

**Marked Agendas
Approved Minutes
Approved Reports**

**The September 15, 2016
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: September 15, 2016 Item No. 3
General Plan Element: *Public Services and Facilities*
General Plan Goal: *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

Verizon PHO Windy Antenna Replacement 116-DR-2006#4

Location: 33016 N. 60th St.

Request: Request approval of the modification of an existing wireless communication facility (WCF), including the removal of 3 existing antennas and installation of 6 new long-term evolution (LTE) antennas, on a football field light pole at Cactus Shadows High School.

OWNER

Cave Creek Unified School District
480-415-2050

ARCHITECT/DESIGNER

KDC Architects

ENGINEER

Tower Engineering Professionals

APPLICANT CONTACT

Ryan Rawson
In-Commercial Communications for Verizon
602-550-5700

BACKGROUND

Zoning

This site is zoned Single-family Residential, Environmentally Sensitive Lands (R1-43 ESL), which allows single family homes, schools, and wireless communication facilities, among other uses.

Context

This site is located on a school campus of the Cave Creek Unified School District near the northwest corner of E. Dove Valley Road and N. 60th Street.

Adjacent Uses and Zoning

- North Los Alisos single-family residential subdivision, zoned R1-10 ESL.
- South School campus, zoned R1-43 ESL
- East School campus, zoned R1-43 ESL
- West School campus athletic fields, zoned R1-43 ESL

Key Items for Consideration

- Increase the number of antennas at an existing football field light pole mounted WCF from 3 to 6 to provide additional wireless communication service capacity.

DEVELOPMENT PROPOSAL

Goal/Purpose of Request

Verizon is proposing to upgrade their existing WCF antennas, which are co-located on an existing 81-foot-tall ball field light pole at the athletic fields of Cactus Shadows High School to provide additional capacity to this area. This WCF has been in existence since 1996, and contains a total of 3 antennas (one per sector). The request is to remove the existing antennas and add a total of 6 new antennas (two per sector) mounted at the 62-foot height level of the ball field light pole.

The proposed antennas dimensions at the 62-foot level are approximately 50-inches-long by 12-inches-wide, with the exception of the northeast facing sector, which will have 2-foot-wide antennas. All antennas and mounting hardware are stipulated to be painted to match the color of the ball field light pole. Staff is also requesting that Verizon utilize back-fed cable antennas or if bottom-fed, install a shroud to limit the amount of exposed coaxial cable.

No visible changes are proposed to the associated ground mounted equipment, which is located underneath the bleachers.

Neighborhood Involvement

July 21, 2016: The applicant mailed neighborhood notifications about the antenna upgrade to property owners within 750 feet.

July 22, 2016 – August 15, 2016: A notification about this Verizon proposal was placed on the front page of the Cactus Shadows High School web site.

August 22, 2016: City staff mailed application submittal notification postcards to property owners within 750 feet.

As of the drafting of this report, staff has not received any correspondence regarding this application.

STAFF RECOMMENDATION

Recommended Approach:

Staff recommends that the Development Review Board approve case 116-DR-2006#4 per the attached stipulations.

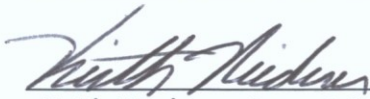
RESPONSIBLE DEPARTMENT

Planning and Development Services
Current Planning Services

STAFF CONTACT

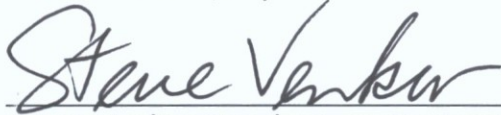
Keith Niederer
Senior Planner
480-312-2953
E-mail: kniederer@ScottsdaleAZ.gov

APPROVED BY



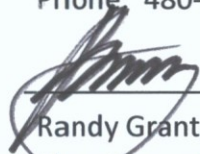
Keith Niederer, Report Author

9-7-2016
Date



Steve Venker, Development Review Board Coordinator
Phone: 480-312-2831 E-mail: svenker@scottsdaleaz.gov

9/7/16
Date



Randy Grant, Director
Planning and Development Services
480-312-2664, rgrant@scottsdaleaz.gov

9/8/16
Date

ATTACHMENTS

- A. Stipulations/Zoning Ordinance Requirements
- 1. Applicant's Narrative
- 2. Context Aerial
- 2A. Close-Up Aerial
- 3. Zoning Map
- 4. Existing Photos
- 5. Photo Simulation
- 6. Plans
- 7. Neighborhood Notification Letter from applicant
- 8. City Notification Map

**Stipulations for the
Development Review Board Application:
Verizon PHO Windy Antenna Replacement
Case Number: 116-DR-2006#4**

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

APPLICABLE DOCUMENTS AND PLANS:

1. 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 Tower Engineering Professionals and Verizon Wireless, with a city staff date of 8/19/2016.
 - b. The location and configuration of all site improvements shall be consistent with the site plan submitted by Tower Engineering Professionals and Verizon Wireless, with a city staff date of 8/19/2016.

ARCHITECTURAL DESIGN:

Ordinance

- A. Antennas shall be mounted no more than two feet from the face of the light pole.

DRB Stipulations

2. Antennas, mounting hardware, and shrouds shall be painted to match the color of the ball field light pole.
3. If coaxial cables are fed into the bottom of the antennas, they shall be concealed by a shroud.
4. Vertical pipe mounts shall be trimmed to match the height of the antennas.
5. With the final plans submittal, the applicant shall submit a coaxial cable plan showing the locations of the coaxial cable between the pole ports and antennas/radio equipment.

ADDITIONAL ITEMS:

DRB Stipulations

6. Prior to any construction, the contractor shall schedule a pre-construction meeting with Inspection Services by calling 480-312-5750. This note shall appear on the plans.



Q.S.
57-41

Google Earth Pro Imagery

Verizon PHO Windy Antenna Replacement

116-DR-2006#4

ATTACHMENT #2



Single-Family Residential
Environmentally-Sensitive Land

Falcon Drive

Site

E. Smokehouse Trail

Elementary School



Q.S.
57-41

Google Earth Pro Imagery

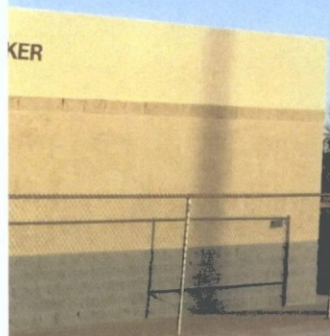
Verizon PHO Windy Antenna Replacement

116-DR-2006#4



Verizon PHO Windy Antenna Replacement

116-DR-2006#4



ATTACHMENT #4



In Command Communications
Phone: (602) 550-6500
Fax: (623) 218-1302

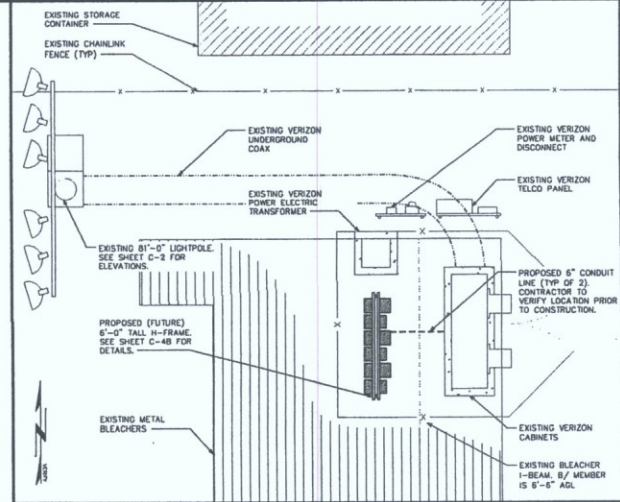
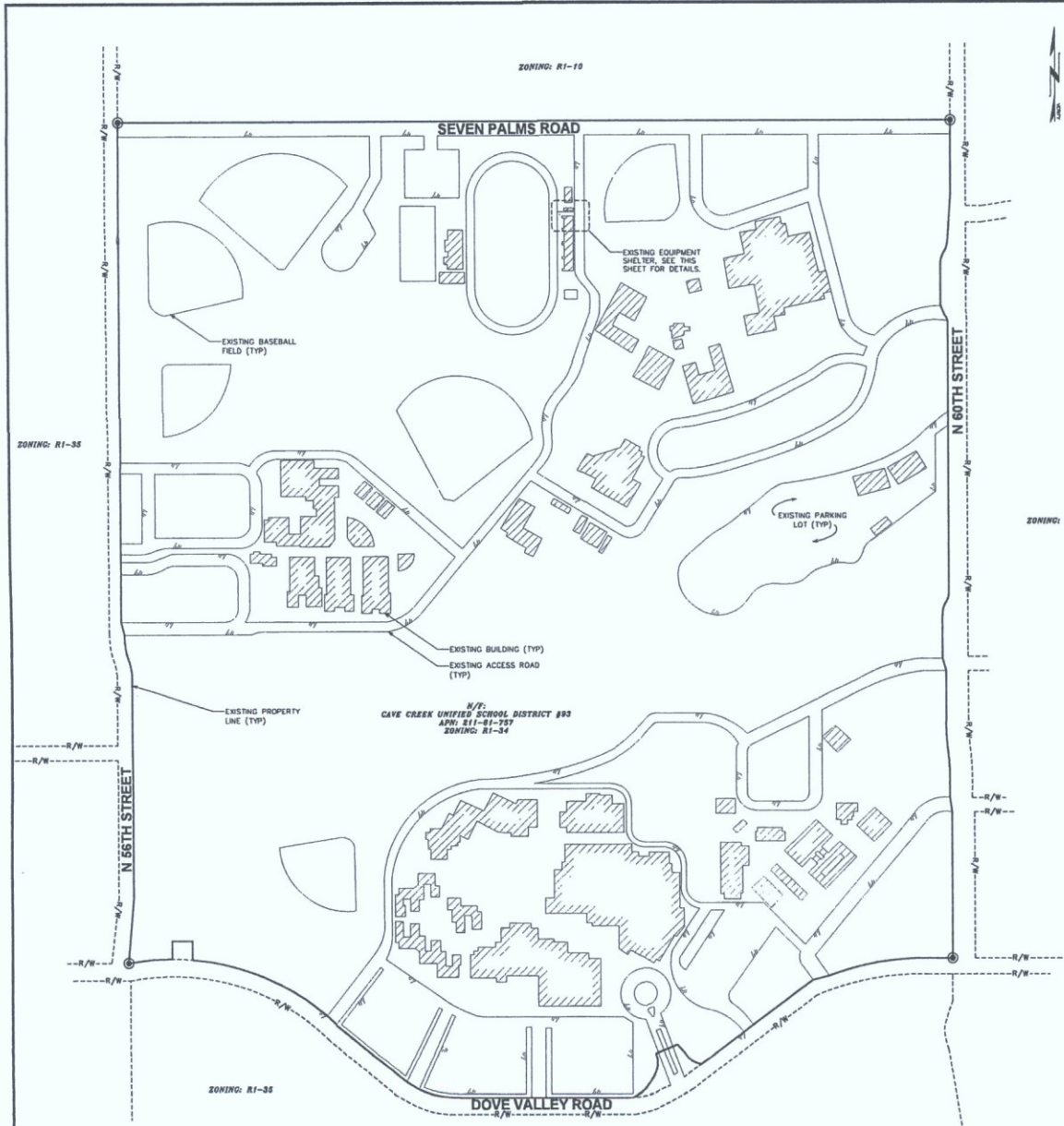
Project: PHO Windy- 33016 N. 60th St.
Scottsdale, AZ 85266
Photo Simulation

Existing Site View



Proposed Design





COMPOUND LAYOUT
SCALE: 1/4" = 1'-0"

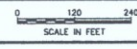


LEGEND

---	EXIST. PROPERTY LINE
UT	EXIST. UTILITY POLE
□	EXIST. TELCO PEDESTAL
⊙	PROPERTY CORNER
---	EXIST. CONTOUR LINE
---	EDGE OF PAVEMENT
---O---	OVERHEAD WIRE
---R/W---	RIGHT-OF-WAY
X	CHAIN LINK FENCE
---	EXISTING TREE LINE

- NOTES:**
1. SITE MARK SHOWN BELOW TAKEN FROM INFORMATION PROVIDED BY MARICOPA COUNTY GIS. CONTRACTOR TO VERIFY ALL EXISTING INFORMATION IS AS INDICATED ON SITE PLAN. CONTRACTOR IS TO ESTABLISH THE EXISTENCE AND LOCATION OF ALL EXISTING OVERHEAD AND UNDERGROUND UTILITIES. IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES.
 2. EXISTING INFORMATION INDICATED ON THE SITE PLAN WAS REPRODUCED FROM MAPS TAKEN FROM MARICOPA COUNTY GIS. TEP DOES NOT GUARANTEE, OR ENSURE THE PRECISION, ACCURACY, OR CORRECTNESS AND ASSUMES NO RESPONSIBILITY OR LIABILITY FOR DAMAGES, LOSS OF REVENUE, OR INJURY THAT MIGHT OCCUR. THE INFORMATION SUPPLIED BY THE CUSTOMER WAS INCORPORATED FOR REFERENCE ONLY.

SITE PLAN
SCALE: 1" = 120'



PLANS PREPARED FOR:
VERIZON WIRELESS
100 WEST GOMAL DRIVE
MESA, AZ 85203
OFFICE: (480) 343-3600

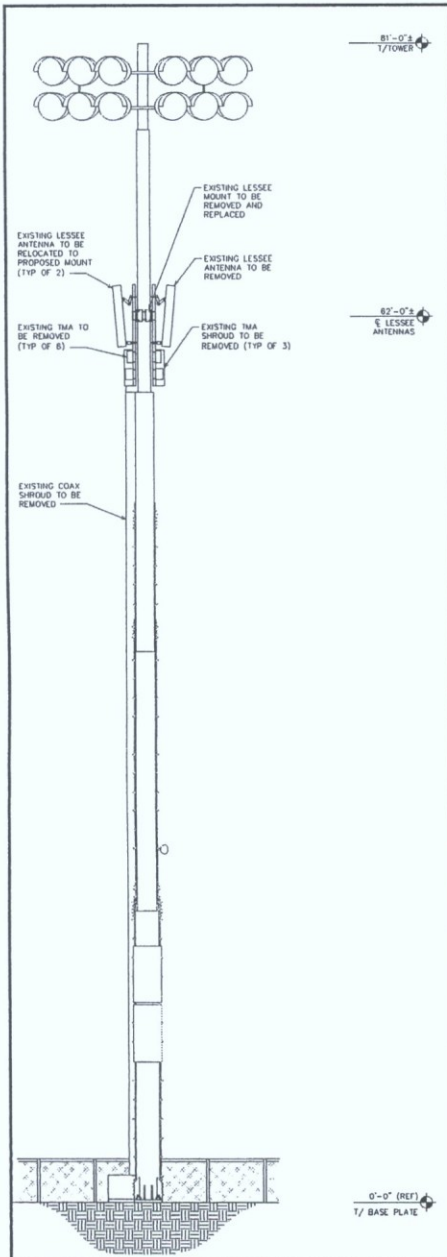
PLANS PREPARED BY:
TWYER ENGINEERING PROFESSIONALS
228 TYRON ROAD
PALENA, AZ 85002
OFFICE: (919) 861-4851
FAX: (919) 861-4300

DESIGNED BY:	DATE:
CHECKED BY:	DATE:
DRAWN BY:	DATE:
PROJECT INFORMATION:	
CONTRACTOR:	
PERMITS:	
ISSUED FOR:	

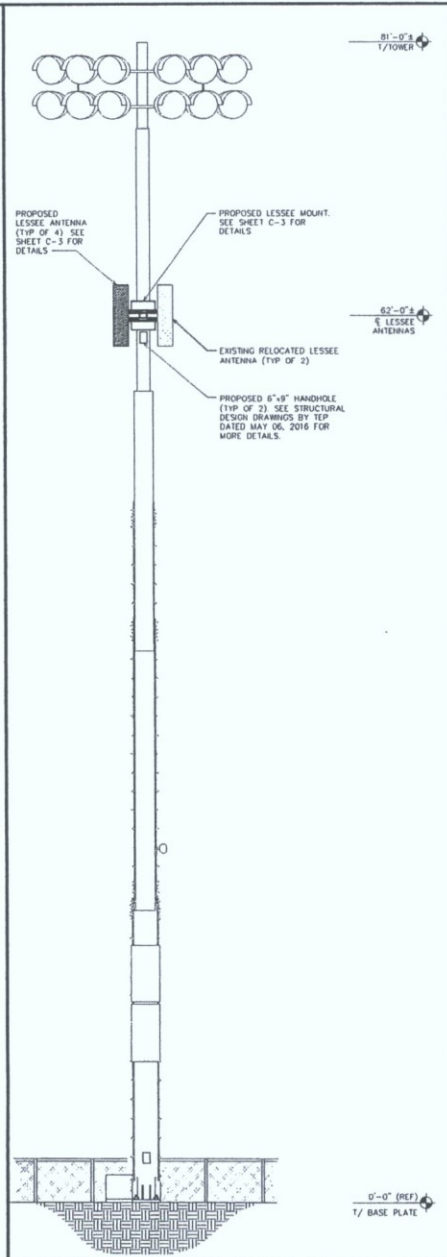
PHO WINDY PCS
SARA H. BISH, DIRECTOR
CAVE CREEK, AZ 85331
(MARICOPA COUNTY)



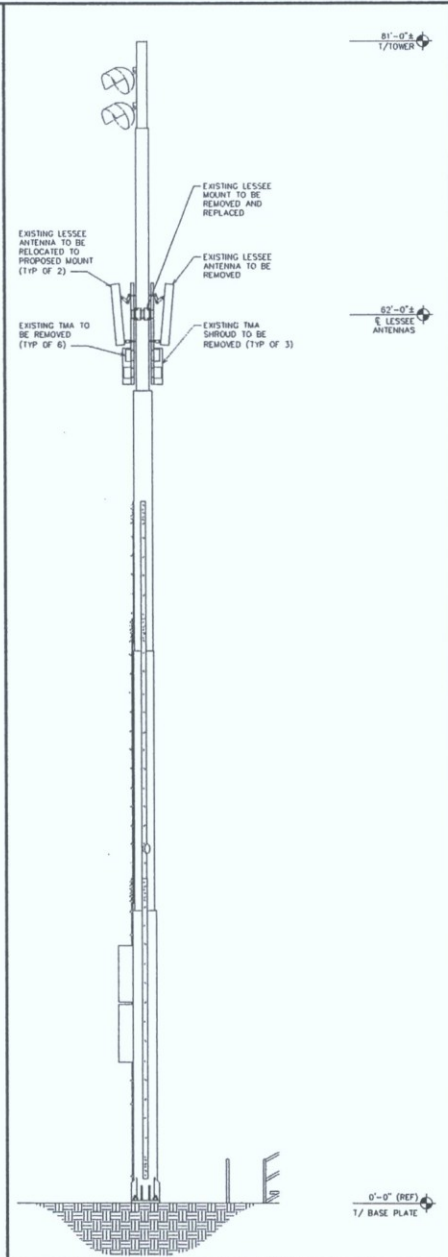
SCALE:
SITE PLAN & COMPOUND LAYOUT
SHEET NUMBER: **C-1**
REVISION: 1
TEP # 3-200-7/12/15



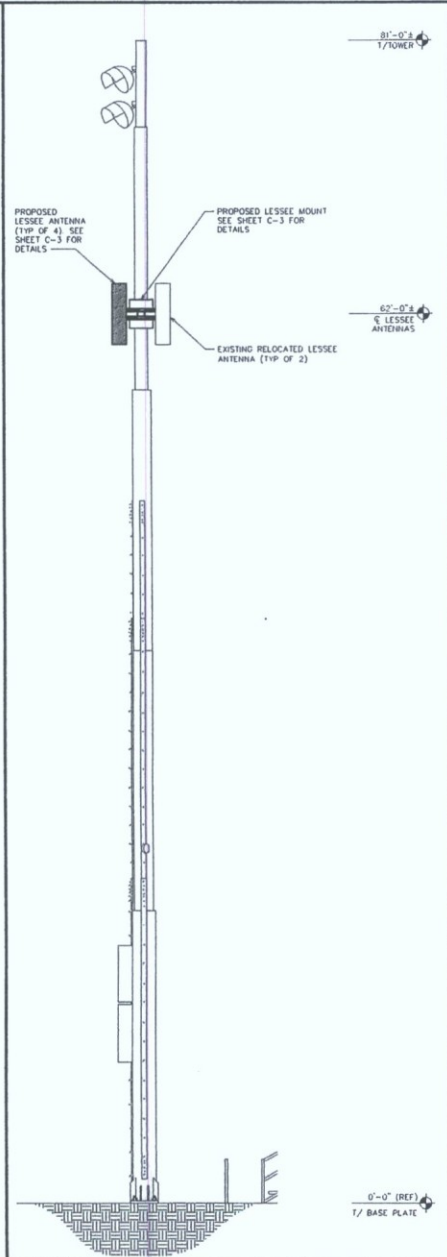
EXISTING WEST TOWER ELEVATION
SCALE: 1/4" = 1'-0"



PROPOSED WEST TOWER ELEVATION
SCALE: 1/4" = 1'-0"



EXISTING SOUTH TOWER ELEVATION
SCALE: 1/4" = 1'-0"



PROPOSED SOUTH TOWER ELEVATION
SCALE: 1/4" = 1'-0"

PLANS PREPARED FOR:

155 WEST CHANDLER DRIVE
TAMPA, AZ 85283
OFFICE: (480) 343-3600

PLANS PREPARED BY:

TOWER ENGINEERS PROFESSIONALS
328 TROY ROAD
RALEIGH, NC 27603-3630
OFFICE: (919) 891-0001
FAX: (919) 891-0000

NO.	DATE	DESCRIPTION	ISSUED FOR	CHECKED BY
1	05/06/16	CONSTRUCTION	PRELIMINARY	
0	02/02/16	DATE	ISSUED FOR	

DESIGNED BY: MMW
CHECKED BY: GMA

PROJECT INFORMATION:

PHO WINDY PCS
3816 N 16TH STREET
CAVE CREEK, AZ 85021
(MARICOPA COUNTY)

SEAL:

Engineer: 063002016

SHEET TITLE:
SOUTH & WEST TOWER ELEVATIONS

SHEET NUMBER:
C-2

REVISION:
1

TEP #230017/020



PUBLIC NOTIFICATION LETTER

Dear Property Owner:

Verizon Wireless is requesting Development Review Board approval from the City of Scottsdale to modify its equipment on the existing wireless communication facility (WCF) located in your community.

LOCATION: 33016 N. 60th Street, Scottsdale, AZ 85266 - Stadium light pole at Cactus Shadows High School.

ZONING DESIGNATION: R1-43

DESCRIPTION OF PROPOSAL: Verizon Wireless is proposing to add (3) panel antennas, replace (1) of (3) existing panel antennas, and add ancillary equipment at the 62' centerline of the 81' stadium light pole.

The proposed antenna modification will pose a very limited visual impact to the surrounding community. The new antennas are identical in size to the existing antennas. The antenna mounts will extend no more than 2' from the face of the pole. The proposed ancillary equipment will be hidden behind the antennas. The feed line coax will be hidden behind the existing painted metal shroud and the new antennas will be painted to match the color of the existing pole and antennas.

This notice is being sent to you because the property listed in your name is located within 750 feet of the WCF noted above. This notice is to inform you of the application and to provide you with an opportunity to relay any questions, issues or concerns regarding this application (see contacts listed below).

The proposed WCF will provide high quality and reliable service to Verizon Wireless customers, commuters, residents, businesses, and first responders. Verizon Wireless is committed to developing the best wireless system for its customers while working cooperatively with the City of Scottsdale and the local community to minimize the visual impact of wireless infrastructure. Verizon Wireless is pleased to have the opportunity to continue to provide communication capabilities to your community.

Enclosed you will find a copy of the proposed WCF site plan.

Sincerely,

Ryan Rawson
AUTHORIZED AGENT: In Command Communications, LLC

CONTACT PERSON: Ryan Rawson- (602) 550-5700 ryanrawson@iccommunications.net

CITY of SCOTTSDALE PLANNER/COORDINATOR: Keith Niederer- 480-312-2953 – kniederer@scottsdaleaz.gov

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[Dept/Grade Level](#)

[About Us](#)

[Parents/Students](#)

[Extracurricular](#)

[District/Schools](#)

An Excelling School!

Cactus Shadows

HIGH SCHOOL



Physical Address:
5802 East Dove Valley Road
Scottsdale, Arizona

Mailing Address:
P.O. Box 426
Cave Creek, Arizona 85327

Phone: (480) 575-2400
Fax: (480) 488-6701

- About CSHS
- Anthony Morice Media Center
- Athletics
- Attendance
- Bus Routes
- Cactus Shadows eLearning
- Comments & Suggestions
- Counseling Department
- Digital Learning Month Showcase
- ECS (Educational & Community Service)
- Grades & Payments Online
- Graduation
- International Baccalaureate
- Intern Program
- Mission Statement
- PBIS Information
- Registration
- Student Handbook/Policies
- Student Job Board
- Summer Assignments Honors, AP & IB
- Tax Credit Information
- Writing Lab
- Yearbook

08.12.16



School Office Hours

7:00 AM to 3:00 PM

Monday - Friday

Bookstore Hours:

7:00-8:45 AM, 10:00 AM-12:20 PM,
and 1:30-2:30 PM

First Day of School - August 11th

Campus Tours by appointment 480-575-2400

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#CSHSPRIDE

CSHS Video



Enroll in
CCUSD
Click Here



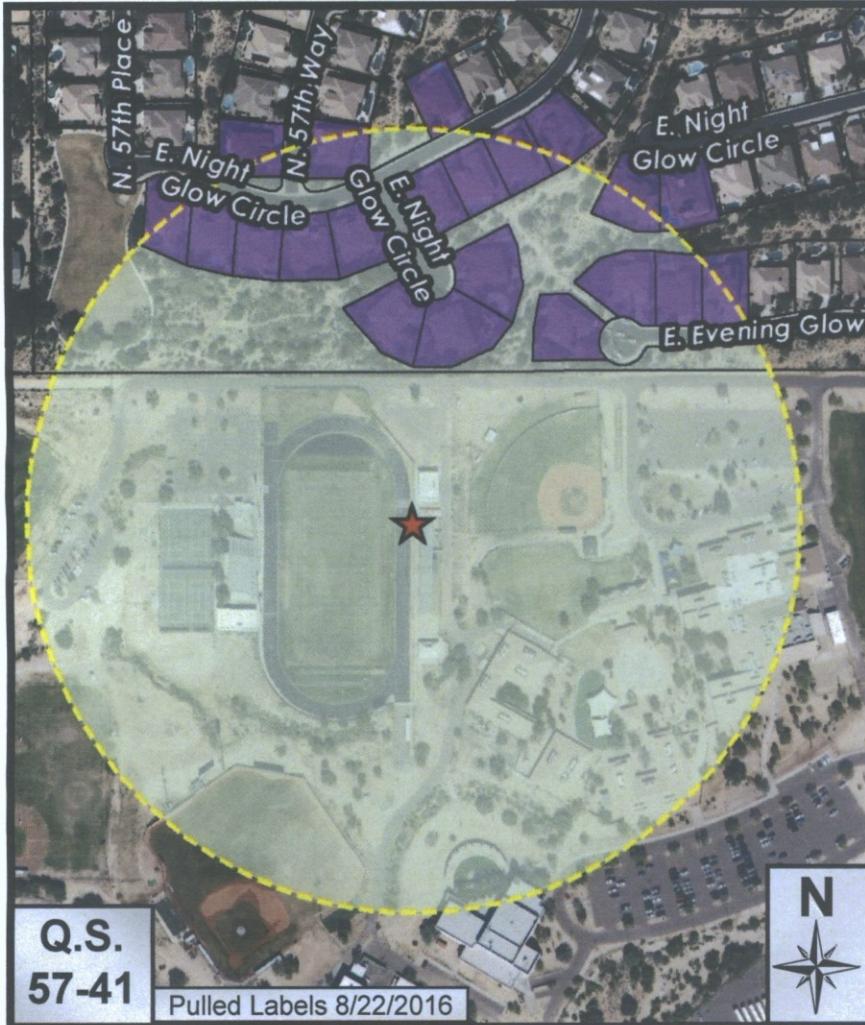
ANNOUNCEMENT - Verizon Wireless Upgrade

Verizon Wireless is proposing to add (3) panel antennas, replace (1) of (3) existing panel antennas, and add ancillary equipment at the 62' centerline of the 81' stadium light pole located at Cactus Shadows High School.

[Click here for Public Notice letter](#)

****NEW** Parking Info for 2016-17**

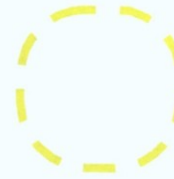
City Notifications – Mailing List Selection Map



Map Legend:



Site Boundary



Properties within 750 feet
52 Postcards

Additional Notifications:

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

**Verizon PHO
Windy Antenna Replacement**

116-DR-2006#4

ATTACHMENT #8