



690 Chesterfield Pkwy W • Chesterfield MO 63017-0760
Phone: 636-537-4000 • Fax 636-537-4798 • www.chesterfield.mo.us

Department of Planning & Public Works City of Chesterfield Public Hearing Summary Report

T.S.P 37-2011 AT&T (14804 Clayton Road): A request to obtain approval for a Telecommunication Facility Siting Permit for a collocation of additional antennas and equipment on an existing stealth tower in a “PC” Planned Commercial District – zoned property located at 14804 Clayton Road on the south side of Clayton Road west of Wildwood Parkway (21R420714).

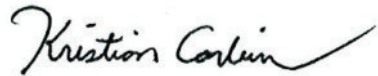
Summary

The above-referenced project is a request for a Telecommunications Siting Permit (T.S.P.). If the request is approved, the Permit will allow the placement of three (3) antennas from AT&T within a newly constructed flag pole that will replace the existing one. Additional equipment to support the new antennas is proposed to be placed at ground level.

City of Chesterfield Ordinance 2391, which now governs telecommunications and facilities siting, requires a public hearing before the City of Chesterfield Planning Commission for alterations that present a material change. Please note, the Commission does not provide a recommendation to the City Council, but rather a list of issues generated during the hearing. City Council is the decision-making body for all requests for Telecommunications Siting Permits. A public hearing further addressing the request will be held at the October 24, 2011 City of Chesterfield Planning Commission meeting. Attached please find a copy of the Public Hearing Notice and an application packet detailing the Petitioner’s request.



Respectfully submitted,

A handwritten signature in black ink that reads "Kristian Corbin". The signature is written in a cursive style with a long, sweeping tail.

Kristian Corbin
Project Planner

Cc: Michael G. Herring, City Administrator
Rob Heggie, City Attorney
Michael O. Geisel, Director of Planning and Public Works
Aimee Nassif, Planning and Development Services Director



NOTICE OF PUBLIC HEARING CITY OF CHESTERFIELD PLANNING COMMISSION

NOTICE IS HEREBY GIVEN that the Planning Commission of the City of Chesterfield will hold a Public Hearing on Monday, October 24, 2011 at 6:30 pm, in the Council Chambers at the City Hall, 690 Chesterfield Parkway West, Chesterfield, Missouri 63017.

Said hearing will be as follows:

T.S.P 37-2011 AT&T (14804 Clayton Road): A request to obtain approval for a Telecommunication Facility Siting Permit for a collocation on additional antennas and equipment on an existing stealth tower in a "PC" Planned Commercial District – zoned property located at 14804 Clayton Road on the south side of Clayton Road west of Wildwood Parkway (21R420714).

Description of Property

A tract of land being part section 26, township 45 north, range 4 east, St. Louis County, Missouri, being more particularly described as follows:

Commencing at the northeast corner of a tract of land conveyed by deed to Shell Oil Company recorded in deed book 5311 page 260 of the St. Louis County, Records, said point also being a northwest corner of a tract of land conveyed by deed to Marry Ann and John N. Hutkin recorded in deed book 10451 page 1419 of the St. Louis County records, said point also being on the southern line of Wildwood Parkway variable width, thence southerly along said eastern line of said Shell Oil Company tract south 22 degrees 48 minutes 35 seconds west a distance of 200.00 feet to the south corner of said Shell Oil Company tract north 67 degrees 11 minutes 25 seconds west a distance of 60.00 feet to a point; thence northerly leaving the southern line of said Shell Oil Company tract north 22 degrees 48 minutes 35 seconds east a distance of 200.00 feet to a point on the northern line of said Shell Oil Company tract; thence easterly along said northern line of Shell Oil Company tract south 67 degrees 11 minutes 25 seconds east a distance of 60.00 feet to the point of beginning containing 12,000 square feet or .0275 acres more or less.

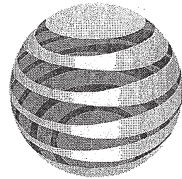


City of Chesterfield
690 Chesterfield Parkway West
Chesterfield, MO 63017



Information on this Public Hearing may be found on the City's website at <http://www.chesterfield.mo.us/public-notice.html> or by contacting Project Planner Kristian Corbin at 636.537.4743 or via e-mail at kcorbin@chesterfield.mo.us. All interested parties will be given an opportunity to be heard at the Public Hearing.

MO3530 CLAYTON & BAXTER



at&t

LTE

80'-REPLACEMENT FLAGPOLE



13075 MANCHESTER RD, SUITE 100
ST LOUIS, MO 63131



BLACK & VEATCH

10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO: 168986
DRAWN BY: AK
CHECKED BY: GPX

ENGINEERING
2009 INTERNATIONAL BUILDING CODE
2008 NATIONAL ELECTRIC CODE
ANSI/TIA-222-G OR LATEST EDITION

GENERAL NOTES
THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

PROJECT DESCRIPTION
THE PROJECT CONSISTS OF THE INSTALLATION AND OPERATION OF ANTENNAS AND ASSOCIATED EQUIPMENT CABINETS FOR AT&T'S CONDUCTORLESS TELECOMMUNICATIONS NETWORK. INSTALLATION OF (3) RRHS, (1) FIBER CABLE, (2) DC POWER CABLES, (1) RAYCAP SURGE PROTECTOR, (1) LTE RACK, (9) PIPE MOUNTED PANEL ANTENNAS INCLUDING (18) COAX, (9) TMA'S, (1) GPS ANTENNA ARE PROPOSED.

SITE INFORMATION

PROPERTY OWNER: SHELL OIL COMPANY
ADDRESS: NA

TOWER OWNER: AT&T
SITE NAME: CLAYTON & BAXTER
SITE NUMBER: MO3530
SITE CONTACT: NA

SITE ADDRESS: 14800 CLAYTON ROAD
AKA 14804 CLAYTON ROAD
CHESTERFIELD, MO 63017
ST. LOUIS COUNTY

COUNTY: ST. LOUIS COUNTY

LATITUDE (NAD 83): 38° 37' 3.00" N
38.61750

LONGITUDE (NAD 83): 90° 32' 12.98" W
-90.53694

GROUND ELEVATION: 646' AMSL
RAD CENTER: 86', 76', 66' AGL

ZONING JURISDICTION: CITY OF CHESTERFIELD, MO

ZONING DISTRICT: PC-PLANNED COMMERCIAL DISTRICT

PARCEL #: Z1R420714

OCCUPANCY GROUP: U
CONSTRUCTION TYPE: V-B

POWER COMPANY: AMEREN MO

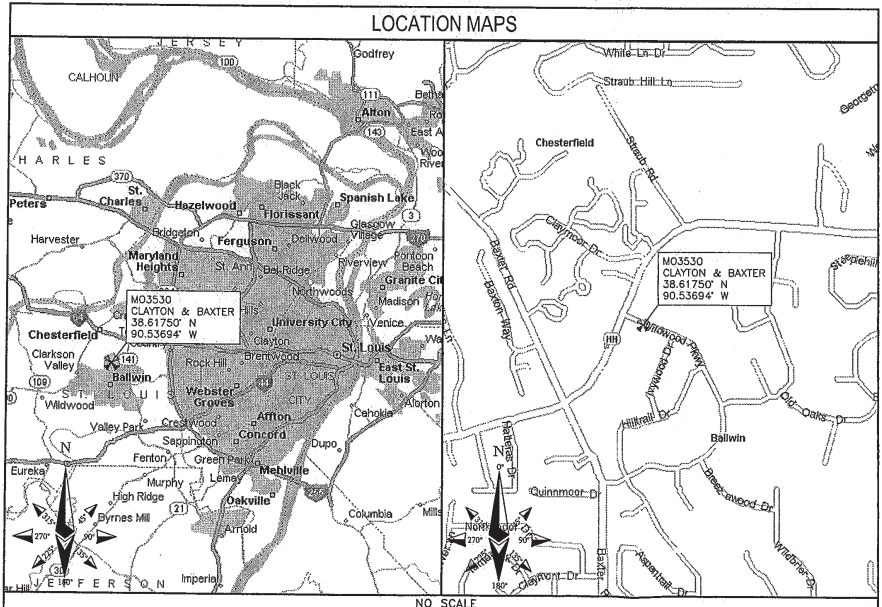
TELEPHONE COMPANY: AT&T

SITE ACQUISITION CONTACT: MARY KREPS
(636) 532-1051 EXT. 113

RF ENGINEER: RON HUMPHREY

CONSTRUCTION MANAGER: MATT DEAN
(813) 458-4531

IF USING 11"X17" PLOT, DRAWINGS WILL BE HALF SCALE



APPROVALS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE SUBCONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR MODIFICATIONS.

AT&T RF: _____ DATE: _____
AT&T OPERATIONS: _____ DATE: _____
AT&T SITE AQ: _____ DATE: _____
OCI: _____ DATE: _____
PROPERTY OWNER: _____ DATE: _____
MUNICIPAL: _____ DATE: _____

DRAWING INDEX

| SHEET NO: | SHEET TITLE |
|-----------|----------------------|
| T-1 | TITLE SHEET |
| Z-1 | SITE SURVEY |
| Z-2 | OVERALL SITE PLAN |
| Z-3 | EXISTING SITE PLAN |
| Z-4 | PROPOSED SITE PLAN |
| Z-5 | SITE ELEVATION |
| Z-6 | ANTENNA MOUNT DETAIL |

DO NOT SCALE DRAWINGS

SUBCONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN MISSOURI, CALL MISSOURI ONE CALL

TOLL FREE: 1-800-344-7483 OR
www.mocall.com

MISSOURI STATUTE REQUIRES MIN OF 2 WORKING DAYS NOTICE BEFORE YOU EXCAVATE

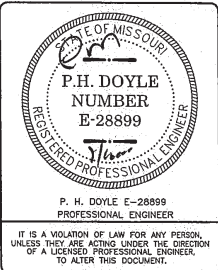
CONTACT INFORMATION

ENGINEER: 15450 S OUTER FORTY DR, SUITE 200
CHESTERFIELD, MO 63017

CONTACT: GEORGE P. XENOS
PHONE: (913) 687-9233

DRIVING DIRECTIONS

DIRECTIONS FROM NEAREST INTERSTATE:
FROM I-64, TAKE EXIT 24, GO STRAIGHT ON S MASON ROAD RAMP, TURN LEFT ONTO S MASON ROAD, TURN RIGHT ONTO MASONRIDGE ROAD, TURN RIGHT ONTO CLAYTON ROAD, TURN LEFT ONTO WILDWOOD PKY, SITE IS ON THE RIGHT.



MO3530
CLAYTON & BAXTER
14800 CLAYTON ROAD
CHESTERFIELD, MO 63017
LTE

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1



| RESIDENCE | DISTANCE FROM CL OF TOWER |
|-----------|---------------------------|
| A | 261'-0"± |
| B | 313'-0"± |
| C | 339'-0"± |
| D | 391'-0"± |
| E | 442'-0"± |
| F | 460'-0"± |
| G | 260'-0"± |
| H | 332'-0"± |
| I | 401'-0"± |
| J | 282'-0"± |

SITE PLAN
SCALE: 1" = 100'



| LEGEND | |
|--------------------|----------------------|
| BRICK WALL | ===== |
| LEASE AREA | ----- |
| ICE BRIDGE | XXXXXXXXXXXXXXXXXXXX |
| OVERHEAD POWER | —OHP— OHP— OHP— |
| UNDERGROUND POWER | —UGP— UGP— UGP— |
| OVERHEAD UTILITIES | —OHU— OHU— OHU— |
| UNDERGROUND TELCO | —UGT— UGT— UGT— |

13075 MANCHESTER RD, SUITE 100
ST LOUIS, MO 63131

10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO: 168986
DRAWN BY: AK
CHECKED BY: GPX

| REV | DATE | DESCRIPTION |
|-----|----------|-------------------|
| 0 | 09/16/11 | ISSUED FOR ZONING |

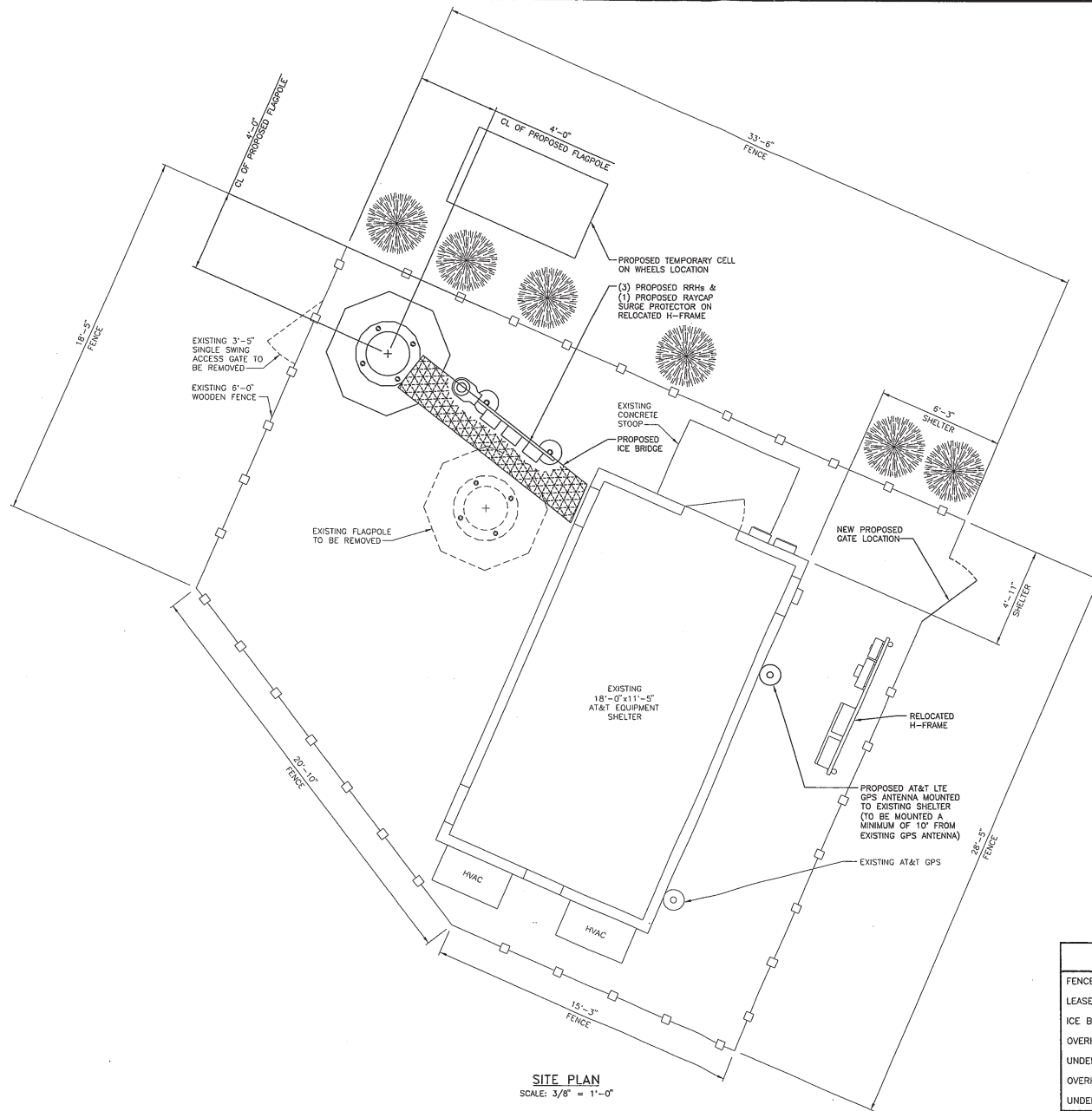
P. H. DOYLE E-28899
PROFESSIONAL ENGINEER

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

MO3530
CLAYTON & BAXTER
14800 CLAYTON ROAD
CHESTERFIELD, MO 63017
LTE

SHEET TITLE
**OVERALL
SITE PLAN**

SHEET NUMBER
Z-2



SITE PLAN
SCALE: 3/8" = 1'-0"

| LEGEND | |
|--------------------|----------------------------------|
| FENCE | — [Symbol] — [Symbol] — [Symbol] |
| LEASE AREA | - - - - - |
| ICE BRIDGE | [Cross-hatched pattern] |
| OVERHEAD POWER | — OHP — OHP — OHP |
| UNDERGROUND POWER | — UGP — UGP — UGP |
| OVERHEAD UTILITIES | — OHU — OHU — OHU |
| UNDERGROUND TELCO | — UGT — UGT — UGT |



13075 MANCHESTER RD, SUITE 100
ST LOUIS, MO 63131



BLACK & VEATCH

10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO: 168986
DRAWN BY: AK
CHECKED BY: GPX

| REV | DATE | DESCRIPTION |
|-----|----------|-------------------|
| 0 | 09/18/11 | ISSUED FOR ZONING |



P. H. DOYLE E-28899
PROFESSIONAL ENGINEER

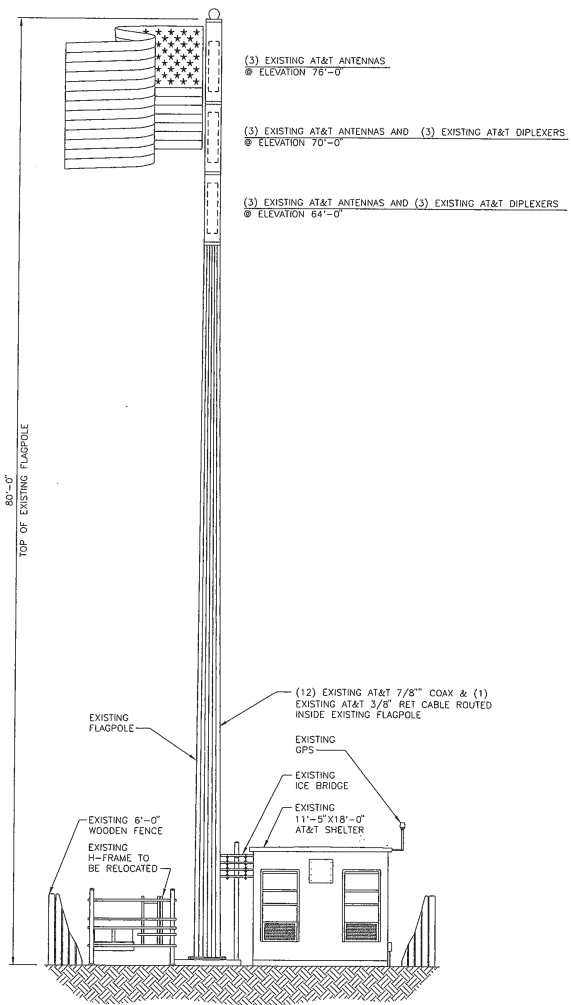
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MO3530
CLAYTON & BAXTER
14800 CLAYTON ROAD
CHESTERFIELD, MO 63017
LTE

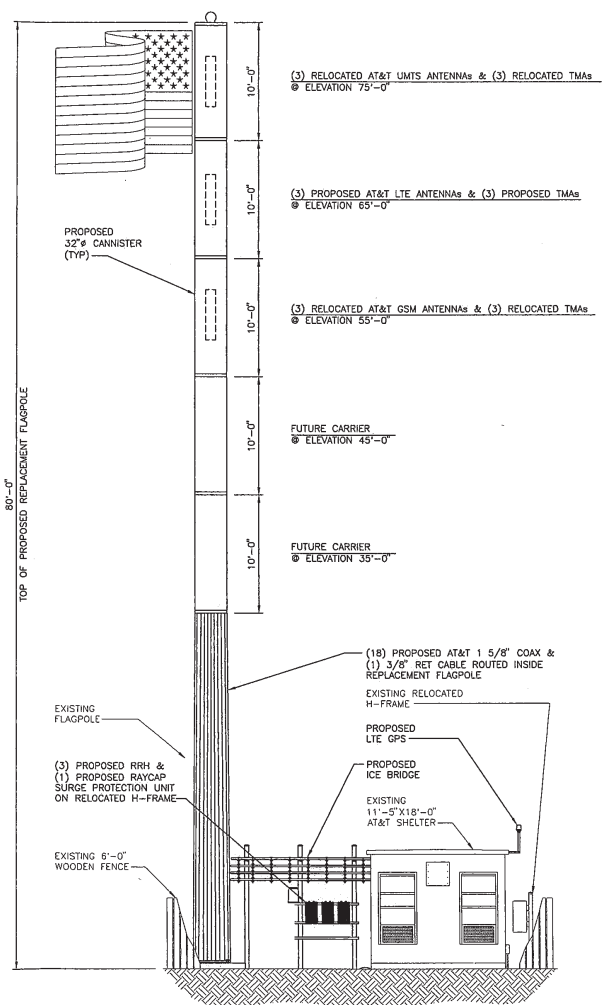
SHEET TITLE
PROPOSED SITE PLAN

SHEET NUMBER

Z-4



EXISTING SITE ELEVATION
NO SCALE

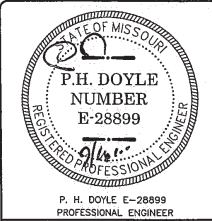


PROPOSED SITE ELEVATION
NO SCALE



| | |
|-------------|--------|
| PROJECT NO: | 168986 |
| DRAWN BY: | AK |
| CHECKED BY: | GPX |

| REV | DATE | DESCRIPTION |
|-----|----------|-------------------|
| 0 | 09/16/11 | ISSUED FOR ZONING |



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M03530
CLAYTON & BAXTER
14800 CLAYTON ROAD
CHESTERFIELD, MO 63017
LTE

SHEET TITLE
SITE ELEVATION

SHEET NUMBER
Z-5



September 7, 2011

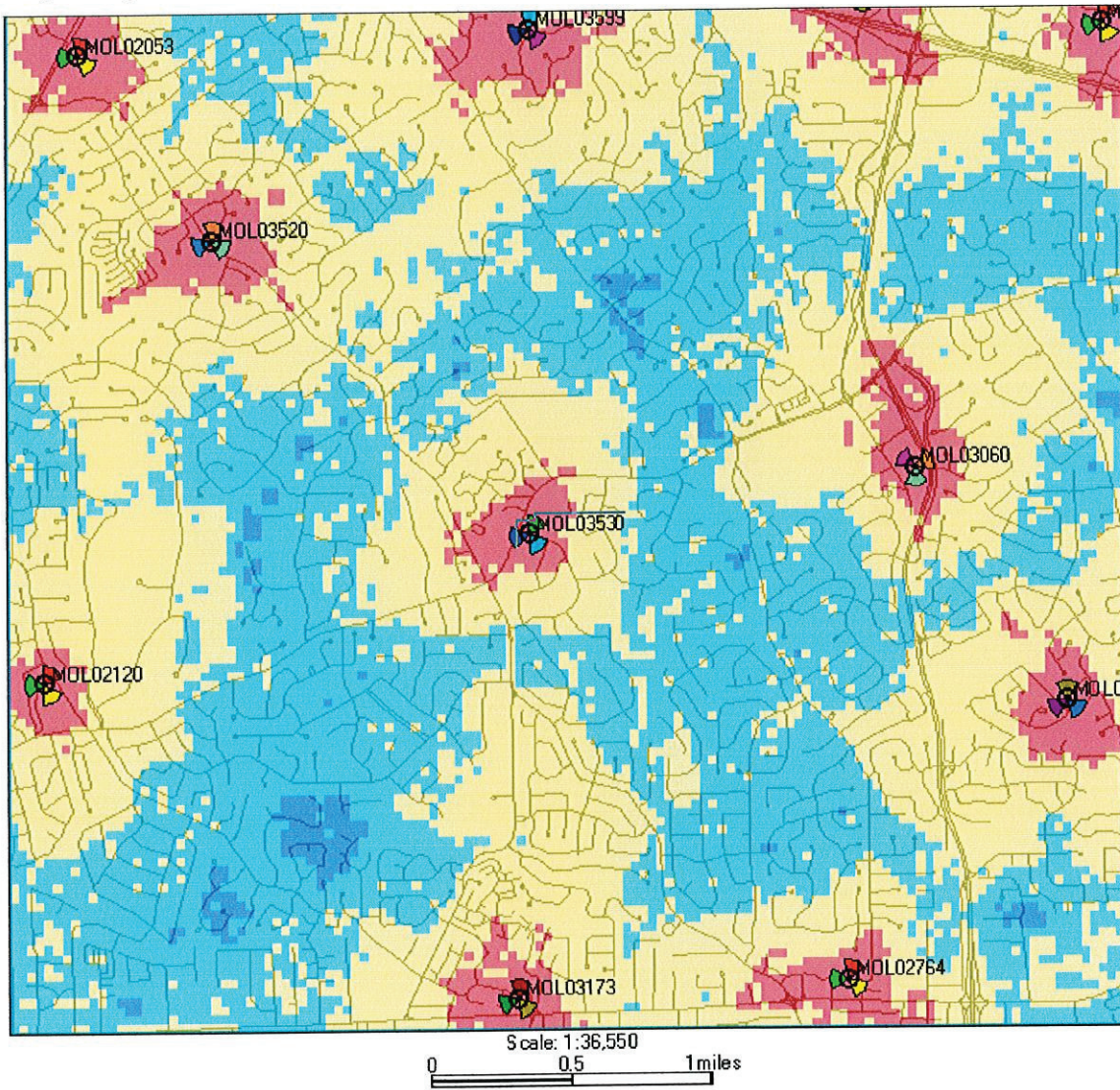
The following is a brief explanation of why AT&T Mobility is proposing to have the current wireless communication facility at 14800 Clayton Road modified. This facility is labeled as MOL03530 on Map 1. Currently this facility is only capable of broadcasting our older technologies.

This facility currently is broadcasting our "2G" technology (called GSM) and our "3G" technology (called UMTS). Normally each technology uses its own antennas and equipment. The modification we are proposing is to add our "4G" technology (called LTE). Perhaps you have seen all the television commercials from various wireless carriers talking about their 4G systems. 4G, short for 4th generation of wireless technology, allows wireless carriers to provide much faster data speeds than our current networks. 4G is only for data at this point. All voice calls will still be served on older technologies. Currently AT&T still has the fastest data network. Although as other carriers implement and optimize their 4G networks we expect to lose that advantage and eventually fall behind other carriers unless we also launch our 4G network. The proposed modifications will allow us to implement our 4G technology by using additional antennas and equipment.

Because of national E911 requirements, this site needs to run other technologies. The 4G technology is not capable of handling voice calls at this time and all 911 calls made from a wireless device will be routed through our older technologies. Normally each technology uses its own antennas and equipment. The new 4G technology is on lower frequencies and therefore require slightly larger antennas than what we currently use. Because of this there is no way to fit these antennas in the existing enclosures. The best way to get these antennas concealed from view is to replace the current pole with another pole.

This plan will have no effect on our coverage for current technologies. Map 1 below shows the proposed coverage for our 4G network in the area. AT&T Mobility has acceptable coverage in most of the surrounding area. Because 4G is a data only service the different signal levels don't indicate whether service exists or not. In general on 4G the stronger the signal (to a point) the faster the data rates will be. It is expected that red, yellow and light blue will have data speeds faster than our 3G technology. The dark blue will likely have data speeds nearly identical to the 3G technology.

Map 1 Proposed AT&T "4G" coverage



Ron Humphrey

Radio Frequency Design Engineer
AT&T Mobility Division

PHOTO SIMULATION

PROPOSED WIRELESS COMMUNICATIONS FACILITY

SITE LOCATION MAP

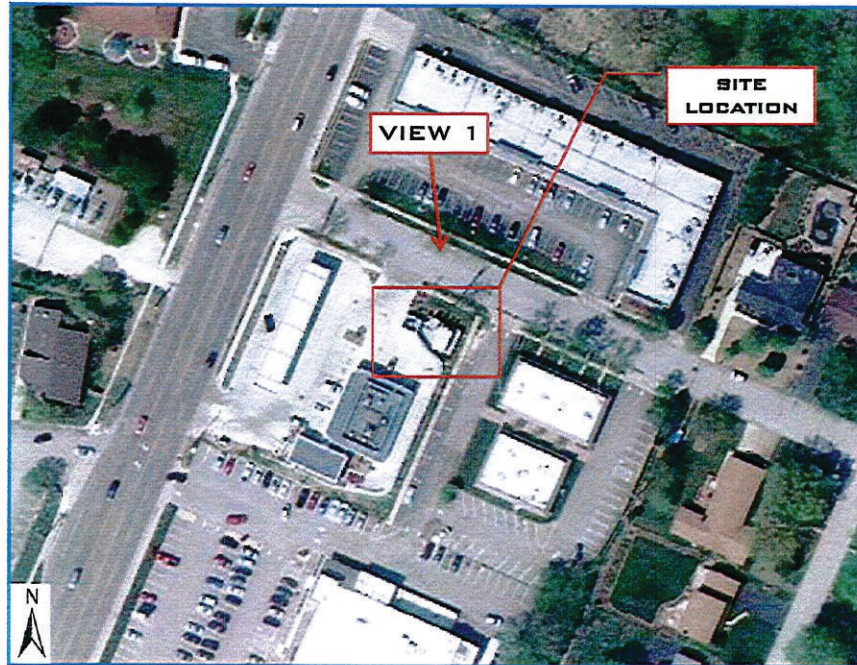


Image from GoogleMaps 2011©

SITE NUMBER: M03530 (8759)
SITE NAME: CLAYTON & BAXTER
SITE ADDRESS: 14800 CLAYTON ROAD
CHESTERFIELD, MO 63017
DATE: 09/15/11
APPLICANT: AT&T WIRELESS
CONTACT: GEORGE P. XENDS
BLACK & VEATCH
(913) 687 - 9233



**EXISTING
FLAGPOLE AND
CANISTERS**

**EXISTING VIEW -
LOOKING SOUTH**

**PHOTO SIMULATION -
LOOKING SOUTH**



**PROPOSED 80'-0"
FLAGPOLE AND 32"
DIAMETER
CANISTERS**