

Operational Statement

Proposed Verizon Wireless Facility “Santa Fe & W Sierra”

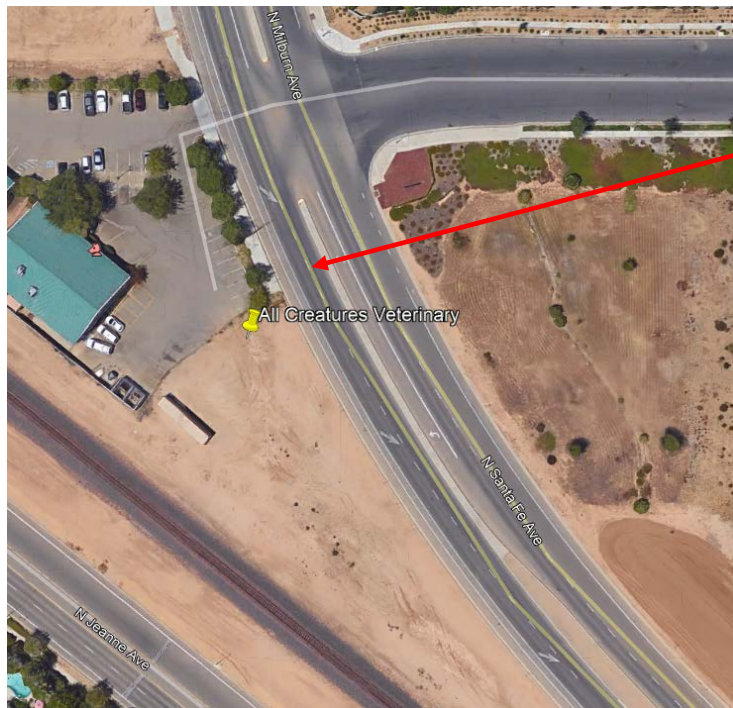
6575 N Santa Fe Ave, Fresno, CA 93711

APN: 507-030-20

Introduction

Verizon Wireless proposes a new wireless facility at 6575 N Santa Fe Ave. This facility will enhance and expand the Verizon Wireless network and improve communications service for its existing and prospective customers. The site is located near the intersection of N Santa Fe Ave & W Palo Alto Ave.

The project has been designed to provide capacity relief for Verizon’s existing sites in the area. The site is located in an area including residential and commercial uses. The unmanned facility will provide Verizon Wireless service to the area residents, schools, public facilities, and business users, 24 hours a day, 7 days a week.



The site is zoned "CC" for Commercial Community and currently hosts a veterinary clinic and printing shops. The general plan designation is "commercial", and this site is in the Bullard community plan, specifically the Sierra specific plan area.

While neighbors have not been contacted regarding this project, beyond those that were considered as alternate site locations for Verizon's project, Verizon anticipates that the proposed site will benefit the surrounding community through increased capacity to be enjoyed by personal, commercial, and emergency users. Verizon's facility will have a small impact on the use of the parcel, having a 30'x30' lease area and 1-2 trips per month from technicians. Aside from the 2-3 month construction period, no significant impact to the neighbors is expected. Verizon's equipment will be contained within a 6' high CMU wall to prevent unauthorized access. Its equipment cabinets will also be locked.

1. Describe the nature of your proposal/operation:

- Verizon proposes to build a 70' monoline style wireless communication facility in order to provide capacity offload to Verizon's existing sites in the area.

2. What is the existing use of the property?

- The property is currently being used to host two steel buildings. One of the buildings hosts a veterinary clinic, and the other hosts a printing operation. The south end of the parcel is undeveloped.

3. What products will be produced by the operation?

- No products will be produced by the operation.

4. What are the proposed operational time limits?

- The facility will operate 24/7.

5. Please note that this number is missing from the operational statement checklist.

6. Will there be any special activities, events, or displays?

- There will be no special activities, events, or displays.

7. Please note that this number is missing from the operational statement checklist.

8. How many employees will there be?

- There will be no permanent on-site employees.

9. What equipment, materials, or supplies will be used and how will they be stored? If appropriate, provide pictures or brochures.

- Telecommunications equipment and materials will be used at the facility.

10. Will there be any service and deliver vehicles?

- Verizon technicians will visit the site using technician pickups/trucks on a semi-regular basis.

11. Please note that this number is missing from the operational statement checklist.

12. Please note that this number is missing from the operational statement checklist.

13. Will existing buildings be used or will new buildings be constructed? Indicate which building(s) or portion(s) will be utilized and describe the type of construction materials, height, color, etc.. Provide floor plan and elevations if appropriate.

- No existing buildings will be used; a new tower will be constructed. Tower will be 70' and constructed of steel using stealth design. See drawings included with the application for more information.

14. Will this operation or equipment used generate noise above existing parcels in the area?

- No significant noise generation is expected.

15. Will hazardous materials or waste be produced as part of this project? If so, how will they be shipped or disposed of?

- No hazardous materials or waste will be produced at the site.



Mail Processing Center
 Federal Aviation Administration
 Southwest Regional Office
 Obstruction Evaluation Group
 10101 Hillwood Parkway
 Fort Worth, TX 76177

Aeronautical Study No.
 2018-AWP-13601-OE

Issued Date: 09/14/2018

Regulatory
 Fresno MSA Limited Partnership
 5055 North Point Pkwy
 NP2NE Network Engineering
 Alpharetta, GA 30022

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Monopole SANTA FE & W SIERRA - A (15009365)
 Location: Fresno, CA
 Latitude: 36-49-58.78N NAD 83
 Longitude: 119-52-43.52W
 Heights: 318 feet site elevation (SE)
 70 feet above ground level (AGL)
 388 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

See attachment for additional condition(s) or information.

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 L Change 2.

This determination expires on 03/14/2020 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within

6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (424) 405-7643, or karen.mcdonald@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-AWP-13601-OE.

Signature Control No: 382196178-385138478

(DNE)

Karen McDonald
Specialist

Attachment(s)
Additional Information
Frequency Data
Map(s)

cc: FCC

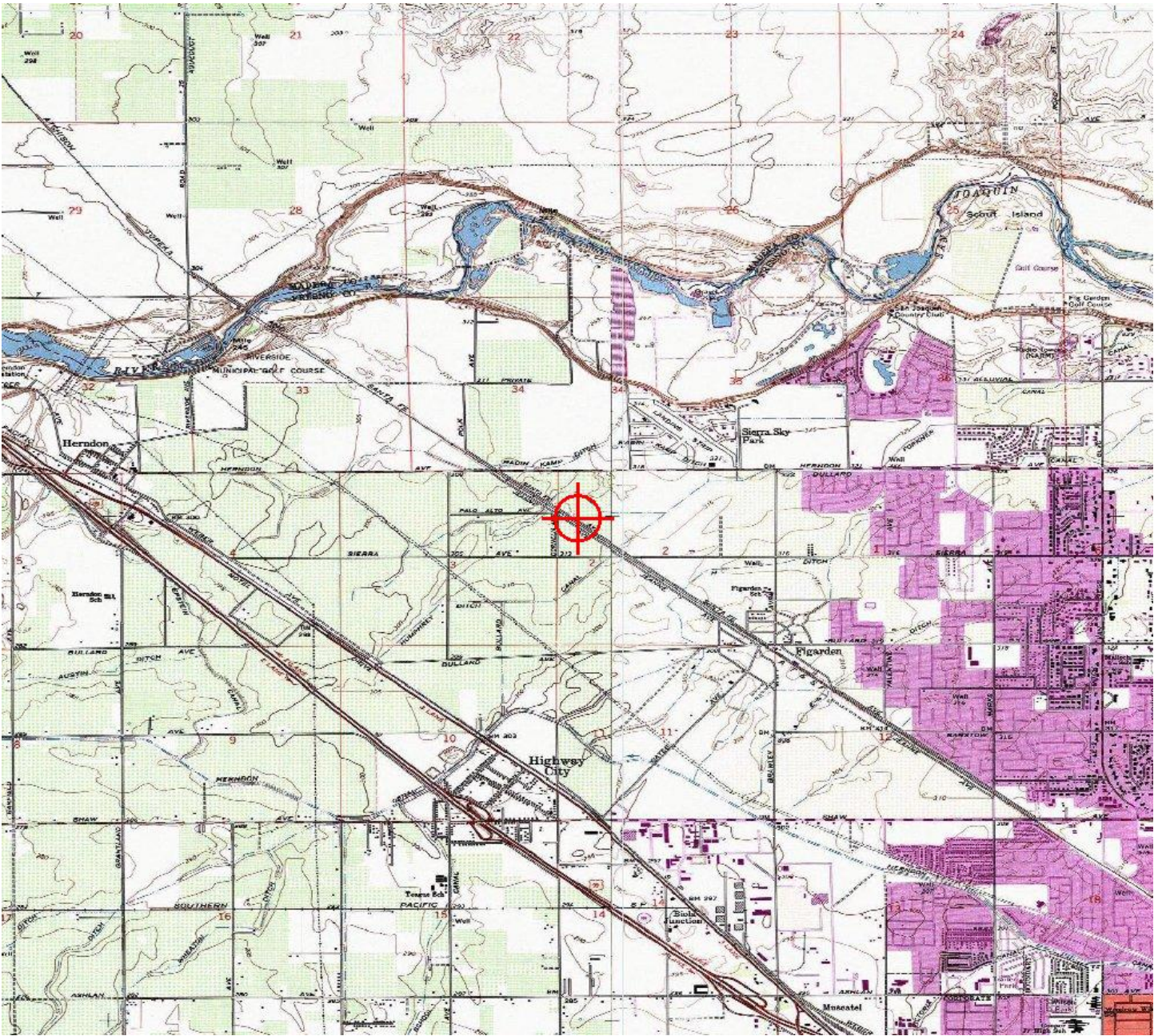
Additional information for ASN 2018-AWP-13601-OE

At a distance of 8.6 nautical miles from the site emissions from the 2496-2690 MHz transmitters must be less than -155 dBm in the 2700-3100 MHz Surveillance Radar frequency band.

Frequency Data for ASN 2018-AWP-13601-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
6	7	GHz	55	dBW
6	7	GHz	42	dBW
10	11.7	GHz	55	dBW
10	11.7	GHz	42	dBW
17.7	19.7	GHz	55	dBW
17.7	19.7	GHz	42	dBW
21.2	23.6	GHz	55	dBW
21.2	23.6	GHz	42	dBW
614	698	MHz	1000	W
614	698	MHz	2000	W
698	806	MHz	1000	W
806	901	MHz	500	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
929	932	MHz	3500	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1670	1675	MHz	500	W
1710	1755	MHz	500	W
1850	1910	MHz	1640	W
1850	1990	MHz	1640	W
1930	1990	MHz	1640	W
1990	2025	MHz	500	W
2110	2200	MHz	500	W
2305	2360	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W
2496	2690	MHz	500	W

TOPO Map for ASN 2018-AWP-13601-OE



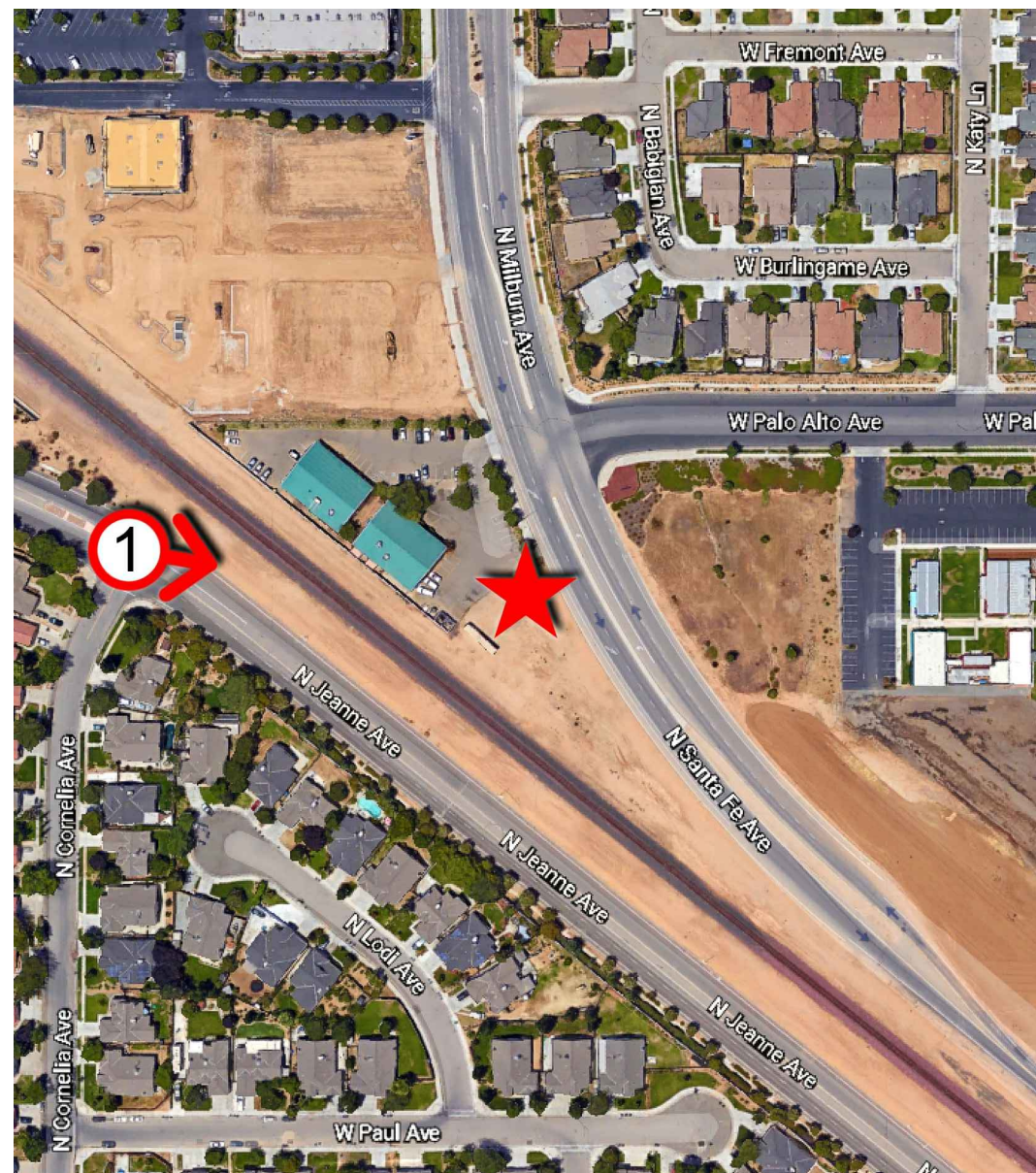


SANTA FE & W SIERRA
PSL # 451938
6575 N. SANTA FE AVE.
FRESNO, CA 93722



SAC AE DESIGN GROUP, INC.
5015 SHOREHAM PLACE, SUITE 150
SAN DIEGO, CA 92122
www.sacw.com

PHOTOSIMULATION VIEWPOINT 1



NEW



NEW VERIZON WIRELESS (9) PANEL ANTENNAS,
(9) RRUS, AND (1) RAYCAP MOUNTED TO NEW
70'-0" HIGH MONOPINE

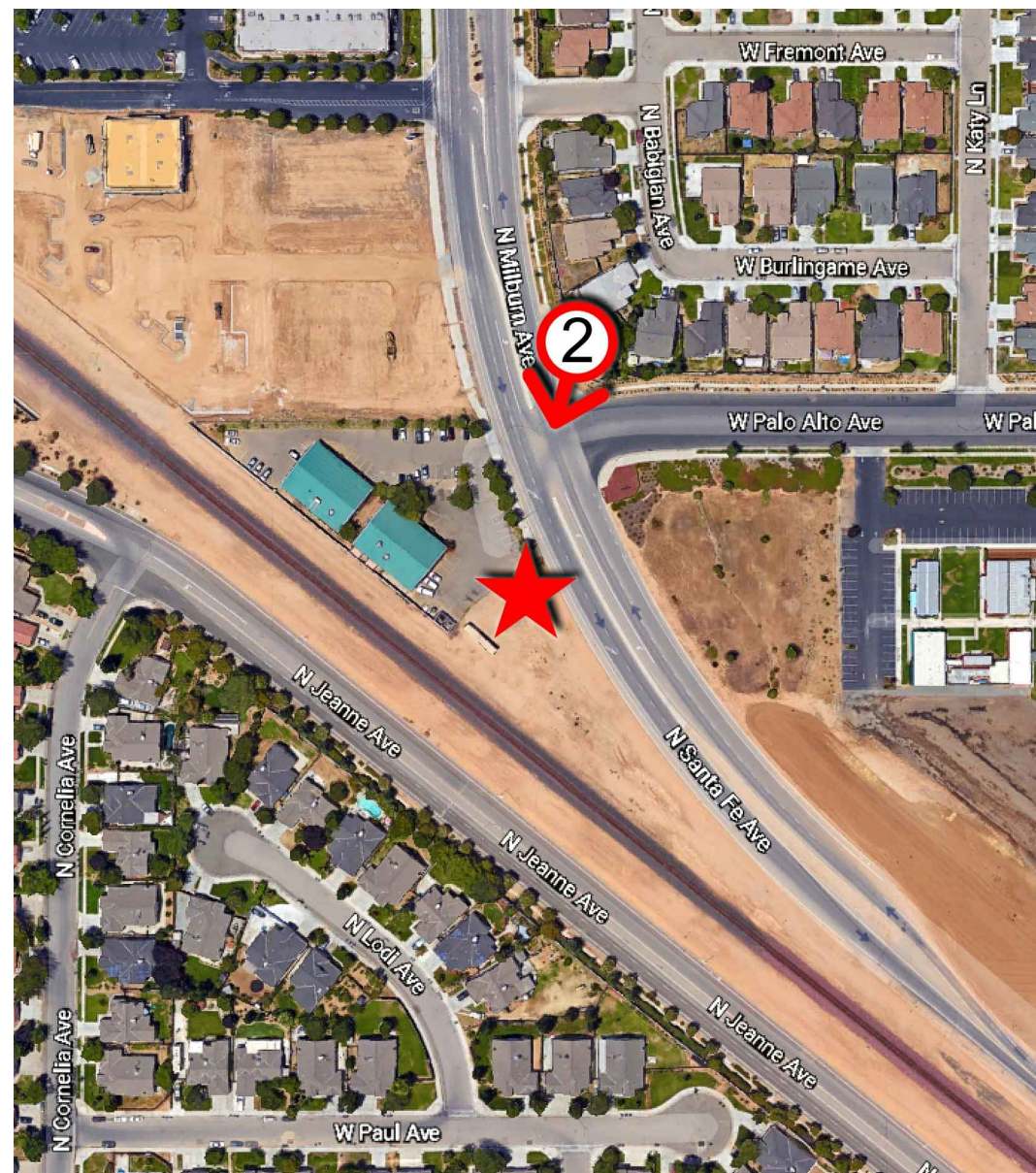
NOTE:
NEW VERIZON WIRELESS OUTDOOR
EQUIPMENT CABINETS ON NEW
CONCRETE PAD, TELCO BOX, METER,
INTERSECT CABINET, (1) RAYCAP,
(1) STEP DOWN TRANSFORMER ON
CONCRETE PAD AND 70'-0" HIGH
MONOPINE WITHIN 28'-0" x 28'-0" CMU
WALL ENCLOSURE

EXISTING

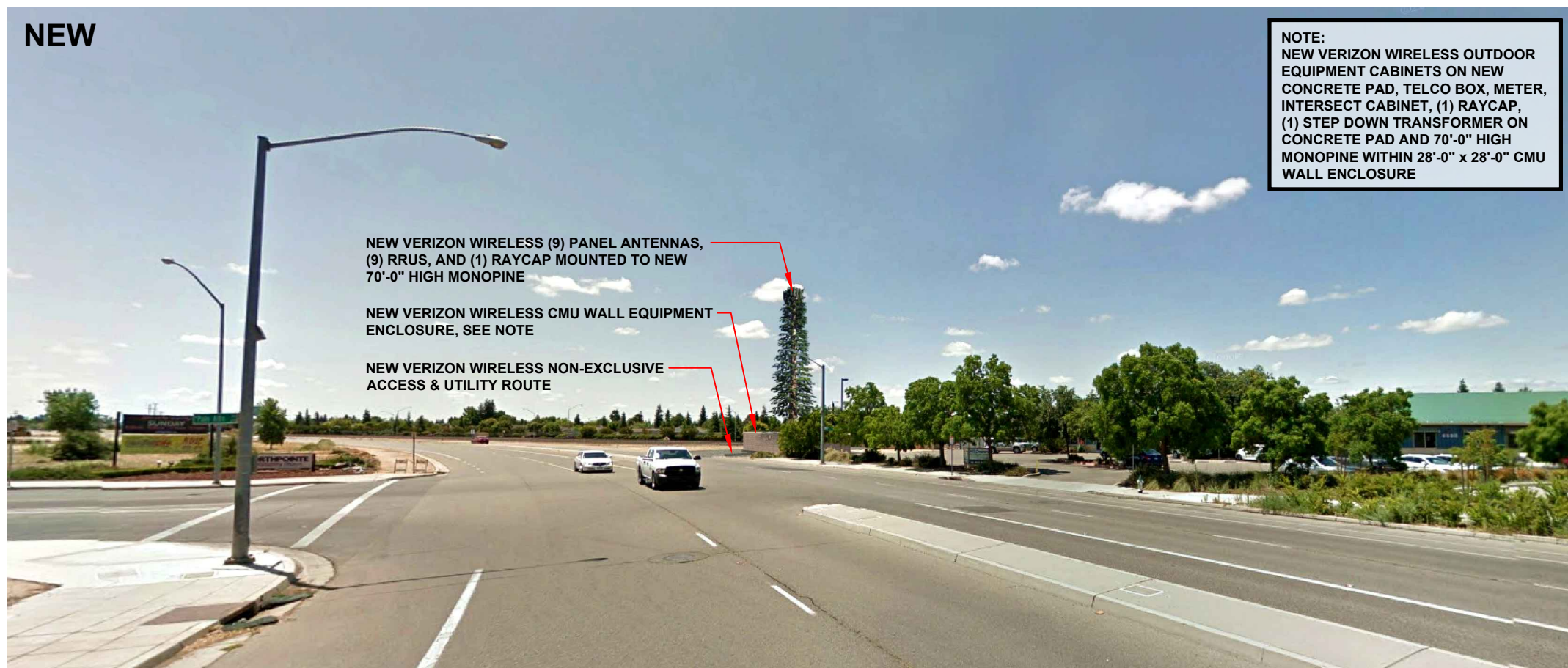


DISCLAIMER: THIS PHOTOSIMULATION IS INTENDED AS A GRAPHICAL REPRESENTATION OF EXISTING AND PROPOSED SITE CONDITIONS BASED ON THE PROJECT / DRAWING PLANS. IT IS NOT INTENDED FOR CONSTRUCTION. ACTUAL, FINAL CONSTRUCTION MAY VARY

PHOTOSIMULATION VIEWPOINT 2



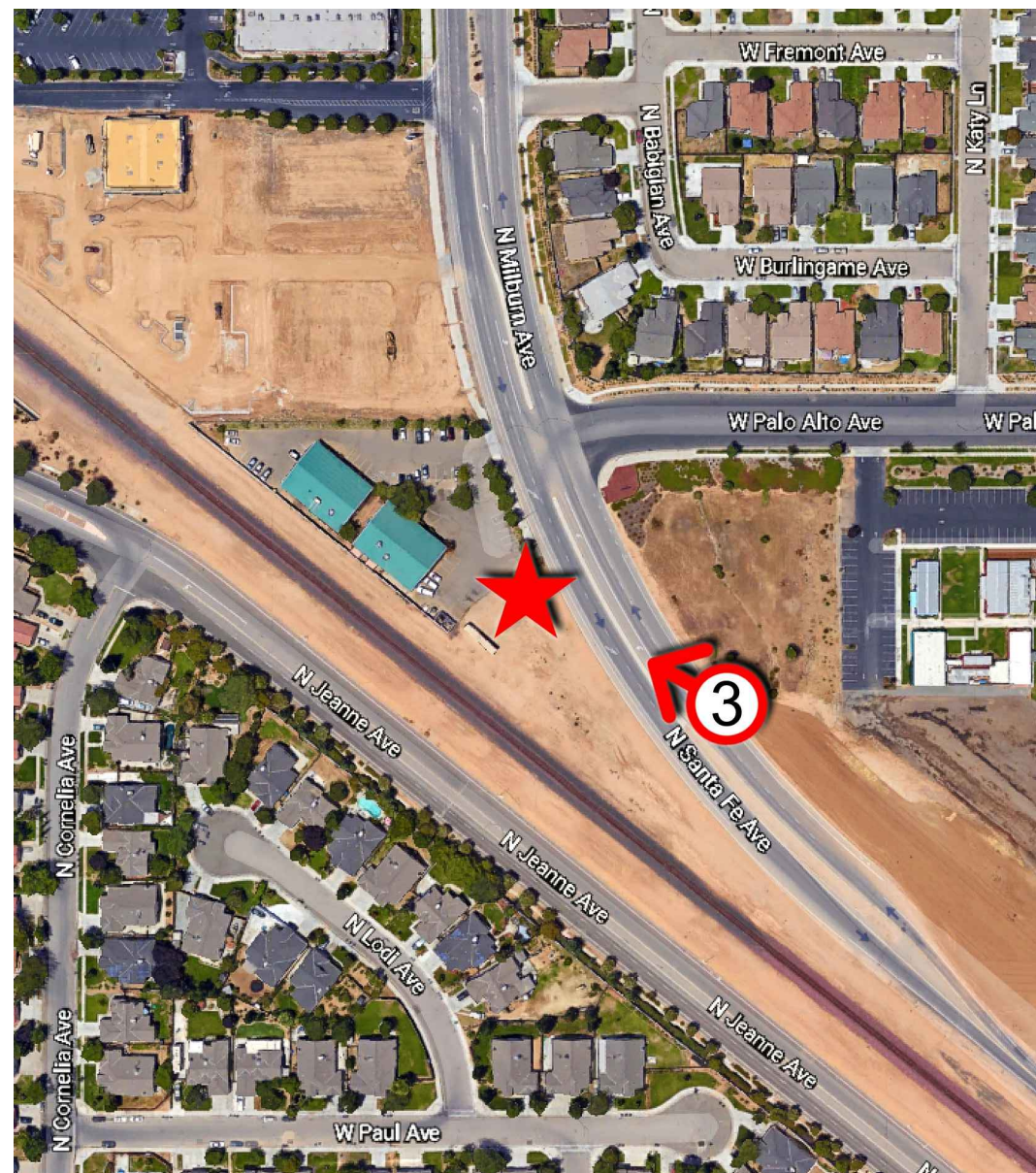
NEW



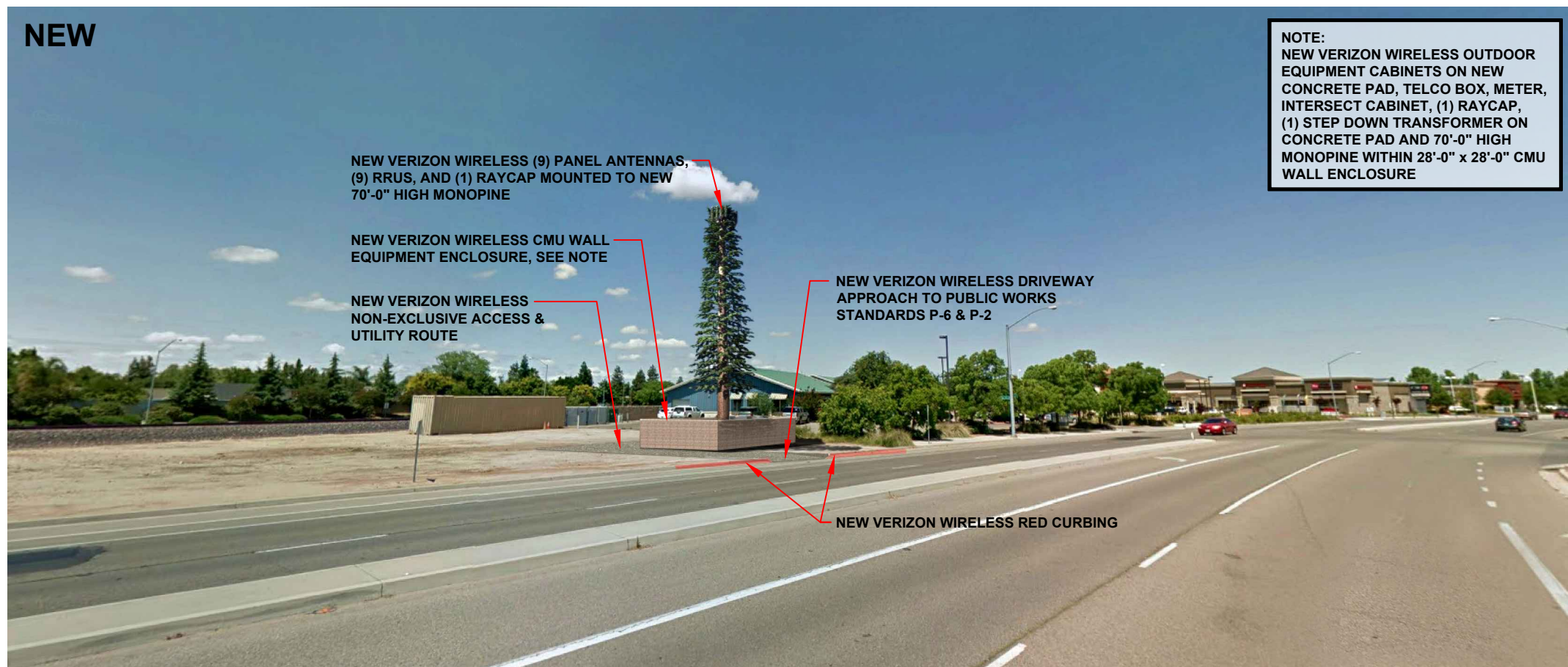
EXISTING



PHOTOSIMULATION VIEWPOINT 3



NEW



NEW VERIZON WIRELESS (9) PANEL ANTENNAS, (9) RRUS, AND (1) RAYCAP MOUNTED TO NEW 70'-0" HIGH MONOPINE

NEW VERIZON WIRELESS CMU WALL EQUIPMENT ENCLOSURE, SEE NOTE

NEW VERIZON WIRELESS NON-EXCLUSIVE ACCESS & UTILITY ROUTE

NEW VERIZON WIRELESS DRIVEWAY APPROACH TO PUBLIC WORKS STANDARDS P-6 & P-2

NEW VERIZON WIRELESS RED CURBING

NOTE:
NEW VERIZON WIRELESS OUTDOOR EQUIPMENT CABINETS ON NEW CONCRETE PAD, TELCO BOX, METER, INTERSECT CABINET, (1) RAYCAP, (1) STEP DOWN TRANSFORMER ON CONCRETE PAD AND 70'-0" HIGH MONOPINE WITHIN 28'-0" x 28'-0" CMU WALL ENCLOSURE

EXISTING

