-773-2288 (CATV) FAX 240-777-3770

. Sizes. Whereas application to construct a new 140' monopole and attach 12 panel antennas (six 48" high and six 71" high) at the 138' level on the Wheaton Park Trolley Museum property located at 1313 Bonifant Road in Colesville (Application #200505-07).

Me-ToworlDocuments/Action Notification/2005 Notices/2005 June8 actionnotice.doc

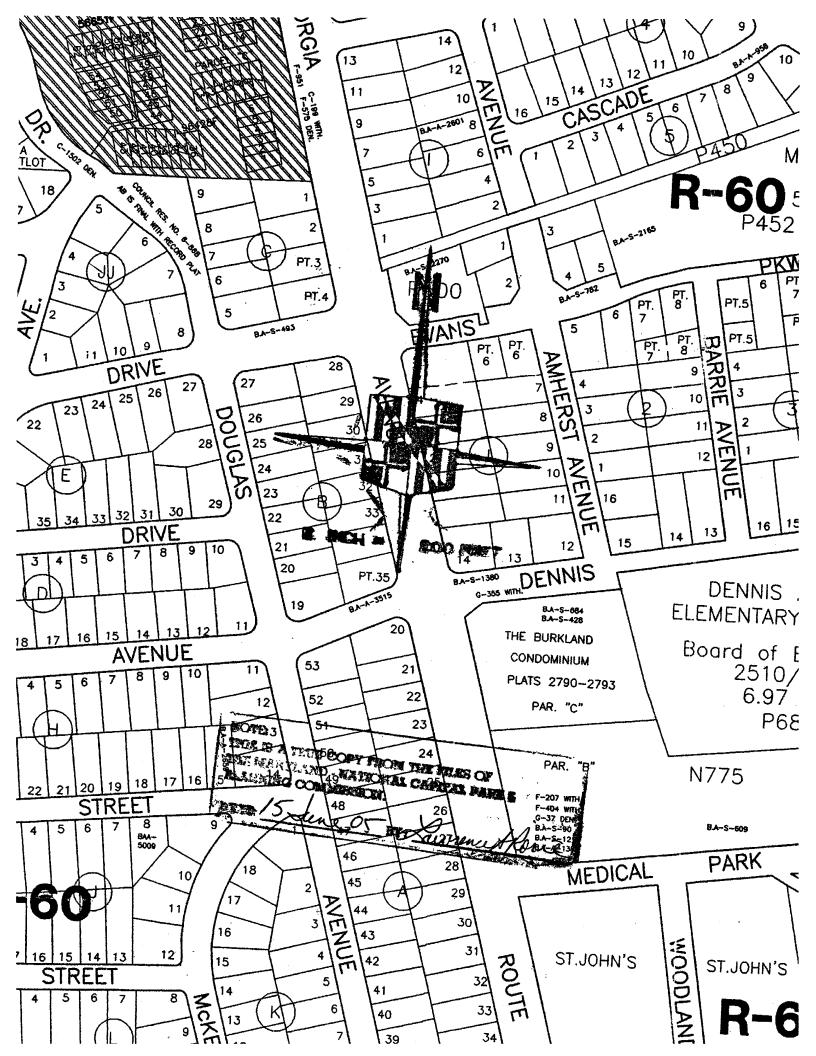
Notice of Action for June 8, 2005 TTFCG Meeting Page 2 of 2

- Cingular Wireless application to replace nine existing 51" panel antennas with up to nine 54" dual band panel antennas at the 170' level on the fourteen-story Chevy Chase building located at 5530 Wisconsin Avenue in Chevy Chase (Application #200505-10).
- Cingular Wireless application to replace nine existing panel antennas with up to nine 55" dual band panel antennas at the 150' level on the 150' Rock Creek Terrace building located at 12360 Veirs Mill Road in Rockville (Application #200505-11).
- Cingular Wireless application to replace nine existing 51" panel antennas with up to nine 55" dual band panel antennas at the 190' level on the existing mounts on the Glenmont water tank located at 12405 Georgia Avenue in Silver Spring (Application #200505-12).
- Cingular Wireless application to replace nine existing 51" panel antennas with up to nine 55" dual band panel antennas at the 151' level on PEPCO transmission line tower #171-N located on Ednor Road in Rockville (Application #200505-13).
- Cingular Wireless application to replace nine existing antennas with nine 54" dual band panel antennas on a 180' monopole on the Wheaton Park Maintenance Yard property located at 12012 Alpert Lane in Wheaton (Application #200505-14).
- Cingular Wireless application to replace nine existing panel antennas with up to nine 54" dual band panel antennas at the 118' level on the 130' Cabin John VFW Post monopole located at 11511 MacArthur Boulevard in Potomac (Application #200505-15).
- Verizon Wireless application to install 12 panel antennas (six 47" and six 71" high) at the 83' level on the penthouse walls of the 65' Baker Confectionary & Tobacco Union building located at 10401 Connecticut Avenue in Kensington (Application #200505-16).

Recommendation conditioned on the applicant obtaining a Special Exception from the Board

- Cingular Wireless application to attach six 22" panel antennas at the 50' level and three 54" panel antennas at the 45' level atop the 39' Burkland Medical Center building located at 10313 Georgia Avenue in Silver Spring (Application #200505-04).
- Verizon Wireless application to construct a new 140' monopole and attach 12 panel antennas (six 48" high and six 71" high) at the 138' level on the Wheaton Park Trolley Museum property located at 1313 Bonifant Road in Colesville (Application #200505-07).

Mc-Tower/Documents/Action Notification/2005 Notices/2005. June8. actionnotice.doc



M-NCPPC

MONTGOMERY COUNTY DEPARTMENT OF PARK AND PLANNING

THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION

8787 Georgia Avenue Silver Spring, Maryland 20910-3760

February 16, 2006

MEMORANDUM

TO:

Carlton Gilbert

Development Review Division

VIA:

Daniel K. Hardy, Supervisor

Transportation Planning

FROM:

David Paine, Planner/Coordinator

Transportation Planning

SUBJECT:

Special Exception No. S-2662

Rooftop Telecommunications Antenna/Cingular Wireless

10313 Georgia Avenue, Silver Spring Kensington/Wheaton Policy Area

This memorandum is Transportation Planning staff's Adequate Public Facilities (APF) review of the subject special exception case for the proposed unmanned telecommunication facility on top of an existing office building.

RECOMMENDATION

Transportation Planning staff recommends no transportation-related conditions to support granting of the subject special exception case. The proposed use will not have an adverse effect on the transportation network within the immediate local area.

DISCUSSION

Site Location and Access

The subject site is located in the southeast quadrant of the intersection of Georgia Avenue (MD 97) and Dennis Avenue. Vehicular access remains via the driveway off of Dennis Avenue. Pedestrian access is provided via a lead-in sidewalk from the existing sidewalk along Georgia Avenue and Dennis Avenue.

Master Plan Roadway and Pedestrian/Bikeway Facilities

The Kensington/Wheaton Master Plan classifies Georgia Avenue as a six-lane divided major highway, M-8, with a recommended minimum right-of-way of 120 feet. Dennis Avenue is classified as an arterial street, A-59, with recommended minimum right-of-way of 80 feet. Dedication along Dennis Avenue has **not** been met. Were this a subdivision case and not a special exception, the applicant would be required to show the centerline of the ROW on filed plans and dedicate 40 feet from that centerline.

Available Transit Service

Bus service is currently available along Georgia Avenue with the following scheduled transit routes: Metrobus routes Q2, Y5, Y7, Y8, Y9.

Local Area Transportation Review

A traffic study was not needed for the subject special exception case to satisfy Local Area Transportation Review because the proposed unmanned telecommunication facility would not add any peak-hour vehicular trips from this existing apartment building. The proposed telecommunication facility would be unmanned and would only require routine inspections or service once or twice a month. Thus, the intersection congestion levels would not be increased during the weekday morning (6:30 to 9:30 a.m.) and evening (4:00 to 7:00 p.m.) peak periods.

Policy Area Transportation Review/Staging Ceiling Condition

Under the FY 2005 Annual Growth Policy, Policy Area Transportation Review is no longer required. This unmanned telecommunication facility would not increase the non-residential development pipeline or "jobs" in the Kensington/Wheaton Policy Area.

DP:gw

cc: Ivy Leung

mmo to Gilbert re Rooftop Telecom S 2666

M-NCPPC

MONTGOMERY COUNTY DEPARTMENT OF PARK AND PLANNING

THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION

8787 Georgia Avenue Silver Spring, Maryland 20910-3760 301-495-4500, www.mncppc.org

February 23, 2006

MEMORANDUM

TO:

Carlton Gilbert, Zoning Supervisor

Development Review Division

FROM:

Khalid Afzal, Team Leader, Georgia Avenue

Community-Based Planning Division

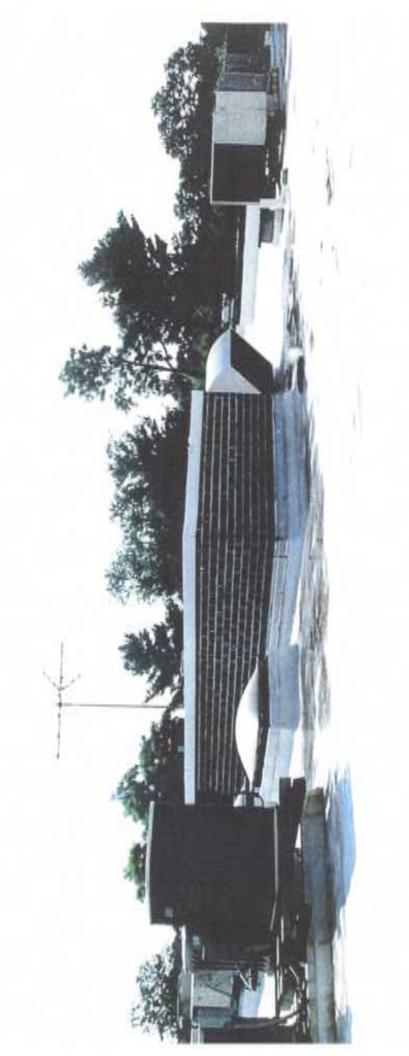
SUBJECT: S-2662

The Special Exception application, S-2662, proposes installation of up to nine wireless telecommunication antennae and related equipment on the rooftop of an existing building located at 10313 Georgia Avenue (at the southeast corner of Georgia Avenue and Dennis Avenue), in the R-60 Zone. The site is located in the 1989 Master Plan for the Communities of Kensington-Wheaton.

The Master Plan does not have any specific recommendations or comments about this site or the proposed use. The application states that up to nine wireless antennae will be installed on the rooftop of the existing medical office building. The proposed antennae will be mounted on a screen wall, which will also shield the related equipment cabinets on the rooftop. The screen wall and the antennae will be no more than 12' high above the roof of the existing building, as shown on Sheet C-1, Site Plan, dated April 11, 2005, Exhibit 2.

Based on the review of the application and the exhibits, Community-Based Planning staff concludes that the proposed installation of up to nine wireless telecommunication antennae on the rooftop of an existing building at this location will not have a significant visual impact on the surrounding neighborhood and, therefore is consistent with the goals and objectives of the Master Plan.

KA:tv: G:/Afzal/SpecialexceptionS-2662 memo.doc



3. Raoftop - showing proposed equipment / antenna (3) location