# III. A.

# Memorandum **Department of Planning & Public Works**

To: Planning and Public Works Committee

From: Annissa McCaskill-Clay, AICP

**Lead Senior Planner** 

Date: May 6, 2010

RE: T.S.P. 15-2009 Clearwire US LLC (18620 Olive Street Road): A request to obtain approval

for a Telecommunications Siting Permit for the purpose of adding additional antennas and equipment to an existing lattice-work telecommunications tower on a 2500 square foot lease

area zoned "PI" Planned Industrial at 18620 Olive Street Road. (17W510093)



Clearwire US, LLC, has requested a telecommunications facilities siting permit to allow the following on an existing lattice-work tower located at the former location of Chesterfield Fence. The request consists of:

- ➤ Installation of three (3) additional antennas to the existing tower.
- Installation of associated ground located equipment within the existing fenced compound.

City of Chesterfield Ordinance 2391, which governs telecommunications and facilities siting, requires that the Planning Commission provide a venue for public hearing of requests for Telecommunications Siting Permits. Please note, the Commission does not provide a recommendation to the City Council, but rather generates a list of issues during the hearing. At the public hearing on April 26, 2010, no outstanding issues were identified.

Attached are copies of the materials submitted to the Planning Commission.

Respectfully submitted,

Annissa McCaskill-Clay, AICP Lead Senior Planner

Annissa McCaskill-Clay

CC: Michael G. Herring, City Administrator

Rob Heggie, City Attorney

Michael O. Geisel, Director of Planning & Public Works Aimee Nassif, Director of Planning & Development Services

Attachments: Planning Commission packet





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. 15-2009 Clearwire US LLC (18620 Olive Street Road): A request to obtain approval for a Telecommunications Siting Permit for the purpose of adding additional antennas and equipment to an existing lattice-work telecommunications tower on a 2500 square foot lease area zoned "PI" Planned Industrial at 18620 Olive Street Road. (17W510093)

# **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 placement of antennas from a new user, Clearwire US, on an existing tower located at 18620 Olive Street Road. Additional equipment to support the new antennas is proposed to be placed within the existing equipment compound.

As previously stated, the telecommunications tower is currently a lattice-work tower which was approved prior to establishment of telecommunications standards in the City of Chesterfield. The current antenna array on the tower was approved administratively under the conditions of City of Chesterfield Ordinance 1214. 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 April 26, 2010 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,

Annissa McCaskill-Clay, AICP Lead Senior Planner

Annissa McCaskill-Clay

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



Existing tower



# 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, April 26, 2010 at 7:00 pm in the Council Chambers at the City Hall, 690 Chesterfield Parkway West, Chesterfield, Missouri 63017. Said hearing will be as follows:

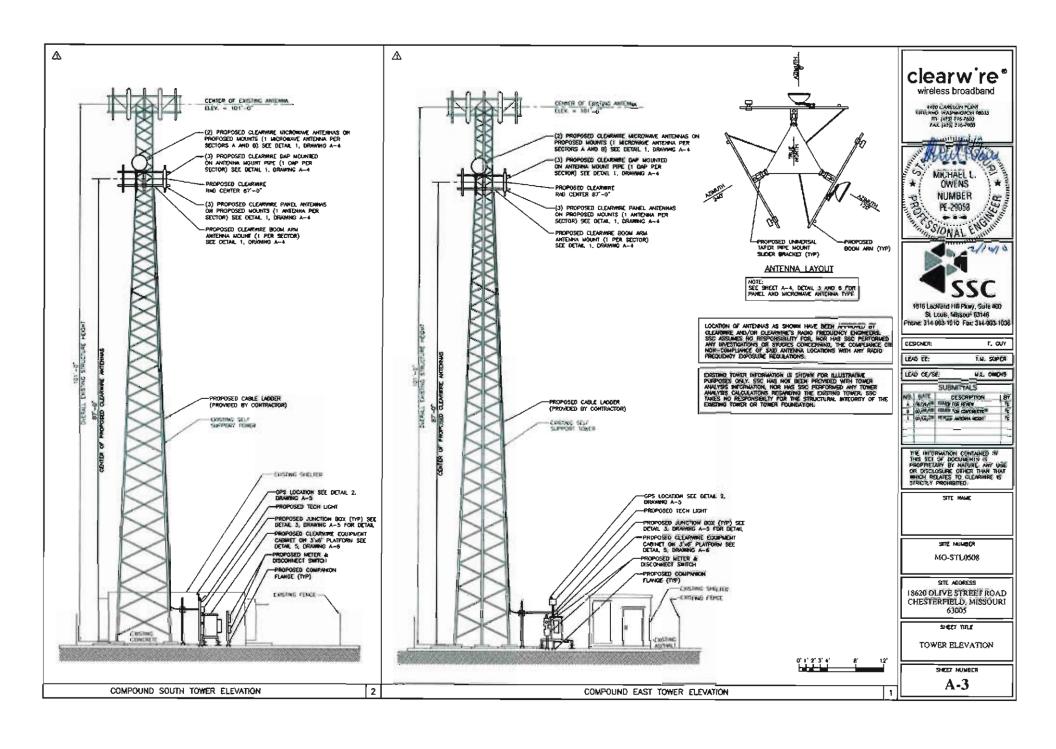
T.S.P. 15-2009 Clearwire US LLC (18620 Olive Street Road): A request to obtain approval for a Telecommunications Siting Permit for the purpose of adding additional antennas and equipment to an existing lattice-work telecommunications tower on a 2500 square foot lease area zoned "PI" Planned Industrial at 18620 Olive Street Road. (17W510093)

# **DESCRIPTION OF LEASE AREA**

A TRACT OF LAND BEING A PART OF U.S. SURVEYS PART OF U.S. SURVEY 153, TOWNSHIP 45 NORTH, RANGE 3 EAST, IN ST. LOUIS COUNTY, MISSOURI AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHEAST CORNER OF A TRACT OF LAND CONVEYED TO CHESTERFIELD FENCE CO., INC., PER DEED RECORDED IN DEED BOOK 8732, PAGE 1205 OF THE ST. LOUIS COUNTY MISSOURI, RECORDER OF DEEDS OFFICE, ALSO BEING IN THE SOUTH RIGHT-OF-WAY LINE SOUTH 11 DEGREES 45 MINUTES 52 SECONDS EAST 511.04 FEET TO A POINT; THENCE SOUTH 78 DEGREES 14 MINUTES 08 SECONDS WEST 60.00 FEET TO THE TRUE POINT OF BEGINNING OF THE TRACT HERIN DESCRIBED; THENCE SOUTH 11 DEGREES 45 MINUTES 52 SECONDS EAST 50.00 FEET TO A POINT; THENCE SOUTH 78 DEGREES 14 MINUTES 08 WEST 50.00 FEET TO A POINT; THENCE NORTH 11 DEGREES 45 MINUTES 52 SECONDS WEST 50.00 FEET TO A POINT; THENCE NORTH 78 DEGREES 14 MINUTES 08 SECONDS EAST 50.00 FEET TO THE PONT OF BEGINNING CONTAINING 2,500 SQUARE FEET. TOGETHER WITH A NON-EXCLUSIVE ACCESS EASEMENT 50 FEET WIDE FROM THE LEASE PREMISES TO THE PUBLIC ROAD.

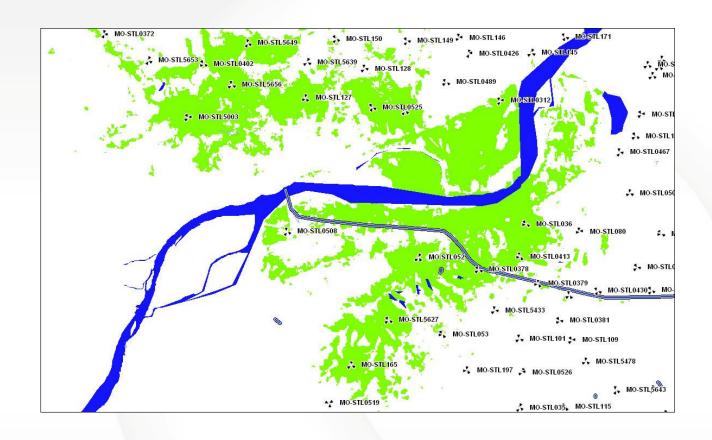


Information on this Public Hearing may be found on the City's website at http://www.chesterfield.mo.us/public-notice.html or by contacting Lead Senior Planner Annissa McCaskill-Clay at 636.537.4737 or via e-mail at amccaskill@chesterfield.mo.us. All interested parties will be given an opportunity to be heard at the Public Hearing.



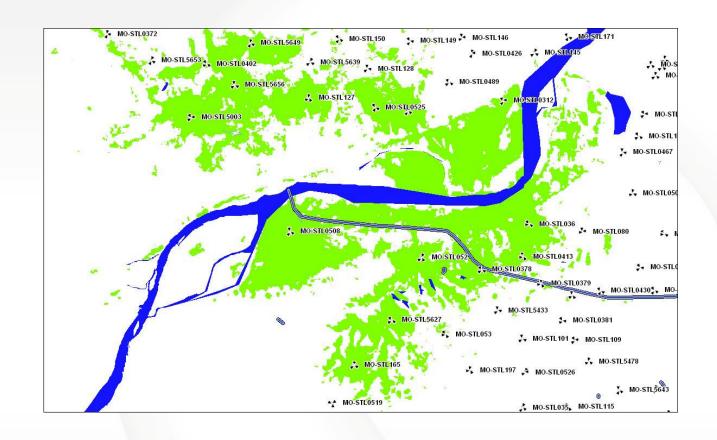
# MO-STL0508 Coverage Analysis





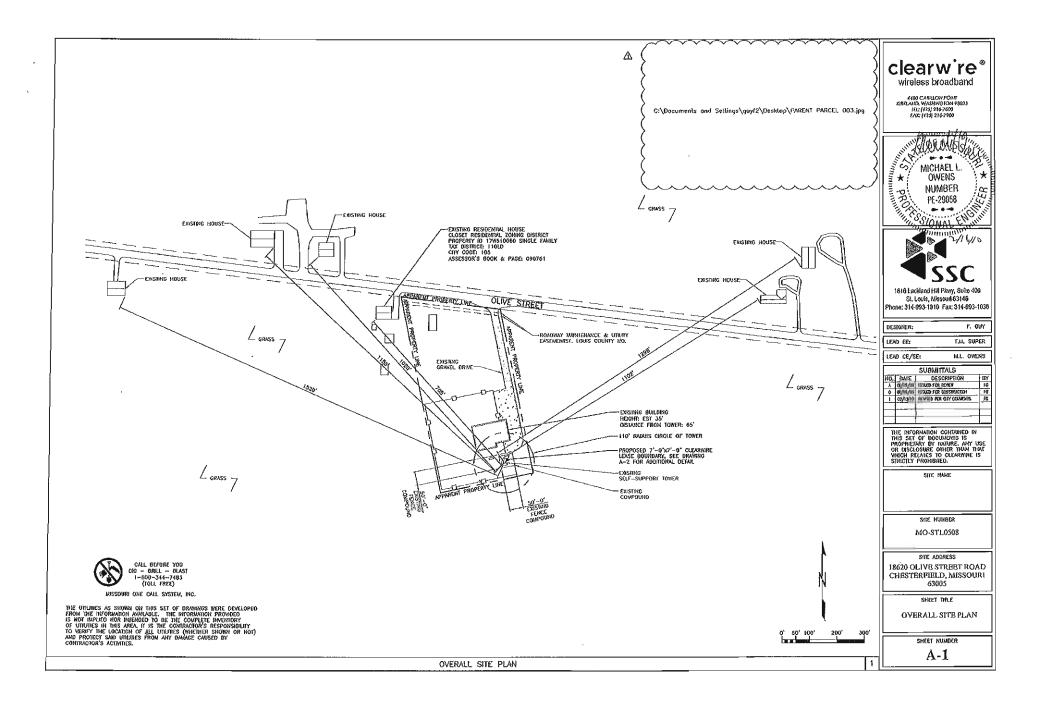
# **Indoor Coverage without MO-STL0508**

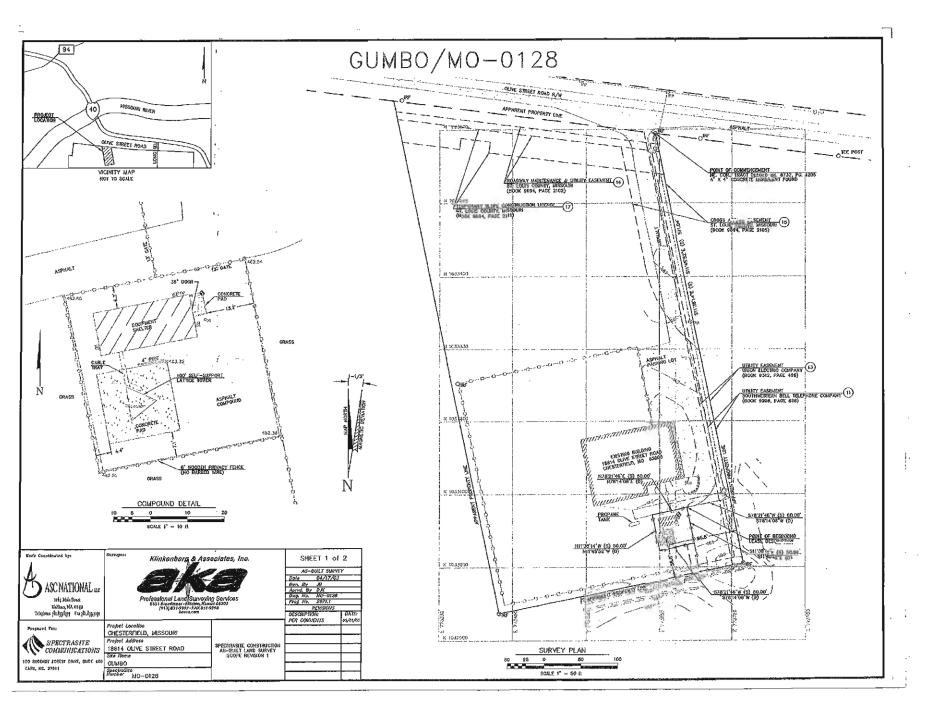




**Indoor Coverage with MO-STL0508** 







TOWER ELEVATION DATUM TOWER THPE: SELF-SUPPORE LATTICE TOWER
ALL SLEVATIONS ARE BASED ON HAVO 1986 DATUM.
GROUND SLEVATION: 455.19
STREFORME HEIGHT: 102.30
ELEVATION AT 100° OF TOWER: 565.49
ELEVATION AT HIGHEST PORT: 688.78

ALL ELEVATIONS ARE "ABOVE MEAN SEA LEVEL" (AMSL)

EQUIPMENT ELEVATION DATUM ANTENNA GROUP NO. 1 -- TENNA: 568.78 ELEVATION AT TOP OF ANTENNA: 568.78 ELEVATION AT MOUNT: 665.49 ELEVATION AT MOUNT: 665.49

ELEVATION AT TOP OF LIGHTNING ROD: 567.17 ALL ELEVATIONS ARE "ABOVE MEAN SEA LEVEL" (AMSL)

LATITUDE\_& LONGITUDE

LATITUDE AND LONGITUDE OF EXISTING TOWER IS BASED ON THE NAD 1983.

ADMUTH OF WESTERLY FACE OF YOMER - 170'36'46"

BASIS OF BEARINGS: HORTH AMERICAN DATUM (NAD83)

THIS IS TO CERTIFY THAT THE CEOCRAPHICAL LOCATION SHOW! IS ACCURATE WITHIN 4/- IS' HORIZORTALLY AND 3' VERTICALLY.

# SURVEY LEGEND

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<b>(</b> s)	SURVEYED BEARING



CALL BEFORE YOU 1-800-344-7483 (TOLL FREE)

MISSOURI ONE CALL SYSTEM, INC. www.molcoll.org

THE UTILITIES AS SHOWN ON THIS DRAWING WERE DEVELOPED FROM THE INFORMATION AVAILABLE, THIS IS NOT IMPLIED NOR INTENDED TO BE THE COMPLETE INVENTORY OF UTILITIES IN THIS AREA. IT IS THE CUMPTE RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND PROTECT SAID UTILITIES FROM ANY DAMAGE.

## Bork Coordinated by: Klinkenborg & Associates, Inc. SHEET 2 of 2 AS-BUILT SURVEY Date 04/17/03 Date 84/17/03 Date 8y 58 April 8y Dir. Dag. 11a. MO-0128 Prof. No. 2871.1 ASCNATIONAL uc Professional Land Surveying Services tros Main Steet Walkan, MA 62461 Telephone plajejejej Faryllejejeje PER COUVERTS CHESTERFIELD, MISSOURI SPECTRASITE COMMUNICATIONS SPECTRASITE DUNINGHON 18814 OLIVE STREET ROAD 100 REGERCY FOREST ORIVE, SWITE 400 GUMBO DESY, NO. 27516 SpectroSite Normber 140-0128

# GUMBO/MO-0128

ACCESS TO TOWER COMPOUND IS BY WAY OF A GRZ FOOT ASPHALT GRIVE AGJORNIO OLIVE STREET ROAD RIGHT-OF-WAY, NARROWEST POINT IN FEET, THE ACCESS ROAD UPS STREET ROAD RIGHT-OF-WAY, PARROWEST POINT IN FEET, THE ACCESS ROAD UPS OFFINELY MEINT HE PARRIET PARROEL, AND IS COVERED BY A HOVERUISTIC OF TOOT CASCIONT FROM THE CLASS PARCOL, TO OLIVE STREET ROAD RIGHT-OF-WAY, ACCORDING TO THE RITE COMMENTAL TRAINET ST.

UTILITY ACCESS IS BY WAY OF UNDERGROUND LINES THAT WERE NOT LOCATED ON THIS SHRVEY

SURVEYOR'S NOTE

TITE COMMITTENT BIO: 00339647
EFFECTIVE DATE: JANUARY 5, 2001 AT 8:00 AM,
TREST AUGROCAN TITLE INSURANCE COMPANY
7800 FORSTHI CLAYTON, MISSOURI 63105 (314) 727--8131

# NOTES CORRESPONDING TO SCHEDULE "B"

- (I) EASEMENT GRANTED SOUTHMESTERN BELL TELEPHONE COMPANY, ACCORDING TO INSTRUMENTS RECORDED IN SOOK \$200, PAGE \$99, AND BOOK 12829, PAGE \$15. THIS TIER IS PLOTED MICROW, AND DIGES NOT AFFECT THE LEASE AREA.
- REALS AND PROVISIONS CONTAINED IN CITY OF CHESTERFIELD GROUNDINGS NO. 406, A COPY OF WHOLI IS RECORDED IN BOOK 523, PAGE 1506 AND BOOK 9353, PAGE 46. INCOME IN BLANKET IN HARVIRE, IS NOT PLOTTED HEREON, AND AFFECTS THE LAKE AREA.
- (14) PRESENTED TO ADMINISTRATION TO THE RESPONSABLE TO RETURN THE PROPERTY OF THE LEASE AND ACCORDING TO RETURN THE RECORD OF THE LEASE AREA.
- (16) TATLETHE TERMS AND PROMISIONS CONTAINED IN THIS ARCHIT SEASOHERT ACCEPTANT BY 48-9 BETWEEN CHISTERFILD FINES OF MAY AND ST. LOUIS COUNTY, MAY DESCRIVE THE MAY AND DOTS NOT ASSETT OF THE PROMISE AND DOTS NOT AFFECT BY LEASE AREA.
- TEMPORARY SLOPE CONSTRUCTION LICENSE GRANTED ST. LOUIS COUNTY, MISSOURI, ACCORDING TO INSTRUMENT RECORDED IN BOOK 9694, PAGE 2111. THIS HEM IS PLOTTED REFROM, AND ODES NOT AFFECT THE LEASE AREA.

# LAND USE NOTE

LEMOTH OF COMPOUND FERCE = 200 FT.

AREA OF FENCED COMPOUND = 2,500 SQ. FT.

AREA OF LEASE PARCEL = 2,500 SQ. FT. OR 0.057 ACRES

AREA OF PARCINI PARCEL = 225,931 SQ. FT. OR 0.16 ACRES

# ZONING STATEMENT

26 FEET FROM NEW R/W OF OUVE STREET ROAD. SO FEET FROM ANY OTHER PROPERTY UNE.

# FLOOD STATEMENT

THE SUBJECT TRACT LIES WITHIN "ZONE X" (AREAS L'INNO OUTSIDE THE 500-YEAR FLOODELIN) AS SHOWN ON THE CITY OF CHESTERRELD, ST. LOUIS COURTY, MISSOURI FLOODE INSURFACE THAT LAND FROUND.

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(N.A.V.D. 1988 DATUM)

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TITLE COMMITMENT EXHIBIT "A" — PARENT PARCEL

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TITLE COMMITMENT EXHIBIT "A" - PARENT PARCEL

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# TITLE COMMITMENT EXHIBIT "B" - LEASE PARCEL

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NOTE: UNABLE TO STAKE LEASE CORNERS DURING TIME OF FIELD WORK.

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# SURVEYOR'S CERTIFICATE

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- (X) I. CORRECTLY SHOWS THE LOCATION AND OBJECTION OF ALL ALLEYS, SIREETS, ROADS, RIGHTS-OF-WART, EXPLIDITES AND OTHER MATTERS OF RECORD WHICH THE SURVEYOR HAS BEEN AMANUAR OFFICES THE SUBSCOP PROPERTY (EACH HAS BEEN IDENTIFIED BY INSTRUMENT YOURSE AND PAGE NUMBER IF AVAILABLE).
- (X) 2. EXCEPT AN SMOOTH THERE ARE NO VISIBLE EASEMENTS, RICHTS-OF-WAY, PARTY WALLS AN CONTINUE.
- (X) 3. ACCESS IS CONTROJOUS BETWEEN THE SUBJECT PROPERTY AND A PUBLIC RICHT-OF-WAY, AS SHOWN.
- (X) 4. THE LEGAL DESCRIPTION DEPICTED HEREON IS THE SAME DEMISED IN THE TITLE COMMUNICATION REPERSINCED HEREON.
- (X) 5. SURVEY MEETS OR EXCERDS THE MINIMUM TECHNICAL STANDARDS FOR LAND BOUNDARY SURVEYS SET FORTH BY MISSOURI STATE LAW.

