

STAFF REPORT

TO:

Prairie Village Planning Commission

FROM:

Ron Williamson, BWR, Planning Consultant

SUBJECT:

PC 2009-06: Request for a Special Use Permit for a Wireless Communication

Facility to be Located at Faith Evangelical Church, 4805 W. 67th Street

DATE:

April 7, 2009

BWR Project #2009-0024.01

BACKGROUND INFORMATION:

The first application on this site was for a 120 feet tall monopole located in the southwest corner of the site. The Planning Commission held a Public Hearing on April 1, 2008 and recommended denial of the Special Use Permit to the City Council based on four major issues:

- 1. Co-location with other providers had not been adequately addressed.
- 2. The 120' height was a major objection of the neighbors.
- 3. The availability of the alternative locations was not recently confirmed and propagation maps needed to be provided for potential locations.
- 4. The monopole equipment compound needed to be integrated into the existing church building rather than being an island location in the parking lot. (Some thought the tower should actually be integrated into the building such as a steeple or bell tower.)

Because the action was for denial of the Special Use Permit, the Site Plan was not considered by the Planning Commission. The applicant withdrew the application June 2, 2008, at the City Council meeting and re-filed an application for a shorter monopole along with an equipment compound.

The application was re-filed for an 85 feet high monopole. The proposed monopole had four antenna locations: 80 feet; 70 feet; 60 feet; and 50 feet. T-Mobile would use the top two locations. T-Mobile had the trees surveyed in the area and they are 47 feet – 67 feet in height. This means that the bottom two locations on the monopole would have little if any coverage for additional carriers. The consequences of this were that if other carriers need to provide service in this area more towers will need to be constructed. This raised the issue of fewer taller monopoles versus more shorter monopoles. The equipment compound and monopole were relocated adjacent to the west end of the church and the compound also included an equipment area for an additional carrier.

The Planning Commission held a Public Hearing on the new application on July 1, 2008 and recommended denial based on the findings that the proposed Special Use Permit would adversely affect the welfare or convenience of the public; it would cause substantial injury to the value of other properties in the neighborhood; the architectural style and materials are not compatible with those found in the neighborhood; the location is poor because of the topography of the site; and the inability to provide collocation. Again, since the motion was for denial, the Site Plan was not considered by the Planning Commission. The City Council considered the recommendation of the Planning Commission on July 21, 2008 and denied the application.

Most of the wireless communications facility applications in Prairie Village have either been the installation of antennae and their associated equipment cabinets on buildings or water towers. There are only two towers one is located at City Hall, which is 150 feet in height and the other is at the Fire Station at 90th and Roe Avenue which is 100 feet in height. The Telecommunications Act of 1996 established some parameters when considering a wireless facility and the primary points are as follows:

- A city shall not discriminate among providers.
- A city shall not prohibit or have the effect of prohibiting the installation of wireless services.

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- An applicant must be acted on within a reasonable period of time.
- A decision to deny an applicant for wireless communications must be in writing and supported by substantial evidence.
- The Federal Communications Commission regulates the environmental efforts of radio frequency emissions and a city cannot consider this issue as approving or denying an applicant.

COMMENTS:

The Staff has reviewed the application based on the City's existing policy for wireless communication towers (a copy is attached) as well as the new wireless communications facility ordinance. It should be noted that this application was filed prior to adoption of the new ordinance so it technically is only required to be considered under the policy.

The proposed wireless communications facility is for a 145-foot monopole and equipment compound with potential for four carriers. T-Mobile is the applicant and will use the top two canisters which center at 130 feet and 140 feet. T-Mobile uses two canisters because one is for voice communication and the other is for data. AT&T has requested two lower canisters, one centered at 85 feet and the other at 95 feet. Sprint has also requested a location at 130 feet and needs only one canister. Sprint is requesting the same height T-Mobile plans to use so this will need to be worked out among the carriers. There is a possibility for a fourth carrier at the 105 feet level, but it is not known who that will be. Since AT&T is at the 85 foot height, the monopole could be reduced five feet in height and the canisters for T-Mobile and Sprint lowered five feet.

The equipment compound laid out at the base of the monopole will accommodate the T-Mobile needs only and the other users will need to add new walled compounds to accommodate their equipment needs. The proposed T-Mobile compound is 28 feet by 30 feet and includes the monopole and an emergency standby generator as well as their operating equipment.

Standby emergency generators require site plan approval by the Planning Commission so it needs to be addressed as a part of this application. There are some concerns regarding standby generators; one is noise and the other is the source of fuel. The Johnson County Fire District is concerned about multiple installations of standby generators throughout the City and has recommended that they be directly connected to a natural gas line. T-Mobile is the first carrier to submit a request for a standby generator; however, other carriers have made inquiries. It would be preferable to have one generator at a location rather than one for each carrier. This would minimize the negative aspects of a standby generator and reduce the size of the equipment compounds. The applicant has indicated that they have concerns about liability, operation and management when multiple users are involved. Those issues are probably the same with the tower owner. It would seem reasonable that whoever owns the tower would also provide the standby generator for all carriers at the location and would limit their liability by contract.

The applicant held a public information meeting for the neighbors on March 12, 2009 and a number of people attended. The neighbors asked many questions regarding the application and why this particular location was chosen. The complete summary notes are included for Planning Commission review.

Comments regarding the information submitted are as follows:

1. Validation Study – A study comparing all potential sites within an approximate ½ mile (one mile in new ordinance) radius of the proposed application area. The study shall include the location and capacity of existing towers, potential surrounding sites, a discussion of the ability or inability of the tower site to host a communications facility and reasons why certain sites were excluded from consideration. The study must demonstrate to the City's satisfaction that alternative tower sites are not available due to a variety of constraints. It must also contain a statement explaining the need for the facility in order to maintain the system and include a map showing the service area of the proposed as well as any other existing and proposed towers.

If the use of current towers is unavailable, a reason or reasons specifying why they are unavailable needs to be set out and may include one or more of the following: refusal by current tower owner; topographical limitations; adjacent impediments blocking transmission; site limitations to tower construction; technical limitations of the system; equipment exceeds structural capacity of facility or tower; no space on existing facility or tower; other limiting factors rendering existing facilities or towers unusable.

The applicant has requested approval of this specific location in order to provide both improved coverage and capacity for the residences and vehicular traffic in this portion of Prairie Village. A current gap exists in desired level of service in this area. Initially coverage was the primary concern for carriers, but with the increased use of wireless communications for internet, e-mail, texting, etc., capacity has also become an issue. The applicant has indicated that calls made on the T-Mobile system in this geographic area are susceptible to signal fade, with the end result that a call might be dropped. In-building coverage also is not at an acceptable level. This installation will significantly improve the coverage and capacity which will result in better service to T-Mobile customers.

This location was chosen after a "search ring" was developed and issued by T-Mobile's radio frequency engineering team. The search ring indicates a geographic area in which potential sites may be located that will effectuate the maximum amount of coverage and capacity where service is poor.

Typical considerations in siting communication installations are the ground elevations and clearance above ground clutter, such as buildings or vegetation. In addition, the communications facility must be located in the correct geographical area, to provide continuous coverage to the sites that are indicated on the propagation studies as having poor levels of service.

Typically, site acquisition specialists' first target potential co-location sites that have already been approved within the search ring. This is done in order to minimize the cost of new construction for carriers and in order to meet the spirit and intent of the local regulations that encourage co-location in order to minimize the number of towers in a jurisdiction.

Based upon these considerations, the site selection team reviewed a total of eight locations prior to selecting this location. A brief report on each site was contained in a memo from the applicant dated February 20, 2009, that is a part of this application request.

The following sites were identified by T-Mobile as candidates to meet their coverage objectives and the text was extracted from their application.

- 1. Woodson Avenue Bible Church (67th & Woodson) The SSC Site Acquisition Consultant worked diligently with the Woodson Bible Church for a year negotiating a lease and working to find a suitable place on the property for a cell site. After much deliberation and many meetings, the Site Acquisition Consultant delivered executable leases to the church and was thereafter advised that the congregation was not in favor of the site and they did not want to move forward with the project. Negotiations were ended in approximately June of 2006
- 2. St. Michaels & All Angels (67th & Nall) The SSC Site Acquisition Consultant approached St. Michaels church in June of 2005. There is no place on the building that would offer enough height to attach antennas inside the structure. There is not enough room around the grounds close to the structure to add a bell tower. St. Michael's representatives advised the Site Acquisition Consultant the church was not interested in negotiating a lease.
- 3. Nall Baptist Church (67th & Nall) The SSC Site Acquisition Consultant approached this candidate in late 2005 and attempted to negotiate a lease. During this time period, the church was in the process of expanding their facilities. T-Mobile proposed to add additional height to a Bell tower that the church proposed to add to its facility. When the church's architect looked at the proposal, he did not think that it fit into the overall scheme of the project and the church decided not to move forward with a lease. Moreover, there was also concern with angering some

of the neighbors who were already opposed to the increased height of the proposed Bell Tower that has since been installed.

The City recently requested T-Mobile to re-look at this location for placement of a new monopole on the eastern portion of this property that would be capable of co-location instead of a facility at Faith Evangelical Church (Candidate 5 below) and was told that it would not be an acceptable candidate. Based on the City's interest for co-location, this site has been ruled out as a viable candidate.

- 4. 69th & Roe PV Water Tank (69th Terr. & Roe) This was the first candidate that T-Mobile pursued in 2006. After being advised of failed negotiations between Cingular and the City of Prairie Village, T-Mobile did not believe a site at this location was feasible. Further, it was determined by Water One that it was not certain the water tank would remain on the property; it may be decommissioned. The City recently requested that T-Mobile revisit with Water One to determine when the water tank will be removed and whether that location would be suitable for a new monopole structure capable of co-location. Based on conversations with Mike Armstrong, General Manager for Water One, there is no money in the 2009 Budget to remove the water tank and it is not known when the tank may be removed. Since this is uncertain, this site was ruled out as a viable candidate by the applicant.
- Faith Evangelical Church (67th & Roe) This is the site that has been leased and application is for a 145-foot stealth pole. The new height is the minimum height necessary to prove for colocation for three or more carriers. See attached AT&T Mobility and Sprint co-location letters of interest.
- 6. Homestead Country Club (Homestead & Mission) The Homestead Country Club was approached by SSC and a different Site Acquisition Consultant on two different occasions dating back to 2002. A flagpole was proposed at the entrance of the Club and a light standard at the tennis courts. Ultimately both proposals were rejected by Homestead Country Club. After talking to T-Mobile RF Engineer, Luke Willenbring, this site is now considered a candidate for another search ring and would not cover the intended area described in the subject SARF.
- 7. Village Presbyterian Church (67th & Mission) This site is in a different coverage area for T-Mobile (to the east) and would not cover the intended area described in the subject SARF.
- 8. Johnson County Fire District No. 2 (63rd & Mission) This site is in a different coverage area for T-Mobile (to the east) and would not cover the intended area described in the subject SARF.

The applicant has submitted a propagation study and coverage report that shows the existing coverage without this site and shows the proposed coverage with this site indicating how the coverage would be improved for the users in this location.

2. Photo Simulation – A photo simulation of the proposed facility as viewed from the adjacent residential properties and public rights-of-way.
Photo simulations have been included showing the proposed stealth tower as viewed from the north, south, west and east. The houses to the south on 68th Street are about 20 feet higher in elevation and will see that portion of the tower that extends above the tree line. The trees in this area are approximately 50 feet – 70 feet tall.

3. Co-Location Agreement – A signed statement indicating the applicant's intention to share space on the tower with other providers.

The proposed installation is designed to accommodate four carriers. T-Mobile included a statement in its project description indicating that it intends to share space with other carriers. This should be a condition of approval if the location is approved. Because of the proposed height of the monopole, co-location is feasible.

- 4. Copy of Lease A copy of the lease between the applicant and the land owner containing the following provisions:
 - a. The landowner and the applicant shall have the ability to enter into leases with other carriers for co-location.
 - b. The landowner shall be responsible for the removal of the communications tower facility in the event that the leaseholder fails to remove it upon abandonment.

A copy of the lease agreement between T-Mobile and the Faith Evangelical Lutheran Church shall be submitted as a condition of approval. The agreement should contain an abandonment clause and a co-location clause.

- 5. Site Plan A site plan prepared in accordance with Chapter 19.32 Site Plan Approval.

 The Site Plan submitted generally includes all required information and a complete review is included later in this Staff Report; however, there are some general comments as follows:
 - No landscape plan has been submitted with this application. A landscape plan will need to be prepared and submitted for staff review and approval.
 - The plan needs to note that the brick veneer on the wall is to match the existing church building and the compound needs to be integrated into the existing building. Staff should review and approve the actual brick color before it is installed
 - The Site Plan submitted would be adequate for T-Mobile. Any other carriers would need to submit a Site Plan for their installation for review and approval by the Planning Commission, particularly relative to the design of the equipment compounds.
- 6. Transmission Medium Description of the transmission medium that will be used by the applicant to offer or to provide services and proof that applicant will meet all federal, state, and city regulations and laws, including but not limited to FCC regulations.

 The applicant has been allocated a radio frequency spectrum by FCC and is required to meet all state and federal regulations prior to obtaining a building permit from the City.
- 7. Description of Services Description of services that will be offered or provided by the applicant over its existing or proposed facilities including what services or facilities the applicant will offer or make available to the City and other public, educational and governmental institutions.

T-Mobile is one of the nation's largest wireless service providers and this proposed installation will be part of their digital telephone network that will ultimately provide nationwide coverage. This particular installation is to provide adequate coverage to the local residents, and traveling public in this area. No special services are being offered or made available to the public.

8. Relocated Items – Indication of the specific trees, structures, improvements, facilities and obstructions, if any, that the applicant proposed to temporarily or permanently remove or relocate.

No trees will be removed, but the equipment compound will be located within a grassed area.

Construction Schedule – Preliminary construction schedule including completion dates.
 T-Mobile is unable to specify a construction schedule until such time as a Special Use Permit is granted. Construction is a two to three month process.

- 10. Qualifications and Experience Sufficient detail to establish the applicant's technical qualifications, experience and expertise regarding communications or utility facilities and services described in the application.
 - T-Mobile has many cell sites that have been installed throughout the metro area and has an approved "Radio Frequency Spectrum" from FCC. They have an existing site in Prairie Village at the Delmar Water Tower and have submitted a copy of their FCC License.
- 11. All Required Governmental Approvals Information to establish the applicant has obtained all government approvals and permits to construct and operate communications facilities, including but not limited to approvals by the Kansas Corporation Commission. There is no information included with this application that indicates the existence of any other governmental approvals required, except the licensing of FCC. This tower is approximately 145 feet in height and is in location that would not require approval from FAA. As a condition of approval, T-Mobile should be required to meet all federal, state and local regulations.
- 12. Miscellaneous Any other relevant information requested by City staff.

Staff did not request any additional information relevant to this application.

13. Copies of Co-Location Letters – Copies of letters sent to other wireless communication providers notifying them of the proposed request and inquiring of their interest to colocate.

The application includes a letter from AT&T expressing interest to place antennas centered at 85 feet and 95 feet with a 10 feet by 16 feet equipment box. The Nall Avenue Baptist Church would not serve their needs. Sprint also expressed an interest for co-locating at 130 feet with a 10 feet x 15 feet equipment box. The Nall Avenue Baptist Church would also meet their needs. The applicant has contacted other carriers who also have expressed interest, but has not submitted other specific requests from carriers.

NEW ORDINANCE COMPARISON

The primary difference in the Policy and the Ordinance is the setback requirement.

The new ordinance would require the monopole to setback 145 feet (the height of the monopole) from the property lines unless a waiver or reduction were granted by the City Council. This monopole sets back approximately 90 feet from the west property line; 82 feet from the south property line; 164 feet from the north property line and 310 feet from the east property line.

FINDINGS OF FACT:

The Planning Commission shall make findings of fact to support its recommendation to approve, conditionally approve or disapprove the Special Use Permit. In making its decision, consideration should be given to any of the following factors that are relevant to the request:

1. The proposed special use complies with all applicable provisions of these regulations including intensity use regulations, yard regulations, and use limitations. The location of the monopole appears to meet all the setback requirements of the policy. The compounds for T-Mobile and other carriers must be 25' from the rear property line. The proposed monopole is 145 feet in height, which is less than the 150 foot maximum height set out in the City's policy and new ordinance.

2. The proposed special use at the specified location will not adversely affect the welfare or convenience of the public.

The installation of the tower should be a benefit to the community in that it would improve coverage and capacity for users in immediate neighborhood as well as the travelling public. Several e-mails from area residents have been submitted supporting the installation. On the other hand, immediate neighbors have expressed opposition in that the installation would adversely affect their welfare because it would negatively affect the aesthetics and character of the neighborhood. Several letters are attached from area residents requesting denial of the application.

- 3. The proposed special use will not cause substantial injury to the value of other properties in the neighborhood in which it is to be located.
 - Those opposing the cell tower have stated in their letters that the monopole would adversely impact property values. No expert testimony to that issue has been submitted. In order to find that the facility would cause substantial injury, there needs to be technical or expert documentation.
- 4. The location and size of the special use, the nature and intensity of the operation involved in or conducted in connection with it, and the location of the site with respect to streets giving access to it, are such that this special use will not dominate the immediate neighborhood so as to hinder development and use of neighboring property in accordance with the applicable zoning district regulations. In determining whether the special use will so dominate the immediate neighborhood, consideration shall be given to: (a) the location, size and nature of the height of building structures, walls and fences on the site; and (b) the nature and extent of landscaping and screening on the site.

The Faith Evangelical Lutheran Church is on a site of approximately three acres. It also should be pointed out that the neighborhood is totally developed; the closest residence which is located to the west is approximately 116 feet away from the proposed monopole and therefore, not immediately adjacent to the installation itself. The monopole, however, is 90 feet from the west property line. There is a significant amount of vegetation on the site that screens the facility from the south, but additional plant materials may need to be added as part of this application. The compound is attached to the church building which helps to integrate it into the existing development. The proposed monopole is 145 feet in height which obviously will be the tallest structure in the area.

- 5. Off-street parking and loading areas will be provided with standards set forth in these regulations, and areas shall be screened from adjoining residential uses and located so as to protect such residential uses from any injurious effect.
 - Additional off-street parking will not be necessary for this particular use because there will be no permanent staff on the site. Service people will be available on site periodically to maintain the equipment, and of course, when installation occurs. The existing church parking lot that is provided on the site will be adequate for this need.
- 6. Adequate utility, drainage, and other such necessary facilities have been or will be provided.

Water, sewer and power services to this site should be adequate because there will be no permanent occupancy by people. There will be a need for a gas line if the standby generator is approved. It should be noted however that the proposed installation may have additional impervious surface and that a storm drainage master plan will need to be prepared and submitted to Public Works for their review and approval.

 Adequate access roads or entrance and exit drives will be provided and shall be so designed to prevent hazards and to minimize traffic congestion in public streets and alleys.

Existing church parking lot will be used for access will be more than adequate to handle the traffic generated by this use.

- 8. Adjoining properties and the general public shall be adequately protected from any hazardous or toxic materials, hazardous manufacturing process, obnoxious odors, or unnecessary intrusive noises.
 - The proposed tower and equipment installation will not have any hazardous or toxic materials, obnoxious odors, or intrusive noises that will affect the general public. The proposed generator shall provide adequate sound attenuation.
- 9. Architectural style and exterior materials are compatible with such style and materials used in the neighborhood in which the proposed structure is to be built or located. The architectural style and materials are typical of those used for utility type electrical poles and monopoles that are frequently found in urban neighborhoods. This monopole will have more of the appearance of a flagpole and no antennas will be visible from the exterior. The screening wall surrounding the equipment compound at the base of the tower will be brick and the brick will match the building on the site. Having the compound attached to the church will improve the appearance of the site and present a more compatible site plan. The applicant also has indicated they are willing to cover the equipment compounds with a roof or roofs to that they will appear more as additions to the existing structure. This will help screen the equipment compounds from the residents on 68th Terrace. The proposed monopole is a bronze color and the Planning Commission has indicated a preference for a hot dipped galvanized finish.

RECOMMENDATION:

After a review of the proposed application in relation to the nine factors previously outlined, the Planning Commission shall make findings of fact and may either recommend approval of the Special Use Permit with or without conditions, recommend denial, or continue it to another meeting. In granting this Special Use Permit, however, the Planning Commission may impose such conditions, safeguards, and restrictions upon the premises benefited by the approval of the Special Use Permit as may be necessary to reduce or mitigate any potentially injurious effect on other property in the neighborhood. If the Planning Commission recommends approval of the Special Use Permit to the City Council, it is suggested that the following conditions be included:

- The initial approval of the Special Use Permit shall be for a maximum of five years. At the end of the five year period, the applicant shall resubmit the application to the Planning Commission and shall demonstrate to the satisfaction of the Planning Commission that a good faith effort has been made to cooperate with other providers to establish co-location at the tower site, that a need still exists for the tower and that all the conditions of approval have been met. The application may then be extended for an additional ten years.
- 2) This Special Use Permit will be approved for four carriers and each carrier will be required to submit a Site Plan to the Planning Commission for their installation.
- 3) The monopole shall maintain a hot dipped galvanized finish and be reduced to 140 feet in height.
- 4) The tower shall not be lit, but security lighting around the base of the tower may be installed provided that no light is directed toward an adjacent residential property.
- 5) The maximum height for this communication tower shall be 145 feet plus a lighting rod not exceeding four feet.
- 6) If the tower is not operated for a continuous period of 12 months it shall be considered abandoned and the owner of such tower shall remove the same within 90 days after receiving notice from the City. If the tower is not removed within that 90 day period, the governing body may order the tower removed and may authorize the removal of such tower at the owner's expense.

- 7) The construction plans for the tower shall be prepared and sealed by a structural engineer licensed in the State of Kansas. Construction observation shall be provided by the design engineer provided that said engineer is not an employee of the tower's owner or the tenant. If the design engineer is an employee of the owner and independent engineer will be required to perform construction observation.
- 8) Adequate screening of the equipment cabinets located at the tower base shall be provided by an eight foot solid brick wall attached to the church and a roofed structure. The brick shall match the brick of existing church building. All equipment cabinets shall be adequately secured to prevent access by other than authorized personnel.
- The applicant shall submit a Stormwater Management Plan for review and approval of Public Works.
- The applicant shall have a structural inspection of the tower performed by a licensed professional engineer prior to every renewal and submit it as a part of the renewal application.
- 11) Any wireless communication facility, tower or antenna which is not structurally maintained to a suitable degree of safety and appearance (as determined by the City and any applicable law, statute, ordinance, regulation or standard) and which is found not to be in compliance with the terms of the Special Use Permit will become null and void within 90 days of notification of noncompliance unless the noncompliance is corrected. If the Special Use Permit becomes null and void, the applicant will remove the facility tower antenna and all appurtenances and restore the site to its original condition.
- The permittee shall keep the property well maintained including maintenance and replacement of landscape materials; free of leaves, trash and other debris; and either regularly cleaning up bird droppings or installing anti-perch devices that prevent birds from perching on the installation.
- In the future should the levels of radio frequency radiation emitted be determined to be a threat to human health or safety, the wireless communication facility, tower or antenna shall be rectified or removed as provided for herein. This finding must be either mandated by any applicable law, by federal legislative action, or based upon regulatory guidelines established by the FCC.
- In order to ensure structural integrity, all wireless communication facilities, towers and antennae shall be constructed and maintained in compliance with all applicable local building codes and the applicable standards for such facilities, towers and antennae that are published by the Electronic Industries Alliance.
- All wireless communication facilities, towers and antennae shall meet or exceed all minimum structural and operational standards and regulations as established by the FCC, FAA, EPA and other applicable federal regulatory agencies. If such standards and regulations are changed, then all facilities, towers, and antennae shall be brought into compliance within six (6) months of the effective date of the new standards and regulations, unless a more stringent compliance schedule is mandated by the controlling federal agency.
- 16) It shall be the responsibility of any permit holder to promptly resolve any electromagnetic interference problems in accordance with any applicable law or FCC regulation.
- 17) A copy of the lease between the applicant and the landowner containing the following provisions:
 - 1. The landowner and the applicant shall have the ability to enter into leases with other carriers for co-location.
 - 2. The landowner shall be responsible for the removal of the communications tower facility in the event that the leaseholder fails to remove it upon abandonment.

18) Information to establish the applicant has obtained all other government approvals and permits to construct and operate communications facilities, including but not limited to approvals by the Kansas Corporation Commission.

SITE PLAN

If the Planning Commission recommends favorably on the Special Use Permit, then it must also review and approve the Site Plan.

The Planning Commission shall give consideration to the following criteria in approving or disapproving the site plan:

- A. The site is capable of accommodating the buildings, parking area, and drives for the appropriate open space and landscape.
 - The site is approximately three acres in area with 410 feet of frontage on 67th Street and 365 feet of frontage on Roe Avenue. The site is not a rectangle, however, because the south property line has an irregular alignment. The site adequately provides for the church buildings, parking and circulation. The footprint proposed equipment compounds is approximately 2,000 square feet which can easily be accommodated on the site. The south end of the lot has natural tree cover that will provide screening from the south.
- B. Utilities are available with adequate capacity to serve the proposed development.

 The property is currently served with all utilities and the proposed improvements will not create the demand for additional utilities. No additional needs are contemplated for water and sewer services.
- C. The Plan provides for adequate management of stormwater runoff.

 The site sheet drains from north to a ditch along the south property line. The proposed project will create additional impervious areas and a Stormwater Management Plan that shows how stormwater will be handled will need to be prepared and submitted to Public Works for review and approval.
- D. The plan provides for safe and easy ingress, egress, and internal traffic circulation.

 The existing church parking lot will be used for access to the proposed wireless communications installation and it is more than adequate to handle the traffic generated by this use.
- E. The plan is consistent with good planning and site engineering design principles.

 The Site Plan appears to be well thought out and the proposed project has been integrated into the existing building on the site. The parking and circulation on the site are not affected and the walls surrounding the equipment compounds will be a matching brick with the existing building.
- F. An appropriate degree of compatibility will prevail between the architectural quality of the proposed building and the surrounding neighborhood.

 There really are two parts of this use: the monopole and the equipment compounds. The monopole will have the architectural style of a utility pole that are frequently found throughout the area however it will be much toller at 145 feet. It will be a bet dispend galvesized finish that will

monopole will have the architectural style of a utility pole that are frequently found throughout the area however it will be much taller at 145 feet. It will be a hot dipped galvanized finish that will blend somewhat with the sky. All equipment compounds will be screened by a brick wall that matches the brick of the church and will be covered by a roof so that they appear more as additions to the building. These roofed equipment compounds will help screen from the higher properties to the south.

Village. It can be argued that wireless communications facilities detract from the quality of life

G. The plan represents an overall development pattern that is consistent with the comprehensive plan (Village Vision) and other adopted planning policies.

The Village Vision does not address wireless communication facilities or other utilities in specific terms. However, the overall strategy of Village Vision is to improve the quality of life in Prairie

because of their appearance while on the other hand some would argue that in today's world, telecommunications is a necessity and must be provided in order to meet the needs of the residents. The Village Vision also encourages a variety of housing choices to attract young people to move into the City. This younger generation does not use landlines and one of the factors that are needed to attract them is high quality communication.

RECOMMENDATIONS:

It is the recommendation of the Staff that if the Planning Commission approves the Special Use Permit that it also approve the Site Plan subject to the following conditions:

- 1. The applicant shall comply with all the conditions of approval for the Special Use Permit.
- 2. That the applicant shall provide plans and elevations to Staff for the structures that will enclose the equipment compounds for review and approval of design and materials.
- 3. That the applicant provide a landscape plan for staff review and approval.
- 4. That the applicant propose Stormwater Management Plan to be submitted to and approved by Public Works.
- 5. That Site Plan approval by the Planning Commission be required for all additional carriers.



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Curtis M. Holland (913) 234-7411 cholland@polsinelli.com

February 27, 2009

City of Prairie Village 7700 Mission Road Prairie Village, KS 66208

Re: Special Use Permit Application for 145' T-Mobile wireless facility at Faith Evangelical Lutheran Church located at 4805 W. 67th Street.

Dear City:

Enclosed, please find the revised application for Special Use Permit for the above-referenced site ("Application"). The Application is being submitted for the purposes of settling the lawsuit filed by T-Mobile against the City for its August 4, 2008 denial of T-Mobile's application for an 85' tall stealth pole at this same location (Case No.: 08-CV-2400-DJW).

T-Mobile's need for a new wireless facility to improve its wireless services in this area is well documented. The Application is the third application submitted to the City for a new facility at this location. The first application, submitted on January 31, 2008, was for a 120' tall stealth pole, and was situated near the southern property line of the subject property. This application was withdrawn by T-Mobile following complaints from area residents that the proposed structure was too close to residential homes located to the south. The second application, submitted on June 4, 2008, was for an 85' tall stealth pole, and was relocated north on the property and situated near the main church building. As mentioned, the City denied this application on August 4, 2008, and this denial is now the subject of a pending appeal filed by T-Mobile against the City. As a result of the earlier proceedings on these applications, there exists an extensive record documenting T-Mobile's needs for improved service in this area and the site selection process. This record has now been certified to the U.S. District Court for the District of Kansas in the pending appeal (the "Certified Record"). Pursuant to agreement with the City's Special Counsel, Steve Horner and William Mallory, the Certified Record is hereby incorporated by reference and shall be made part of record in the Application. See attached CD labeled Record on Appeal (1st and 2nd Application).

It has also been agreed between the parties that the Application shall be governed by the City's existing regulations and policies governing the approval of wireless communication towers, and shall not be subject to the Proposed Amendments for Wireless Communication Facilities now being considered by the City Planning Commission and Governing Body. Much of the required

Overland Park Kansas City St. Louis Chicago Denver Phoenix Washington, DC New York

Polsinelli Shughart PC City of Prairie Village February 27, 2009 Page 2

information for applications for new communication facilities is contained within the Certified Record. The parties have agreed it would be burdensome and unnecessary to copy and resubmit documents already contained in the Certified Record, and have agreed to an abbreviated submission of additional documents to further support the Application.

Based on the foregoing, please find enclosed the completed Application. The parties have agreed that the Application is to be considered by the Planning Commission at its meeting on April 7, 2009, by the Committee of the Whole at its meeting on April 20, 2009 and by the City Council at its meeting on May 4, 2009.

Sincerely,

POLSINELLI SHUGHART PC

Curtis M. Holland

SPECIAL USE PERMIT APPLICATION

CITY OF PRAIRIE VILLAGE, KANSAS	For Office Use Only Case No.: PC 2009 - 06 Filing Fees: 900 Deposit: 9500 Date Advertised: 3/10/09 Date Notices Sent: Public Hearing Date: 4/1/09
APPLICANT: T-Mobile, represented by Polsinelli Shu	ughart (Curtis M. Holland)
PHONE (913) 451-8788	
ADDRESS: 6201 College Boulevard, Suite 500	, Overland Park, KS ZIP: 66211
OWNER: Faith Lutheran Evangelical Church	PHONE: (913) 722-3515
ADDRESS: 4505 W. 67 th Street	ZIP: <u>66208</u>
LOCATION OF PROPERTY: 4805 W. 67 th	Street
LEGAL DESCRIPTION: See Attached Legal	Description
ADJACENT LAND USE AND ZONING:	
Land Use	Zoning
North Residential	R-1A
South Residential Residential	R-1A R-1A
West Residential	R-1A
Present Use of Property: Residential/Church	. <u></u> -
Proposed Use of Property: Existing use and addit facility and associated ground equipment	ion of a 145' low-profile communications
Please complete both pages of the form and return Planning Commission Secretary City of Prairie Village 7700 Mission Road Prairie Village, KS 66208	າ to:

Does the proposed special use meet the following standards? If yes, attach a separate Sheet explaining why.

		Yes	No 5
1.	Is deemed necessary for the public convenience at that location.	X	
2.	Is so designed, located and proposed to be operated that the public health, safety, and welfare will be protected.	X	
3.	Is found to be generally compatible with the neighborhood in which it is proposed.	Χ.	
4.	Will comply with the height and area regulations of the district in which it is proposed.	X	
5.	Off-street parking and loading areas will be provided in accordance with the standards set forth in the zoning regulations, and such areas will be screened from adjoining residential uses and located so as to protect such residential use from any injurious effect.	X	
6.	Adequate utility, drainage, and other such necessary facilities have been or will be provided.	X	
Sho	ould this special use be valid only for a specific time period? Yes	No	<u> </u>
	If Yes, what length of time?		٠.
SIG	ENATURE: Jarth Welch DATE	=: 27 Fe	mary lee of
	Garth Adcock	·	
TIT	LE: Site Development Manager / ASDN14		

Attachments Required:

- Site plan showing existing and proposed structures on the parent parcel, and adjacent property, off-street parking, driveways, and other information.
- Certified list of property owners

AFFIDAVIT

STATE OF KANSAS)	
)	SS
COUNTY OF JOHNSON)	

<u>J. Trevor Wood</u>, being duly sworn upon his oath, disposes and states:

That he is the agent of lessor for the tract of land for which the application was filed. That in accordance with Section 19.28.025 of the Prairie Village Zoning Regulations, the applicant placed and maintained a sign, furnished by the City, on that tract of land. Said sign was a minimum of two feet above the ground line and within five feet of the street right-of-way line in a central position of the tract of land and had no visual obstruction thereto.

Agent for T-Mobile

Subscribed and sworn to before me this 3d day of Arrive, 2009

MEGAN BROWN

Notary Public - State of Kansas

My Appt. Expires 7/10/2012

dary Public or Planning Commission

Secretary

<u>J. Tre</u>	vor Wo	od, being duly sworn	upon his oath,	deposes and s	tates:	
	 I am the attorney for the property described in the attached notice upon which an application has been filed before the Planning Commission of the City of Prairie Village, Kansas. 					
	2.	On the 12th day of was held pursuant to 2000, by the Plannin	rticipation Poli			
3. On the day of Mar, 2009, I did comply with notification requirements to landowners as stated in Section 19.28.0 of the Prairie Village Zoning Regulations and notified in letter by certified mail all owners of land located within 200 feet of the described real property. Notice was mailed to the following:						20,
		Name	<u>P</u>	<u>ddress</u>		
Pleas 2009	e see a	ttached list certified b	y First America	an Title Corpora	ation on February	17,
					Δ.	
	I certif	y that the foregoing is Nocan Blow	•		ame	
	No M	MEGAN BROWN stary Public - State of Kans Appt. Expires <u> </u>	as	OPKS AC	110th 5t. Ste Idress 66210	
					38-1100 none)

CERTIFICATE

First American Title Kansas Agency, Inc. hereby certifies that, according to the Johnson County Department of Records and Tax Administration, the owner(s) of the below shown property(ies) (OF251216-2011 [Situs address: 6700 Roe Avenue]) is: Faith Evangelical Lutheran Church, 4805 W 67th Street, Prairie Village, KS 66208. The ownership of the properties within 200 feet of the following legal description listed is correctly set forth attached hereto:

ALL OF THE PART OF THE SOUTHWEST QUARTER OF SECTION 16, TOWNSHIP 12, RANGE 25 IN JOHNSON COUNTY, KANSAS, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF SAID SOUTHWEST QUARTER; THENCE SOUTH ALONG THE EAST LINE OF SAID SOUTHWEST QUARTER A DISTANCE OF 390 FEET; THENCE SOUTH 90 DEGREES WEST A DISTANCE OF 275.54 FEET; THENCE NORTH PARALLEL TO THE EAST LINE OF SAID SOUTHWEST QUARTER A DISTANCE OF 153.27 FEET; THENCE SOUTH 50 DEGREES 10 MINUTES 30 SECONDS WEST A DISTANCE OF 203.79 FEET; THENCE NORTH AND PARALLEL TO THE EAST LINE OF SAID SOUTHWEST QUARTER A DISTANCE OF 335 FEET TO THE NORTH LINE OF SAID SOUTHWEST QUARTER; THENCE EAST ALONG THE NORTH LINE OF SAID SOUTHWEST QUARTER A DISTANCE OF 450.60 FEET TO THE POINT OF BEGINNING, EXCEPT THAT PART USED OR DEDICATED FOR STREETS, ROADS, OR HIGHWAYS.

This Certificate No. 944552-U2 is made upon the mutual understanding that First American Title Kansas Agency, Inc. has not examined all instruments and proceedings in the chain of title to the ownerships attached hereto; that such certificate is not a guarantee of title and that First American Title Kansas Agency, Inc. shall not be liable for defects in the title to said described real estate.

Dated February 17, 2009 in Olathe, Kansas at 8:00 A.M.

First American Title Kansas Agency, Inc.

And Rees

Jeffrey Reese

Kansas Title Production Manager

1. PARCEL ID: 0F251216-2012

OWNER: Harold D. Neptune, Trustee

Harold D. Neptune Trust

ADDRESS: 4722 W 68th Street

Prairie Village, KS 66208

2. PARCEL ID: 0F251216-2013

OWNER: Christopher G. Wooldridge and Jane H. Wooldridge

ADDRESS: 4810 W 68th Street

Prairie Village, KS 66208

3. PARCEL ID: 0F251216-2014

OWNER: Jay P. Julian

ADDRESS: 6740 Roe Avenue

Prairie Village, KS 66208

4. PARCEL ID: 0F251216-2015

OWNER: John S. Faerber

Katherine N. Faerber George L. Peterson

ADDRESS: 4806 W 68th Street

Prairie Village, KS 66208

5. PARCEL ID: 0F251216-2016

OWNER: Aleta J. Cress

ADDRESS: c/o 13516 Spinning Wheel Drive

Germantown MD 20874-2821

6. PARCEL ID: OF251216-2023

OWNER: Que #3, LLC

ADDRESS: c/o 8008 Floyd Street

Overland Park KS 66204

7. PARCEL ID: 0F251216-2024

OWNER:

Curtis R. Catenhauser

ADDRESS:

4821 W 67th Street Prairie Village KS 66208

8. PARCEL ID:

OF251216-2025

OWNER:

Loredana B. Molteni, Trustee Loredana B. Molteni Rev Trust

ADDRESS:

c/o 4808 W 81st Street Prairie Village KS 66208

9. PARCEL ID:

OF251216-2031

OWNER:

Michael A. Robinson and Gina M. Robinson

ADDRESS:

4820 W 68th Street Prairie Village KS 66208

10. PARCEL ID:

OP07500001 0009

OWNER:

Ravi Dasari

ADDRESS:

4700 W 67th Street Prairie Village KS 66208

11. PARCEL ID:

OP07500001 0010

OWNER:

Michael D. Dunn and Terri J. Dunn

ADDRESS:

4708 W 67th Street Prairie Village KS 66208

12. PARCEL ID:

OP07500001 0011

OWNER:

Leo R. Goertz, Trustee Leo R. Goertz Trust

ADDRESS:

4716 W 67th Street Prairie Village KS 66208

13. PARCEL ID:

OP07500001 0012

OWNER:

Patrick H. Ink

ADDRESS:

4800 W 67th Street

Prairie Village KS 66208

14. PARCEL ID:

OP07500001 0013

OWNER:

William F. Tiernan and Bette B. Tiernan

ADDRESS:

4806 W 67th Street Prairie Village KS 66208

15. PARCEL ID:

OP07500001 0014

OWNER:

Catherine Chrichton-Reed

Ronald L. Reed

ADDRESS:

4810 W 67th Street

Prairie Village KS 66208

16. PARCEL ID:

OP07500001 0015

OWNER:

Deborah Shouse, Trustee

Deborah Shouse Trust

ADDRESS:

6619 Hodges Drive

Prairie Village KS 66208

17. PARCEL ID:

OP13000002 0014

OWNER:

Carolyn E. Novinger

ADDRESS:

4608 W 67th Street

Prairie Village KS 66208

18. PARCEL ID:

OP55000010 0018A

OWNER:

Larry D. Kamin

ADDRESS:

6701 Roe Avenue

Prairie Village KS 66208

19. PARCEL ID:

OP55000010 0018B

OWNER:

Brian D. Egan and Jennifer L. Egan

ADDRESS:

6705 Roe Avenue

Prairie Village KS 66208

20. PARCEL ID:

OP55000010 0019

OWNER:

Mary Rogers

ADDRESS:

6711 Roe Avenue

Prairie Village KS 66208

21. PARCEL ID:

OP55000010 0020

OWNER:

Cynthia Anderson, Trustee Cynthia Anderson Rev Trust

ADDRESS:

c/o 6118 Reinhardt Drive

Fairway KS 66205

22. PARCEL ID:

OP55000010 0021

OWNER:

Karen L. Miller

ADDRESS:

6725 Roe Avenue

Prairie Village KS 66208

23. PARCEL ID:

OP55000010 0022

OWNER:

Christopher D. Gray

ADDRESS:

6731 Roe Avenue

Prairie Village KS 66208

24. PARCEL ID:

OP55000010 0023

OWNER:

Thompson Real Estate, LLC

ADDRESS:

6735 Roe Avenue

Prairie Village KS 66208

25. PARCEL ID:

OP55000010 0024A

OWNER:

Karen Rutherford

ADDRESS:

6739 Roe Avenue

Prairie Village, KS 66208

26. PARCEL ID:

OP55000010 0024B

OWNER:

Tina M. Brennan

ADDRESS:

c/o 12850 Pembroke Circle Leawood KS 66209

TO: All property owners within 200' of 4805 W. 67th Street

There will be a neighborhood meeting in the Multi-purpose Room of the Prairie Village, Kansas Municipal Building, 7700 Mission Road, Prairie Village, Kansas 66208 at 6:00 p.m. on March 12, 2009.

The purpose of the meeting is to discuss a proposed wireless facility on the above-referenced property (City of Prairie Village Application PC 2009-06), as depicted on the plans enclosed herewith.

The Planning Commission of the City of Prairie Village, Kansas will hold a Public Hearing at their regular meeting on Tuesday, April 7th, 2009 at 7:00 p.m. in the Council Chamber of the Municipal Building, 7700 Mission Road, Prairie Village, Kansas, to discuss the project. You will receive a separate notice of that hearing.

Applicant: Selective Site Consultants, Inc., Agent for T-Mobile Zoning: R-1A

Legal Description of Property

All of the part of the Southwest Quarter of Section 16, Township 12, Range 25 in Johnson County, Kansas, described as follows:

Beginning at the Northeast corner of said Southwest Quarter; thence South along the East line of said Southwest Quarter a distance of 390 feet; thence South 90 Degrees West a distance of 275.54 feet; thence North parallel to the East line of said Southwest Quarter a distance of 153.27 feet; thence South 50 Degrees 10 Minutes 30 Seconds West a distance of 203.79 feet; thence North and parallel to the East line of said Southwest Quarter a distance of 335 feet to the North line of said Southwest Quarter; thence East along the North line of said Southwest Quarter a distance of 450.60 feet to the point of beginning.

Please contact me should you have any questions regarding the location of the meeting place or the subject of the meeting. My number is (913) 438-7700.

1 16

Respectfully

J. Trevor Wood SSC, Inc.

T-Mobile – PC 2009-06

Notes of Neighborhood meeting 3-12-2009 (6:00 p.m. Multi-purpose Room)

Attending, for T-Mobile:

Garth Adcock, T-Mobile Real Estate Manager

Curtis M. Holland, Polsinelli Shughart

Trevor Wood, SSC, Inc.

Attending, for City:

Dennis J. Enslinger, Assistant City Administrator

Attending for Lessor:

Pastor Peter, Faith Evangelical Lutheran Church

Attending, from the neighborhood:

Please see attached list.

NOTES:

Mr. Holland started the meeting at 6:05 p.m.

Mr. Holland explained the chronology of T-Mobile's efforts to obtain improved coverage in Prairie Village. Mr. Holland explained that a prior application made on this same parcel is presently under litigation. Mr. Holland explained that T-Mobile is attempting to present the shortest pole that will accommodate the greatest number of carriers, and to minimize the intrusion of the ground equipment.

Mr. Holland explained T-Mobile has been in the process of attempting to implement a site in this coverage area for four (4) years. Mr. Holland indicated that several applications have been made to attempt to implement service in the area.

Mr. Holland explained that other carriers have a need in this area, and have expressed a willingness to collocate on this site subject to obtaining certain heights above ground level. Accommodating those carriers has driven the need for the additional height at this facility.

Mr. Holland explained the antennas on the pole are proposed to be flush-mounted to the pole so it will not look like the pole at City Hall, with exposed antennas.

Mr. Adcock explained that there is large demand for improved wireless service in Prairie Village, and that this demand is driving the need for the site, not just for T-Mobile, but for other providers.

Mr. Holland explained that, whatever height the pole might be approved at, T-Mobile will be at the top of the pole, having made the application.

Some neighbors asked about the coverage area of T-Mobile based upon the newly proposed height. Mr. Adcock confirmed the project would have an improved footprint with antennas at the top of a 145' pole versus a lower pole, but that the coverage area would fluctuate based upon leaves on trees.

Mr. Holland noted that citizens live with many visible forms of infrastructure, as a trade-off to receiving the service from, e.g., water tanks, power lines, phone lines. Cell service is no different and customers are demanding improved service that allows wireless phones to do more than just allow phone calls. Mr. Adcock reiterated that in the next 3-5 years, it is expected that data usage will overtake voice usage on wireless networks, where right now, voice accounts for the great majority of facilities. Mr. Adcock advised the citizens in the audience that 2 of every 3 T-Mobile cell sites are collocations.

Some neighbors asked additional questions regarding the following topics:

- 1. Why could T-Mobile not place the site at another Church to the West where the ground is higher? Mr. Holland and Mr. Adcock responded the area of coverage concern is in the area where the application is proposed.
- 2. Why could T-Mobile not use the fire station to the East, on Mission Road? Mr. Adcock explained an additional site in that area (along Mission) will likely be presented in the future, as that area represents a separate coverage need.
- 3. What would happen to the pole when this technology is no longer needed? Mr. Holland and Mr. Adcock advised that cell sites will be needed for the foreseeable future, but that if the pole is ever no longer needed, T-Mobile will be obligated, pursuant to the lease, to remove the pole.
- 4. Why not propose numerous, shorter poles? Mr. Adcock and Mr. Holland stated that such a concept would lead to a greater number of applications for wireless facilities in the City, all with likely the same opposition regardless of height. It was noted that when an 85' pole was proposed at the same location there was also significant opposition, so height does not appear to play as large a role as one might believe.
- 5. Why not build something architecturally compatible with and integrated in to the Church? Mr. Adcock and Mr. Holland stressed that it would be difficult to construct an element architecturally compatible with the church when the height of the structure would be around twice the height of the church.
- 6. Will the church gain financially from other carriers collocating on the site? It was explained future carriers will need to negotiate a ground lease with the Church to collocate on the site, so the church would derive additional revenue from such colocation.

- 7. Why not use repeaters to repeat the signal from further away sites? Mr. Adcock explained that repeaters have very limited use and are largely incompatible with T-Mobile's data service/3G platform.
- 8. Why not place the tower in the court yard, directly at the corner of 67th and Roe? It was explained the site chosen appears to be the best for integrating the site in to the church architecturally, reducing its prominence and adhering to the demands of the lessor, Faith Lutheran Church.
- 9. Why not look at other sites? Mr. Holland explained that over four (4) years, T-Mobile has considered all sites in the area and this is the best site for the tower.

The meeting was cordial. Mr. Holland thanked the neighbors for coming to the meeting and expressing their concerns. The meeting was concluded at approximately 7:10 p.m. Mr. Enslinger reminded the neighbors that the Planning Commission would consider the matter at its regular meeting on April 7, 2009.



6201 College Boulevard, Suite 500 Overland Park, KS 66211 (913) 451-8788 Facsimile: (913) 451-6205 www.polsInelli.com

Curtis M. Holland (913) 234-7411 cholland@polsinelli.com

February 27, 2009

City of Prairie Village 7700 Mission Road Prairie Village, KS 66208

Re: Special Use Permit Application for 145' T-Mobile wireless facility at Faith

Evangelical Lutheran Church located at 4805 W. 67th Street.

Dear City:

Enclosed, please find the revised application for Special Use Permit for the above-referenced site ("Application"). The Application is being submitted for the purposes of settling the lawsuit filed by T-Mobile against the City for its August 4, 2008 denial of T-Mobile's application for an 85' tall stealth pole at this same location (Case No.: 08-CV-2400-DJW).

T-Mobile's need for a new wireless facility to improve its wireless services in this area is well documented. The Application is the third application submitted to the City for a new facility at this location. The first application, submitted on January 31, 2008, was for a 120' tall stealth pole, and was situated near the southern property line of the subject property. This application was withdrawn by T-Mobile following complaints from area residents that the proposed structure was too close to residential homes located to the south. The second application, submitted on June 4, 2008, was for an 85' tall stealth pole, and was relocated north on the property and situated near the main church building. As mentioned, the City denied this application on August 4, 2008, and this denial is now the subject of a pending appeal filed by T-Mobile against the City. As a result of the earlier proceedings on these applications, there exists an extensive record documenting T-Mobile's needs for improved service in this area and the site selection process. This record has now been certified to the U.S. District Court for the District of Kansas in the pending appeal (the "Certified Record"). Pursuant to agreement with the City's Special Counsel, Steve Horner and William Mallory, the Certified Record is hereby incorporated by reference and shall be made part of record in the Application. See attached CD labeled Record on Appeal (1st and 2nd Application).

It has also been agreed between the parties that the Application shall be governed by the City's existing regulations and policies governing the approval of wireless communication towers, and shall not be subject to the Proposed Amendments for Wireless Communication Facilities now being considered by the City Planning Commission and Governing Body. Much of the required

Polsinelli Shughart PC City of Prairie Village February 27, 2009 Page 2

information for applications for new communication facilities is contained within the Certified Record. The parties have agreed it would be burdensome and unnecessary to copy and resubmit documents already contained in the Certified Record, and have agreed to an abbreviated submission of additional documents to further support the Application.

Based on the foregoing, please find enclosed the completed Application. The parties have agreed that the Application is to be considered by the Planning Commission at its meeting on April 7, 2009, by the Committee of the Whole at its meeting on April 20, 2009 and by the City Council at its meeting on May 4, 2009.

Sincerely,

Custis M. Hollan

Curtis M. Holland

TABLE OF ATTACHMENTS

Attachment A – Update of Comparison of Host Sites and update of RF coverage and capacity maps

Attachment B – Revised Photosimulations

Attachment C – Intent to allow collocation

Attachment D - Revised Site Plans

Attachment E – Compliance Statements

Attachment F - Construction Schedule

Attachment G – FCC License

Attachment H – Collocation Letters From Other Carriers

Attachment I – Local Government Compliance

Attachment J – Application Fees and Attachments

TAB A – Update of Comparison of Host Sites and update of RF coverage and capacity maps

(Please see attached Reports)

Elimination Map for T-Mobile Site A5D0114

February 26, 2009

The attached map depicts the parcels for which every property owner has been approached within the T-Mobile-presently issued search ring (site A5D0114) for this area of Prairie Village, KS. The candidates on the attached map are discussed in numeric order as they appear from West to East.

The Search Area Request Form (SARF) for the area was established by T-Mobile's RF engineering team and denotes the geographic region in which a cell site could be placed to achieve T-Mobile's network engineering objectives. While the SARF initially encompassed property as far East as the Mission Road corridor, T-Mobile's RF engineers have determined this site needs to be located further West because a single cell site cannot alleviate all of T-Mobile's coverage deficiencies in this region of Northeast Johnson County. T-Mobile's RF engineering group has determined that an additional site to the East will eventually be required to alleviate coverage deficiencies in this region.

The entire search area is R-1 or equivalent zoning with a mix of churches, single-family homes and other utility structures. None of the churches is more than fifty-five feet in height (most are no more than two stories), nor do they have steeples or bell towers that would be appropriate for a wireless facility without a great deal of renovation.

The following sites were identified as candidates to meet the coverage objectives of RF:

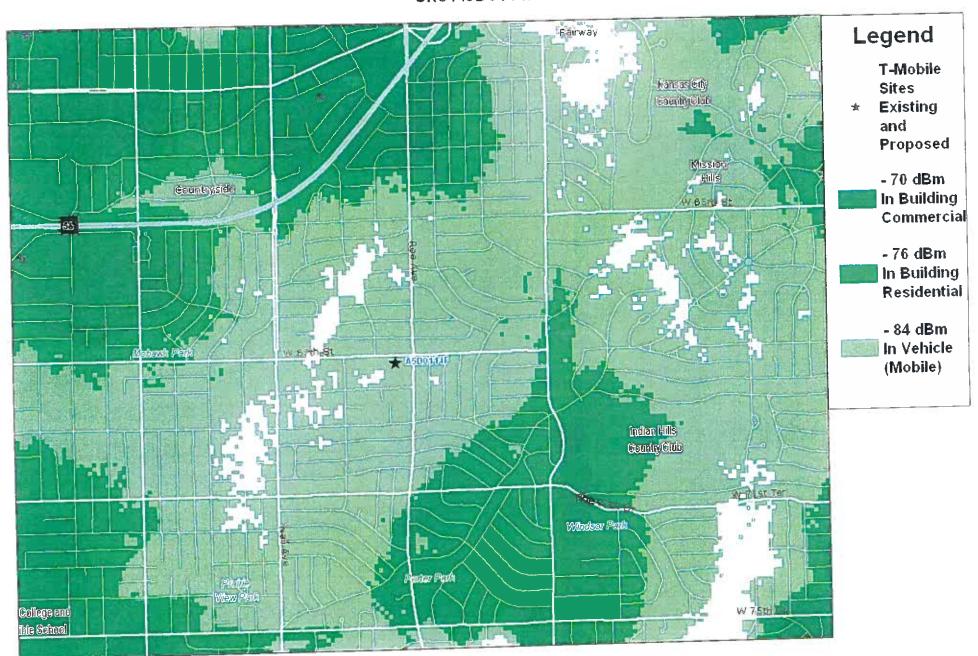
- 1. Woodson Avenue Bible Church (67th & Woodson) The SSC Site Acquisition Consultant worked diligently with the Woodson Bible Church for a year negotiating a lease and working to find a suitable place on the property for a cell site. After much deliberation and many meetings, the Site Acquisition Consultant delivered executable leases to the church and was thereafter advised that the congregation was not in favor of the site and they did not want to move forward with the project. Negotiations were ended in approximately June of 2006.
- 2. St. Michaels & All Angels (67th & Nall) The SSC Site Acquisition Consultant approached St. Michaels church in June of 2005. There is no place on the building that would offer enough height to attach antennas inside the structure. There is not enough room around the grounds close to the structure to add a bell tower. St. Michaels representatives advised the Site Acquisition Consultant the church was not interested in negotiating a lease.
- 3. Nall Baptist Church (67th & Nall) The SSC Site Acquisition Consultant approached this candidate in late 2005 and attempted to negotiate a lease. During this time period, the church was in the process of expanding their facilities. T-Mobile proposed to add additional height to a Bell Tower that the church proposed to add to its facility. When the church's architect looked at the proposal, he did not think that it fit into the overall scheme of the project and the church decided not to move forward with a lease. Moreover, there was also concern with angering some of the neighbors who were already opposed to the increased height of the proposed Bell Tower that has since been installed.

The City recently requested T-Mobile to re-look at this location for placement of a new stealth tower on the eastern portion of this property that would be capable of co-location. It presented this proposal to AT&T Mobility who is interested in co-locating at a facility at Faith Evangelical Church (Candidate 5 below) and was told that due it would not be an acceptable candidate. Based on the City's interest for co-location, this site has been ruled out as a viable candidate.

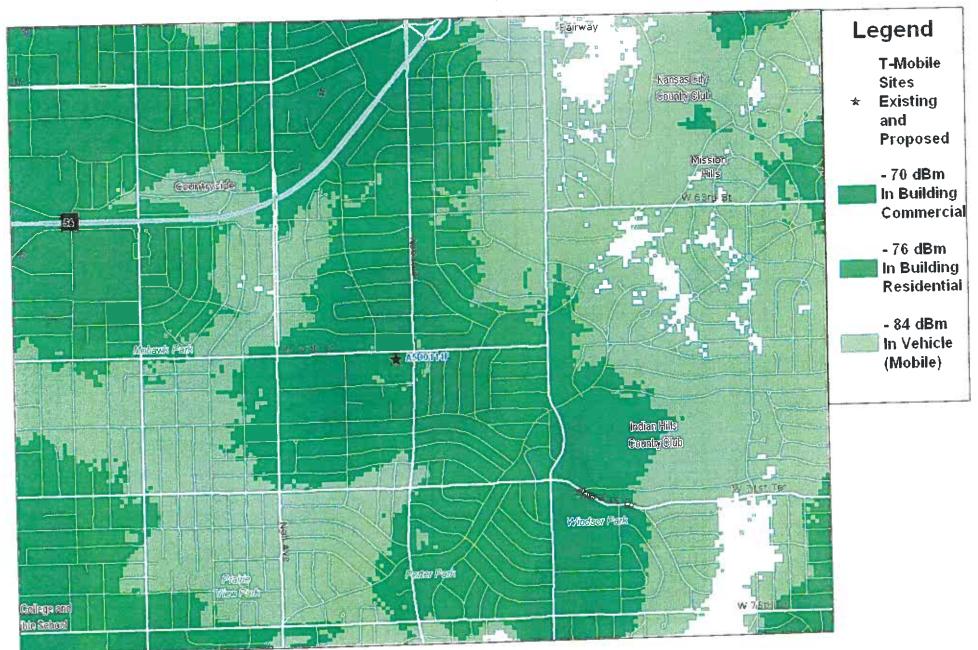
- 4. 69th & Roe PV Water Tank (69th Terr. & Roe) This was the first candidate that T-Mobile pursued in 2006. After being advised of failed negotiations between Cingular and the City of Prairie Village, T-Mobile did not believe a site at this location was feasible. Further, it was determined by Water One that it was not certain the water tank would remain on the property; it may be decommissioned. The City recently requested that T-Mobile revisit with Water One to determine when the water tank will be removed and whether that location would be suitable for a new monopole structure capable of colocation. Based on conversations with Mike Armstrong, General Manager for Water One, there is no money in the 2009 Budget to remove the water tank and it is not known when the tank may be removed. Since this is uncertain, this site has been ruled out as a viable candidate.
- 5. Faith Evangelical Church (67th & Roe) –This is the site that has been leased and application is for a 145' stealth pole. The new height is the minimum height necessary to provide for co-location for 3 or more carriers. See attached AT&T Mobility co-location letter of interest.
- 6. Homestead Country Club (Homestead & Mission) The Homestead Country Club was approached by SSC and a different Site Acquisition Consultant on two different occasions dating back to 2002. A flagpole was proposed at the entrance of the Club and a light standard at the tennis courts. Ultimately both proposals were rejected by Homestead Country Club. After talking to T-Mobile RF Engineer, Luke Willenbring, this site is now considered a candidate for another search ring and would not cover the intended area described in the subject SARF.
- 7. Village Presbyterian Church (67th & Mission) This site is in a different coverage area for T-Mobile (to the east) and would not cover the intended area described in the subject SARF.
- 8. Johnson County Fire District No. 2 (63rd & Mission) This site is in a different coverage area for T-Mobile (to the east) and would not cover the intended area described in the subject SARF.



T-Mobile
Existing Coverage Without Faith Evangelical Church
Site A5D0114F



T-Mobile Proposed Coverage With Faith Evangelical Church Site A5D0114F (130' ACL)

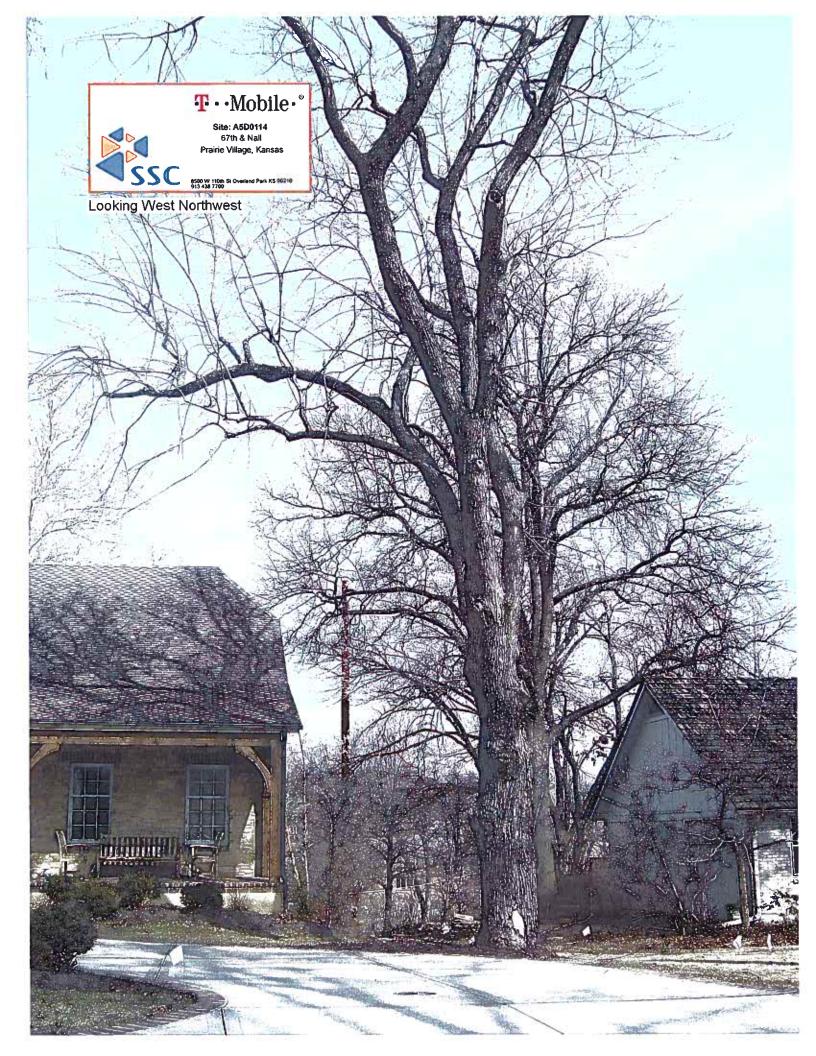






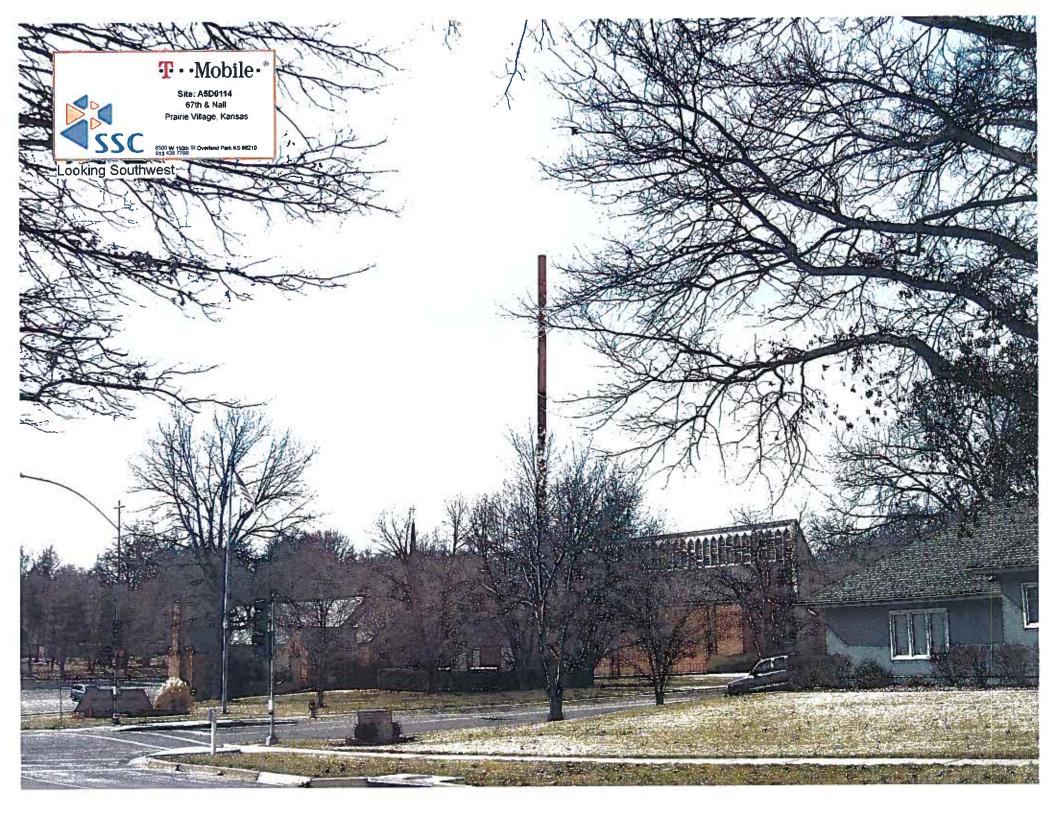
TAB B – Revised Photosimulations

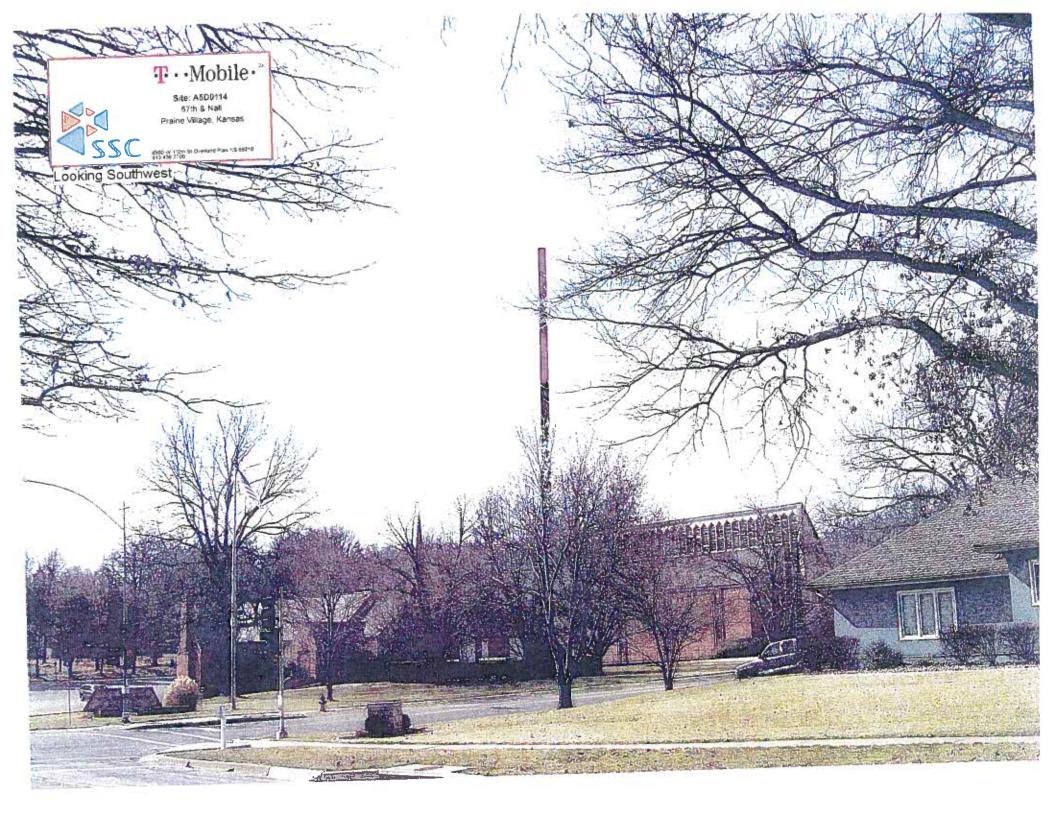
(Please see attached and accompanying duplicates)











TAB C – Intent to allow collocation

(Please see attached Affidavit)

AFFIDAVIT

STATE OF KANSAS)	
) ss.
COUNTY OF JOHNSON)

- 1, Garth Adcock, being of lawful age and duly sworn upon oath, depose and state as follows:
 - 1. I am the Real Estate and Zoning Manager for T-Mobile Central LLC d/b/a T-Mobile in the Kansas and Missouri markets ("T-Mobile").
 - 2. This Affidavit is intended to support and will accompany an Application for Special Use Permit to be filed in the city of Prairie Village, Kansas, to construct, operate, and maintain a telecommunications tower facility consisting of a 145 foot, six (6) canister, low-profile tower surrounded by a brick compound enclosure. T-Mobile will occupy the top two (2) canister positions on the tower.
 - 3. This Affidavit is submitted for the purpose of complying with the provisions of City of Prairie Village Policy for the Approval of Wireless Communications Towers, as adopted on December 10, 1996.
 - 4. T-Mobile adheres to a policy of collocation on all of its facilities where feasible and in the instant case proposes a low-profile tower of sufficient height and strength to accommodate multiple carriers. T-Mobile asserts that it will accommodate future users with available space on the tower and on the real property it controls by leasehold estate at reasonable, market-based costs.
 - 5. T-Mobile has been informed and also understands that as the owner of the tower, antenna, and ground based equipment, T-Mobile is primarily responsible to see that upon abandonment of the site, if other carriers are not still present, for a period of six (6) consecutive months, that within ninety (90) days of that occurrence the site will be restored to its original or an improved condition and, where appropriate, re-vegetate to blend with the surrounding area.
 - 6. T-Mobile accepts that responsibility and as evidence thereof agrees, that if requested, to post a Performance Bond with the City of Prairie Village, Kansas. in a form and amount requested by the City, to insure that if removal and/or site restoration are not completed, the City will be authorized to complete the removal and site restoration and charge the cost to the Performance Bond.

FURTHER AFFIANT SAITH NOT.

DATED this 27 day of February 2009. Garth Adcock Real Estate and Zoning Manager T-Mobile Central LLC d/b/a T-Mobile	
STATE OF KANSAS) ss. COUNTY OF JOHNSON) Subscribed and sworn to before me on this Adeock. day Notary Public	J
My commission expires: 12415	Stephanie McGranahan Notary Public State of Kansas My appointment expires 1/24/13

¥.

TAB D - Revised Site Plans

(Please see attached and accompanying duplicates)

T - Mobile	3 3
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SYMBOLS

AREA MAP

PROJECTA DE LA COLLONIA DEL COLLONIA DE LA COLLONIA DEL COLLONIA DE LA COLLONIA D

SECTION NUMBER DRAWING NUMBER ON WHICH SECTION OR DETAIL APPEARS. (--) INDICATES REFERENCED FROM SAME DRAWING

DETAIL NUMBER

DRAWING NUMBER ON WHICH SECTION OR DETAIL APPEARS. (-) INDICATES REFERENCED FROM SAME DRAWING

FINAL ENGINEERING APPROVALS			PROJECT INFORMATION						
RNITIALS DATE SSC NF TELCO T-MOBILE OPERATIONS REAL ESTATE		DAYE.	CELL SITE NUMBER PROPERTY OWNER:	FAITH 4805 PRAIRI CONTA	114 EVANGELICAL LUTHERAN CHURCH WEST 67TH STREET E VILLAGE, KANSAS 66208 CT: MERIE BROCKHOFF : (913)-722-3515				
		TOWER INFORMATIO LATITUDE: LONGITUDE: GROUND ELEV: TOWER HT: ANTENNA CENTERLI	94° 36 953° / 145° /	0' 25.82" N (NAD 83) 8' 27.78" W (NAD 83) AMSL AGL 0" AND 130'-0" AGL					
	DRA	WING IND	EX				GEN	IERAL NOTES	
	TITLE		REVISION	RESPONSIBLE					
PROJECT INFORMATION & GENERAL NOTES F MLO/SDX SURVEY OVERALL SITE PLAN F MLO			1 THE CONTRACTOR ST ATTENTION, THE CON MEANS, METHODS, TO PROPERTIES OF THE IN	HALL SUPERVISE TRACTOR SHALL ECHNIQUES, PROF FORK UNDER THE	AND DIRECT ALL WORK USING HIS BEST SKILL AND BES SOLELY RESPONSIBLE FOR ALL CONSTRUCTION REQUIRES AND SEQUENCES FOR COORDINATING ALL CONTRACT.				
10**	ER EGEPHINA					2. THE CONTRACTOR SHALL VISIT THE JOB SITE TO REVIEW THE SCUPE OF WORK COORDINATION			
						3. THE CONTRACTOR S SUBMITTING HIS BIO	HALL VERIFY ALL	EXISTING CONDITIONS AND DIMENSIONS PRIOR TO CIES, CONFLICTS OR OMISSIONS, ETC. SHALL BE OCCEDING WITH THE WORK.	
						4. THE CONTRACTOR S CONSTRUCTION. ANY EQUIPMENT SHALL	HALL PROTECT AL DAMAGE TO NEV SE MANEDIATELY R	1. AREAS FROM DAMAGE WHICH MAY DECUR DUTING Y AND EDISTING CONSTRUCTION, STRUCTURE, OR REPLACED TO THE SATISFACTION OF CONTRACTOR.	
						5. THE CONTRACTOR S	HALL SAFECUARD	THE OWNER'S PROPERTY DORIGINAL CONDITION.	
						6. IT SHALL BE THE R WHETHER SHOWN H SHALL BEAR ALL DAMAGED IN CORE	esponsibility of Ereon or not, Openses for re Notion with the	THE CONTRACTOR TO LOCATE ALL EXISTING UNITED AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR PAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DECEMBEN OF WORK.	
			F(QUIPMEN	IT	7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SHALL BE RESPONSIBLE FOR THE JOB IS COMPLETE.			
.VIA	TIONS	v.		2011 11101		B. ALL CONSTRUCTION	WORK SHALL CO	NFORM TO THE LB.C. 2003 AND ALL APPLICABLE.	
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MOIT	NIC NOT	CELLANEOUS IN CONTRACT TO SCALE CENTER	DESCRIPTION	FURHISHED	INSTALLED CONTRACTOR	O. CITY APPROVED PLANS SHALL BE KEPT IN A PLAN BOX AND SHALL NOT BE USED BY INVENDED. ALL CONSTRUCTION STEE SHALL REPLIECT SAME INFORMATION. THE CONTRACTION SHADE HAVE AND ANALYSIN BY COOL CONDITION ONE COMPLETE SET OF PLANS WITH ALL REPLISIONS, AUDIENDAMENT AND CONTRACT OF THE CONTRACT OF THE CAMPLET ORDERS ON THE PREMISES AT ALL THIES. THESE ARE TO BE UNDER THE CAMP.			
	ee POW	IER POLE IER PROTECTION INET	ANTENNAS ULTRASITE/PURCELL	3JIBOM-T 2J000M-T	T-MOBILE CONTRACTOR	OF JOB SUPERMITENDENT. 11. THE CONTRACTOR SHALL PROMDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A-10-BIS WITHIN 75 FEET OF TRAVEL DISTANCE TO ALL PORTIONS OF THE BUILD OUT AREA DURING CONSTRUCTION.			
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		S S	ELECTIVE SITE CONSU	LTANTS, ING.			D.C. PELLAND	CELL SITE A5D 0114 PROJECT INFORMATION & GENERAL NOTES	
h [.]	ile-	(图 6	8500 W, 110th St				M.L. OWENS	4805 WEST 67TH STREET PRAIRIE VILLAGE, KANSAS	
· 🔨	10/6		Overland Park,	Kansas 66210		1	WAL VIENS	STATE OF THE PROPERTY OF THE P	

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S.D. KEISLING

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_	09/20/07	ISSUED FOR LEASE EXHIBIT	DCP	PROPERTY.
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0	06/19/08	REISSUED FOR LEASE EXHIBIT	DCP	IT UPON
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F	02/25/09	REVISED TOWER HEIGHT	DCP	PLEMOTE PLEMOTE WHICH IT
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DWG NUMBER

A500114 - A01 A500114 - A02 A500114 - A03

ABOVE GRADE LINE

BUILDING BATTERY BACKUP UNIT

BASE TRANSCEIVER STATION CENTER UNE

AMPERE ARCHITECT

CONCRETE

DETAIL

DIAMETER

DIAGONAL

DOWN BRAWING

ELECTRICAL

EQUAL EDUIPMENT

EXISTING FOUNDATION FOOTING

GAUGE GALVANIZED GROUND

ELEVATOR, ELEVATION

DIMENSION

CONSTRUCTION

CONTRACTOR

AGL

ARCH BLDG

BTS

CU CONC CONST CONTR

DET

DIAG DIM DN DWG EA

ELEC

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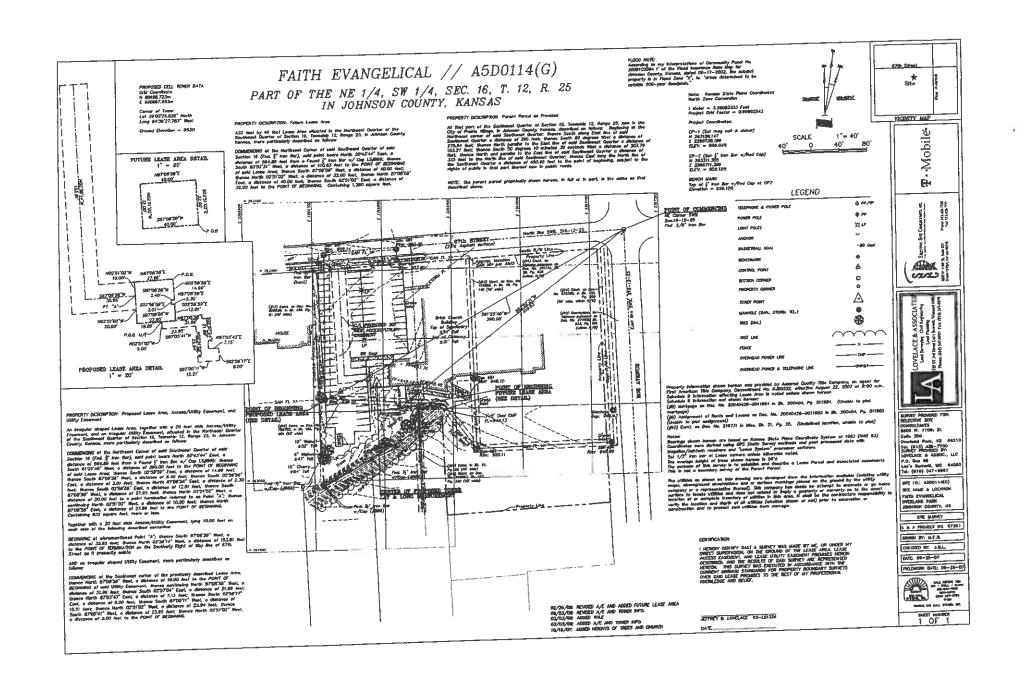
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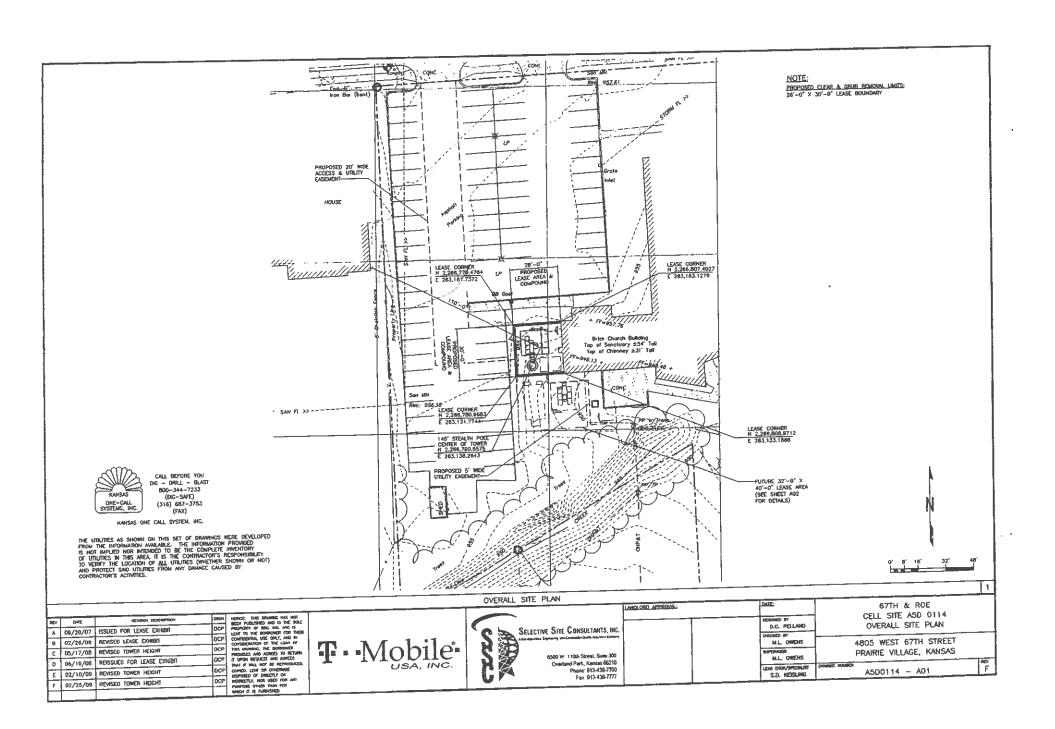
ABBREVIATIONS

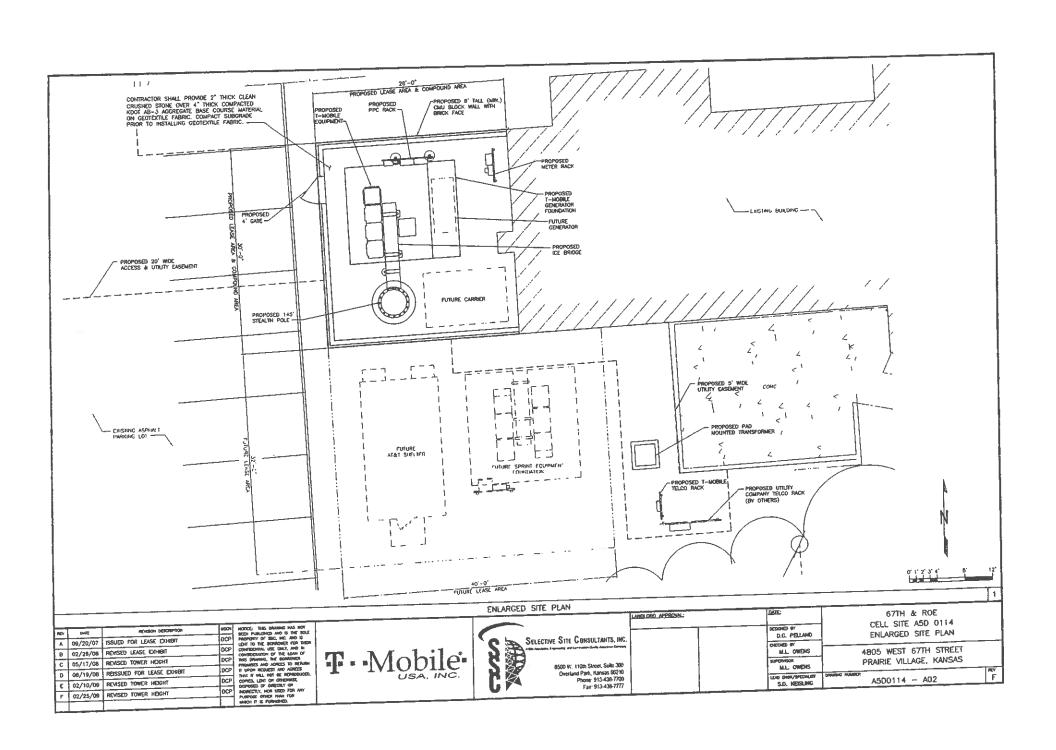


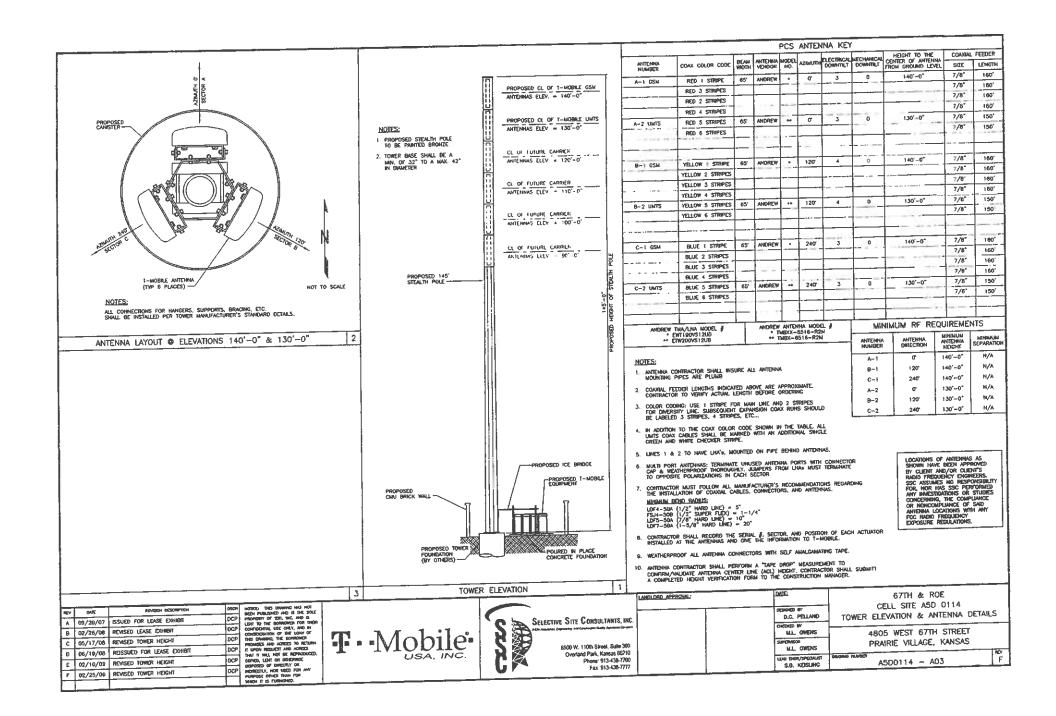
8500 W, I H0th Street, Suite 300 Overland Park, Kansas 66210 Phone 913-438-7770 Fax: 913-438-7777

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TAB E – Compliance Statements (Please see attached Affidavit)

AFFIDAVIT

T--Mobile-

STATE OF KANSAS)
) ss
COUNTY OF JOHNSON)

- I, Luke Willenbring, being of lawful age and duly sworn upon oath, depose and state as follows:
- 1. I am an RF Engineering Manager for T-Mobile Central LLC d/b/a T-Mobile ("T-Mobile") in select Kansas and Missouri markets, including the Kansas City metropolitan area markets.
- 2. This Affidavit is intended to support an application for Special Use permit filed in the City of Prairie Village, Kansas, to construct, operate, and maintain a wireless communication facility consisting of a one hundred forty-five foot (145'), six (6) canister low-profile tower and associated ground equipment on real property located at 4805 West 67th Street, Prairie Village, Johnson County, Kansas.
- 3. T-Mobile will meet all valid federal, state and city regulations and laws, including but not limited to FCC regulations, in the construction and operation of this project.
- 4. T-Mobile is federally licensed by the FCC to operate a wireless communication network in this market within specifically assigned bandwidths. The anticipated levels of electromagnetic radiation (effective radiated power) to be cumulatively generated by wireless facilities at this site will be within applicable guidelines established by the FCC.
- 5. T-Mobile and its predecessor entities (VoiceStream Kansas City, Inc., and APT Kansas City, Inc.) have operated a federally licensed wireless PCS network in the Kansas City metropolitan and outlying area for more than ten years. This network consists of several hundred cell sites. T-Mobile employs several full-time RF engineers to maintain its Kansas City metropolitan area and outlying PCS networks. Nationally, T-Mobile operates thousands of wireless facilities. A copy of T-Mobile's FCC license to operate a PCS network in this region is attached hereto and incorporated herein by reference.
- 6. Specification sheets for T-Mobile's proposed antennas at this facility, including an antenna radiation pattern, are attached hereto and incorporated herein by reference.
- 7. The above and foregoing statements are based on my personal knowledge and belief and I reasonably believe said statements to be accurate and true.

of a second seco

FURTHER AFFIANT SAITH NOT. DATED this 27 day of February, 2009. Luke Willenbring RF Engineering Manager T-Mobile Central LLC d/b/a T-Mobile STATE OF KANSAS) ss. COUNTY OF JOHNSON Subscribed and sworn to before me on this 27 day of August, 20 nie McGranahan. Stephanie McGranahan. (SEAL) Notary Public Stephanie McGranahan My commission expires **Notary Public** State of Kansas/24/13 My appointment expires 1/24/13



TMBX-6516-R2M

±45° Diversity Panel Antenna

Decibel®
Base Station Antennas

- · Patented cross dipole and feed system
- · Rugged, reliable design with excellent PIM suppression
- · Includes factory installed AISG RET actuator
- Fully compatible with Andrew Teletilt[®] remote control antenna system

ELECTRICAL

Frequency Range (MHz): 1710–2155

Characteristic Impedance (Ohms): 50

Azimuth BW (Deg): 65 ± 6 Elevation BW (Deg): 7.2 ± 1.1 Gain (dBi): 17.5 ± 0.7 Polarization: $\pm 45^{\circ}$

 Front-to-Back Ratio (dB)
 0°
 2°
 4°
 6°
 8°
 10°

 Copol, 180° ± 30°
 >25
 >25
 >25
 >24
 >24
 >24
 >24

 Total Power, 180° ± 30°
 24
 >24
 >24
 >24
 >24
 >24
 >22

 Upper Sidelobe (dB)
 0°
 2°
 4°
 6°
 8°
 10°

 Main Beam to +20°
 >18
 >18
 >17
 >17
 >15
 >12

VSWR / Return Loss (dB): 1.35 1 / 16.5

Port-to-Port Isolation (dB): >30Electrical Tilt Range (Deg)*: 0-10Electrical Downtilt Accuracy (Deg): ± 0.6

 Cross-pol (dB)
 0°
 2°
 4°
 6°
 8°
 10°

 3 dB Beamwidth
 >15
 >15
 >15
 >15
 >15
 >15
 >15

Intermodulation Products (dBc)

3rd Order, 2 x 20 Watts 155

Max. Input Power (Watts): 250

Lightning Protection: DC Ground

PERFORMANCE TRACKING

Gain Variation (dB) (between UL

and DL frequency pair): 1.3

Electrical Tilt Accuracy (Deg) (between UL and DL frequncy

pair within 0.5°) <0.5

Azimuth HPBW (Deg) (between

UL and DL frequncy pair): 9

MECHANICAL

Net Weight (kg / lbs): 5.1 / 11.2

 Dimensions-LxWxD:
 1499 x 168 x 84 mm

 (with actuator)
 59 x 6.6 x 3.3 inch

 Max. Wind Area (m² / ft²):
 0 11 / 1 2

 Max. Wind Load (N / lbf):
 298 0 / 67 0

 Max. Wind Speed (km/h / mph):
 241 / 150

Hardware Material: Hot Dip Galvanized

Connector Type: 7-16 DIN, Female (2)

Color: Off White Standard Mounting Hardware: TM602030A







*Specifications may vary when using 0° or 1° electrical tilt.

Andrew Corporation 2601 Telecom Parkway Richardson, Texas U.S.A. 755082-3521 Tel: 214.631.0310 Fax: 214 688.0089 Toll Free Tel: 1.800.676.5342 Fax: 1.800.229 4706

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2/2/2007 Page 1 of 3 dbtech@andrew.com



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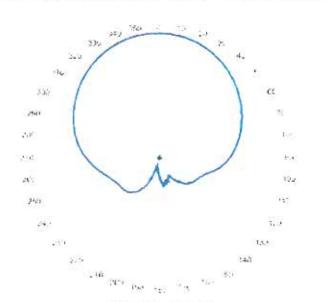
±45° Diversity Panel Antenna

Decibel®

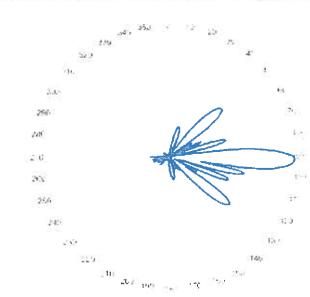
Base Station Antennas

AZIMUTH PATTERN

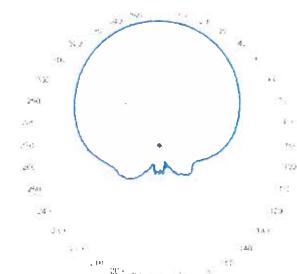
ELEVATION PATTERN



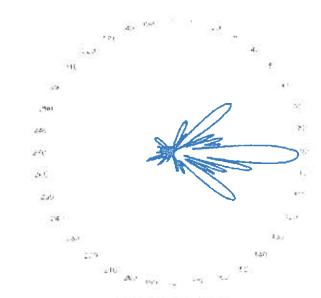
1732 MHz, Tilt: 2°



1732 MHz, Tilt: 2°



1880 MHz, Tilt: 2°



1880 MHz, Tilt: 2°

Note: Scale 5 dB per division.

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347

2000

150

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TMBX-6516-R2M

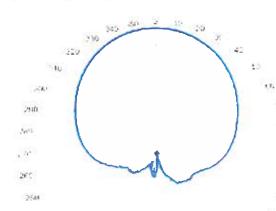
±45° Diversity Panel Antenna

Decibel®

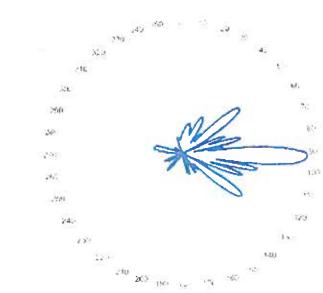
Base Station Antennas

AZIMUTH PATTERN

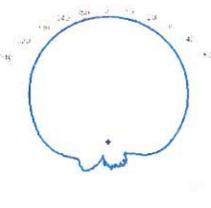
ELEVATION PATTERN



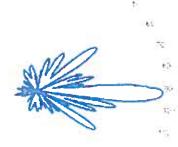
1960 MHz, Tilt: 2°



1960 MHz, Tilt: 2°



2132 MHz, Tilt: 2°



333

2132 MHz, Tilt: 2°

Note: Scale 5 dB per division.

Andrew Corporation 2601 Telecom Parkway Richardson, Texas U.S.A. 755082-3521 Tel: 214.631 0310

130

1200

Fax: 214.688.0089 Toll Free Tel: 1.800.676.5342 Fax: 1.800.229.4706 www.andrew.com

790 790

260

130

250 24

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TMBXX-6516-R2M

±45° Diversity, Quad Antenna

Decibel®

Base Station Antennas

- · Patented cross dipole and feed system
- · Rugged, reliable design with excellent PIM suppression
- Includes factory installed AISG RET actuator
- Fully compatible with Andrew Teletilt[®] remote control antenna system

ELECTRICAL

Frequency Range (MHz): 1710-2155

Characteristic Impedance (Ohms): 50
Azimuth BW (Deg): 64.5 ± 8 Elevation BW (Deg): 7.2 ± 1.2 Gain (dBi): 17.5 ± 0.8 Polarization: $\pm 45^{\circ}$

 Front-to-Back Ratio (dB)
 0°
 2°
 4°
 6°
 8°
 10°

 Copol, 180° ± 30°
 >24
 >24
 >24
 >24
 >24
 >24
 >24
 >24
 >23
 >22
 >23
 >23

 Upper Sidelobe (dB)
 0°
 2°
 4°
 6°
 8°
 10°

 Main Beam to +20°
 >18
 >18
 >17
 >15
 >14
 >11

VSWR / Return Loss (dB): 1 35:1 / 16.5

Port-to-Port Isolation (dB): >30
Electrical Tilt Range (Deg)*: 0-10
Electrical Downtilt Accuracy (Deg): ± 0.9

 Cross-pol (dB)
 0°
 2°
 4°
 6°
 8°
 10°

 3 dB Beamwidth
 >13
 >13
 >12
 >12
 >12

Intermodulation Products (dBc)

3rd Order, 2 x 20 Watts: 155

Max. Input Power (Watts): 250

Lightning Protection: DC Ground

PERFORMANCE TRACKING

Gain Variation (dB) (between UL and DL frequency pair). 1.3

Electrical Tilt Accuracy (Deg)

(between UL and DL frequncy

pair within 0.5°): <0.55

Azimuth HPBW (Deg) (between

UL and DL frequncy pair): 11.5

MECHANICAL

Net Weight (kg / lbs): 15.7 / 34.6

 Dimensions-LxWxD:
 1499 x 302 x 160 mm

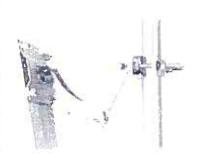
 (with actuator)
 59 x 11.9 x 6.3 inch

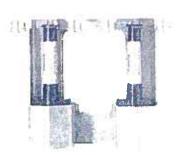
Max. Wind Area (m² / ft²): 0.27 / 2 9
Max. Wind Load (N / lbf): 729 4 / 164
Max. Wind Speed (km/h / mph): 241 / 150

Hardware Material: Hot Dip Galvanized

Connector Type: 7-16 DIN, Female (4)

Color: Off White Standard Mounting Hardware: TM600899A-2







*Specifications may vary when using 0° or 1° electrical tilt.

Andrew Corporation 2601 Telecom Parkway

Richardson, Texas U.S.A. 755082-3521

Tel: 214.631.0310

Fax: 214 688 0089 Toll Free Tel: 1 800 676 5342

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TMBXX-6516-R2M

16.

13%

130

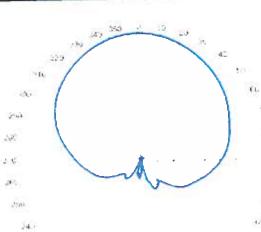
±45° Diversity, Quad Antenna

Decibel®

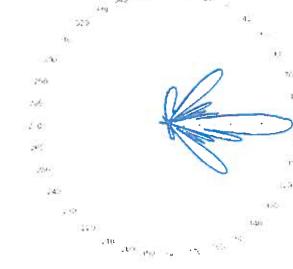
Base Station Antennas

AZIMUTH PATTERN

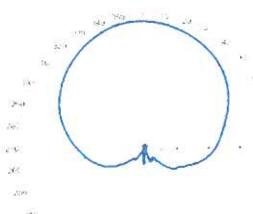
ELEVATION PATTERN



1732 MHz, Tilt: 2°



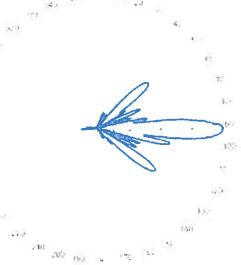
1732 MHz, Tilt: 2°



, ;11

1880 MHz, Tilt: 2°

205 190 190



1880 MHz, Tilt: 2°

Note: Scale 5 dB per division.

210

315

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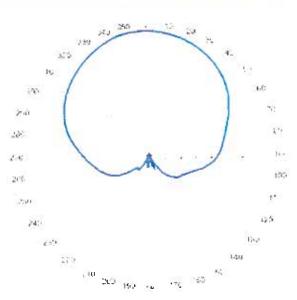
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Decibel®

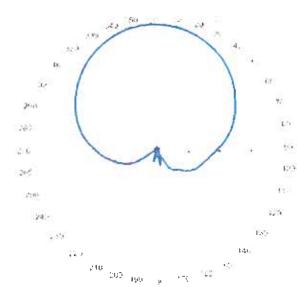
Base Station Antennas

AZIMUTH PATTERN

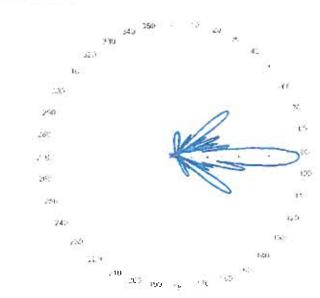
ELEVATION PATTERN



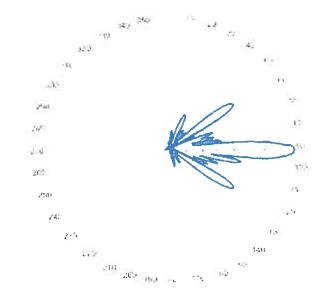
1960 MHz, Tilt: 2°



2132 MHz, Tilt: 2°



1960 MHz, Tilt: 2°



2132 MHz, Tilt: 2°

Note: Scale 5 dB per division

Andrew Corporation 2601 Telecom Parkway Richardson, Texas U.S.A. 755082-3521 Tel: 214.631.0310 Fax: 214.688.0089 Toll Free Tel: 1.800.676.5342 Fax: 1.800.229.4706 www.andrew.com 2/2/2007 Page 3 of 3 dbtech@andrew.com

TAB F – Construction Schedule

T-Mobile is unable to announce a construction schedule until government permits have been obtained. That said, typically, construction of a wireless facility from commencement of construction to completion of construction is a two to three month process.

TAB G – FCC License

(Please see attached)

PCS Broadband License - KNLF268 - VoiceStream Kansas City, Inc.

Call Sign

KNLF268

Radio Service

CW - PCS Broadband

Status

Active

Auth Type

Regular

Market

Market

MTA034 - Kansas City

Channel Block

001870.000000000

Submarket

3

Associated Frequencies (MHz)

001885.00000000 001950.000000000 001965.00000000

Dates

Grant

06/30/2005

06/23/2015

Effective

06/30/2005

Expiration Cancellation

Buildout Deadlines

06/23/2000

2nd

06/23/2005

Notification Dates

1st

06/22/2000

2nd

05/04/2005

Licenses

FRN

0002837318

Type

Corporation

Licensee

VoiceStream Kansas City, Inc.

12920 SE 38th Street Bellevue, WA 98006 ATTN Dan Menser

P:(425)378-4000

F: (425)378-4040 E:dan.menser@t-mobile.com

Contact

T-Mobile USA, Inc. Dan Menser Esq

12920 SE 38th Street Bellevue, WA 98006

P:(425)378-4000 F:(425)378-4040

E:dan.menser@t-mobile.com

Ownership and Qualifications

Radio Service Type Mobile

Yes Interconnected Regulatory Status Common Carrier

Alien Ownership

Is the applicant a foreign government or the representative of No any foreign government?

Is the applicant an alien or the representative of an alien? No No

Is the applicant a corporation organized under the laws of any foreign neveroment?

Is the applicant a corporation of which more than one-fifth of No the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country? Yes

Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?

If the answer to the above question is 'Yes', has the applicant received a ruling(s) under Section 310(b)(4) of the Communications Act with respect to the same radio service involved in this application?

Basic Qualifications Has the applicant or any party to this application had any FCC Yes station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license or construction permit denied by No

the Commission? Has the applicant or any party to this application, or any party directly or indirectly controlling the applicant, ever been convicted of a felony by any state or federal court?

No Has any court finally adjudged the applicant or any party directly or indirectly controlling the applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition?

Demographics

Race

Ethnicity

Gender

TAB H – Collocation Letters From Other Carriers (Please see attached)



February 18, 2009

Garth Adcock
Real Estate & Zoning Manager
T-Mobile-USA, Inc.
12980 Foster Street
Suite 200
Overland Park, KS 66213
United States of America

Re: T-Mobile Wireless Facility at Faith Lutheran Evangelical Church at

4805 W. 67th Street, Prairie Village, KS

Dear Garth:

You have requested whether AT&T Mobility would be interested in co-locating its antennas on a new support structure to be constructed at the address listed above. As part of this consideration, you have also asked what are the minimum center line heights needed for our antennas (2 sets of canister type antennas) and what is the minimum footprint needed for our ground equipment. It is our understanding that T-Mobile is considering 2 alternate locations at this site.

1. Location along south property line:

Latitude 39° 00' 25.82" N (NAD 83) Longitude 94° 38' 27.78" W (NAD83)

2. Location adjacent to church building:

Latitude 39° 00' 26.2" N (NAD 83) Longitude 94° 38' 26.98" W (NAD83)

As you may know, several years ago our company looked at co-locating its antennas on the water tank at McCrum Park approximately 4 blocks south of this location at 69th Terrace and Roe. Due to the significant opposition to a site there, we did not move forward with that project. But I can confirm that our needs for improving service to this area is still great and that a support structure at either of the 2 alternate sites you provided would serve our purposes as long as the antennas were placed at 95' and 85' radial centerlines. The minimum footprint of the ground equipment would be 10' x 16'.

In addition you requested whether a similar facility if placed at Nall Baptist Church at 67th & Nall would also serve our purposes. Unfortunately, our immediate coverage issues are located to the east of that area, and therefore that location would not be a good candidate for our facilities.

In summary, on behalf of AT&T Mobility, we would be interested in co-locating on a new structure to be placed at Faith Lutheran Evangelical Church, at the above-stated antenna heights, subject to appropriate leasing terms. Please advise when the zoning entitlements have been obtained.

Thanks.

Sean D. Wyrick

Sean D. Wyrick

Engineer III, RF

AT&T Mobility



Sprint Nextel 6240 Sprint Parkway Overland Park, KS 66251 913-794-5649 Michael Reed Regional Site Development Manager

Garth Adcock
Real Estate & Zoning Manager
T-Mobile-USA, Inc.
12980 Foster Street
Suite 200
Overland Park, KS 66213
United States of America

Re: T-Mobile Facility at 4805 W. 67th Street (Faith Evangelical Lutheran Church)

Dear Garth:

It is our understanding that T-Mobile has filed a new application in Prairie Village to construct a new 145' tall stealth communications tower at 4805 W. 67the Street. As you will recall, Sprint had previously indicated its interest in collocating on a similar facility at this location, depending on the height of the new structure. At that time, the proposed location was near the south property line. You indicated that the new proposal would place the structure north on the property near the church. We have analyzed this new location and determined that Sprint would be interested in collocating our antennas on this new structure at the 130' level. For the ground equipment, our minimum footprint necessary would be 10' x 15'. Please let us know when you have obtained final zoning approval for this facility.

In our discussion, you also mentioned the possibility of a new facility at 67th & Nall (Nall Baptist Church). We have determined that a site at that location could also serve Sprint's needs, depending on available antenna heights, but understand that site is not under consideration at this time.

Michael Reed

Sprint-Nextel Manager-Site Development, Plains Area

TAB I – Local Government Compliance

T-Mobile and its representatives will conduct neighborhood meetings, post a sign on the property, and comply with other applicable local government procedures in conjunction with this application.

T-Mobile does not believe any waivers would be necessary for this project under the City's proposed wireless ordinance. T-Mobile believes this project is a stealth wireless facility that must only meet the setbacks of a principle structure on the property. Section 19.33.035.A.2.

TAB J – Application Fees and Attachments

Copies of the application form and check are attached hereto. The original application form and check accompanies the cover letter for the application.

SPECIAL USE PERMIT APPLICATION

CITY OF PRAIRIE VILLAGE, KANSAS	For Office Use Only Case No.: Filing Fees: Deposit: Date Advertised: Date Notices Sent: Public Hearing Date:
APPLICANT: T-Mobile, represented by Polsinelli S	hughart (Curtis M. Holland)
PHONE (913) 451-8788	
ADDRESS: 6201 College Boulevard, Suite 50	00, Overland Park, KS ZIP: 66211
	h PHONE: (913) 722-3515
	ZIP: 66208
	7 th Street
LEGAL DESCRIPTION: See Attached Leg	al Description
ADJACENT LAND USE AND ZONING: Land Use	<u>Zoning</u>
North Residential Residential	R-1A R-1A
South Residential Residential	R-1A
West Residential	R-1A
Present Use of Property: Residential/Chi	
Proposed Use of Property: Existing use and a facility and associated ground equipment	ddition of a 145' low-profile communications
Please complete both pages of the form and r Planning Commission Secretary City of Prairie Village 7700 Mission Road Prairie Village, KS 66208	eturn to:

Does the proposed special use meet the following standards? If yes, attach a separate Sheet explaining why.

	-	Yes	No				
1.	Is deemed necessary for the public convenience at that location.	X					
2.	Is so designed, located and proposed to be operated that the public health, safety, and welfare will be protected.	X					
3.	Is found to be generally compatible with the neighborhood in which it is proposed.	X					
4.	Will comply with the height and area regulations of the district in which it is proposed.	X	<u> </u>				
5.	Off-street parking and loading areas will be provided in accordance with the standards set forth in the zoning regulations, and such areas will be screened from adjoining residential uses and located so as to protect such residential use from any injurious effect.	X					
6.	Adequate utility, drainage, and other such necessary facilities have been or will be provided.	X					
Should this special use be valid only for a specific time period? YesNoX							
	If Yes, what length of time?	20	1 / 100				
S	IGNATURE: Harth Which DA	TE: 27	February Lee 9				
В	Y: Garth Adcock						
Т	TITLE: Site Development Manager / A SD0114						

Attachments Required:

- Site plan showing existing and proposed structures on the parent parcel, and adjacent property, off-street parking, driveways, and other information.
- Certified list of property owners

SELECTIVE SITE CONSULTANTS, INC. 8500 WEST 110TH STREET, SUITE 300 OVERLAND PARK, KS 66210 (913) 438-7700 FIRST NATIONAL BANK OF OLATHE OLATHE, KS 66061 83-172/1010 31122

City of Prairie Village

\$ **600.00

02/26/2009

City of Prairie Village

7700 Mission Road Prairie Village, KS 66208

Mobile KC Site No. A5D0114 (SUP Application Fee)

#031122# #101001720# #016 250 7#

ITE CONSULTANTS, INC.

y of Prairie Village CQUISITION:Zoning Costs

Special Use Permit Application Fee

02/26/2009

31122

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