Marked Agendas Approved Minutes Approved Reports

The January 19, 2017 Development Review Board Meeting Agenda and Minutes can be found at

http://www.scottsdaleaz.gov/boards/development-review-board

DEVELOPMENT REVIEW BOARD REPORT



Meeting Date:

January 19, 2017

Item No. 4

General Plan Element:

General Plan Goal:

Public Services and Facilities

Encourage provision of

power and communication systems that match the character of Scottsdale and provide reliable, efficient, service for Scottsdale

citizens, visitors, and businesses.

ACTION

T-Mobile PH30933B - Notre Dame Prep High School WCF 46-DR-2004#3

Location:

9701 E. Bell Rd.

Request:

Request approval to modify an existing Type 3 wireless communication facility (WCF)

that is co-located on a 70-foot-tall sports field light pole, with the removal of three

existing antennas and installation of three new antennas.

OWNER

Roman Catholic Diocese of Phoenix

602-257-0300

ARCHITECT/DESIGNER

Crown Castle

ENGINEER

Crown Castle

APPLICANT CONTACT

Kent Flake

Crown Castle

480-735-6957

BACKGROUND

Zoning

This site is zoned R1-5 PCD ESL which allows single-family dwelling units, schools, churches, and wireless communication facilities.

Context

This wireless communication facility (WCF) is located at Notre Dame High School ball fields, which is west of the intersection of E. Rosemary Lane and N. 98th Street.

Action Taken		

Scottsdale Development Review Board Report | Case No. 46-DR-2004#3

Adjacent Uses and Zoning

North Notre Dame High School, zoned R1-35 PCD ESL.

South Ball field zoned R1-5 PCD ESL., beyond is Westworld, zoned WP.

• East (across 98th Street) Horseman's Park single family subdivision, zoned R1-5 PCD ESL.

West Undeveloped land owned by the City of Scottsdale, zoned R1-35 PCD ESL.

DEVELOPMENT PROPOSAL

Goal/Purpose of Request

This existing T-Mobile wireless communication facility was originally approved by the Development Review Board on August 19, 2004 with Case 46-DR-2004. At that time, the WCF had 3 antennas at the 59-foot level on the ball field light pole.

On January 20, 2011, the Development Review Board approved an expansion of the WCF, which added three additional antennas at the 50-foot level on the ball field light pole.

The current request is to remove the lower three antennas, and replace with three new larger snug mounted antennas, measuring 96-inches in length by 11.8-inches in width. The antennas and associated mounting hardware will be painted to match the pole, cables associated with this site will be located within the ball field light pole, and jumper cables extending from the pole to the bottom of the antennas will be screened by a shroud.

Neighborhood Communication

October 21, 2016: Applicant mailed notification letters to property owners within 750 feet of the WCF.

November 29, 2016: Note Dame High School posted information regarding the T-Mobile request on their website at

http://www.ndpsaints.org/page.cfm?p=509&newsid=1030&ncat=6,4,5,3,13,9,7,11,8,12

December 2, 2016: City staff mailed notification postcards out to property owners within 750 feet and to the City's interested parties list, letting the public know that a Development Review Board application was filed with the City.

As of the drafting of this report, staff has not received any public comment.

STAFF RECOMMENDATION

Recommended Approach:

Staff recommends that the Development Review Board approve 46-DR-2004#3 per the attached stipulations.

RESPONSIBLE DEPARTMENT

Planning and Development Services

Current Planning Services

Scottsdale Development Review Board Report | Case No. 46-DR-2004#3

STAFF CONTACT

Keith Niederer

Senior Planner 480-312-2953

E-mail: kniederer@ScottsdaleAZ.gov

APPROVED BY

Keith Niederer, Report Author

Steve Venker, Development Review Board Coordinator

Phone: #9-312-2831 E-mail: svenker@scottsdaleaz.gov

Date 1/9/17
Date 1/9/17

nd Grant, Director

Planning and Development Services

480-312-2664, rgrant@scottsdaleaz.gov

ATTACHMENTS

- Stipulations/Zoning Ordinance Requirements A.
- 1. Context Aerial
- 1A. Close-Up Aerial
- 2. **Zoning Map**
- 3. Applicant's Narrative
- 4. Photograph of existing light pole
- 5.
- **Neighborhood Involvement** 6.
- 7. City Notification Map

Stipulations for the Development Review Board Application: T-Mobile PH30933B - Notre Dame Prep High School WCF Case Number: 46-DR-2004#3

These stipulations are intended to protect the public health, safety, welfare, and the City of Scottsdale.

APPLICABLE DOCUMENTS AND PLANS:

- Except as required by the Scottsdale Revised Code, the Design Standards and Policies Manual (DSPM), and the other stipulations herein, the site design and construction shall substantially conform to the following documents:
 - a. Architectural elements, including dimensions, materials, form, color, and texture shall be constructed to be consistent with the building elevations submitted by Crown Castle and T-Mobile, with a city staff date of 11/29/2016.
 - b. The location and configuration of all site improvements shall be consistent with the site plan submitted by Crown Castle and T-Mobile, with a city staff date of 11/29/2016.

ARCHITECTURAL DESIGN:

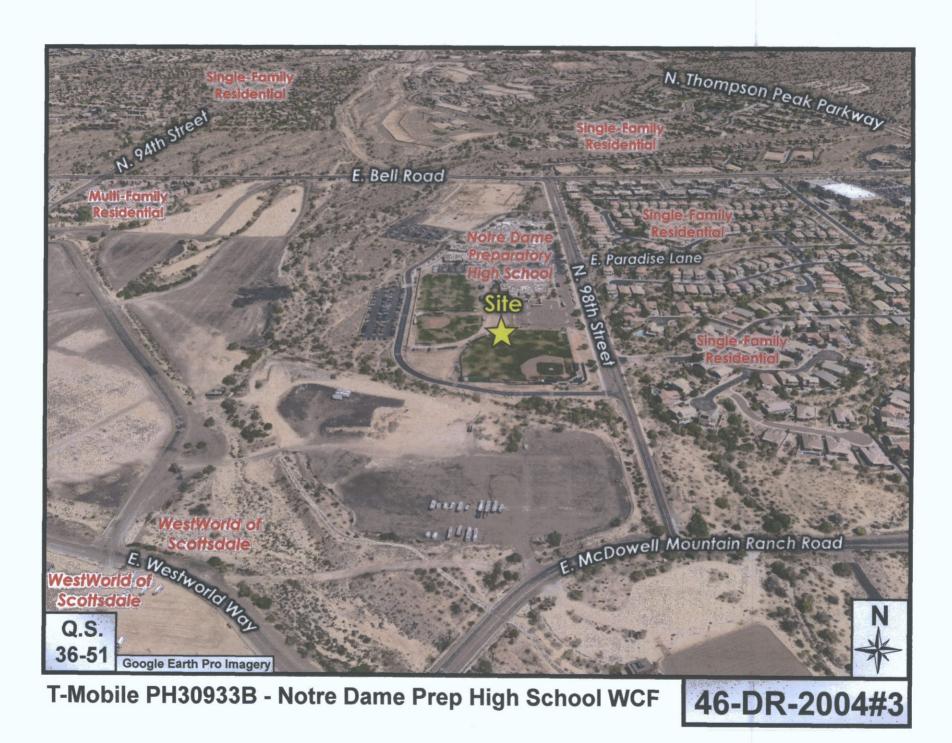
DRB Stipulations

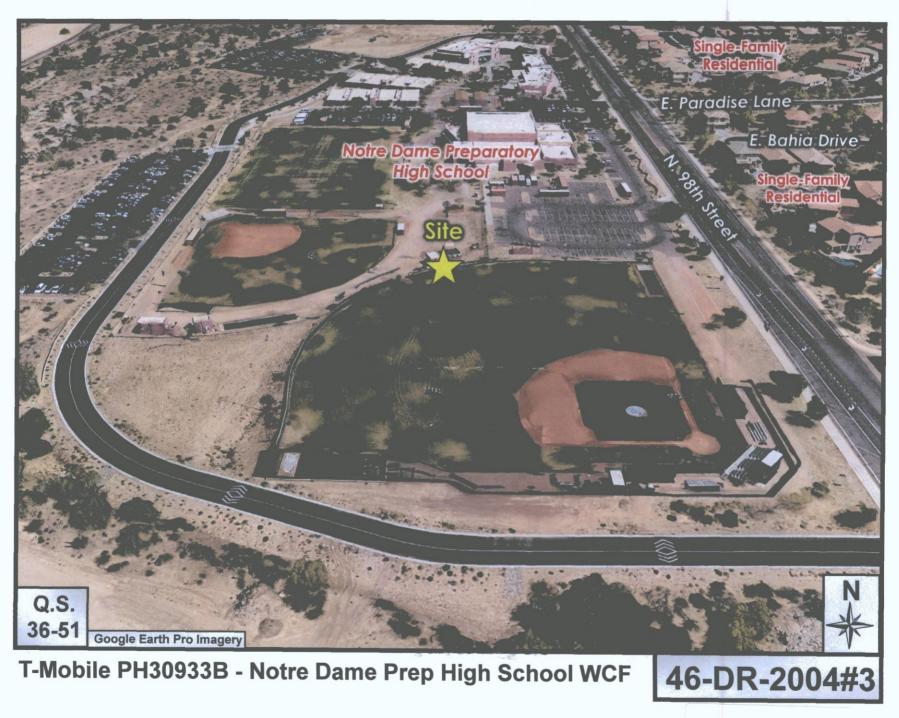
- 2. Antennas and mounting hardware shall be painted to match the color of the ball field light pole.
- 3. Antenna pipe mounts shall be trimmed to match the height of the antennas.
- 4. Antenna coaxial jumper cables fed into the bottom of all antennas shall be screened by shroud, which shall be painted to match the color of the antenna.

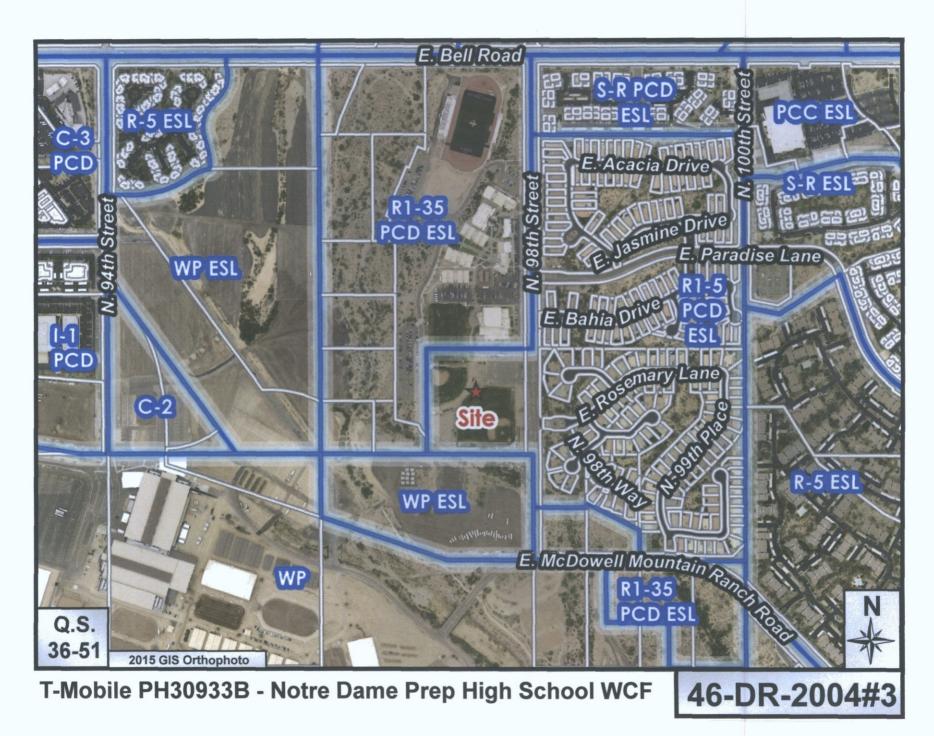
ADDITIONAL ITEMS:

DRB Stipulations

5. Prior to any construction, the applicant shall schedule a pre-construction meeting by calling Inspection Services at 480-312-5750. This note shall appear on the construction drawings.







ATTACHMENT #2

T-Mobile Site - PH30933B

Crown Castle Site: Notre Dame Prep HS / Site Number 826319 9701 E. Bell Road, Scottsdale, AZ 85260

Project Narrative

This pre-application request is to allow modification of T-Mobile's equipment on an existing wireless facility owned by Crown Castle. The existing antennas are collocated on a light pole located at the baseball field of Notre Dame Preparatory High School. The proposed modifications include: remove and replace (3) antennas (1 per sector), and remove (3) tower mounted amplifiers.

The proposed request does not significantly change the existing pole. In fact, to the untrained eye the changes will not be noticeable. The proposal replaces all three antennas (one per sector) on the pole without adding any other equipment. Although the new antennas are larger than the existing ones, they are flush mounted against a pole which also serves as a light pole for the baseball field at Notre Dame High School. The antennas will be replaced at the 50-foot centerline of the light pole. Existing coax cable will be used to connect the new antennas to the ground equipment.

The monopole light pole is one of several light poles located on the high school grounds and serves to disguise the use by mounting antennas on an existing vertical structure. The light pole is located west of the south parking lot at the high school and is about 300 feet west of N. 98th Street. The nearest residential property is located east of 98th Street, more than 400 feet east of the wireless facility. Access to the site is through the south parking lot to an access gate which provides access to the back side of the baseball fields. The height of the tower will not change, and the width changes only slightly due to the larger antennas. No ground will be disturbed with this change. The pole is surrounded by a CMU wall, which also surrounds the ground equipment and shields it from public view.

There is no impact to car or pedestrian traffic in the area. Other than the initial installation process, which may take a couple of days, the site continues to be unmanned and will only be accessed for periodic maintenance visits. Traffic in the area will not be affected.

There will be no change to the site in regards to noise or lighting. Equipment on the ground is unchanged and there will be no noise emissions from the new antennas. Lighting will be unchanged.

The new equipment will improve coverage in the area for local residents and emergency responders. T-Mobile considers this antenna upgrade to be necessary to keep pace with technology demand from smartphones and other handheld devices.



Photo 18 – View of Tower **ATTACHMENT #4**

T-Mobile*

L700 PROJECT T-MOBILE SITE NUMBER: PH30933B

CROWN CASTLE SITE NAME: NOTRE DAME PREP HS CROWN CASTLE BU NUMBER: 826319

SITE LOCATION: 9701 E. BELL RD SCOTTSDALE, AZ 85260

EXISTING 69.5' BALL FIFLD LIGHT POLE



GENERAL NOTES **DRIVING DIRECTIONS**

FROM 2625 S PLAZA DR ST 400 TEMPE, AZ 85282

DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

SITE INFORMATION

PH30933B

MARICOPA

R1-35

SCOTTSDALE

217-14-989

CO-LOCATION

N 33° 38' 04.1" W 111° 52' 15.1"

BALL FIELD LIGHT POLE

CROWN CASTLE 2055 S. STEARMAN DRIVE CHANDLER AZ 85286 GABRIEL DALEY PHONE: (480) 735-6929 CROWN SITE NUMBER: 326319 APPLICATION NUMBER: 344804 JDE JOB NUMBER: 383350

CROWN CASTLE 2055 S. STEARMAN DRIVE CHANDLER AZ 85286

GABRIEL DALEY PHONE: (480) 735-6929

T-MOBILE 2625 S PLAZA DR #400 TEMPE, AZ 85282

NOT PROVIDED

NOT PROVIDED

CROWN NOTRE DAME PREP HS 9701 E. BELL RD SCOTTSDALE, AZ 85260

T-MOBILE SITE NUMBER:

T-MOBILE SITE NAME:

ZONING CLASSIFICATION-

LATITUDE (NAD 83): LONGITUDE (NAD 83):

SITE ADDRESS:

JURISDICTION:

SITE TYPE:

APPLICANT-

CARRIER:

POWER COMPANY:

TELEPHONE COMPANY:

DO NOT SCALE DRAWINGS

PARCEL NUMBER:

STRUCTURE TYPE:

TOWER OWNERS

STRUCTURE HEIGHT:

COUNTY-

PROJECT DESCRIPTION THIS PROJECT WILL BE COMPRISED OF:

CHANGES ON THE EXISTING TOWER:

- JANGES ON THE EXISTING TOWER:

 REMOVE (3) EXISTING ANTENNAS.

 REMOVE (3) EXISTING TMA'S.

 INSTALL (3) NEW ANTENNAS (1 PER SECTOR)

 INSTALL (6) NEW CONCEALMENT SHROUDS (1 PER ANTENNA)

CODE COMPLIANCE

INTERNATIONAL BUILDING CODE 2012 (WITH CITY AMENDMENTS) FI FOTRICAL CODE: NATIONAL ELECTRICAL CODE 2011 (WITH CITY AMENDMENTS) TIA/EIA-222-G STRUCTURAL STANDARD FOR STEEL ANTENNA TOWERS

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (ANJ) FOR THE LOCATION. THE EDITION OF THE ANJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL COVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL COVERN.

PROJECT TEAM

A&E SERVICES: JEREMY SHARIT, PE 158 BUSINESS CENTER DRIVE BIRMINGHAM, AL 35244 (205) 252-6985

CROWN CASTLE PROJECT MANAGER: 2055 S. STEARMAN DRIVE CHANDLER AZ 85286 DARRICK MANEZES PHONE: (602) 845-1722

CROWN CASTLE CONSTRUCTION MANAGER: 2055 S. STEARMAN DRIVE CHANDLER AZ 85286 JASON ALBRAND PHONE: (480) 735-6914

CROWN CASTLE A&E PROJECT MANAGER: 2055 S. STEARMAN DRIVE CHANDLER AZ 85286

PHONE: (602) 845-1721 T-MOBILE PROJECT MANAGER: PEGGY OWEN 2625 S PLAZA DR ST 400 TEMPE, AZ 85282

PHONE: (405) 209-7175 T-MOBILE CONSTRUCTION MANAGER:

RAYMOND JORDAN 2625 S PLAZA DR ST 400 TEMPE, AZ 85282 PHONE: (951) 236-0912

SHEET	DESCRIPTION
T-1	TITLE SHEET
A-1	SITE PLAN
A-2	ENLARGED SITE PLAN
A-3	EXISTING & PROPOSED EQUIPMENT PLAN
A-4	EXISTING & PROPOSED ANTENNA PLANS
A-5	EXISTING & PROPOSED ELEVATIONS
A-6	DETAILS
G-1	GROUNDING DETAILS

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION, A TECHNICIAN WILL JUST THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURPANCE OR CFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNINGE IS PROPOSED.

T·Mobile

2625 S PLAZA DR ST 400 TEMPE, AZ 85282 TEL: (480) 638-2600 FAX: (480) 638-2852



		STEARMAN DRIVE DLER AZ 85286
1	10/04/16	REISSUED FOR CONSTRUCTION
0	09/26/16	REISSUED FOR CLIENT REVIEW
В	08/26/16	REISSUED FOR CLIENT REVIEW
A	07/19/16	ISSUED FOR CLIENT REVIEW
REV.	DATE	REVISION DESCRIPTION

TAMORII E SITE NI IMBER-PH30933B

CROWN CASTLE BU NUMBER/NAME: 826319

NOTRE DAME PREP HS SITE LOCATION:

9701 E. BELL RD SCOTTSDALE, AZ 85260

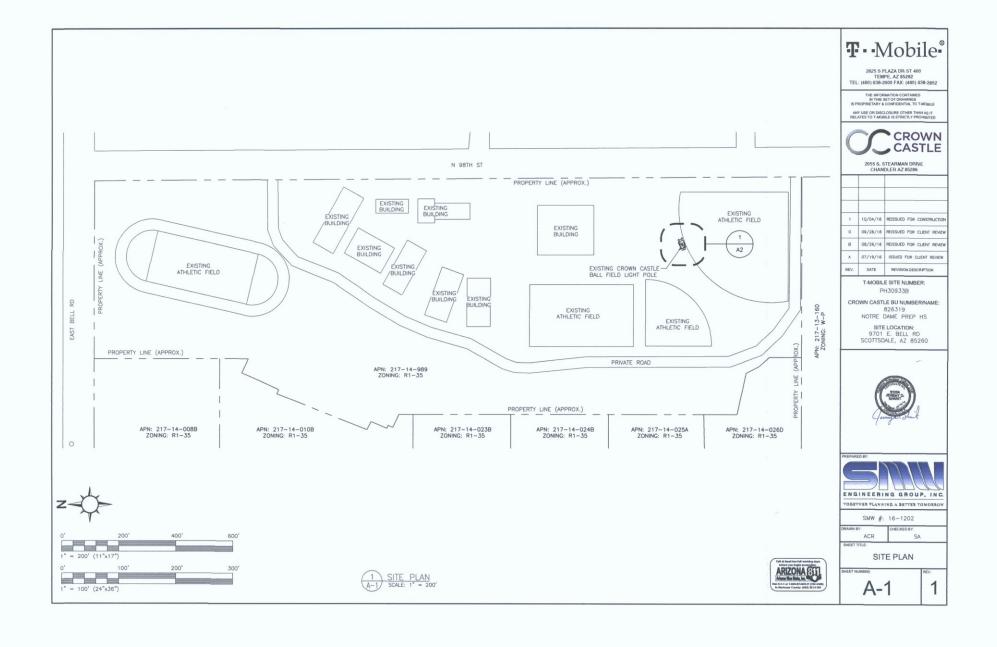


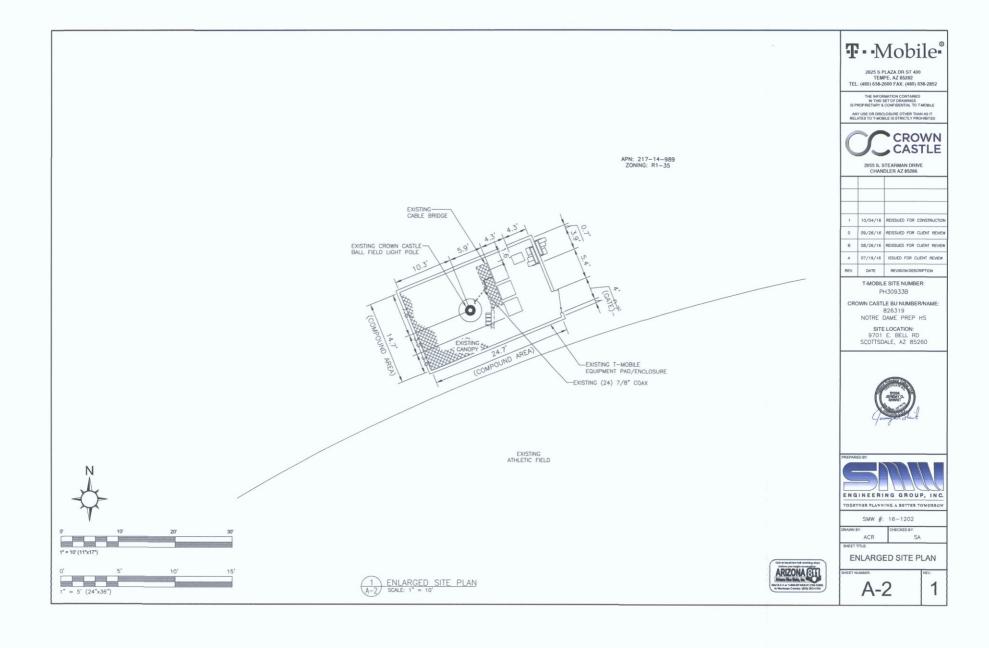


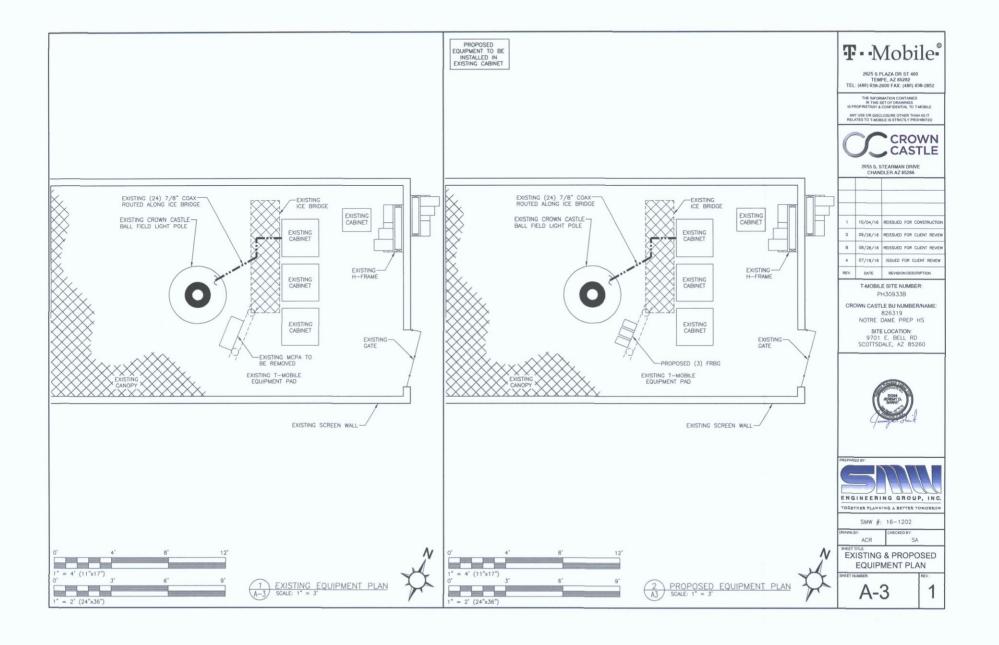
SMW #: 16-1202 ACR

TITLE SHEET

T-1





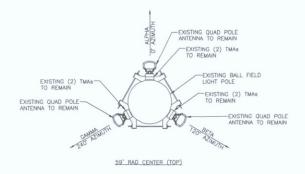


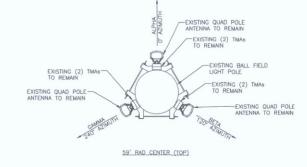
POSITION	STATUS	ANTENNA	ANTENNA DIMENSIONS (HxWxD)	RAD CENTER	AZIMUTH
А	NEW	LONG QUAD	96.1"x14.9"x13.4"	50°	0*
В	NEW	LONG QUAD	96.1"x14.9"x13.4"	50'	120*
С	NEW	LONG QUAD	96.1"x14.9"x13.4"	50'	240*
D	EXISTING	QUAD PORT	53,1"x6.9"x3.15"	59"	0.
Ε	EXISTING	QUAD PORT	53.1"x6.9"x3.15"	59'	120°
F	EXISTING	QUAD PORT	53.1"x6.9"x3.15"	59*	240*
				T	

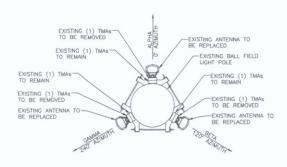
NO MAPPING OR ANALYSIS HAS BEEN PERFORMED ON SECTOR MOUNTS, AND STRUCTURAL INTEGRITY OF MOUNTS UNDER NEW LOADING IS UNDETERMINED

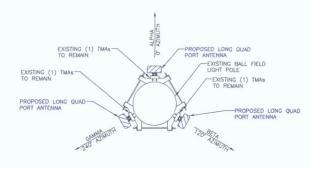
NEW INTEGRATED ANTENNA SYSTEM PLACEMENT TO BE FIELD VERIFIED AT START OF CONSTRUCTION, PLACEMENT TO BE APPROVED BY T-MOBILE PRIOR TO INSTALL

NEW ANTENNA MASTS SHOULD BE INSTALLED AT THE 50' RAD FOR THE NEW L700 ANTENNAS 2 7/8" MIN.









NEW 50' RAD CENTER (BOTTOM)



52' RAD CENTER (BOTTOM)





2625 S PLAZA DR ST 400 TEMPE, AZ 85282 TEL: (480) 638-2600 FAX: (480) 638-2852

THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO T-MOBILE ANY USE OR DISCLOSURE OTHER THAN AS IT



2055 S. STEARMAN DRIVE CHANDLER AZ 85286

_	UTAN	DLEH AZ 83286
1	10/04/16	REISSUED FOR CONSTRUCTION
0	09/26/16	REISSUED FOR CLIENT REVIEW
В	08/26/16	REISSUED FOR CLIENT REVIEW
Α	07/19/16	ISSUED FOR CLIENT REVIEW
REV.	DATE	REVISION DESCRIPTION

T-MOBILE SITE NUMBER: PH30933B

CROWN CASTLE BU NUMBER/NAME:

826319 NOTRE DAME PREP HS

SITE LOCATION: 9701 E. BELL RD SCOTTSDALE, AZ 85260





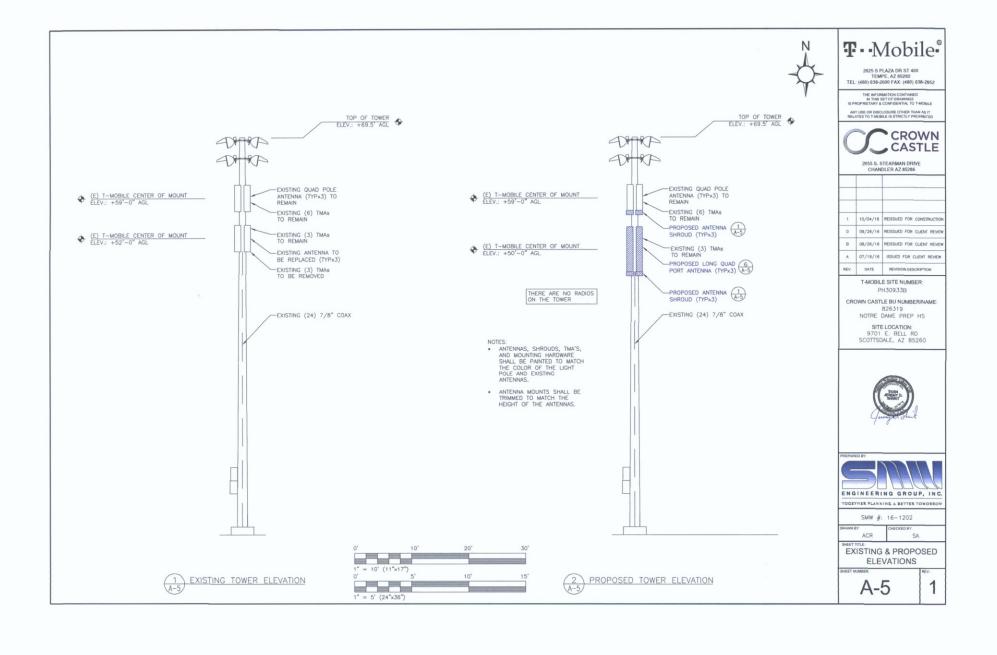
SMW #: 16-1202

EXISTING & PROPOSED
ANTENNA PLAN

A-4

ACR

1



Neighborhood Notification Report

On October 21, 2016 letters were mailed to all property owners located within a radius of 750 feet from the T-Mobile facility at the ball field light pole on the campus of Notre Dame High School. A total of 38 properties were identified within the 750-foot radius, and a spreadsheet showing the addresses is attached. Of the 38 parcels, 5 are owned by the City of Scottsdale and 9 parcels are controlled or owned by a homeowner's association. In cases of duplicate ownership, only one letter was sent. Of the letters which were sent, two were returned as being undeliverable, marked by the U.S. Post Office as wrong address – unable to forward. These two letters are marked in yellow on the attached spreadsheet.

To date we have received no phone calls, e-mails, or letters in regards to the proposed modifications outlined in the letter.

On November 29, 2016, Notre Dame High School posted an article on their school web-site in regards to the proposed modifications to the tower. The news article included an elevation drawing of the proposed changes. This is a new posting, but no response has been received to date.



October 24, 2016

Dear Neighbor:

This letter is in regards to an existing T-Mobile Wireless Communication Facility located on the campus of Notre Dame High School. Crown Castle, on behalf of T-Mobile, proposes to replace three antennas on an existing baseball field light pole that currently accommodates an existing T-Mobile antenna array.

T-Mobile intends to submit an application to the City of Scottsdale for processing. The proposed antennas will replace existing antennas in the lower part of the antenna array as depicted on the attached elevation plan. You are receiving this notification as required by City of Scottsdale zoning code since you own property located within 750 feet of the existing wireless communications facility.

T-Mobile is committed to improving coverages areas and expanding network capacity to handle the growing number of wireless demands. T-Mobile's improved wireless service will provide residents, visitors, and businesses with high quality, reliable wireless communication for both personal and business needs, and greatly enhance emergency services.

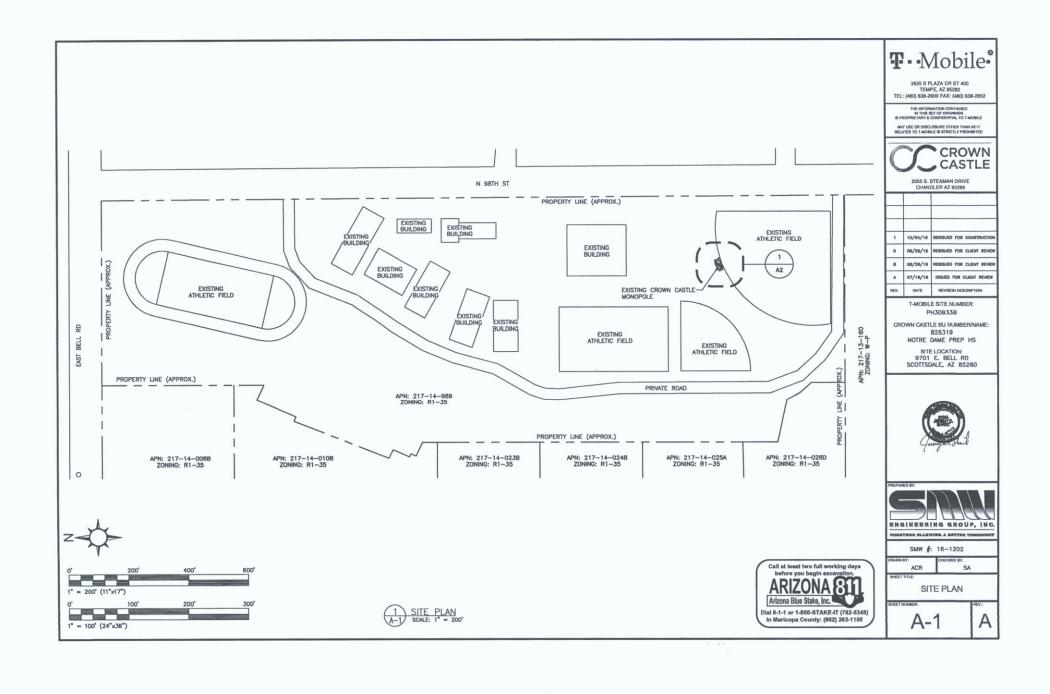
If you have any questions or comments regarding this process, please feel free to call me at (480) 735-6951 or e-mail me at kent.flake@crowncastle.com. Alternatively, you may contact Keith Niederer, Senior Planner, at the City of Scottsdale, 480-312-2953 or e-mail at kniederer@scottsdaleaz.gov.

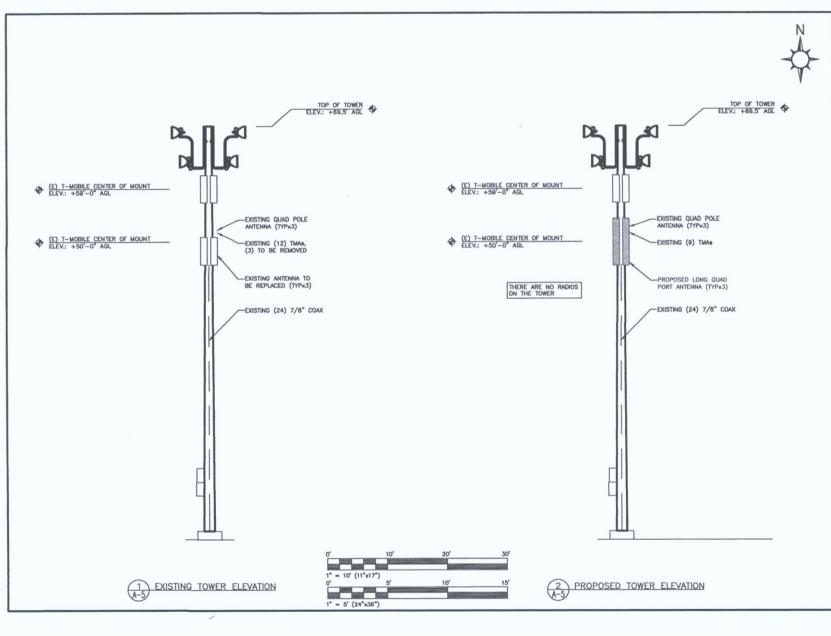
Sincerely,

Kent Flake

Real Estate Specialist

Crown Castle





T. Mobile.

2625 S PLAZA DR ST 400 TEMPE, AZ 85282 TEL: (480) 638-2600 FAX: (480) 638-2852

THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO T-MOBILE

ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO T-MOBILE IS STRICTLY PROHIBITED



2055 S. STEAMAN DRIVE CHANDLER AZ 85286

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H		
1	10/04/18	REISSUED FOR CONSTRUCTION
0	09/28/18	RESSUED FOR CLIENT REVIEW
В	08/28/15	REPSSUED FOR CLIENT REVIEW
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T-MOBILE SITE NUMBER: PH30933B

CROWN CASTLE BU NUMBER/NAME: 826319

826319 NOTRE DAME PREP HS

SITE LOCATION: 9701 E. BELL RD SCOTTSDALE, AZ 85260



PREPARED BY



SMW #: 16-1202

ACR CHECK

THILE:

EXISTING & PROPOSED ELEVATIONS

HEET NUMBER:

A-5

A

Q = MENU



STUDENTS
PARENTS
ALUMNI
FACULTY/STAFF

- > CALENDAR
- > EVENT REGISTRATION
- > NEWSLETTER
- > ADMISSIONS EVENTS
- > ATHLETIC CAMPS & SIGN-UPS
- > BOX OFFICE
- > BRANDING GUIDELINES
- > MEDIA GALLERY
- > SUBMIT NEWS
- > SUBMIT QUOTE

NEWS & EVENTS

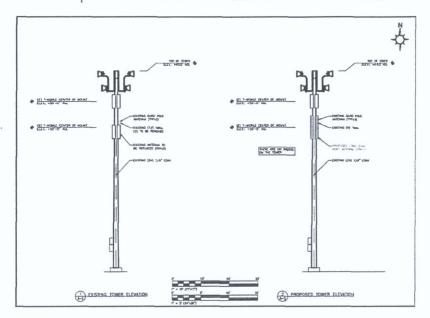
<Back to News

CELLPHONE ANTENNAS TO BE REPLACED

Posted 11/29/2016 11:41AM

This notice is in regards to an existing T-Mobile Wireless Communication Facility located on the campus of Notre Dame High School. Crown Castle, on behalf of T-Mobile, proposes to replace three antennas on an existing baseball field light pole that currently accommodates an existing T-Mobile antenna array.

T-Mobile intends to submit an application to the City of Scottsdale for processing. The proposed antennas will replace existing antennas in the lower part of the antenna array as depicted on the attached elevation plan. City of Scottsdale zoning code requires that this notice be placed on the school web-site or in a newsletter.



If you have any questions or comments regarding this process, please feel free to call Kent Flake at (480) 735-6951 or e-mail him at kent.flake@crowncastle.com. Alternatively, you may contact Keith Niederer, Senior Planner, at the City of Scottsdale, 480-312- 2953 or e-mail at kniederer@scottsdaleaz.gov.

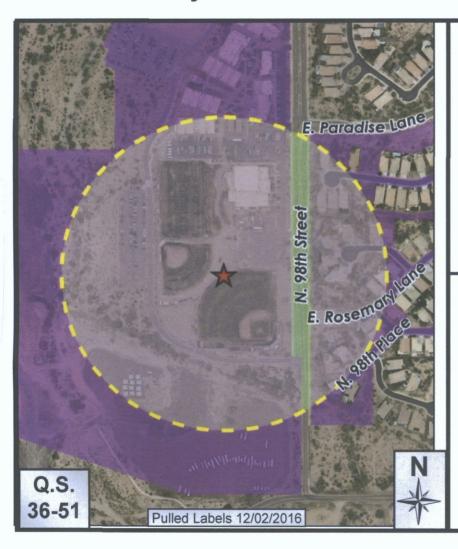


MARKETING STAFF

Kimberly Haub

Communications Coordinator

City Notifications – Mailing List Selection Map



Map Legend:



Site



Properties within 750-feet

Postcards: 51

Additional Notifications:

- Interested Parties List
- Adjacent HOA's
- P&Z E-Newsletter
- Facebook
- Twitter
- Nextdoor.com
- City Website-Projects in the hearing process

Notre Dame Prep HS Crown Castle Site 826319 46-DR-2004#3