

ATTACHMENT #3

WIRELESS PERMIT APPLICATION FILES

Wireless Communications Permit



Public Works Department
www.cityofsanmateo.org
pweng@cityofsanmateo.org
(650) 522-7300

Engineering Division
330 West 20th Avenue
San Mateo, CA 94403

Revised: March 2021

Wireless Communications Facilities Permit Application

INSTRUCTIONS:

Prior to submittal of this Application, the Application Checklist and all other required materials, a meeting with staff is strongly encouraged. This voluntary informational meeting with City staff does not cause the FCC Shot Clock to begin.

City staff may deem the application incomplete if the applicant fails to include any required information or materials. Applications shall comply with SMMC 17.10 and the Design Standards and Application Requirements.

Applicants may submit applications by appointment only. Please contact the Public Works Department for an appointment.

Applicant:

Name: Jason Camarena
Company: Crown Castle
Mailing Address: 1 Park Place
City, State, Zip: Dublin, CA 94568
Phone: (925) 201-5806 Fax: _____
E-mail: jason.camarena@crowncastle.com

Pole Owner:

Name: Ryan Brunmeier
Company: City of San Mateo
Mailing Address: 330 West 20th Ave.
City, State, Zip: San Mateo, CA 94403
Phone: (650) 522-7300 Fax: _____
E-mail: rbrunmeier@cityofsanmateo.org

Authorized Representative:

Name: Taylor Blanford
Company: Kimley-Horn
Mailing Address: 1300 Clay St., Suite 325
City, State, Zip: Oakland, CA 94612
Phone: (510) 210-3221 Fax: _____
E-mail: Taylor.Blanford@kimley-horn.com

Pole Owner's Signature:

Printed Name: _____ Date: _____

Applicant's Signature: (if different from Property Owner)

Printed Name: Jason Camarena Date: 5/09/2023

Proposed Site Location and Description:

Proposed Project Address: 2317 ARMADA WAY Pole Number ^a: 1014

Zoning District (for ROW, provide nearest zoning district): R2 ^a If in the ROW, provide the pole number for the streetlight or pole.

Latitude/Longitude of Location: 37.561501, -122.288572

Construction Value (\$)/Project Description: Construction Value = \$15,000.00

Install a new wireless radio facility and associated equipment on an existing metal light pole with existing foundation.

Applicant's Request:

☒ WIRELESS PERMIT ☐ SECTION 6409 APPROVAL ☐ OTHER _____

STAFF USE ONLY

Applicable Shot Clock Period (for informational purposes only): ☐ 60 days ☐ 90 days ☐ OTHER: _____

Pre-App Submittal Meeting _____

Neighborhood Meeting _____

Application Submittal _____

Application Deemed Complete _____

Shot Clock Expiration _____

Conditionally Approved _____

Appeal _____



Public Works Department
www.cityofsanmateo.org
pweng@cityofsanmateo.org
(650) 522-7300

Engineering Division
330 West 20th Avenue
San Mateo, CA 94403

Revised: March 2021

Wireless Communications Facilities Permit Application Checklist

INSTRUCTIONS:

Prior to submittal of this Application Checklist, Application and all other required materials, a meeting with City staff is strongly encouraged. The City also recommends applicant holds a voluntary neighborhood meeting. These voluntary meetings shall not cause the FCC Shot Clock to begin.

City staff may deem the application incomplete if the applicant fails to include any required information or materials. Applications shall comply with SMMC 17.10 and Design Standards and Application Requirements.

All starred (*) items in the checklist below are not required for a Section 6409 Approval.

Applicants may submit applications by appointment only. Please contact the Public Works Department for an appointment.

Applicant:

Name: Jason Camarena

Company: Crown Castle

Mailing Address: 1 Park Place

City, State, Zip: Dublin, CA 94568

Phone: (925) 201-5806 Fax: _____

E-mail: jason.camarena@crowncastle.com

Proposed Site Location and Description:

Proposed Project Address: 2317 ARMADA WAY

Project Description: Install a new wireless radio facility

Pole Number ^a: 1014

^a If in the ROW, provide the pole number for the streetlight or pole.

Applicant's Request:

☒ WIRELESS PERMIT ☐ SECTION 6409 APPROVAL

☐ OTHER(describe request) _____

APPLICATION CHECKLIST – REQUIRED MATERIALS

☒ APPLICATION FORM AND DEPOSIT

☒ PROJECT PLANS

☒ VOLUNTARY NEIGHBORHOOD MEETING
SUMMARY
[Attachment 1]

☒ PHOTO SIMULATIONS
[Attachment 2]

☒ PUBLIC NOTICE, AFFIDAVIT, LOG OF
COMMENTS
[Attachment 3]

*Notice to be sent within 5 business days of application

☒ PRIOR PERMITS & REGULATORY
APPROVALS
[Attachments 4a, 4b, 4c, 4d]

☒ PROPERTY OWNER'S AUTHORIZATION
[Attachment 5]

☒ INITIAL CEQA ASSESSMENT
[Attachment 6]

☒ RF COMPLIANCE REPORT
[Attachment 7]

☒ NOISE COMPLIANCE REPORT
[Attachment 8]

☐ SECTION 6409 EVALUATION (if applicable)
[Attachment 9]

☒ PROJECT PURPOSE AND TECHNICAL
OBJECTIVES INFORMATION*
[Attachment 10]

☒ ALTERNATIVE SITES ANALYSIS*
[Attachment 11]

☒ STRUCTURAL CERTIFICATION (if applicable)
[Attachment 12]

APPLICATION REQUIREMENTS – REQUIRED MATERIALS

The following Application Requirements contain the requirements for a complete wireless facility permit application. For the application to be deemed complete, the applicant must submit all the applicable application materials in the Application Checklist in accordance with the Application Requirements along with all other generally applicable materials required for the requested permit or approval.

Notes: All starred (*) items are not required for a Section 6409 Approval. After the City issues the requested permit, the applicant must obtain all other required permits (including, without limitation and as applicable, building, electrical, plumbing, encroachment, etc.) prior to performing the installation.

APPLICATION FORM AND DEPOSIT

Instructions: Complete the Wireless Facilities Permit Application available on the City's website or at the Public Works Department and submit the corresponding application deposit for the requested permit or approval. You may find the City's fee schedule on the City's website or contact the Public Works Department for appropriate filing fees.

PROJECT PLANS

Instructions: Provide two sets of complete 24 x 36-inch project plans drawn to a scale of not less than 1/16" equals one foot and a digital file of such plans in portable document format (PDF). Project plans must contain all the following:

1. Cover Sheet

A complete cover sheet must include at a minimum:

- ☐ a detailed project description that specifies the proposed installation and/or modifications including without limitation all physical elements such as antennas, radios, power services, all cables, mounts, and all other elements of the proposed project
- ☐ site information that includes the proposed site address, site latitude and longitude (WGS 84 datum), zoning classification of the nearest private property, project team contact information site map, and pole number (if applicable)

2. Site Survey (Only required for proposed ground mounted equipment)

Only a California-registered Civil Engineer or licensed surveyor may prepare the site survey. A complete site survey must include:

- ☐ property and right-of-way boundaries with all bearings, distances, monuments, iron rods, caps or other markers clearly shown and called out
- ☐ boundaries for all easements and/or dedications with all dimensions clearly shown and called out
- ☐ approximate topographical contour lines with elevations called out
- ☐ any trees at least 4 inches in diameter at a point approximately 4.5 feet above ground
- ☐ all structures or improvements on the property or within the right of way within any block partially or entirely occupied by the project and any elements thereof
- ☐ all structures or improvements on adjacent parcels within 15 feet from the property line
- ☐ a north arrow, date, scale and legend
- ☐ wet stamp and wet signature from the licensed preparer
- ☐ general specifications and notes identifying the applicable public health and safety codes and standards

3. Site Development Plan

A complete site development plan must include:

- ☐ plan-view drawings, which include:
 - ☐ the entire property or right-of-way block with the proposed project improvements
 - ☐ detailed before-and-after views for any equipment pads, enclosures, cabinets, pedestals and/or vaults
 - ☐ all existing and proposed equipment with all dimensions, labels and ownership identifications clearly called out
 - ☐ boundaries for all easements, encroachments and/or other rights-of-way for access and utilities in connection with the wireless site with all dimensions clearly shown and called out
 - ☐ all existing and proposed primary and backup utilities, including without limitation all cables, connectors, risers, conduits, cable shrouds, trays, bridges and/or doghouses, transformers, disconnect switches, panels, meters, pedestals, cabinets, vaults, generators and/or generator sockets
- ☐ detailed before-and-after elevation drawings from all four cardinal directions, which include:
 - ☐ all existing and proposed structures, improvements and/or fixtures with all dimensions clearly called out
 - ☐ all existing and proposed equipment with all dimensions, labels and ownership identifications clearly called out
 - ☐ all existing and proposed fiber optic cables, conduits, risers, guy wires, anchors, primary and secondary power lines clearly called out
- ☐ callouts and notes for any proposed new or extended concealment elements
- ☐ a north arrow, date, scale and legend

4. Equipment Inventory

The equipment inventory does not need to include primary utility cables, panels or cabinets, or any other objects not primarily designed or intended for radio communications purposes. All other equipment must be inventoried with the following information for each component:

- ☐ manufacturer and model number
- ☐ basic dimensions (height, width, length and weight)
- ☐ table showing volumes of all equipment

VOLUNTARY NEIGHBORHOOD MEETING SUMMARY

Instructions: Provide a summary of neighborhood meeting if conducted. Label the summary as "**Attachment 1 – Neighborhood Meeting Summary**" and attach it to the application. If a meeting is not conducted, mark the checklist box with an "X".

PHOTO SIMULATIONS

Instructions: Provide photo simulations of the proposed project as constructed. The photo simulations must be in a high-resolution format and show the proposed facility from reasonable line-of-sight locations that would accurately and reliably reflect the appearance of the proposed facility and/or modifications as-built. Label these photo simulations "**Attachment 2 – Photo Simulations**" and attach them to this application. Except as otherwise provided, photo simulations must contain all the following:

1. Current Site Photographs

Current site photographs must include:

- ☐ photographs of the existing site from at least two different reasonable line-of-sight locations from public streets or other adjacent viewpoints;
- ☐ a map detail showing each location where a photograph was taken, the proposed site and the direction to the site from each photo location;
- ☐ Include a close-up view of the equipment, including all wires, conduits, equipment, etc.

2. Photo Simulations

Photo simulations must include:

- ☐ an accurate and reliable visual representation of the proposed facility from the same reasonable line-of-sight locations used in the current site photographs and must include without limitation all interconnecting cables, conduits, brackets, and electronic equipment such as antennas, radio units, powering, and the like;
- ☐ a map detail showing each location where a photograph was taken, the proposed site and the direction to the site from each photo location;
- ☐ Include a close-up view of the equipment, including all wires, conduits, equipment, etc.

3. Section 6409 Photo Simulation

For Section 6409 Approval applications, the applicant must provide at least one photo simulation that demonstrates the impact of the proposed modification on all concealment elements of the support structure. Concealment elements include but are not limited to radomes, cable shrouds, painting, landscaping, equipment enclosures and designs and/or techniques intended to blend with the surrounding built and/or natural environment.

PUBLIC NOTICE, AFFIDAVIT, LOG OF COMMENTS

Instructions: Provide a copy of the notice mailed to all property owners and residents within 500' of the proposed project, proof of notification mailing (affidavit), and log of concerns, comments, questions with response in accordance with the Application Requirements and Design Standards. Label the notice, affidavit and log "**Attachment 3 – PUBLIC NOTICE, AFFIDAVIT, LOG**" and attach it to this application.

PRIOR PERMITS AND REGULATORY APPROVALS

Instructions: Provide true and correct copies of all the following:

1. Prior Permits

If the applicant requests a Section 6409 Approval, provide copies of all prior local regulatory approvals (original siting permits and any modification permits) issued for the facility with any corresponding conditions of approval and project plans approved by the applicable regulatory authority. Alternatively, the applicant may submit a written justification that sets forth the reasons why prior regulatory approvals were not required for the wireless facility at the time it was constructed or modified. Label this documentation "**Attachment 4a – Prior Permits**" and attach it to this application.

2. FCC Licenses

If the applicant or service provider proposes to operate in FCC-licensed spectrum, provide proof of licenses for all planned operating bands. If there are federal build-out requirements, indicate which and whether they have been fully satisfied. If not satisfied, indicate what remains to be satisfied. Label this documentation "**Attachment 4b – FCC Licenses**" and attach it to this application.

3. FAA Forms

If the proposed facility requires the applicant to file FAA form 7460 or other documentation under Federal Aviation Regulation Part 77.13 *et seq.*, or under the FCC rules, provide such documentation. Label this documentation **"Attachment 4c – FAA Forms"** and attach it to this application.

4. Certificate of Public Convenience and Necessity (CPCN) / Wireless ID Registration (WIR)

For all applications for facilities in the public right-of-way, provide a true and correct copy of the applicant's CPCN and/or WIR issued by the California Public Utilities Commission or its successor agency. Label this documentation **"Attachment 4d – CPCN / WIR"** and attach it to this application.

POLE OWNER'S AUTHORIZATION

Instructions: For privately owned poles, provide a letter of authorization from the pole owner that authorizes the applicant to perform the installation or modification. The letter must be signed by the owner. In lieu of a letter of authorization for facilities in the public right-of-way, the applicant may submit the property owner's standard authorization form issued in the property owner's regular course of business to demonstrate that the applicant has the authority to perform the installation or modification. Label this authorization **"Attachment 5 – Property Owner's Authorization"** and attach it to this application.

INITIAL CEQA ASSESSMENT

Instructions: Complete, sign and attach to this application a fully executed Environmental Information Form. Label this form **"Attachment 6 – Environmental Information Form"** and attach it to this application. The Environmental Information Form may be obtained electronically on the City's website or by contacting the Public Works Department.

RF COMPLIANCE REPORT

Instructions: Provide an RF exposure compliance report prepared and certified by an RF engineer that certifies that the proposed facility, as well as any collocated facilities and any cumulative emissions from adjacent areas, will comply with applicable federal RF human exposure standards and limits. At a minimum, the RF exposure compliance report must provide the same information and in the same form as the FCC LSGAC Appendix A form for each band of operations. For projects on or attached to poles subject to CPUC General Order 95 regulation, provide evidence of compliance with CPUC General Order 95, Rule 94. Label this report **"Attachment 7 – RF Compliance Report"** and attach it to this application.

The RF compliance report must include:

- ☐ the actual frequency, actual or maximum power levels (in watts effective radiated power (ERP)), and the actual or maximum transmitting channels for all existing and proposed antennas at the site.
- ☐ exhibits that show:
 - ☐ the location and orientation of all transmitting antennas;
 - ☐ the boundaries of areas with RF exposures (whether individually or cumulatively) in excess of the uncontrolled/general population limit (as that term is defined by the FCC);
 - ☐ the boundaries of areas with RF exposures (whether individually or cumulatively) in excess of the controlled/occupational limit (as that term is defined by the FCC).

Note: Each such boundary must be clearly marked and identified for every transmitting antenna at the project site, whether owned/operated by the applicant or another licensee. To the extent that the project site contains collocated transmitters from multiple operators, the RF exposure compliance report must evaluate all the transmitting antennas that may cause cumulative emissions.

NOISE COMPLIANCE REPORT

Instructions: Provide a noise compliance report for the proposed facility and all associated equipment including all environmental control units, sump pumps, temporary backup power generators, and permanent backup power generators in order to demonstrate compliance with the City's noise regulations. The noise compliance report must be prepared and certified by an engineer and include an analysis of the manufacturers' specifications for all noise-emitting equipment and a depiction of the proposed equipment relative to all adjacent property lines. In lieu of a noise compliance report, the applicant may submit evidence from the equipment manufacturer that the ambient noise emitted from all the proposed equipment will not, both individually and cumulatively, exceed the applicable limits. Label this analysis "**Attachment 8 – Noise Compliance Report**" and attach it to the application.

SECTION 6409 EVALUATION

Instructions: If the applicant requests approval pursuant to Section 6409(a) of the Middle Class Tax Relief and Job Creation Act of 2012 (codified as 47 U.S.C. § 1455(a)), the applicant must complete and submit justification whether the proposed modification is an eligible facilities request that complies with the applicable FCC substantial change thresholds. Label this worksheet "**Attachment 9 – Section 6409 Evaluation**" and attach it to the application.

PROJECT PURPOSE AND TECHNICAL OBJECTIVES*

Instructions: For applications not subject to Section 6409, provide the following information to demonstrate the intended technical service objectives and the nature of the existing service capabilities of the applicant's network in the area that would be served by the proposed facility or enhanced by the proposed modification. Label this analysis "**Attachment 10 – Project Purpose and Technical Objectives**" and attach it to the application.

1. Project Purpose

Identify and describe the project purpose. Possible responses analyze whether the proposed facility or modification will:

- ☐ add new personal wireless *service coverage* to an area in which the licensee does not currently provide any personal wireless service coverage;
- ☐ add new personal wireless *service capacity* to an area in which the licensee currently provides personal wireless service coverage.

If the project has a different purpose from the options described above, provide such purpose in full detail.

2. Technical Objectives

Provide a detailed written statement that describes the technical objectives the applicant intends the proposed wireless facility to achieve and the factual reasons why the proposed location, centerline height and equipment configuration are necessary to achieve those objectives. In addition, the statement must include all the following required information and/or materials:

- ☐ a street-level map that shows the general geographic area of the service area(s) to be improved through the proposed wireless facility (the "Service Area");
- ☐ a written narrative that describes the uses (commercial, residential, primary thoroughfare, highway, etc.) within the Service Area, and the manner in which those uses would be negatively affected if the Service Area were to remain unaddressed;
- ☐ a statement as to whether the applicant conducted any drive test(s) and, if so, all drive test results and data (in .XLS or .CSV or similar format) together with a report that describes how and when the applicant conducted such test(s).

3. Network Map

Provide an overview map of the applicant's network within the City's jurisdictional and territorial boundaries that shows (1) all the existing wireless facilities that applicant currently owns and/or operates and (2) all future wireless facilities that are reasonably foreseeable within two years of the application submission. The map must provide a legend that

distinguishes between “macro” cells and small cell facilities.

ALTERNATIVE SITES ANALYSIS*

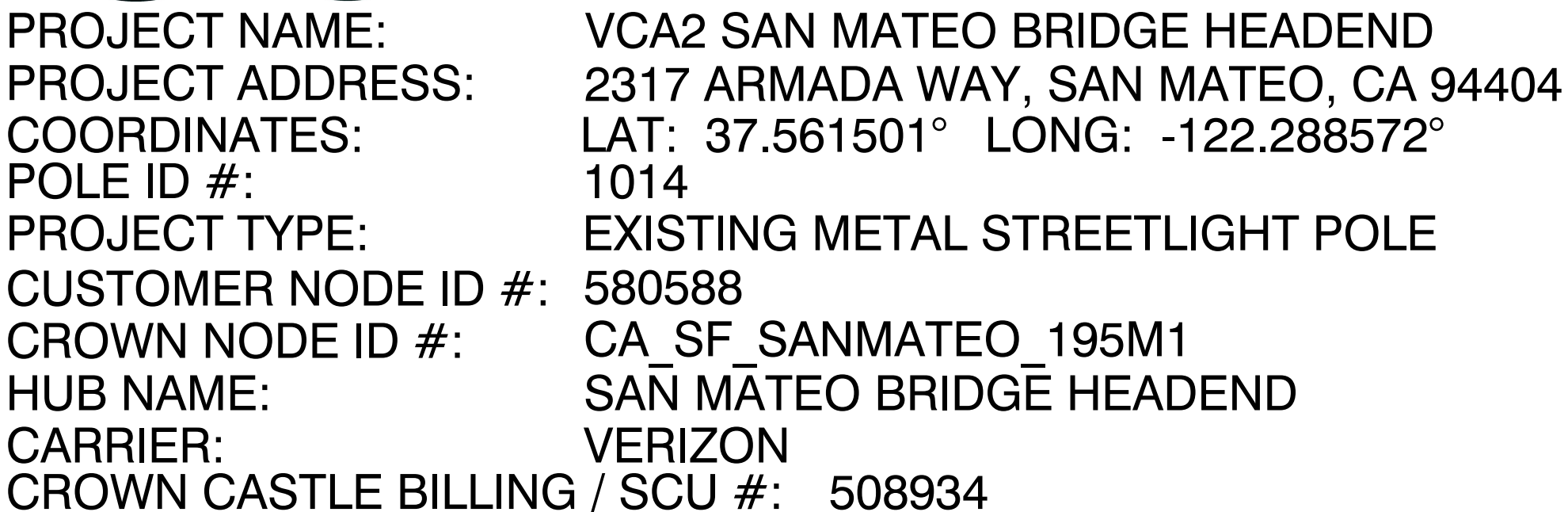
Instructions: For applications not subject to Section 6409, provide a detailed written analysis that describes how the proposed wireless facility complies with all the applicable requirements in the San Mateo Municipal Code, which includes without limitation the provisions specific to wireless facilities, and all the alternative locations and designs considered before submitting this application. Label this analysis “**Attachment 11 – Alternative Sites Analysis**” and attach it to the application. The Alternative Sites Analysis shall be included as part of the neighborhood meeting, if conducted. In addition, the analysis must include all the following required information and/or materials:

- ☐ a street-level map that shows the general geographic area surrounding the proposed location annotated to show:
 - ☐ all existing wireless facilities within the relevant geographic area
 - ☐ the search ring used for this particular project. The search ring shall be a minimum radius of 500’.
 - ☐ all locations for each alternative considered for this particular project
- ☐ for each alternative site considered, a detailed written description that includes, without limitation all the following:
 - ☐ the nearest physical address
 - ☐ zoning district designation for the nearest private property
 - ☐ support structure type considered
 - ☐ general design concept and concealment elements/techniques considered
 - ☐ overall height and achievable antenna centerline height
 - ☐ the factual reasons why the applicant considered the potential alternative site location and/or design to be unacceptable, infeasible, unavailable or not in accordance with the development standards in San Mateo Municipal Code Chapter 17.10. **Note:** This explanation must include a meaningful comparative analysis and such technical information and other factual justification as are necessary to document the reasons why each alternative is unacceptable, infeasible, unavailable or not as consistent with the development standards in Chapter 17.10. Conclusory statements that a particular alternative is unacceptable, infeasible, unavailable or not in accordance with the development standards in Chapter 17.10 will be deemed incomplete.
- ☐ If the applicant did not locate any alternatives within the search ring, the analysis must expressly state that no such alternatives were considered.

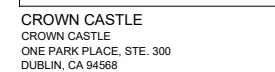
STRUCTURAL CERTIFICATION

Instructions: Provide certification prepared and stamped by a professionally licensed structural engineer certifying that the pole foundation and attachments meet or exceed design parameters detailed in the design standards. Label this analysis “**Attachment 12 – Structural Certification**” and attach it to the application.

Project Plans



T1.1-Sheet Index		
Sheet #	Sheet Description	Page
T1.1	TITLE SHEET	1
A1.1	SITE PLAN	2
A1.2	POLE ELEVATIONS	3
A1.3	EXISTING PHOTOS	4
D1.1	CONSTRUCTION DETAILS	5
D1.2	ELECTRICAL DETAILS	6
D1.3	EQUIPMENT SPECIFICATIONS	7



RECORD DRAWINGS ISSUE DATE:
04/19/2023



PREPARED BY:

Kimley»Horn

3875 EMBASSY PARKWAY, SUITE 280
AKRON, OH 44333
PHONE: (216) 505-7775
WWW.KIMLEY-HORN.COM

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

RELEASE	
DATE	SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
0	04/19/2023	ISSUED FOR CONSTRUCTION
A	04/10/2023	ISSUED FOR REVIEW

PROJECT NAME

VCA2 SAN MATEO BRIDGE HEADEND

CROWN NODE ID NUMBER

CA SF SANMATEO 195M1

Node Address	Node Data
00000000	00000000
00000001	00000000
00000002	00000000
00000003	00000000
00000004	00000000
00000005	00000000
00000006	00000000
00000007	00000000
00000008	00000000
00000009	00000000
0000000A	00000000
0000000B	00000000
0000000C	00000000
0000000D	00000000
0000000E	00000000
0000000F	00000000
00000010	00000000
00000011	00000000
00000012	00000000
00000013	00000000
00000014	00000000
00000015	00000000
00000016	00000000
00000017	00000000
00000018	00000000
00000019	00000000
0000001A	00000000
0000001B	00000000
0000001C	00000000
0000001D	00000000
0000001E	00000000
0000001F	00000000
00000020	00000000
00000021	00000000
00000022	00000000
00000023	00000000
00000024	00000000
00000025	00000000
00000026	00000000
00000027	00000000
00000028	00000000
00000029	00000000
0000002A	00000000
0000002B	00000000
0000002C	00000000
0000002D	00000000
0000002E	00000000
0000002F	00000000
00000030	00000000
00000031	00000000
00000032	00000000
00000033	00000000
00000034	00000000
00000035	00000000
00000036	00000000
00000037	00000000
00000038	00000000
00000039	00000000
0000003A	00000000
0000003B	00000000
0000003C	00000000
0000003D	00000000
0000003E	00000000
0000003F	00000000
00000040	00000000
00000041	00000000
00000042	00000000
00000043	00000000
00000044	00000000
00000045	00000000
00000046	00000000
00000047	00000000
00000048	00000000
00000049	00000000
0000004A	00000000
0000004B	00000000
0000004C	00000000
0000004D	00000000
0000004E	00000000
0000004F	00000000
00000050	00000000
00000051	00000000
00000052	00000000
00000053	00000000
00000054	00000000
00000055	00000000
00000056	00000000
00000057	00000000
00000058	00000000
00000059	00000000
0000005A	00000000
0000005B	00000000
0000005C	00000000
0000005D	00000000
0000005E	00000000
0000005F	00000000
00000060	00000000
00000061	00000000
00000062	00000000
00000063	00000000
00000064	00000000
00000065	00000000
00000066	00000000
00000067	00000000
00000068	00000000
00000069	00000000
0000006A	00000000
0000006B	00000000
0000006C	00000000
0000006D	00000000
0000006E	00000000
0000006F	00000000
00000070	00000000
00000071	00000000
00000072	00000000
00000073	00000000

2317 ARMADA WAY
SAN MATEO, CA 94404

HUB NAME

SAN MATEO BRIDGE HEADEND

KH JOB NUMBER	IN HOUSE
---------------	----------

KHCLE-38585

SHEET TITLE

TITLE SHEET

SHEET NUMBER PAGE

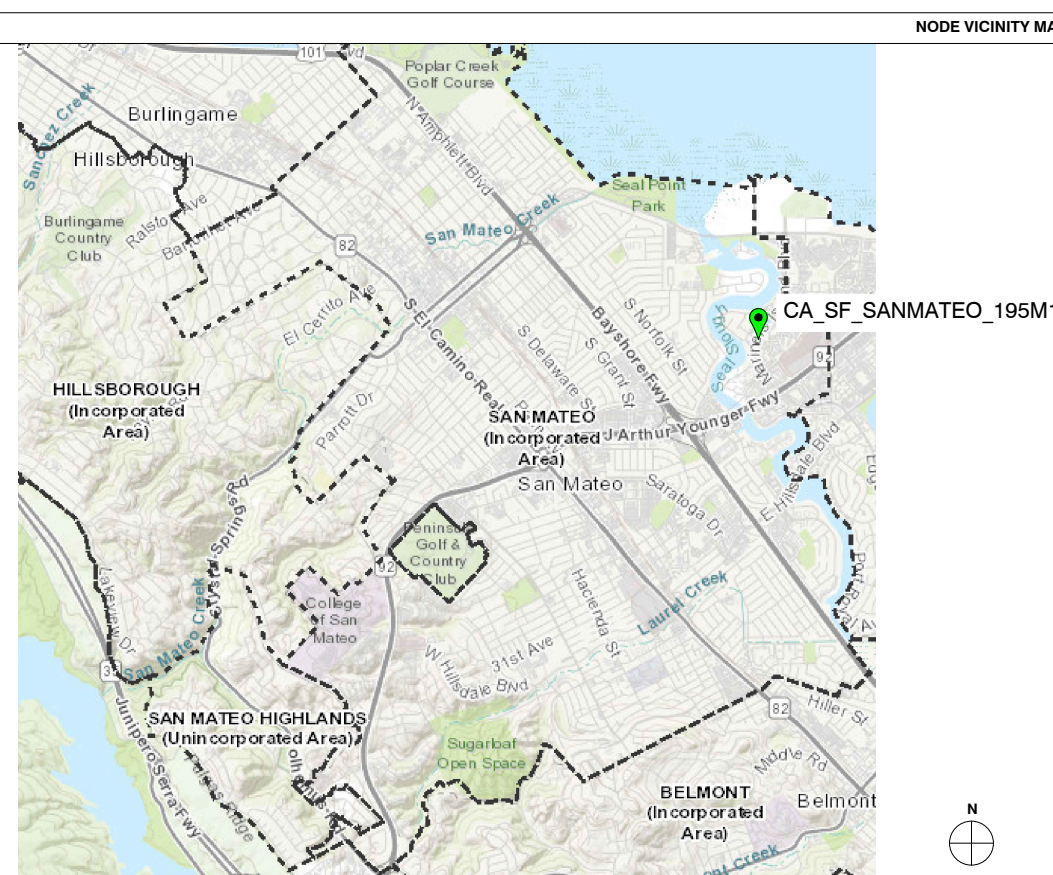
T1.1 1 OF 7

PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"

PROJECT TEAM	
<u>CIVIL</u>	<u>APPLICANT INFO</u>
Company: KIMLEY-HORN	Company: CROWN CASTLE
Address: 3875 EMBASSY PKWY, SUITE 280 AKRON, OH 44333	Address: 1 PARK PLACE DUBLIN, CA 94568
Contact: TYLER REISSETTER	Contact: JASON CAMARENA
Phone: 216.273.8299	Phone: 925.201.5806
Email: tyler.reisetter@kimley-horn.com	Email: jason.camarena@crowncastle.com
	<u>CROWN CASTLE UTILITY CONTACT</u>
	Contact: EARLE CARRION
	Phone: 408.468.5539
	Email: earle.carrion@crowncastle.com

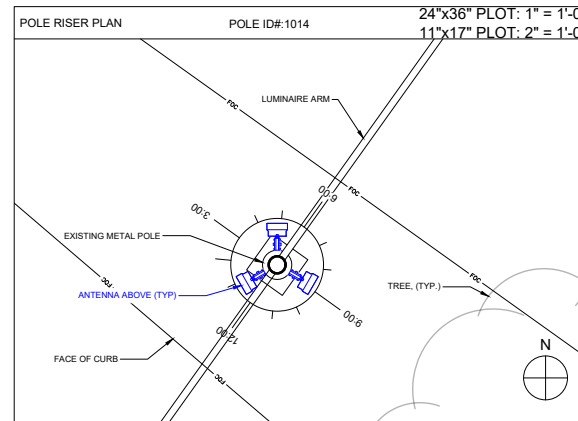
PROJECT SUMMARY	
JURISDICTION: CITY OF SAN MATEO	POLE OWNER INFO: CITY OF SAN MATEO 330 W 20TH AVENUE SAN MATEO, CA 94403
HANDICAPPED REQUIREMENTS -FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.	STREET CLASSIFICATION: LOCAL
HANDICAPPED ACCESS: REQUIREMENTS ARE NOT REQUIRED.	
POWER COMPANY: PACIFIC GAS AND ELECTRIC (PG&E)	ADJACENT PARCEL INFORMATION: PARCEL ID: 106950130 ZONING CLASSIFICATION: R2
	PLUMBING REQUIREMENTS: FACILITY HAS NO PLUMBING
<p><u>CODES:</u> ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE AREAS GOVERNING CODES.</p> <ol style="list-style-type: none"> CALIFORNIA BUILDING CODE CBC-2019. CALIFORNIA ADMINISTRATIVE CODE. (INCL. TITLES 24 & 25) 2019. ANSI/IEA-222-FL LIFE SAFETY CODE NFPA. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA). CALIFORNIA ELECTRICAL CODE CEC-2019. CALIFORNIA MECHANICAL CODE CMC-2019. CALIFORNIA PLUMBING CODE CPC-2019. LOCAL BUILDING CODE(S). COUNTY AND/OR COUNTY ORDINANCES. MUST COMPLY TO LATEST CALIFORNIA FIRE CODE (AND LATEST MUNICIPAL FIRE CODE). CALIFORNIA GENERAL ORDER 95 AND 128. 	

		PROJECT DESCRIPTION
THIS PROJECT WILL INCLUDE THE INSTALLATION OF A NEW WIRELESS RADIO FACILITY AND ASSOCIATED EQUIPMENT TO AN EXISTING METAL POLE WITH EXISTING FOUNDATION (ALL POLE ATTACHMENTS TO BE APPROVED BY POLE OWNER).		
<u>NEW EQUIPMENT WILL INCLUDE (REFER TO DETAIL PAGES FOR SPECIFICATION):</u>		
(3)	5G RADIOS/ANTENNAS	
<u>EXCAVATION/RESTORATION WILL INCLUDE:</u>		
(2)	GROUND WELLS	
(1)	POWER VAULT	
(7)	TRENCH	
(1)	METER PEDESTAL AND FOUNDATION	



1. RIGHT-OF-WAY USE PERMIT SHALL BE OBTAINED BY CONTRACTOR PRIOR TO COMMENCING WORK.
2. ALL WORK TO BE CONDUCTED IN CITY RIGHT OF WAY, U. N. O.
3. ALL DISTURBED LANDSCAPING SHALL BE REPLACED TO SIMILAR EXISTING CONDITION.
4. ANY SIDEWALK CLOSURE SHALL BE COORDINATED WITH THE CITY AND PROPER SIGNAGE WILL BE PLACED.
5. TEMPORARY LIGHTING WILL BE COORDINATED WITH CITY AND PROVIDED WHENEVER EXISTING LIGHTING IS REMOVED OR UNAVAILABLE AS REQUIRED.
6. NO MATERIALS OR EQUIPMENT SHALL BE STORED ON PRIVATE PROPERTY OR BLOCK ACCESS TO PRIVATE PROPERTY.
7. CLEANUP OF THE WORK AREA WILL BE COMPLETED EACH EVENING AND THE PROJECT AREA WILL BE RETURNED TO EXISTING CONDITION AT THE COMPLETION OF CONSTRUCTION AT EACH NODE LOCATION.
8. ALL WORK TO COMPLY WITH OSHA AND CITY GUIDELINES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND REPLACE, AT THEIR COST, ANY AND ALL DAMAGED PAVEMENT, SIDEWALK, CURB AND GUTTER OUTSIDE THE PAY LIMIT, DAMAGE DUE TO THEIR ACTIVITIES ON THE PROJECT. THIS INCLUDES, BUT IS NOT LIMITED TO THE REMOVAL AND REPLACEMENT OF NEWLY CRACKED, THE REMOVAL AND REPLACEMENT OF EXISTING CRACKS WHERE THE CRACKS HAVE BEEN ENLARGED DUE TO THE CONTRACTORS OPERATIONS, THE REMOVAL AND REPLACEMENT OF DEFORMED PAVEMENT, CURB AND GUTTER, SIDEWALK, ETC. ALL SAW CUTS USED FOR THE REMOVAL OF THESE ITEMS SHALL BE PERPENDICULAR AND PARALLEL TO THE CENTERLINE CONTROLLING THAT ITEM, OR AT THE DISCRETION OF THE CITY INSPECTOR.

_____	CENTER LINE
_____ - - - _____	PROPERTY LINE
-ROW - - - ROW -	RIGHT-OF-WAY
— F — F —	FIBER
— G — G —	GAS
— P — P —	POWER
— S — S —	SANITARY SEWER
— SD — SD —	STORM DRAIN
— W — W —	WATER
— P — P —	LIGHT CIRCUIT POWER
— OHU — OHU —	OVERHEAD UTILITY LINE



SECTOR 1: 65
SECTOR 2: 185
SECTOR 3: 305

GPS COORDINATES:

LAT: 37.561501°


LONG: -122.288572°

ANTENNA RAD CENTER: 25'-11"

SUBJECT POLE IS LOCATED IN:
CITY OF SAN MATEO R.O.W.



RECORD DRAWINGS ISSUE DATE:
04/19/2023



Exp. 03/31/24

Kimley»Horn
3875 EMBASSY PARKWAY, SUITE 280
AKRON, OH 44333
PHONE: (216) 505-7775
WWW.KIMLEY-HORN.COM

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

RELEASE	
DATE	SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
0	04/19/2023	ISSUED FOR CONSTRUCTION
A	04/10/2023	ISSUED FOR REVIEW

VCA2 SAN MATEO BRIDGE HEADEND

CA_SF_SANMATEO_195M1

2317 ARMADA WAY
SAN MATEO, CA 94404

SAN MATEO BRIDGE HEADEND

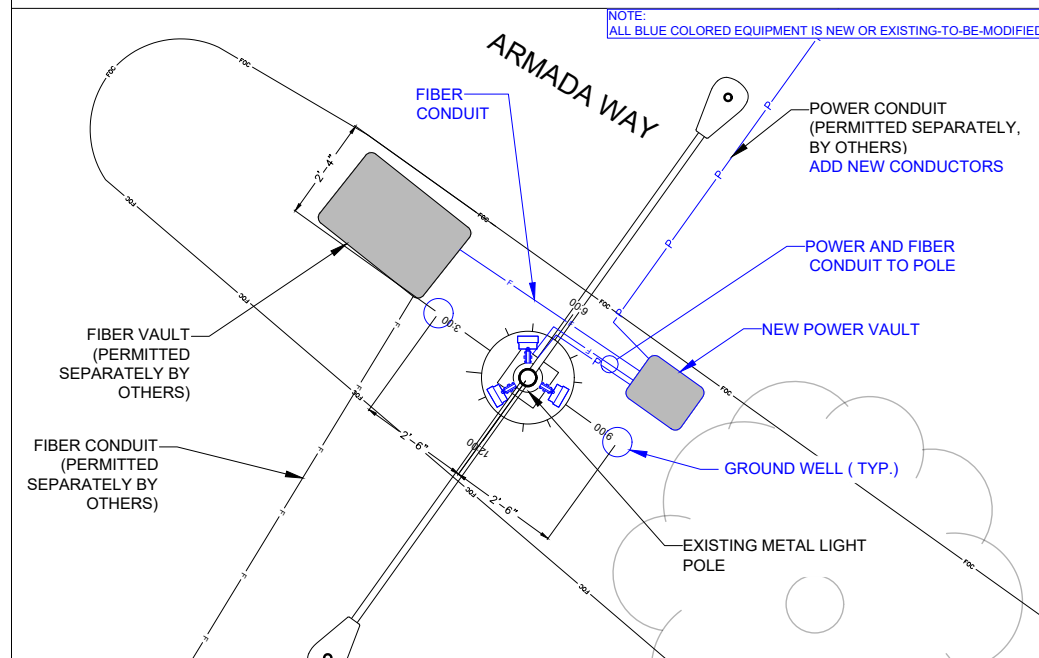
KHCLE-38585

DRAWN BY: CAV
CHECKED BY: TDR

SITE PLAN

A1.1 2 OF 7

PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"



11 X 17 / PLOT: 1/4" = 1'-0"

NOTE:
ALL BLUE COLORED EQUIPMENT IS NEW OR EXISTING-TO-BE-MODIFIED

PROPOSED POWER POC:
EXISTING POC VAULT
(PERMITTED SEPARATELY, BY
OTHERS)
(37.561597, -122.288503)

APPROX. PUE LINE

POWER CONDUIT

SHRUB,
(TYP.)

APPROX. ROW LINE

FACE OF
CURB (TYP)

CONCRETE
SIDEWALK, (TYP.)

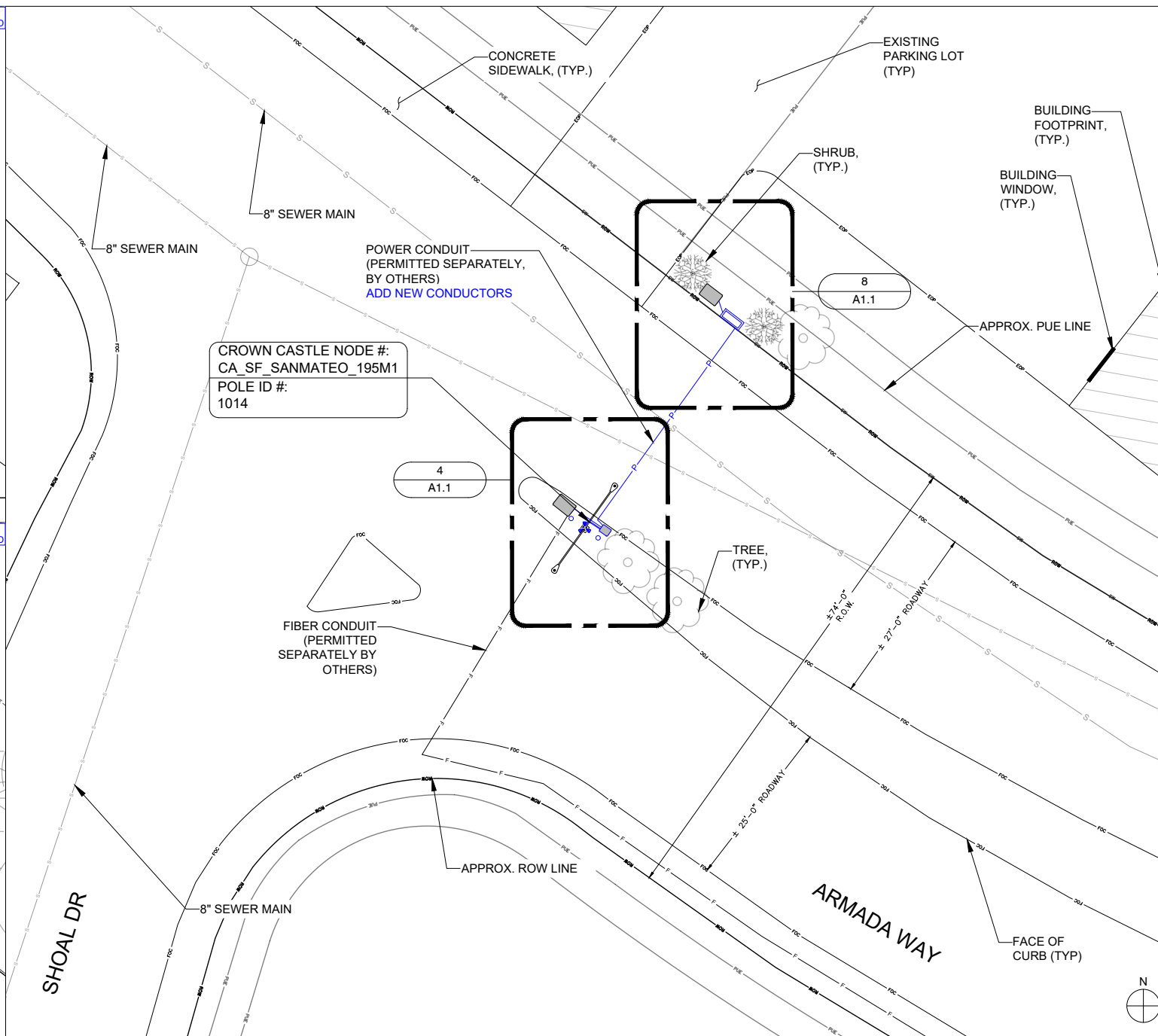
1'-10"

METER PEDESTAL
(SEE DETAIL 14/D1.3 & 8/D1.1)

POWER CONDUIT
(PERMITTED SEPARATELY,
BY OTHERS)
ADD NEW CONDUCTORS

REPLACE SIDEWALK THAT IS DAMAGED AS A
RESULT OF CONSTRUCTION. REPLACE FULL
SIDEWALK PANELS FROM SCORE LINE TO
SCORE LINE. MATCH EXISTING SIDEWALK
CROSS SECTION FOR REPLACEMENT SIDEWALK

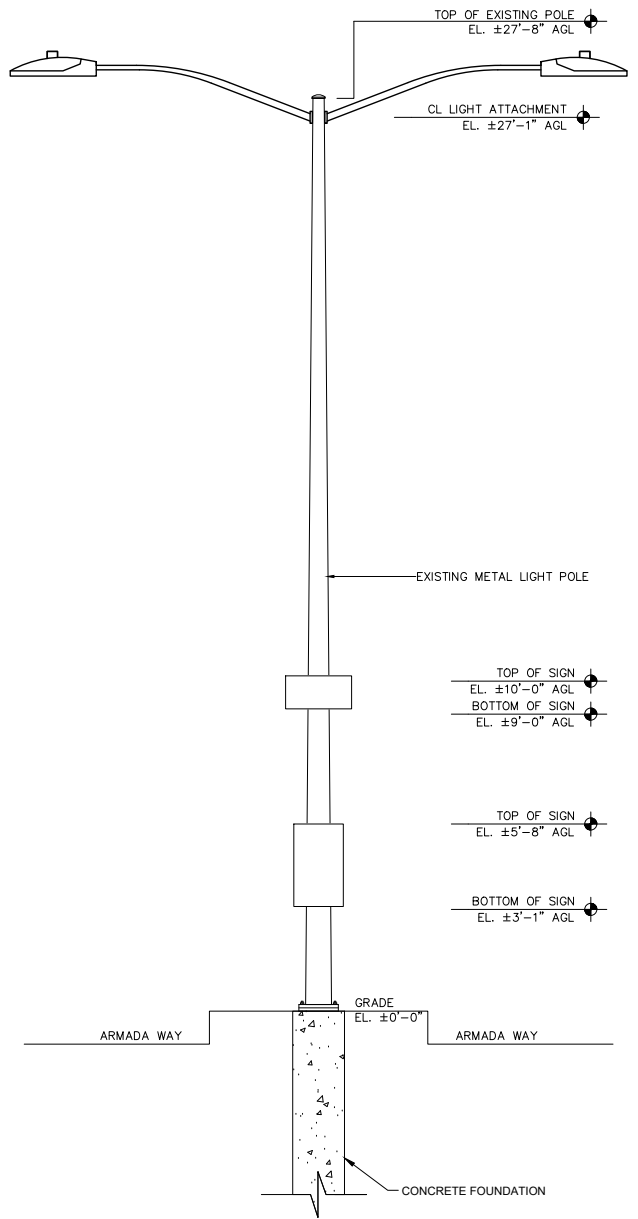
N



(E) POLE TYPE: EXISTING METAL POLE
(E) POLE HEIGHT: 27'-8"
(E) POLE OWNER: CITY OF SAN MATEO

(E) POLE ID #: 1014

POLE INFORMATION SCALE: N.T.S. 1

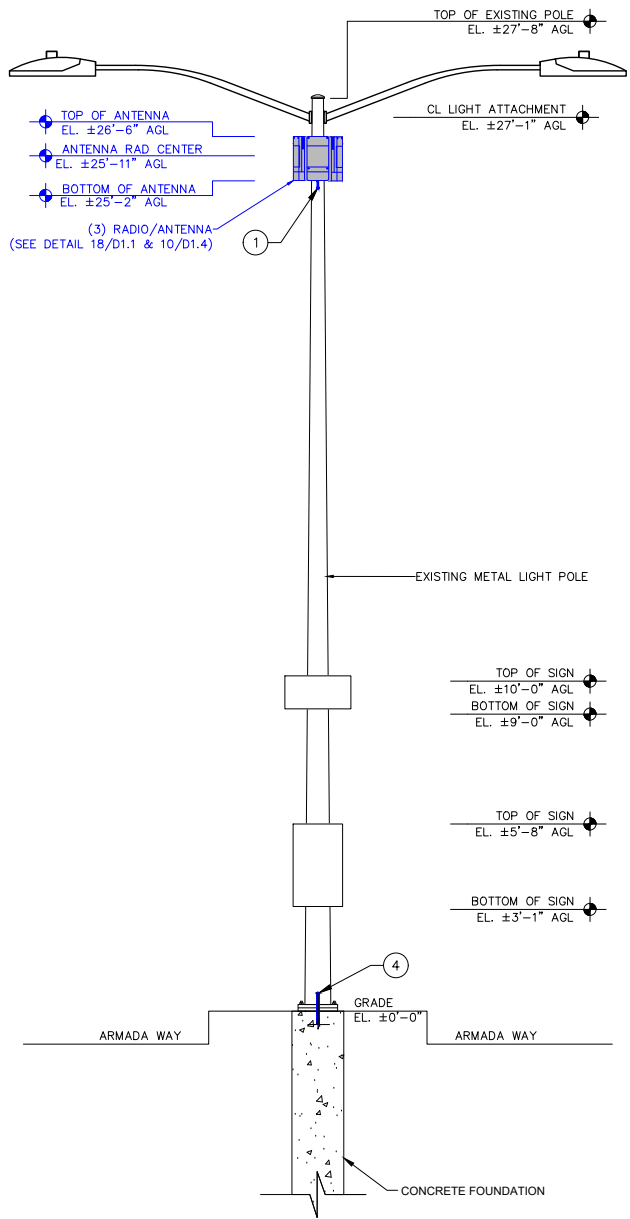


POLE ELEVATIONS - EXISTING (LOOKING SOUTHEAST) 24"x36" PLOT: 3/8" = 1'-0" 11"x17" PLOT: 3/16" = 1'-0" 4

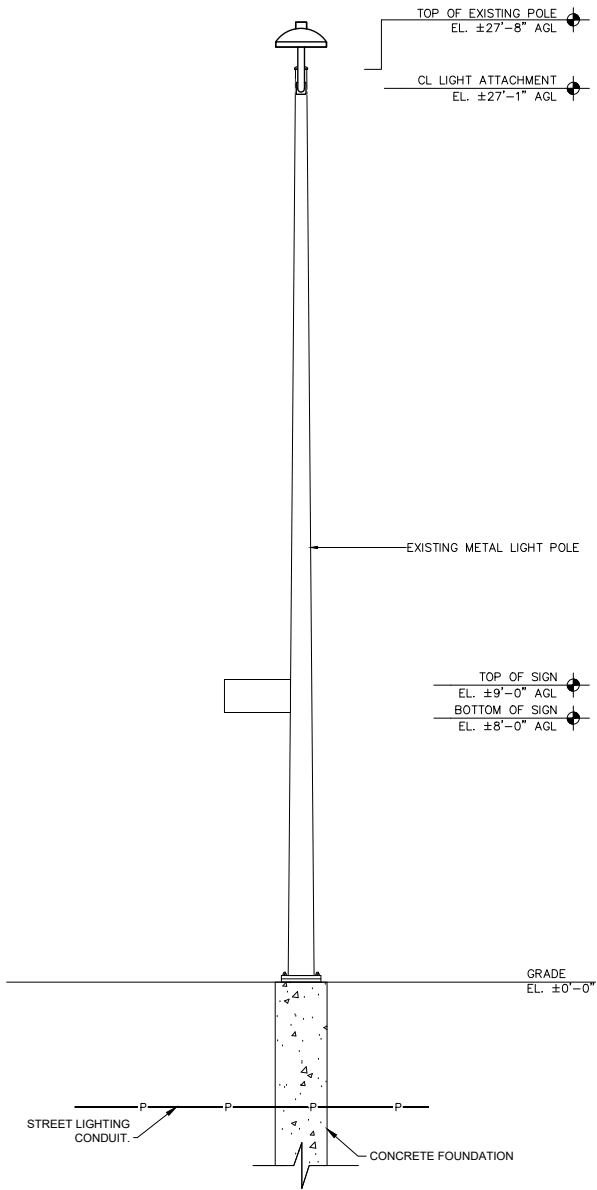
NOTES:
1. ALL BLUE COLORED EQUIPMENT IS NEW OR EXISTING-TO-BE-MODIFIED
2. ALL AZIMUTHS SHOWN ON THIS PAGE ARE GENERIC - SEE PAGE A1.1 FOR SPECIFIC AZIMUTH DETAILS
3. ALL NEW EQUIPMENT TO BE PAINTED / WRAPPED TO MATCH POLE COLOR

KEYNOTES:

- 0.5" MAXIMUM DIAMETER POLE PENETRATION FOR POWER, GROUNDING, AND FIBER CABLES PER RADIO/ANTENNA. CONSTRUCT/PROVIDE PENETRATIONS AND FITTINGS THAT ARE WATER-TIGHT AND WITHOUT SHARP EDGES.
- 2" MAXIMUM DIAMETER POLE PENETRATION FOR POWER, GROUNDING, AND FIBER CONDUIT. CONSTRUCT/PROVIDE PENETRATIONS AND FITTINGS THAT ARE WATER-TIGHT AND WITHOUT SHARP EDGES.
- 1" SCH. 40 RIGID CONDUIT FOR POWER AND GROUNDING CABLES.
- 1.5" SCH. 40 RIGID CONDUIT FOR POWER, GROUNDING, AND FIBER CABLES.



PROPOSED UNDERGROUND UTILITIES NOT SHOWN. SEE SITE PLAN.
POLE ELEVATIONS - PROPOSED (LOOKING SOUTHEAST) 24"x36" PLOT: 3/8" = 1'-0" 11"x17" PLOT: 3/16" = 1'-0" 8

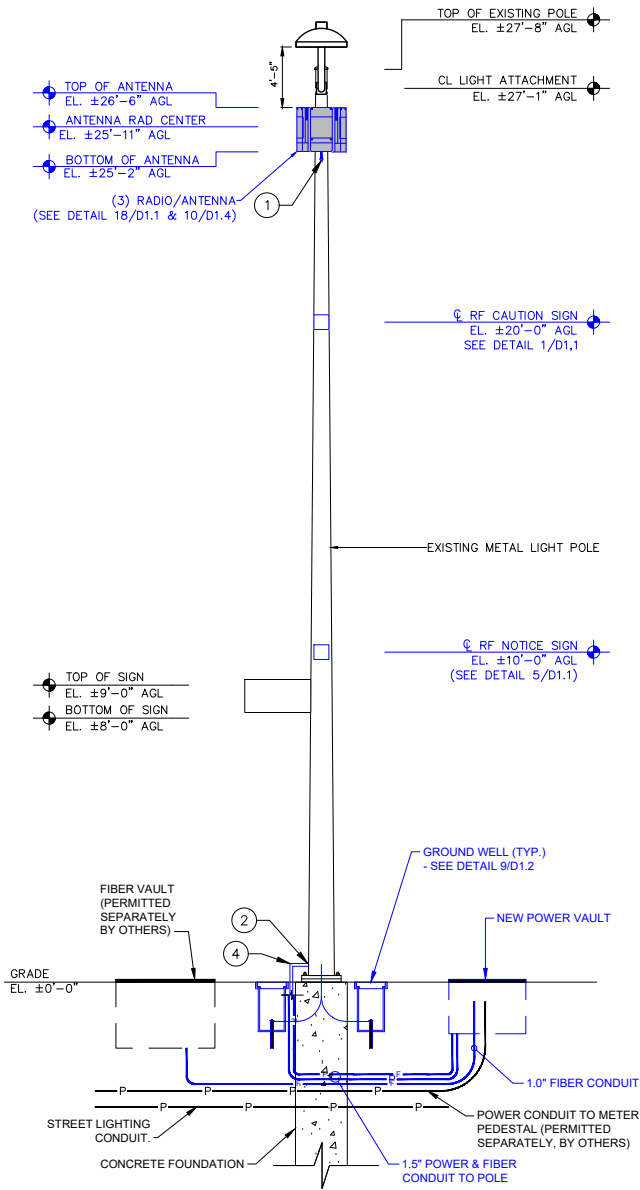


POLE ELEVATIONS - EXISTING (LOOKING NORTHEAST) 24"x36" PLOT: 3/8" = 1'-0" 11"x17" PLOT: 3/16" = 1'-0" 12

NOTES:
1. ALL BLUE COLORED EQUIPMENT IS NEW OR EXISTING-TO-BE-MODIFIED
2. ALL AZIMUTHS SHOWN ON THIS PAGE ARE GENERIC - SEE PAGE A1.1 FOR SPECIFIC AZIMUTH DETAILS
3. ALL NEW EQUIPMENT TO BE PAINTED / WRAPPED TO MATCH POLE COLOR

KEYNOTES:

- 0.5" MAXIMUM DIAMETER POLE PENETRATION FOR POWER, GROUNDING, AND FIBER CABLES PER RADIO/ANTENNA. CONSTRUCT/PROVIDE PENETRATIONS AND FITTINGS THAT ARE WATER-TIGHT AND WITHOUT SHARP EDGES.
- 2" MAXIMUM DIAMETER POLE PENETRATION FOR POWER, GROUNDING, AND FIBER CONDUIT. CONSTRUCT/PROVIDE PENETRATIONS AND FITTINGS THAT ARE WATER-TIGHT AND WITHOUT SHARP EDGES.
- 1" SCH. 40 RIGID CONDUIT FOR POWER AND GROUNDING CABLES.
- 1.5" SCH. 40 RIGID CONDUIT FOR POWER, GROUNDING, AND FIBER CABLES.



SEE SITE PLAN FOR PROPOSED UNDERGROUND UTILITY LOCATIONS.
POLE ELEVATIONS - PROPOSED (LOOKING NORTHEAST) 24"x36" PLOT: 3/8" = 1'-0" 11"x17" PLOT: 3/16" = 1'-0" 20



CROWN CASTLE
CROWN CASTLE
ONE PARK PLACE, STE. 300
DUBLIN, CA 94568

RECORD DRAWINGS ISSUE DATE:
04/19/2023



PREPARED BY:
Kimley»Horn
3875 EMBASSY PARKWAY, SUITE 280
AKRON, OH 44333
PHONE: (216) 505-7775
WWW.KIMLEY-HORN.COM

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

RELEASE	
DATE	SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
0	04/19/2023	ISSUED FOR CONSTRUCTION
A	04/10/2023	ISSUED FOR REVIEW

PROJECT NAME

VCA2 SAN MATEO BRIDGE HEADEND

CROWN NODE ID NUMBER

CA_SF_SANMATEO_195M1

NODE ADDRESS

2317 ARMADA WAY
SAN MATEO, CA 94404

HUB NAME

SAN MATEO BRIDGE HEADEND

KH JOB NUMBER

KHCL-38585

IN HOUSE

DRAWN BY: CAV
CHECKED BY: TDR

SHEET TITLE

POLE ELEVATIONS

SHEET NUMBER

A1.2

PAGE

3 OF 7

PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"



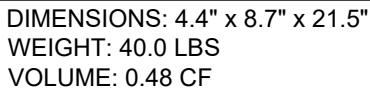
SCALE: N.T.S. 8



SCALE: N.T.S. 20



PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"



METER SPEC. (TESCO - CAT. 703)

SCALE: NTS	14
------------	----

MANUFACTURER	MODEL	DEPTH (IN)	WIDTH (IN)	HEIGHT (IN)	VOLUME (CF)	QUANTITY	TOTAL VOLUME (CF)
ERICSSON	STREETMACRO 6705	5.9	7.9	14.4	0.39	3	1.17
NYM	SRB	9	2.9	5.8	0.09	3	0.26
NYM	BKT-ERIC6701/6705	5.3	5.3	1.8	0.03	3	0.09
TESCO	CAT. 703	4.4	8.7	21.5	0.48	1	0.48
N/A	2x4 GALV. STEEL TUBE	2	4	20	0.09	1	0.09
SUM							2.08

EQUIPMENT INVENTORY TABLE

SCALE: NTS	12
------------	----

Streetmacro 6705

Spectrum	280MHz (261/257) 39 GHz (2080) 24GHz (x258)
18W	Full band
Total Carrier BW	800 MHz, continuous/non-continuous carriers
ERP	59 dBm (CH1, 800MHz) 62 dBm (CH2, 400MHz)
Power Spectral Density	1.5 dBm/100 kHz (CH1, 800MHz carrier)
Layers	2 @ 800 MHz, 4 @ 400MHz
Modulation	64/16 QAM/256 QAM D/L/U/L
Service Angular Range	+60°, ±15°
Total Antenna BW	160 Antenna BW
Throughput	~5 Gbps D/L 1 Gbps U/L
Synchronization	1500Hz, GNSS
Power Consumption	Power Consumption ~500 W Max
Weight	~13 kg
Dimensions	366x158x200 mm two protrusions
Operational conditions	809x154x200 mm in protrusions (eng. GNSS)
Cooling	-40 to +55 degrees
Power	AC, 100-250 V
IP Class	IP 65



2021-09-29 | Commercial in Confidence | Page 8

DIMENSIONS: 5.9" x 7.9" x 14.4"
WEIGHT: 31.0 LBS
VOLUME: 0.39 CF

ANTENNA / RADIO SPEC (ERICSSON - STREETMACRO 6705)

SCALE: NTS	10
------------	----



CROWN CASTLE
CROWN CASTLE
ONE PARK PLACE, STE. 300
DUBLIN, CA 94568

RECORD DRAWINGS ISSUE DATE:
04/19/2023



Exp. 03/31/24

PREPARED BY:

Kimley»Horn

3875 EMBASSY PARKWAY, SUITE 280
AKRON, OH 44333
PHONE: (216) 505-7775
WWW.KIMLEY-HORN.COM

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

RELEASE	
DATE	SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
0	04/19/2023	ISSUED FOR CONSTRUCTION
A	04/10/2023	ISSUED FOR REVIEW

PROJECT NAME

VCA2 SAN MATEO BRIDGE HEADEND

CROWN NODE ID NUMBER

CA SF SANMATEO 195M1

NODE ADDRESS

2317 ARMADA WAY
SAN MATEO, CA 94404

HUB NAME

SAN MATEO BRIDGE HEADEND

KH JOB NUMBER

KHCLE-38585

DRAWN BY: CAV

DRAWN BY: CAV
CHECKED BY: TDR

SHEET TITLE

EQUIPMENT SPECIFICATIONS

SHEET NUMBER

PAGE

D1.4

7 OF 7

PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"

Photosimulations



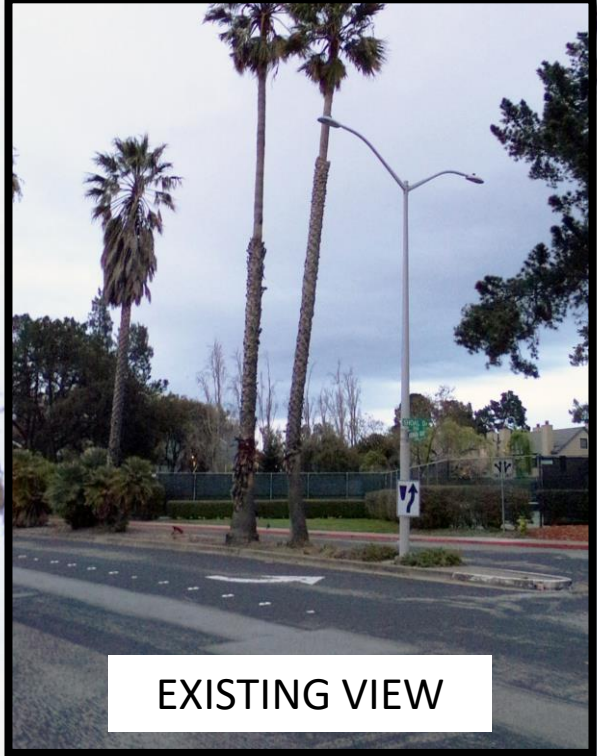
EXISTING VIEW



CLOSE UP



 **CROWN
CASTLE**
CA_SF_SANMATEO_195M1
2317 ARMADA WAY
SAN MATEO, CA 94404
PHOTO SIMULATION
View 1



EXISTING VIEW



CLOSE UP



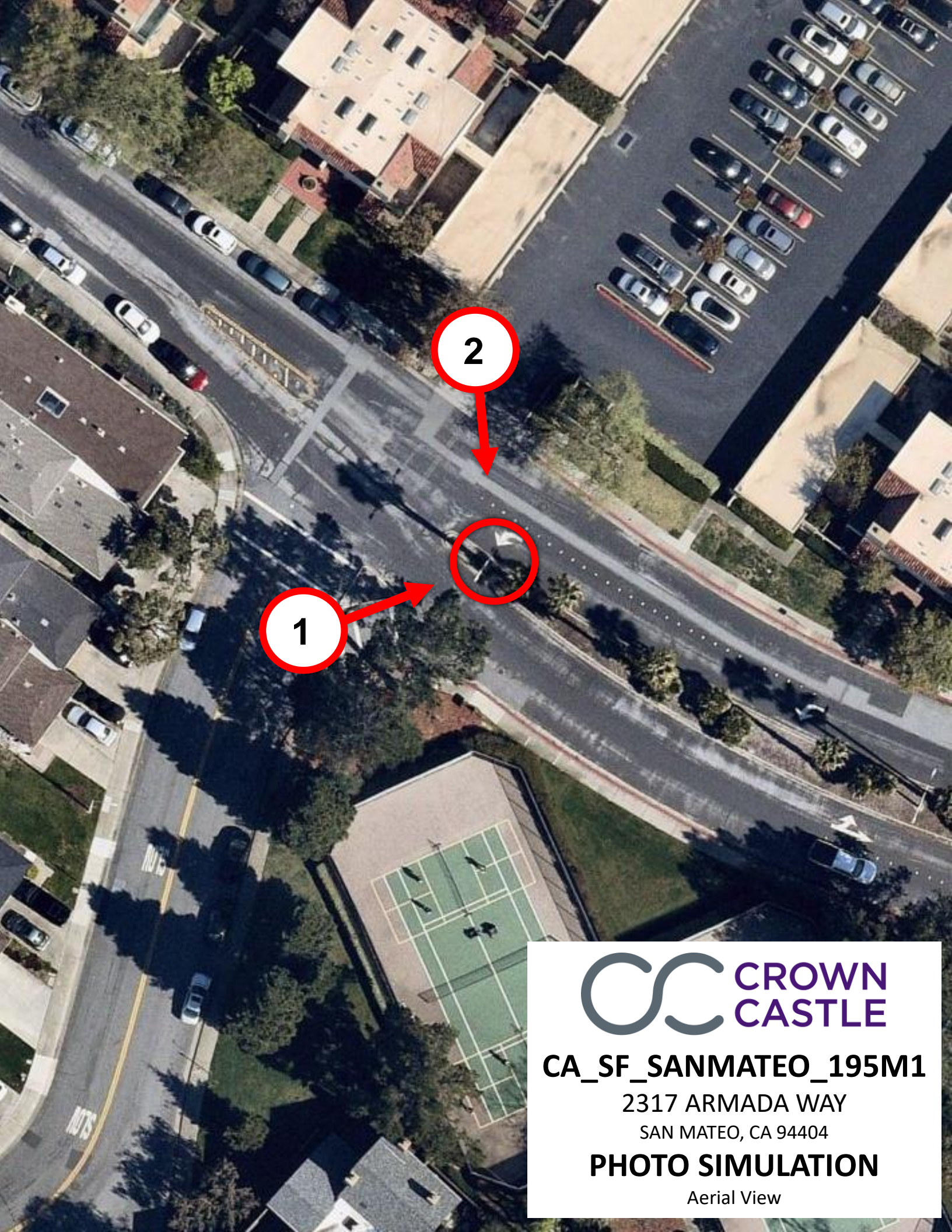
CA_SF_SANMATEO_195M1

2317 ARMADA WAY

SAN MATEO, CA 94404

PHOTO SIMULATION

View 2



CA_SF_SANMATEO_195M1

2317 ARMADA WAY

SAN MATEO, CA 94404

PHOTO SIMULATION

Aerial View

Notification Affidavits



DECLARATION OF SERVICE BY MAIL

COMPANY NAME: KIMLEY-HORN
CUSTOMER NAME: TAYLOR BLANFORD
COMPANY ADDRESS: 1300 CLAY ST, STE 325, OAKLAND, CA 94612
SITE: SAN MATEO 195M1
SITE ADDRESS: Nearest Address: 2317 ARMADA WAY, San Mateo, CA 94404

DECLARATION:

I, Sean Wilson, Of, Title Pro Information Systems, do hereby declare that on, MAY 16TH, 2023, I served by mail upon each ☒ OCCUPANT & OWNER WITHIN THE MAILING LIST PROVIDED BY THE CLIENT, of the above-designated premises/subject property area, by depositing in the United States Mail, with postage fully prepaid, copy of the **Application Submittal for Wireless Facility Notification**, a copy of which is attached hereto, giving the name(s) of the notice giver, site address of the subject property where the business is to be conducted, addressed to the Owner AND/OR Occupant for each of the following addresses: (see attached sheet(s)). (Note: Depending on the noticing requirements, we may have removed Duplicate Property Owners, Owner/Occupants from applicable address lists to prevent multiple notification.)

I declare under the penalty of perjury that the foregoing is true and correct.

Executed at San Diego, California, this 16TH, day of MAY, 2023.

Signature

Application Submittal for Wireless Facility

May 9, 2023

Applicant: Crown Castle
Taylor Blanford – Permitting Agent
1300 Clay Street, Suite 325, Oakland, CA 94612
Taylor.Blanford@kimley-horn.com
(510) 210-3221

CC: northerncaliforniapubliccomments@crowncastle.com
(925) 701-7210

Dear Property Owner or Resident:

Crown Castle has submitted an application for a small wireless facility to be located in the right-of-way to the City of San Mateo Public Works Department. As part of Crown Castle's application, San Mateo City Municipal Code (SMMC) Section 17.10.050(d) requires that we send a notification *"to all property owners and residents within a 500' radius of the proposed project site"* within five (5) calendar days of submission of the application to the City.

A "small wireless facility" is a low-powered, compact device used to provide wireless cellular service. The proposed small wireless facility would be installed at the location below.

Location: Nearest Address: 2317 ARMADA WAY, San Mateo, CA 94404
The location was identified as the least intrusive location that meets specific wireless network coverage needs. In this case, the facility is proposed to be placed on an existing streetlight pole as shown on the last page of this notice. This small wireless facility will not require installation of any street-level equipment, such as data cabinets or electrical meter pedestals. If the application is approved by the City of San Mateo, installation is anticipated to begin Fall, 2023.

For information on the equipment or technical aspects of this installation, contact the Applicant listed at the top of this letter. Comments regarding aspects of the project other than radio frequency emissions, aesthetics, or requests for updates may be submitted to the Applicant within thirty (30) calendar days of this notice, May 9, 2023. Comments may be submitted via mail or email to the addresses listed for the Applicant.

Concerns related to the safety of radio frequency emissions should be directed to the Federal Communications Commission (FCC) Office of Engineering and Technology located at 445 12th St SW, Washington, DC, 20554. The FCC may also be reached at 1 (888) CALL-FCC. The FCC does not allow appeals when based solely on the environmental effects from radio frequency emissions that are compliant with applicable FCC regulations and guidelines.

Pursuant to US Code Title 47 section 332(c)(7)(B)(i)(II), local governments may not prohibit or have the effect of prohibiting the provision of cellular services in the municipalities they govern.

FCC rules do allow local governments to adopt design guidelines to guide infrastructure companies in the aesthetic design of their facilities. The City of San Mateo has done so and these guidelines are codified in the "2021 Design Standards, Application Requirements, Conditions of Approval for Wireless Facilities in the Public Right-of-Way" available at the following website:

<https://www.cityofsanmateo.org/3865/Small-Cell-Infrastructure>

Comments regarding compliance with the SMMC and corresponding Design Standards, should be emailed or mailed to the Comments Address listed below.

Comments Address: **City of San Mateo**
Attn: Public Works – Permitting Division
RE Wireless Comments
330 W. 20th Ave., San Mateo, CA 94403
Email: pwencroachment@cityofsanmateo.org

Members of the public interested in receiving information on application decisions should sign up for notifications on the Small Cell Infrastructure webpage available at the following website, as no additional noticing will be provided:

<https://www.cityofsanmateo.org/3865/Small-Cell-Infrastructure>.

Decisions regarding this project may be appealed with in five (5) calendar days of the issuance of the Notice of Decision that will be posted on the webpage listed above. Appeals may be made in accordance with SMMC Section 17.10.070. Only persons who are the property owner or resident within 500' of the project site may appeal the decision by the Director to approve or deny an application for a wireless permit.

Appeals can be made by filing a protest with the Secretary of the Sustainability and Infrastructure Commission (SIC) within five (5) calendar days of the issuance of the Notice of Decision. Protests can be filed with Cookie Kaplan, Secretary of the Sustainability and Infrastructure Commission, Ryan Brunmeier, Assistant Engineer, City of San Mateo, 330 W. 20th Avenue, San Mateo, CA 94403 or emailed to rbrunmeier@cityofsanmateo.org. If mailed, the postmark must be before the five (5) days or it will not be considered.

Protests based solely on environmental effects from radio frequency emissions that are compliant with applicable FCC regulations and guidelines are not allowed by federal law. Anyone submitting a protest is encouraged to attend the SIC meeting when the protest is agendized.

Location of Proposed Facility

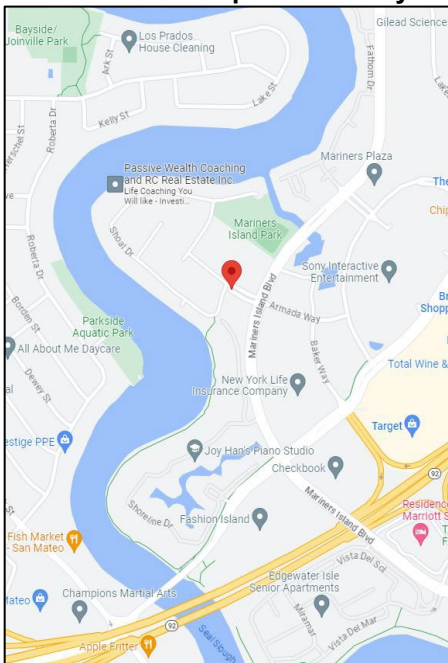


Photo Simulation of Proposed Facility



PROPERTY APN	RECIPIENT	ADDRESS	CITY	STATE	ZIP CODE
35524220	THE OCCUPANT	1001 SHOAL DR	SAN MATEO	CA	94404-1512
35524999	THE OCCUPANT	1008 SHOAL DR	SAN MATEO	CA	94404
35522120	THE OCCUPANT	1010 SHOAL DR	SAN MATEO	CA	94404-1513
35522130	THE OCCUPANT	1018 SHOAL DR	SAN MATEO	CA	94404-1513
35522140	THE OCCUPANT	1026 SHOAL DR	SAN MATEO	CA	94404-1513
107050060	THE OCCUPANT	2201 ARMADA WAY	SAN MATEO	CA	94404-1533
107050050	THE OCCUPANT	2203 ARMADA WAY	SAN MATEO	CA	94404-1533
107050070	THE OCCUPANT	2205 ARMADA WAY	SAN MATEO	CA	94404-1533
35522780	THE OCCUPANT	2206 ARMADA WAY	SAN MATEO	CA	94404-1506
107050080	THE OCCUPANT	2207 ARMADA WAY	SAN MATEO	CA	94404-1533
107040020	THE OCCUPANT	2209 ARMADA WAY	SAN MATEO	CA	94404-1533
107040010	THE OCCUPANT	2211 ARMADA WAY	SAN MATEO	CA	94404-1533
35522790	THE OCCUPANT	2212 ARMADA WAY	SAN MATEO	CA	94404-1506
107040040	THE OCCUPANT	2215 ARMADA WAY	SAN MATEO	CA	94404-1559
107050100	THE OCCUPANT	2217 ARMADA WAY	SAN MATEO	CA	94404-1559
35522800	THE OCCUPANT	2218 ARMADA WAY	SAN MATEO	CA	94404-1506
107050090	THE OCCUPANT	2219 ARMADA WAY	SAN MATEO	CA	94404-1532
107050110	THE OCCUPANT	2221 ARMADA WAY	SAN MATEO	CA	94404-1559
107050120	THE OCCUPANT	2223 ARMADA WAY	SAN MATEO	CA	94404-1532
35522810	THE OCCUPANT	2224 ARMADA WAY	SAN MATEO	CA	94404-1506
107040060	THE OCCUPANT	2225 ARMADA WAY	SAN MATEO	CA	94404-1559
107040050	THE OCCUPANT	2227 ARMADA WAY	SAN MATEO	CA	94404-1532
107040070	THE OCCUPANT	2229 ARMADA WAY	SAN MATEO	CA	94404-1559
35522820	THE OCCUPANT	2230 ARMADA WAY	SAN MATEO	CA	94404-1506
107040080	THE OCCUPANT	2231 ARMADA WAY	SAN MATEO	CA	94404-1532
106980090	THE OCCUPANT	2233 ARMADA WAY	SAN MATEO	CA	94404-1502
106980120	THE OCCUPANT	2235 ARMADA WAY	SAN MATEO	CA	94404-1502
35522830	THE OCCUPANT	2236 ARMADA WAY	SAN MATEO	CA	94404-1506
106980100	THE OCCUPANT	2237 ARMADA WAY	SAN MATEO	CA	94404-1502
106980110	THE OCCUPANT	2239 ARMADA WAY	SAN MATEO	CA	94404-1502
106980050	THE OCCUPANT	2241 ARMADA WAY	SAN MATEO	CA	94404-1502
106980080	THE OCCUPANT	2243 ARMADA WAY	SAN MATEO	CA	94404-1502
106980060	THE OCCUPANT	2245 ARMADA WAY	SAN MATEO	CA	94404-1532
106980070	THE OCCUPANT	2247 ARMADA WAY	SAN MATEO	CA	94404-1532
106980010	THE OCCUPANT	2249 ARMADA WAY	SAN MATEO	CA	94404-1532
106980040	THE OCCUPANT	2251 ARMADA WAY	SAN MATEO	CA	94404-1534
106980020	THE OCCUPANT	2253 ARMADA WAY	SAN MATEO	CA	94404-1534
106980030	THE OCCUPANT	2255 ARMADA WAY	SAN MATEO	CA	94404-1534
107050020	THE OCCUPANT	2257 ARMADA WAY	SAN MATEO	CA	94404-1534
107050010	THE OCCUPANT	2259 ARMADA WAY	SAN MATEO	CA	94404-1534
107050030	THE OCCUPANT	2261 ARMADA WAY	SAN MATEO	CA	94404-1534
107050040	THE OCCUPANT	2263 ARMADA WAY	SAN MATEO	CA	94404-1534
106990010	THE OCCUPANT	2265 ARMADA WAY	SAN MATEO	CA	94404-1531
106990040	THE OCCUPANT	2267 ARMADA WAY	SAN MATEO	CA	94404-1531
106990020	THE OCCUPANT	2269 ARMADA WAY	SAN MATEO	CA	94404-1531
106990030	THE OCCUPANT	2271 ARMADA WAY	SAN MATEO	CA	94404-1531
106990050	THE OCCUPANT	2273 ARMADA WAY	SAN MATEO	CA	94404-1531
106990080	THE OCCUPANT	2275 ARMADA WAY	SAN MATEO	CA	94404-1531
106990060	THE OCCUPANT	2277 ARMADA WAY	SAN MATEO	CA	94404-1530
106990070	THE OCCUPANT	2279 ARMADA WAY	SAN MATEO	CA	94404-1530
106990090	THE OCCUPANT	2281 ARMADA WAY	SAN MATEO	CA	94404-1530
106990120	THE OCCUPANT	2283 ARMADA WAY	SAN MATEO	CA	94404-1530
106990100	THE OCCUPANT	2285 ARMADA WAY	SAN MATEO	CA	94404-1529
106990110	THE OCCUPANT	2287 ARMADA WAY	SAN MATEO	CA	94404-1529
106990140	THE OCCUPANT	2289 ARMADA WAY	SAN MATEO	CA	94404-1529
106990130	THE OCCUPANT	2291 ARMADA WAY	SAN MATEO	CA	94404-1529
106990150	THE OCCUPANT	2293 ARMADA WAY	SAN MATEO	CA	94404-1529
106990160	THE OCCUPANT	2295 ARMADA WAY	SAN MATEO	CA	94404-1505
106940020	THE OCCUPANT	2301 ARMADA WAY	SAN MATEO	CA	94404-1527
106940010	THE OCCUPANT	2303 ARMADA WAY	SAN MATEO	CA	94404-1527

106940030	THE OCCUPANT	2305 ARMADA WAY	SAN MATEO	CA	94404-1527
106940040	THE OCCUPANT	2307 ARMADA WAY	SAN MATEO	CA	94404-1527
106940060	THE OCCUPANT	2309 ARMADA WAY	SAN MATEO	CA	94404-1500
106940050	THE OCCUPANT	2311 ARMADA WAY	SAN MATEO	CA	94404-1500
106940070	THE OCCUPANT	2313 ARMADA WAY	SAN MATEO	CA	94404-1500
106940080	THE OCCUPANT	2315 ARMADA WAY	SAN MATEO	CA	94404-1500
106950130	THE OCCUPANT	2317 ARMADA WAY	SAN MATEO	CA	94404-1526
106950160	THE OCCUPANT	2319 ARMADA WAY	SAN MATEO	CA	94404-1526
106950140	THE OCCUPANT	2321 ARMADA WAY	SAN MATEO	CA	94404-1526
106950150	THE OCCUPANT	2323 ARMADA WAY	SAN MATEO	CA	94404-1526
106950090	THE OCCUPANT	2325 ARMADA WAY	SAN MATEO	CA	94404-1526
106950120	THE OCCUPANT	2327 ARMADA WAY	SAN MATEO	CA	94404-1526
106950100	THE OCCUPANT	2329 ARMADA WAY	SAN MATEO	CA	94404-1537
106950110	THE OCCUPANT	2331 ARMADA WAY	SAN MATEO	CA	94404-1537
106950060	THE OCCUPANT	2333 ARMADA WAY	SAN MATEO	CA	94404-1537
106950050	THE OCCUPANT	2335 ARMADA WAY	SAN MATEO	CA	94404-1537
106950070	THE OCCUPANT	2337 ARMADA WAY	SAN MATEO	CA	94404-1535
106950080	THE OCCUPANT	2339 ARMADA WAY	SAN MATEO	CA	94404-1528
106950020	THE OCCUPANT	2341 ARMADA WAY	SAN MATEO	CA	94404-1528
106950010	THE OCCUPANT	2343 ARMADA WAY	SAN MATEO	CA	94404-1528
106950030	THE OCCUPANT	2345 ARMADA WAY	SAN MATEO	CA	94404-1528
106950040	THE OCCUPANT	2347 ARMADA WAY	SAN MATEO	CA	94404-1528
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD	SAN MATEO	CA	94404-5008
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD FL 2	SAN MATEO	CA	94404-5008
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 100	SAN MATEO	CA	94404-1563
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 115	SAN MATEO	CA	94404-1584
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 125	SAN MATEO	CA	94404-1584
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 170	SAN MATEO	CA	94404-1571
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 200	SAN MATEO	CA	94404-5045
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 210	SAN MATEO	CA	94404-5059
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 400	SAN MATEO	CA	94404-5059
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 500	SAN MATEO	CA	94404-5050
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 510	SAN MATEO	CA	94404-5048
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 550	SAN MATEO	CA	94404-5048
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 560	SAN MATEO	CA	94404-5050
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 600	SAN MATEO	CA	94404-5046
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 650	SAN MATEO	CA	94404-5051
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 700	SAN MATEO	CA	94404-1565
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 750	SAN MATEO	CA	94404-5041
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE CAFE	SAN MATEO	CA	94404-5008
35522998	THE OCCUPANT	800 SEXTANT CT	SAN MATEO	CA	94404-1509
106720120	THE OCCUPANT	800 WHARFSIDE RD	SAN MATEO	CA	94404-2012
106730010	THE OCCUPANT	801 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106720110	THE OCCUPANT	802 WHARFSIDE RD	SAN MATEO	CA	94404-2012
106730020	THE OCCUPANT	803 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106720100	THE OCCUPANT	804 WHARFSIDE RD	SAN MATEO	CA	94404-2012
106730030	THE OCCUPANT	805 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106720080	THE OCCUPANT	806 WHARFSIDE RD	SAN MATEO	CA	94404-2012
106730040	THE OCCUPANT	807 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106720090	THE OCCUPANT	808 WHARFSIDE RD	SAN MATEO	CA	94404-2012
106730050	THE OCCUPANT	809 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106720070	THE OCCUPANT	810 WHARFSIDE RD	SAN MATEO	CA	94404-2012
106730060	THE OCCUPANT	811 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106720050	THE OCCUPANT	812 WHARFSIDE RD	SAN MATEO	CA	94404-2013
106730070	THE OCCUPANT	813 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106720030	THE OCCUPANT	814 WHARFSIDE RD	SAN MATEO	CA	94404-2013
106720060	THE OCCUPANT	816 WHARFSIDE RD	SAN MATEO	CA	94404-2013
106720040	THE OCCUPANT	818 WHARFSIDE RD	SAN MATEO	CA	94404-2013
106720010	THE OCCUPANT	820 WHARFSIDE RD	SAN MATEO	CA	94404-2013
106720020	THE OCCUPANT	822 WHARFSIDE RD	SAN MATEO	CA	94404-2013
106720240	THE OCCUPANT	824 WHARFSIDE RD	SAN MATEO	CA	94404-2014

106720230	THE OCCUPANT	826 WHARFSIDE RD	SAN MATEO	CA	94404-2014
106720220	THE OCCUPANT	828 WHARFSIDE RD	SAN MATEO	CA	94404-2014
106720200	THE OCCUPANT	830 WHARFSIDE RD	SAN MATEO	CA	94404-2014
106720210	THE OCCUPANT	832 WHARFSIDE RD	SAN MATEO	CA	94404-2014
35522680	THE OCCUPANT	846 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522690	THE OCCUPANT	852 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522700	THE OCCUPANT	858 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522710	THE OCCUPANT	866 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522720	THE OCCUPANT	870 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522730	THE OCCUPANT	874 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522740	THE OCCUPANT	880 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522750	THE OCCUPANT	884 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522760	THE OCCUPANT	888 NEPTUNE CT	SAN MATEO	CA	94404-1536
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 105	SAN MATEO	CA	94404-1593
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 125	SAN MATEO	CA	94404-5024
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 135	SAN MATEO	CA	94404-1593
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 165	SAN MATEO	CA	94404-1593
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 170	SAN MATEO	CA	94404-1593
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 175	SAN MATEO	CA	94404-1592
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 185	SAN MATEO	CA	94404-5024
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 205	SAN MATEO	CA	94404-1592
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 245	SAN MATEO	CA	94404-1592
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 300	SAN MATEO	CA	94404-5025
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 305	SAN MATEO	CA	94404-1593
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 325	SAN MATEO	CA	94404-1593
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 365	SAN MATEO	CA	94404-1593
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 375	SAN MATEO	CA	94404-5024
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 380	SAN MATEO	CA	94404-5085
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 400	SAN MATEO	CA	94404-5042
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 425	SAN MATEO	CA	94404-1592
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 465	SAN MATEO	CA	94404-1592
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 475	SAN MATEO	CA	94404-5026
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 525	SAN MATEO	CA	94404-5037
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 535	SAN MATEO	CA	94404-5026
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 545	SAN MATEO	CA	94404-5026
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 555	SAN MATEO	CA	94404-1594
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 565	SAN MATEO	CA	94404-1594
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 575	SAN MATEO	CA	94404-1594
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 585	SAN MATEO	CA	94404-5037
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 595	SAN MATEO	CA	94404-1594
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 600	SAN MATEO	CA	94404-5035
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 610	SAN MATEO	CA	94404-5035
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 620	SAN MATEO	CA	94404-5035
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 625	SAN MATEO	CA	94404-1577
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 700	SAN MATEO	CA	94404-5035
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 725	SAN MATEO	CA	94404-5052
35522840	THE OCCUPANT	904 SHOAL DR	SAN MATEO	CA	94404-1511
35522850	THE OCCUPANT	908 SHOAL DR	SAN MATEO	CA	94404-1511
35522860	THE OCCUPANT	912 SHOAL DR	SAN MATEO	CA	94404-1511
35522010	THE OCCUPANT	916 SHOAL DR	SAN MATEO	CA	94404-1511
35522020	THE OCCUPANT	924 SHOAL DR	SAN MATEO	CA	94404-1511
35522030	THE OCCUPANT	928 SHOAL DR	SAN MATEO	CA	94404-1511
35522040	THE OCCUPANT	932 SHOAL DR	SAN MATEO	CA	94404-1511
35522050	THE OCCUPANT	936 SHOAL DR	SAN MATEO	CA	94404-1511
35524350	THE OCCUPANT	939 SHOAL DR	SAN MATEO	CA	94404-1510
35524340	THE OCCUPANT	943 SHOAL DR	SAN MATEO	CA	94404-1510
35524330	THE OCCUPANT	947 SHOAL DR	SAN MATEO	CA	94404-1510
35524320	THE OCCUPANT	951 SHOAL DR	SAN MATEO	CA	94404-1510
35524310	THE OCCUPANT	955 SHOAL DR	SAN MATEO	CA	94404-1510
35524300	THE OCCUPANT	959 SHOAL DR	SAN MATEO	CA	94404-1510
35524290	THE OCCUPANT	963 SHOAL DR	SAN MATEO	CA	94404-1510

35524280	THE OCCUPANT	967 SHOAL DR	SAN MATEO	CA	94404-1510
35524270	THE OCCUPANT	971 SHOAL DR	SAN MATEO	CA	94404-1510
35522060	THE OCCUPANT	974 SHOAL DR	SAN MATEO	CA	94404-1511
35522070	THE OCCUPANT	978 SHOAL DR	SAN MATEO	CA	94404-1511
35524997	THE OCCUPANT	979 SHOAL DR	SAN MATEO	CA	94404
35522080	THE OCCUPANT	982 SHOAL DR	SAN MATEO	CA	94404-1511
35524260	THE OCCUPANT	983 SHOAL DR	SAN MATEO	CA	94404-1510
35522090	THE OCCUPANT	986 SHOAL DR	SAN MATEO	CA	94404-1511
35524250	THE OCCUPANT	987 SHOAL DR	SAN MATEO	CA	94404-1510
35522100	THE OCCUPANT	990 SHOAL DR	SAN MATEO	CA	94404-1511
35524240	THE OCCUPANT	991 SHOAL DR	SAN MATEO	CA	94404-1510
35522110	THE OCCUPANT	994 SHOAL DR	SAN MATEO	CA	94404-1511
35524230	THE OCCUPANT	995 SHOAL DR	SAN MATEO	CA	94404-1510
106980120	AL-SAYAH MOHAMMAD	2235 ARMADA WAY	SAN MATEO	CA	94404-4033
106980070	ARANA LORRIE D	2247 ARMADA WAY	SAN MATEO	CA	94404-1532
106990050	ARBIZU MARGARITA TR	2273 ARMADA WAY	SAN MATEO	CA	94404-1531
106950030	BANERJEE KUSHAL	2345 ARMADA WAY	SAN MATEO	CA	94404-1528
106720230	BARBER LUCILLE	826 WHARFSIDE RD	SAN MATEO	CA	94404-2014
106730050	BEKINS LOUISE R	809 WHARFSIDE RD	SAN MATEO	CA	94404-2009
107050070	BISHARA WAHEB	2205 ARMADA WAY	SAN MATEO	CA	94404-1533
106950100	BODISCO ALEXIS J	2329 ARMADA WY	SAN MATEO	CA	94404-1537
35522730	BRAYLOVSKIY MICHAEL TR	874 NEPTUNE CT	SAN MATEO	CA	94404-1536
106950020	BREEN STEVE E	2341 ARMADA WAY	SAN MATEO	CA	94404-1528
106940080	CACCIA SANTE TR	308 MYRTLE ST	REDWOOD CITY	CA	94062-2243
35522710	CALABRETTA IRMA ANN TR	7 WAKEFIELD CT	BELMONT	CA	94002-2929
107040060	CARLEY WILLIAM PATRICK TR	2225 ARMADA WAY	SAN MATEO	CA	94404-1559
106720070	CASEY ROBERT F JR TR	P O BOX 4	LA HONDA	CA	94020-0004
106990070	CATINELLA LEONARD	2279 ARMADA WAY	SAN MATEO	CA	94404-1530
35524350	CHAICHIAN YASHAAR	939 SHOAL DR	SAN MATEO	CA	94404-1510
35524240	CHAPMAN DAREL ROBERT	991 SHOAL DR	SAN MATEO	CA	94404-1510
106990090	CHARD JOSEPHINE ANN TR	2281 ARMADA WAY	SAN MATEO	CA	94404-1530
106980010	CHENG BECKER	2249 ARMADA WAY	SAN MATEO	CA	94404-1532
106730060	CHI KENNETH	811 WHARFSIDE RD	SAN MATEO	CA	94404-2009
35522720	CONDON CHARLES A	870 NEPTUNE CT	SAN MATEO	CA	94404-1536
106980040	CORNWALL MICHAEL TR	2251 ARMADA WAY	SAN MATEO	CA	94404-1534
35522130	COSTANTINO FRANCESCA P TR	1018 SHOAL DR	SAN MATEO	CA	94404-1513
106950160	CUTSINGER JAMES B & PEARL A TRS	2319 ARMADA WAY	SAN MATEO	CA	94404-1526
106720080	DACOSTA MICHAEL	806 WHARFSIDE RD	SAN MATEO	CA	94404-2012
35522110	DAVIS CATHERINE CAUSEY	492 ELEANOR CT	WALNUT CREEK	CA	94597-6810
35522820	DAYA GABRIEL	2230 ARMADA WAY	SAN MATEO	CA	94404-1506
106940030	DEROSSO GABRIELE	2305 ARMADA WAY	SAN MATEO	CA	94404-1527
35522010	DESMARAIS THOMAS D	PO BOX 25177	SAN MATEO	CA	94402-5177
106980030	DIFRUSCIO RAYMOND J TR	PO BOX 4097	FOSTER CITY	CA	94404-0097
106950120	DOHERTY SARA BETH	2327 ARMADA WY	SAN MATEO	CA	94404-1526
106990060	EDICK MELISSA A GONZALEZ	2277 ARMADA WAY	SAN MATEO	CA	94404-1530
106730030	ESPOSTO AMY M	805 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106730020	ESPOSTO JENNIFER LYNN	803 WHARFSIDE RD	SAN MATEO	CA	94404-2009
35522840	FALLAH FARSHID H	904 SHOAL DR	SAN MATEO	CA	94404-1511
106720100	FAUST MARCUS A	804 WHARFSIDE RD	SAN MATEO	CA	94404-2012
35524250	FAWZI PETER R TR	987 SHOAL DR	SAN MATEO	CA	94404-1510
106720050	FEINBERG HEIDI M	812 WHARFSIDE RD	SAN MATEO	CA	94404-2013
35524270	FINN CANDACE	46 MAUJER ST #4	BROOKLYN	NY	11206-7676
106720220	FINNEY MATTHEW	828 WHARFSIDE RD	SAN MATEO	CA	94404-2014
35522020	FONG BRIAN DANIEL TR	924 SHOAL DRIVE	SAN MATEO	CA	94404-1511
35524260	FURCI NICK	983 SHOAL DR	SAN MATEO	CA	94404-1510
35524290	GONZALEZ SONIA A	963 SHOAL DR	SAN MATEO	CA	94404-1510
35522700	GRAND BONITA S TR	858 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522100	GRANT LAURETTE O TR	990 SHOAL DR	SAN MATEO	CA	94404-1511
106950050	GUERRERO RAUL J TR	793 N ONTARE RD	SANTA BARBARA	CA	93105-2544
107050050	GUTIERREZ YOLANDA M TR	2203 ARMADA WY	SAN MATEO	CA	94404-1533
35524310	HALL EMILY T TR	955 SHOAL DR	SAN MATEO	CA	94404-1510

106720020	HARLOW KATE TR	822 WHARFSIDE RD	SAN MATEO	CA	94404-2013
107040080	HAYES ROSEMARY	2231 ARMADA WAY	FOSTER CITY	CA	94404-1532
106990100	HE HONG	2285 ARMADA WAY	SAN MATEO	CA	94404-1529
106990020	HE XUEWEI	2269 ARMADA WY	SAN MATEO	CA	94404-1531
106730070	HE YIYA	813 WHARFSIDE RD	SAN MATEO	CA	94404-2009
35522850	HERREN LAURA JANE TR	908 SHOAL DR	SAN MATEO	CA	94404-1511
107050100	HOJJATNIA AMIR	2217 ARMADA WAY	SAN MATEO	CA	94404-1559
106990150	HONG YAN	2293 ARMADA WAY	SAN MATEO	CA	94404-1529
106980050	HU BO	2241 ARMADA WAY	SAN MATEO	CA	94404-1502
107040070	JAIN NAMIT	2229 ARMADA WAY	SAN MATEO	CA	94404-1559
106980020	JONES CLABURN NIVEN TR	8103 E FOOTHILLS DR	SCOTTSDALE	AZ	85255-4945
106950040	KENNEDY ALLAN S	2347 ARMADA WAY	SAN MATEO	CA	94404-1528
35522810	KOHNKE JOHN DAVID TR	2224 ARMADA WAY	SAN MATEO	CA	94404-1506
106950140	KOMATSU MARY E	2321 ARMADA WAY	SAN MATEO	CA	94404-1526
106720120	KONG KOON WAI	800 WHARFSIDE ROAD	SAN MATEO	CA	94404-2012
35522080	KOSIKOV MIKHAIL	982 SHOAL DR	SAN MATEO	CA	94404-1511
35524300	KRANZ EDWARD RICHARD	959 SHOAL DR	SAN MATEO	CA	94404-1510
106980100	KRUSE HOLGER	2237 ARMADA WAY	SAN MATEO	CA	94404-1502
35522680	KULKARNI ROHIT	846 NEPTUNE CT	SAN MATEO	CA	94404-1536
107040040	KURNELLAS MICHAEL	2215 ARMADA WY	SAN MATEO	CA	94404-1559
107050010	LE JIAN	2259 ARMADA WAY	SAN MATEO	CA	94404-1534
106720200	LEE JUDY GIBLIN TR	830 WHARFSIDE RD	SAN MATEO	CA	94404-2014
106990120	LEE JUSTIN Y	2283 ARMADA WAY	SAN MATEO	CA	94404-1530
107040050	LEE SUK WAN TR	10 SAN SOVINO	NEWPORT COAST	CA	92657-1313
35522800	LEUNG EUGENE	2218 ARMADA WAY	SAN MATEO	CA	94404-1506
107050110	LIN WEN-JU	2221 ARMADA WAY #53	SAN MATEO	CA	94404-1559
35522030	LOW PEK YONG	928 SHOAL DR	SAN MATEO	CA	94404-1511
106990080	MACDONALD MARY CLARISSA TR	2275 ARMADA WY	SAN MATEO	CA	94404-1531
106720110	MARSHALL MELODY M TR	802 WHARFSIDE RD	SAN MATEO	CA	94404-2012
106940070	MCLAUGHLIN MICHELE TR	2313 ARMADA WAY	SAN MATEO	CA	94404-1500
106720010	MELLOR GENE E & SANDRA L TRS	930 TAHOE BLVD #802-159	INCLINE VILLAGE	NV	89451-9451
107050060	MEMARI TAYBEH GHAFARI TR	2201 ARMADA WAY	SAN MATEO	CA	94404-1533
106720210	MILLER PAUL	832 WHARFSIDE RD	SAN MATEO	CA	94404-2014
35522040	MONTEZUMA JAIRO	932 SHOAL DR	SAN MATEO	CA	94404-1511
107050080	MORIMUNE SCOTT K	2207 ARMADA WAY	SAN MATEO	CA	94404-1533
106940010	MURIN CAROL A	2303 ARMADA WAY	SAN MATEO	CA	94404-1527
106950070	MURPHY DEBRA J TR	1754 KELLY ST	SAN MATEO	CA	94403-1019
35524220	NICK BRYAN A TR	PO BOX 141	COURTLAND	CA	95615-0141
35524340	O'HARA SHAYDA ALAGHEMAND	943 SHOAL DR	SAN MATEO	CA	94404-1510
35522090	OSULLIVAN CHRISTOPHER L TR	986 SHOAL DR	SAN MATEO	CA	94404-1511
106950110	OSULLIVAN LAURENCE F TR	700 FATHOM DR	SAN MATEO	CA	94404-1008
106720040	PARENTI JULIE	818 WHARFSIDE RD	SAN MATEO	CA	94404-2013
106720060	PFEIFFER DAVID	816 WHARFSIDE RD	SAN MATEO	CA	94404-2013
35522780	QUILICI PETER TR	2206 ARMADA WAY	SAN MATEO	CA	94404-1506
106950150	REED CINDERS W TR	249 VALLEY ST	LOS ALTOS	CA	94022-3719
106950130	REN JIAYI	380 BODEGA STREET	FOSTER CITY	CA	94404-3504
35522750	ROCES CRISTINA SARASOLA TR	884 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522060	ROM GARY S	974 SHOAL DR	SAN MATEO	CA	94404-1511
107050030	ROSANO HENRI L	848 WOODLAND AVENUE	ORADELL	NJ	07649-1432
35522760	ROSE JOHN M TR	888 NEPTUNE CT	SAN MATEO	CA	94404-1536
107040020	ROSOFF GILBERT S TR	2209 ARMADA WAY	SAN MATEO	CA	94404-1533
35522860	ROTTIERS DONALD C & S J TRS	979 BLANDFORD BLVD	REDWOOD CITY	CA	94062-1835
35524230	RUNCHEY STEVEN A TR	995 SHOAL DR	SAN MATEO	CA	94404-1510
35451050	RV VI 777 MARINERS LLC	345 PARK AVE	41ST FLOOR	NY	10016
35452040	SAN MATEO BAY CENTER 1 LLC	260 FRANKLIN ST SUITE 1920	BOSTON	MA	02110-3115
106730010	SANDERS HEATHER TR	801 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106950060	SCHAFFNER RONALD J TR	1630 WEDGEWOOD DR	HILLSBOROUGH	CA	94010-7269
35524280	SCHLICHT RICHARD K TR	95 ROWAN TREE LN	HILLSBOROUGH	CA	94010-6333
106990130	SERENA MARILYN G TR	2291 ARMADA WAY	SAN MATEO	CA	94404-1529
106980110	SETHI ROCHAK TR	2239 ARMADA WY # 8-3	SAN MATEO	CA	94404-1502
35524330	SHALOM AMIR TR	947 SHOAL DR	SAN MATEO	CA	94404-1510

106940040	SHI YUE	2307 ARMADA WAY	SAN MATEO	CA	94404-1527
35522830	STEINMETZ DAVID & JOANNE	2236 ARMADA WAY	SAN MATEO	CA	94404-1506
106720030	STRANGEMORE BRENDA	814 WHARFSIDE RD	SAN MATEO	CA	94404-2013
35522740	SUHR THERESA HEATH	880 NEPTUNE CT	SAN MATEO	CA	94404-1536
106950090	SUNDARARAJAN ASHOK	2325 ARMADA WAY	SAN MATEO	CA	94404-1526
35522690	TAWDE VIVEK B	852 NEPTUNE CT	SAN MATEO	CA	94404-1536
106720240	TAYLOR MEGAN	824 WHARFSIDE RD	SAN MATEO	CA	94404-2014
106730040	THAKKAR MALIKA PASHA	807 WHARFSIDE ROAD	SAN MATEO	CA	94402
106980060	TILLEY JAMES M TR	P O BOX 6064	SAN MATEO	CA	94403-0864
106720090	TOSTADO VICTOR MICHAEL TR	604 MOUNTAIN VIEW AVE	BELMONT	CA	94002-2533
35522050	VANDENBERG STANLEY R & VILMA M	124 PORT ROYAL AVE	FOSTER CITY	CA	94404-3532
106990160	VIERRA LOUISE M TR	2295 ARMADA WAY 12-4	SAN MATEO	CA	94404-1505
35524320	VILLALBA HECTOR BERNARDO	1025 BARROILHET DR	HILLSBOROUGH	CA	94010-6520
106990110	VITORELO KENNETH L TR	2215 RANCH VIEW DR	ROCKLIN	CA	95765-5713
106990010	VORRISSES LANA LADUCA TR	2265 ARMADA WAY	SAN MATEO	CA	94404-1531
106990040	WANG CHELSEA Y	2267 ARMADA WAY	SAN MATEO	CA	94404-1531
107050090	WANG LIAORUO	1100 SHARON PARK DR APT 2	MENLO PARK	CA	94025-7001
35522140	WANG MOXIN	1026 SHOAL DR	SAN MATEO	CA	94404-1513
107050120	WANG YIYUN	2223 ARMADA WY	SAN MATEO	CA	94404-1532
35522120	WANG YUE	1010 SHOAL DR	SAN MATEO	CA	94404-1513
106950010	WEISS EDWARD CHARLES TR	232 SURFBIRD ISLE	FOSTER CITY	CA	94404-1334
35522790	WEST CASEY B	2212 ARMADA WY	SAN MATEO	CA	94404-1506
106980090	WHEAT GLORIA R TR	2233 ARMADA WAY	SAN MATEO	CA	94404-1502
106990140	WHITTAM SIBYLLE J TR	444 ROBLAR AVE	HILLSBOROUGH	CA	94010-6850
35522070	XIA XIA TR	860 MERIDIAN BAY LN #128	FOSTER CITY	CA	94404-4075
106940020	XIN MINJIE	2301 ARMADA WY	SAN MATEO	CA	94404-1527
107040010	XU JIA	2211 ARMADA WAY	SAN MATEO	CA	94404-1533
106950080	YANG HONG	2339 ARMADA WAY	SAN MATEO	CA	94404-1528
107050020	YOUNG FANNY	2257 ARMADA WAY	SAN MATEO	CA	94404-1534
106980080	YOUNG SAMUEL TR	1117 VILLAGE WY	SEBASTOPOL	CA	95472-4830
106940050	ZHANG YONG TR	2311 ARMADA WAY	SAN MATEO	CA	94404-1500
107050040	ZHANG YUN	2263 ARMADA WAY	SAN MATEO	CA	94404-1534
106990030	ZHENG BAOCHAN	2271 ARMADA WAY	SAN MATEO	CA	94404-1531
106940060	ZOU YUMENG	2309 ARMADA WAY	SAN MATEO	CA	94404-1500



DECLARATION OF SERVICE BY MAIL

COMPANY NAME: KIMLEY-HORN
CUSTOMER NAME: TAYLOR BLANFORD
COMPANY ADDRESS: 1300 CLAY ST, STE 325, OAKLAND, CA 94612
SITE: SAN MATEO SITE 195M1
SITE ADDRESS: Nearest Address: 2317 ARMADA WAY, San Mateo, CA 94404

DECLARATION:

I, Sean Wilson, Of, Title Pro Information Systems, do hereby declare that on, JULY 25TH, 2023, I served by mail upon each ☒ OCCUPANT & OWNER WITHIN THE MAILING LIST PROVIDED BY THE CLIENT, of the above-designated premises/subject property area, by depositing in the United States Mail, with postage fully prepaid, copy of the **Notice Correction**, a copy of which is attached hereto, giving the name(s) of the notice giver, site address of the subject property where the business is to be conducted, addressed to the Owner AND/OR Occupant for each of the following addresses: (see attached sheet(s)). (Note: Depending on the noticing requirements, we may have removed Duplicate Property Owners, Owner/Occupants from applicable address lists to prevent multiple notification.)

I declare under the penalty of perjury that the foregoing is true and correct.

Executed at San Diego, California, this 25TH, day of JULY, 2023.



Signature

Notice Correction

July 26, 2023

Applicant: Crown Castle
Taylor Blanford – Permitting Agent
1300 Clay Street, Suite 325, Oakland, CA 94612
Taylor.Blanford@kimley-horn.com
(510) 210-3221

CC: northerncaliforniapubliccomments@crowncastle.com
(925) 701-7210

Dear Property Owner or Resident:

This is a notice correction.

Crown Castle has submitted an application for a small wireless facility to be located in the right-of-way to the City of San Mateo Public Works Department. As part of Crown Castle's application, San Mateo City Municipal Code (SMMC) Section 17.10.050(d) requires that Crown Castle send a notification *"to all property owners and residents within a 500' radius of the proposed project site"* within five (5) calendar days of submission of the application to the City. In compliance with this requirement, the original notice for this site (dated May 9, 2023) was mailed and posted.

This notice correction is to correct the photo simulation for the intended installation location, see below for the original photo simulation and the correct simulation.

Original Photo Simulation of Proposed Facility



Correct Photo Simulation of Proposed Facility



The proposed location of the installation has not changed. This correction is ministerial only so that the photo simulation provided shows the correct pole. Outside of the photo simulation, the information contained in the notice dated May 9, 2023 is accurate. Please continue to refer to that notice for application and comment procedures.

PROPERTY APN	RECIPIENT	ADDRESS	CITY	STATE	ZIP CODE
35524220	THE OCCUPANT	1001 SHOAL DR	SAN MATEO	CA	94404-1512
35524999	THE OCCUPANT	1008 SHOAL DR	SAN MATEO	CA	94404
35522120	THE OCCUPANT	1010 SHOAL DR	SAN MATEO	CA	94404-1513
35522130	THE OCCUPANT	1018 SHOAL DR	SAN MATEO	CA	94404-1513
35522140	THE OCCUPANT	1026 SHOAL DR	SAN MATEO	CA	94404-1513
107050060	THE OCCUPANT	2201 ARMADA WAY	SAN MATEO	CA	94404-1533
107050050	THE OCCUPANT	2203 ARMADA WAY	SAN MATEO	CA	94404-1533
107050070	THE OCCUPANT	2205 ARMADA WAY	SAN MATEO	CA	94404-1533
35522780	THE OCCUPANT	2206 ARMADA WAY	SAN MATEO	CA	94404-1506
107050080	THE OCCUPANT	2207 ARMADA WAY	SAN MATEO	CA	94404-1533
107040020	THE OCCUPANT	2209 ARMADA WAY	SAN MATEO	CA	94404-1533
107040010	THE OCCUPANT	2211 ARMADA WAY	SAN MATEO	CA	94404-1533
35522790	THE OCCUPANT	2212 ARMADA WAY	SAN MATEO	CA	94404-1506
107040040	THE OCCUPANT	2215 ARMADA WAY	SAN MATEO	CA	94404-1559
107050100	THE OCCUPANT	2217 ARMADA WAY	SAN MATEO	CA	94404-1559
35522800	THE OCCUPANT	2218 ARMADA WAY	SAN MATEO	CA	94404-1506
107050090	THE OCCUPANT	2219 ARMADA WAY	SAN MATEO	CA	94404-1532
107050110	THE OCCUPANT	2221 ARMADA WAY	SAN MATEO	CA	94404-1559
107050120	THE OCCUPANT	2223 ARMADA WAY	SAN MATEO	CA	94404-1532
35522810	THE OCCUPANT	2224 ARMADA WAY	SAN MATEO	CA	94404-1506
107040060	THE OCCUPANT	2225 ARMADA WAY	SAN MATEO	CA	94404-1559
107040050	THE OCCUPANT	2227 ARMADA WAY	SAN MATEO	CA	94404-1532
107040070	THE OCCUPANT	2229 ARMADA WAY	SAN MATEO	CA	94404-1559
35522820	THE OCCUPANT	2230 ARMADA WAY	SAN MATEO	CA	94404-1506
107040080	THE OCCUPANT	2231 ARMADA WAY	SAN MATEO	CA	94404-1532
106980090	THE OCCUPANT	2233 ARMADA WAY	SAN MATEO	CA	94404-1502
106980120	THE OCCUPANT	2235 ARMADA WAY	SAN MATEO	CA	94404-1502
35522830	THE OCCUPANT	2236 ARMADA WAY	SAN MATEO	CA	94404-1506
106980100	THE OCCUPANT	2237 ARMADA WAY	SAN MATEO	CA	94404-1502
106980110	THE OCCUPANT	2239 ARMADA WAY	SAN MATEO	CA	94404-1502
106980050	THE OCCUPANT	2241 ARMADA WAY	SAN MATEO	CA	94404-1502
106980080	THE OCCUPANT	2243 ARMADA WAY	SAN MATEO	CA	94404-1502
106980060	THE OCCUPANT	2245 ARMADA WAY	SAN MATEO	CA	94404-1532
106980070	THE OCCUPANT	2247 ARMADA WAY	SAN MATEO	CA	94404-1532
106980010	THE OCCUPANT	2249 ARMADA WAY	SAN MATEO	CA	94404-1532
106980040	THE OCCUPANT	2251 ARMADA WAY	SAN MATEO	CA	94404-1534
106980020	THE OCCUPANT	2253 ARMADA WAY	SAN MATEO	CA	94404-1534
106980030	THE OCCUPANT	2255 ARMADA WAY	SAN MATEO	CA	94404-1534
107050020	THE OCCUPANT	2257 ARMADA WAY	SAN MATEO	CA	94404-1534
107050010	THE OCCUPANT	2259 ARMADA WAY	SAN MATEO	CA	94404-1534
107050030	THE OCCUPANT	2261 ARMADA WAY	SAN MATEO	CA	94404-1534
107050040	THE OCCUPANT	2263 ARMADA WAY	SAN MATEO	CA	94404-1534
106990010	THE OCCUPANT	2265 ARMADA WAY	SAN MATEO	CA	94404-1531
106990040	THE OCCUPANT	2267 ARMADA WAY	SAN MATEO	CA	94404-1531
106990020	THE OCCUPANT	2269 ARMADA WAY	SAN MATEO	CA	94404-1531
106990030	THE OCCUPANT	2271 ARMADA WAY	SAN MATEO	CA	94404-1531
106990050	THE OCCUPANT	2273 ARMADA WAY	SAN MATEO	CA	94404-1531
106990080	THE OCCUPANT	2275 ARMADA WAY	SAN MATEO	CA	94404-1531
106990060	THE OCCUPANT	2277 ARMADA WAY	SAN MATEO	CA	94404-1530
106990070	THE OCCUPANT	2279 ARMADA WAY	SAN MATEO	CA	94404-1530
106990090	THE OCCUPANT	2281 ARMADA WAY	SAN MATEO	CA	94404-1530
106990120	THE OCCUPANT	2283 ARMADA WAY	SAN MATEO	CA	94404-1530
106990100	THE OCCUPANT	2285 ARMADA WAY	SAN MATEO	CA	94404-1529
106990110	THE OCCUPANT	2287 ARMADA WAY	SAN MATEO	CA	94404-1529
106990140	THE OCCUPANT	2289 ARMADA WAY	SAN MATEO	CA	94404-1529
106990130	THE OCCUPANT	2291 ARMADA WAY	SAN MATEO	CA	94404-1529
106990150	THE OCCUPANT	2293 ARMADA WAY	SAN MATEO	CA	94404-1529
106990160	THE OCCUPANT	2295 ARMADA WAY	SAN MATEO	CA	94404-1505
106940020	THE OCCUPANT	2301 ARMADA WAY	SAN MATEO	CA	94404-1527
106940010	THE OCCUPANT	2303 ARMADA WAY	SAN MATEO	CA	94404-1527

106940030	THE OCCUPANT	2305 ARMADA WAY	SAN MATEO	CA	94404-1527
106940040	THE OCCUPANT	2307 ARMADA WAY	SAN MATEO	CA	94404-1527
106940060	THE OCCUPANT	2309 ARMADA WAY	SAN MATEO	CA	94404-1500
106940050	THE OCCUPANT	2311 ARMADA WAY	SAN MATEO	CA	94404-1500
106940070	THE OCCUPANT	2313 ARMADA WAY	SAN MATEO	CA	94404-1500
106940080	THE OCCUPANT	2315 ARMADA WAY	SAN MATEO	CA	94404-1500
106950130	THE OCCUPANT	2317 ARMADA WAY	SAN MATEO	CA	94404-1526
106950160	THE OCCUPANT	2319 ARMADA WAY	SAN MATEO	CA	94404-1526
106950140	THE OCCUPANT	2321 ARMADA WAY	SAN MATEO	CA	94404-1526
106950150	THE OCCUPANT	2323 ARMADA WAY	SAN MATEO	CA	94404-1526
106950090	THE OCCUPANT	2325 ARMADA WAY	SAN MATEO	CA	94404-1526
106950120	THE OCCUPANT	2327 ARMADA WAY	SAN MATEO	CA	94404-1526
106950100	THE OCCUPANT	2329 ARMADA WAY	SAN MATEO	CA	94404-1537
106950110	THE OCCUPANT	2331 ARMADA WAY	SAN MATEO	CA	94404-1537
106950060	THE OCCUPANT	2333 ARMADA WAY	SAN MATEO	CA	94404-1537
106950050	THE OCCUPANT	2335 ARMADA WAY	SAN MATEO	CA	94404-1537
106950070	THE OCCUPANT	2337 ARMADA WAY	SAN MATEO	CA	94404-1535
106950080	THE OCCUPANT	2339 ARMADA WAY	SAN MATEO	CA	94404-1528
106950020	THE OCCUPANT	2341 ARMADA WAY	SAN MATEO	CA	94404-1528
106950010	THE OCCUPANT	2343 ARMADA WAY	SAN MATEO	CA	94404-1528
106950030	THE OCCUPANT	2345 ARMADA WAY	SAN MATEO	CA	94404-1528
106950040	THE OCCUPANT	2347 ARMADA WAY	SAN MATEO	CA	94404-1528
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD	SAN MATEO	CA	94404-5008
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD FL 2	SAN MATEO	CA	94404-5008
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 100	SAN MATEO	CA	94404-1563
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 115	SAN MATEO	CA	94404-1584
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 125	SAN MATEO	CA	94404-1584
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 170	SAN MATEO	CA	94404-1571
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 200	SAN MATEO	CA	94404-5045
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 210	SAN MATEO	CA	94404-5059
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 400	SAN MATEO	CA	94404-5059
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 500	SAN MATEO	CA	94404-5050
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 510	SAN MATEO	CA	94404-5048
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 550	SAN MATEO	CA	94404-5048
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 560	SAN MATEO	CA	94404-5050
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 600	SAN MATEO	CA	94404-5046
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 650	SAN MATEO	CA	94404-5051
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 700	SAN MATEO	CA	94404-1565
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE 750	SAN MATEO	CA	94404-5041
35451050	THE OCCUPANT	777 MARINERS ISLAND BLVD STE CAFE	SAN MATEO	CA	94404-5008
35522998	THE OCCUPANT	800 SEXTANT CT	SAN MATEO	CA	94404-1509
106720120	THE OCCUPANT	800 WHARFSIDE RD	SAN MATEO	CA	94404-2012
106730010	THE OCCUPANT	801 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106720110	THE OCCUPANT	802 WHARFSIDE RD	SAN MATEO	CA	94404-2012
106730020	THE OCCUPANT	803 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106720100	THE OCCUPANT	804 WHARFSIDE RD	SAN MATEO	CA	94404-2012
106730030	THE OCCUPANT	805 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106720080	THE OCCUPANT	806 WHARFSIDE RD	SAN MATEO	CA	94404-2012
106730040	THE OCCUPANT	807 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106720090	THE OCCUPANT	808 WHARFSIDE RD	SAN MATEO	CA	94404-2012
106730050	THE OCCUPANT	809 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106720070	THE OCCUPANT	810 WHARFSIDE RD	SAN MATEO	CA	94404-2012
106730060	THE OCCUPANT	811 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106720050	THE OCCUPANT	812 WHARFSIDE RD	SAN MATEO	CA	94404-2013
106730070	THE OCCUPANT	813 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106720030	THE OCCUPANT	814 WHARFSIDE RD	SAN MATEO	CA	94404-2013
106720060	THE OCCUPANT	816 WHARFSIDE RD	SAN MATEO	CA	94404-2013
106720040	THE OCCUPANT	818 WHARFSIDE RD	SAN MATEO	CA	94404-2013
106720010	THE OCCUPANT	820 WHARFSIDE RD	SAN MATEO	CA	94404-2013
106720020	THE OCCUPANT	822 WHARFSIDE RD	SAN MATEO	CA	94404-2013
106720240	THE OCCUPANT	824 WHARFSIDE RD	SAN MATEO	CA	94404-2014

106720230	THE OCCUPANT	826 WHARFSIDE RD	SAN MATEO	CA	94404-2014
106720220	THE OCCUPANT	828 WHARFSIDE RD	SAN MATEO	CA	94404-2014
106720200	THE OCCUPANT	830 WHARFSIDE RD	SAN MATEO	CA	94404-2014
106720210	THE OCCUPANT	832 WHARFSIDE RD	SAN MATEO	CA	94404-2014
35522680	THE OCCUPANT	846 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522690	THE OCCUPANT	852 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522700	THE OCCUPANT	858 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522710	THE OCCUPANT	866 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522720	THE OCCUPANT	870 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522730	THE OCCUPANT	874 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522740	THE OCCUPANT	880 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522750	THE OCCUPANT	884 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522760	THE OCCUPANT	888 NEPTUNE CT	SAN MATEO	CA	94404-1536
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 105	SAN MATEO	CA	94404-1593
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 125	SAN MATEO	CA	94404-5024
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 135	SAN MATEO	CA	94404-1593
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 165	SAN MATEO	CA	94404-1593
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 170	SAN MATEO	CA	94404-1593
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 175	SAN MATEO	CA	94404-1592
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 185	SAN MATEO	CA	94404-5024
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 205	SAN MATEO	CA	94404-1592
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 245	SAN MATEO	CA	94404-1592
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 300	SAN MATEO	CA	94404-5025
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 305	SAN MATEO	CA	94404-1593
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 325	SAN MATEO	CA	94404-1593
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 365	SAN MATEO	CA	94404-1593
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 375	SAN MATEO	CA	94404-5024
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 380	SAN MATEO	CA	94404-5085
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 400	SAN MATEO	CA	94404-5042
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 425	SAN MATEO	CA	94404-1592
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 465	SAN MATEO	CA	94404-1592
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 475	SAN MATEO	CA	94404-5026
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 525	SAN MATEO	CA	94404-5037
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 535	SAN MATEO	CA	94404-5026
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 545	SAN MATEO	CA	94404-5026
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 555	SAN MATEO	CA	94404-1594
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 565	SAN MATEO	CA	94404-1594
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 575	SAN MATEO	CA	94404-1594
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 585	SAN MATEO	CA	94404-5037
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 595	SAN MATEO	CA	94404-1594
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 600	SAN MATEO	CA	94404-5035
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 610	SAN MATEO	CA	94404-5035
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 620	SAN MATEO	CA	94404-5035
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 625	SAN MATEO	CA	94404-1577
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 700	SAN MATEO	CA	94404-5035
35452040	THE OCCUPANT	901 MARINERS ISLAND BLVD STE 725	SAN MATEO	CA	94404-5052
35522840	THE OCCUPANT	904 SHOAL DR	SAN MATEO	CA	94404-1511
35522850	THE OCCUPANT	908 SHOAL DR	SAN MATEO	CA	94404-1511
35522860	THE OCCUPANT	912 SHOAL DR	SAN MATEO	CA	94404-1511
35522010	THE OCCUPANT	916 SHOAL DR	SAN MATEO	CA	94404-1511
35522020	THE OCCUPANT	924 SHOAL DR	SAN MATEO	CA	94404-1511
35522030	THE OCCUPANT	928 SHOAL DR	SAN MATEO	CA	94404-1511
35522040	THE OCCUPANT	932 SHOAL DR	SAN MATEO	CA	94404-1511
35522050	THE OCCUPANT	936 SHOAL DR	SAN MATEO	CA	94404-1511
35524350	THE OCCUPANT	939 SHOAL DR	SAN MATEO	CA	94404-1510
35524340	THE OCCUPANT	943 SHOAL DR	SAN MATEO	CA	94404-1510
35524330	THE OCCUPANT	947 SHOAL DR	SAN MATEO	CA	94404-1510
35524320	THE OCCUPANT	951 SHOAL DR	SAN MATEO	CA	94404-1510
35524310	THE OCCUPANT	955 SHOAL DR	SAN MATEO	CA	94404-1510
35524300	THE OCCUPANT	959 SHOAL DR	SAN MATEO	CA	94404-1510
35524290	THE OCCUPANT	963 SHOAL DR	SAN MATEO	CA	94404-1510

35524280	THE OCCUPANT	967 SHOAL DR	SAN MATEO	CA	94404-1510
35524270	THE OCCUPANT	971 SHOAL DR	SAN MATEO	CA	94404-1510
35522060	THE OCCUPANT	974 SHOAL DR	SAN MATEO	CA	94404-1511
35522070	THE OCCUPANT	978 SHOAL DR	SAN MATEO	CA	94404-1511
35524997	THE OCCUPANT	979 SHOAL DR	SAN MATEO	CA	94404
35522080	THE OCCUPANT	982 SHOAL DR	SAN MATEO	CA	94404-1511
35524260	THE OCCUPANT	983 SHOAL DR	SAN MATEO	CA	94404-1510
35522090	THE OCCUPANT	986 SHOAL DR	SAN MATEO	CA	94404-1511
35524250	THE OCCUPANT	987 SHOAL DR	SAN MATEO	CA	94404-1510
35522100	THE OCCUPANT	990 SHOAL DR	SAN MATEO	CA	94404-1511
35524240	THE OCCUPANT	991 SHOAL DR	SAN MATEO	CA	94404-1510
35522110	THE OCCUPANT	994 SHOAL DR	SAN MATEO	CA	94404-1511
35524230	THE OCCUPANT	995 SHOAL DR	SAN MATEO	CA	94404-1510
106980120	AL-SAYAH MOHAMMAD	2235 ARMADA WAY	SAN MATEO	CA	94404-4033
106980070	ARANA LORRIE D	2247 ARMADA WAY	SAN MATEO	CA	94404-1532
106990050	ARBIZU MARGARITA TR	2273 ARMADA WAY	SAN MATEO	CA	94404-1531
106950030	BANERJEE KUSHAL	2345 ARMADA WAY	SAN MATEO	CA	94404-1528
106720230	BARBER LUCILLE	826 WHARFSIDE RD	SAN MATEO	CA	94404-2014
106730050	BEKINS LOUISE R	809 WHARFSIDE RD	SAN MATEO	CA	94404-2009
107050070	BISHARA WAHEB	2205 ARMADA WAY	SAN MATEO	CA	94404-1533
106950100	BODISCO ALEXIS J	2329 ARMADA WY	SAN MATEO	CA	94404-1537
35522730	BRAYLOVSKIY MICHAEL TR	874 NEPTUNE CT	SAN MATEO	CA	94404-1536
106950020	BREEN STEVE E	2341 ARMADA WAY	SAN MATEO	CA	94404-1528
106940080	CACCIA SANTE TR	308 MYRTLE ST	REDWOOD CITY	CA	94062-2243
35522710	CALABRETTA IRMA ANN TR	7 WAKEFIELD CT	BELMONT	CA	94002-2929
107040060	CARLEY WILLIAM PATRICK TR	2225 ARMADA WAY	SAN MATEO	CA	94404-1559
106720070	CASEY ROBERT F JR TR	P O BOX 4	LA HONDA	CA	94020-0004
106990070	CATINELLA LEONARD	2279 ARMADA WAY	SAN MATEO	CA	94404-1530
35524350	CHAICHIAN YASHAAR	939 SHOAL DR	SAN MATEO	CA	94404-1510
35524240	CHAPMAN DAREL ROBERT	991 SHOAL DR	SAN MATEO	CA	94404-1510
106990090	CHARD JOSEPHINE ANN TR	2281 ARMADA WAY	SAN MATEO	CA	94404-1530
106980010	CHENG BECKER	2249 ARMADA WAY	SAN MATEO	CA	94404-1532
106730060	CHI KENNETH	811 WHARFSIDE RD	SAN MATEO	CA	94404-2009
35522720	CONDON CHARLES A	870 NEPTUNE CT	SAN MATEO	CA	94404-1536
106980040	CORNWALL MICHAEL TR	2251 ARMADA WAY	SAN MATEO	CA	94404-1534
35522130	COSTANTINO FRANCESCA P TR	1018 SHOAL DR	SAN MATEO	CA	94404-1513
106950160	CUTSINGER JAMES B & PEARL A TRS	2319 ARMADA WAY	SAN MATEO	CA	94404-1526
106720080	DACOSTA MICHAEL	806 WHARFSIDE RD	SAN MATEO	CA	94404-2012
35522110	DAVIS CATHERINE CAUSEY	492 ELEANOR CT	WALNUT CREEK	CA	94597-6810
35522820	DAYA GABRIEL	2230 ARMADA WAY	SAN MATEO	CA	94404-1506
106940030	DEROSSO GABRIELE	2305 ARMADA WAY	SAN MATEO	CA	94404-1527
35522010	DESMARAIS THOMAS D	PO BOX 25177	SAN MATEO	CA	94402-5177
106980030	DIFRUSCIO RAYMOND J TR	PO BOX 4097	FOSTER CITY	CA	94404-0097
106950120	DOHERTY SARA BETH	2327 ARMADA WY	SAN MATEO	CA	94404-1526
106990060	EDICK MELISSA A GONZALEZ	2277 ARMADA WAY	SAN MATEO	CA	94404-1530
106730030	ESPOSTO AMY M	805 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106730020	ESPOSTO JENNIFER LYNN	803 WHARFSIDE RD	SAN MATEO	CA	94404-2009
35522840	FALLAH FARSHID H	904 SHOAL DR	SAN MATEO	CA	94404-1511
106720100	FAUST MARCUS A	804 WHARFSIDE RD	SAN MATEO	CA	94404-2012
35524250	FAWZI PETER R TR	987 SHOAL DR	SAN MATEO	CA	94404-1510
106720050	FEINBERG HEIDI M	812 WHARFSIDE RD	SAN MATEO	CA	94404-2013
35524270	FINN CANDACE	46 MAUJER ST #4	BROOKLYN	NY	11206-7676
106720220	FINNEY MATTHEW	828 WHARFSIDE RD	SAN MATEO	CA	94404-2014
35522020	FONG BRIAN DANIEL TR	924 SHOAL DRIVE	SAN MATEO	CA	94404-1511
35524260	FURCI NICK	983 SHOAL DR	SAN MATEO	CA	94404-1510
35524290	GONZALEZ SONIA A	963 SHOAL DR	SAN MATEO	CA	94404-1510
35522700	GRAND BONITA S TR	858 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522100	GRANT LAURETTE O TR	990 SHOAL DR	SAN MATEO	CA	94404-1511
106950050	GUERRERO RAUL J TR	793 N ONTARE RD	SANTA BARBARA	CA	93105-2544
107050050	GUTIERREZ YOLANDA M TR	2203 ARMADA WY	SAN MATEO	CA	94404-1533
35524310	HALL EMILY T TR	955 SHOAL DR	SAN MATEO	CA	94404-1510

106720020	HARLOW KATE TR	822 WHARFSIDE RD	SAN MATEO	CA	94404-2013
107040080	HAYES ROSEMARY	2231 ARMADA WAY	FOSTER CITY	CA	94404-1532
106990100	HE HONG	2285 ARMADA WAY	SAN MATEO	CA	94404-1529
106990020	HE XUEWEI	2269 ARMADA WY	SAN MATEO	CA	94404-1531
106730070	HE YIYA	813 WHARFSIDE RD	SAN MATEO	CA	94404-2009
35522850	HERREN LAURA JANE TR	908 SHOAL DR	SAN MATEO	CA	94404-1511
107050100	HOJJATNIA AMIR	2217 ARMADA WAY	SAN MATEO	CA	94404-1559
106990150	HONG YAN	2293 ARMADA WAY	SAN MATEO	CA	94404-1529
106980050	HU BO	2241 ARMADA WAY	SAN MATEO	CA	94404-1502
107040070	JAIN NAMIT	2229 ARMADA WAY	SAN MATEO	CA	94404-1559
106980020	JONES CLABURN NIVEN TR	8103 E FOOTHILLS DR	SCOTTSDALE	AZ	85255-4945
106950040	KENNEDY ALLAN S	2347 ARMADA WAY	SAN MATEO	CA	94404-1528
35522810	KOHNKE JOHN DAVID TR	2224 ARMADA WAY	SAN MATEO	CA	94404-1506
106950140	KOMATSU MARY E	2321 ARMADA WAY	SAN MATEO	CA	94404-1526
106720120	KONG KOON WAI	800 WHARFSIDE ROAD	SAN MATEO	CA	94404-2012
35522080	KOSIKOV MIKHAIL	982 SHOAL DR	SAN MATEO	CA	94404-1511
35524300	KRANZ EDWARD RICHARD	959 SHOAL DR	SAN MATEO	CA	94404-1510
106980100	KRUSE HOLGER	2237 ARMADA WAY	SAN MATEO	CA	94404-1502
35522680	KULKARNI ROHIT	846 NEPTUNE CT	SAN MATEO	CA	94404-1536
107040040	KURNELLAS MICHAEL	2215 ARMADA WY	SAN MATEO	CA	94404-1559
107050010	LE JIAN	2259 ARMADA WAY	SAN MATEO	CA	94404-1534
106720200	LEE JUDY GIBLIN TR	830 WHARFSIDE RD	SAN MATEO	CA	94404-2014
106990120	LEE JUSTIN Y	2283 ARMADA WAY	SAN MATEO	CA	94404-1530
107040050	LEE SUK WAN TR	10 SAN SOVINO	NEWPORT COAST	CA	92657-1313
35522800	LEUNG EUGENE	2218 ARMADA WAY	SAN MATEO	CA	94404-1506
107050110	LIN WEN-JU	2221 ARMADA WAY #53	SAN MATEO	CA	94404-1559
35522030	LOW PEK YONG	928 SHOAL DR	SAN MATEO	CA	94404-1511
106990080	MACDONALD MARY CLARISSA TR	2275 ARMADA WY	SAN MATEO	CA	94404-1531
106720110	MARSHALL MELODY M TR	802 WHARFSIDE RD	SAN MATEO	CA	94404-2012
106940070	MCLAUGHLIN MICHELE TR	2313 ARMADA WAY	SAN MATEO	CA	94404-1500
106720010	MELLOR GENE E & SANDRA L TRS	930 TAHOE BLVD #802-159	INCLINE VILLAGE	NV	89451-9451
107050060	MEMARI TAYBEH GHAFARI TR	2201 ARMADA WAY	SAN MATEO	CA	94404-1533
106720210	MILLER PAUL	832 WHARFSIDE RD	SAN MATEO	CA	94404-2014
35522040	MONTEZUMA JAIRO	932 SHOAL DR	SAN MATEO	CA	94404-1511
107050080	MORIMUNE SCOTT K	2207 ARMADA WAY	SAN MATEO	CA	94404-1533
106940010	MURIN CAROL A	2303 ARMADA WAY	SAN MATEO	CA	94404-1527
106950070	MURPHY DEBRA J TR	1754 KELLY ST	SAN MATEO	CA	94403-1019
35524220	NICK BRYAN A TR	PO BOX 141	COURTLAND	CA	95615-0141
35524340	O'HARA SHAYDA ALAGHEMAND	943 SHOAL DR	SAN MATEO	CA	94404-1510
35522090	OSULLIVAN CHRISTOPHER L TR	986 SHOAL DR	SAN MATEO	CA	94404-1511
106950110	OSULLIVAN LAURENCE F TR	700 FATHOM DR	SAN MATEO	CA	94404-1008
106720040	PARENTI JULIE	818 WHARFSIDE RD	SAN MATEO	CA	94404-2013
106720060	PFEIFFER DAVID	816 WHARFSIDE RD	SAN MATEO	CA	94404-2013
35522780	QUILICI PETER TR	2206 ARMADA WAY	SAN MATEO	CA	94404-1506
106950150	REED CINDERS W TR	249 VALLEY ST	LOS ALTOS	CA	94022-3719
106950130	REN JIAYI	380 BODEGA STREET	FOSTER CITY	CA	94404-3504
35522750	ROCES CRISTINA SARASOLA TR	884 NEPTUNE CT	SAN MATEO	CA	94404-1536
35522060	ROM GARY S	974 SHOAL DR	SAN MATEO	CA	94404-1511
107050030	ROSANO HENRI L	848 WOODLAND AVENUE	ORADELL	NJ	07649-1432
35522760	ROSE JOHN M TR	888 NEPTUNE CT	SAN MATEO	CA	94404-1536
107040020	ROSOFF GILBERT S TR	2209 ARMADA WAY	SAN MATEO	CA	94404-1533
35522860	ROTTIERS DONALD C & S J TRS	979 BLANDFORD BLVD	REDWOOD CITY	CA	94062-1835
35524230	RUNCHEY STEVEN A TR	995 SHOAL DR	SAN MATEO	CA	94404-1510
35451050	RV VI 777 MARINERS LLC	345 PARK AVE	41ST FLOOR	NY	10016
35452040	SAN MATEO BAY CENTER 1 LLC	260 FRANKLIN ST SUITE 1920	BOSTON	MA	02110-3115
106730010	SANDERS HEATHER TR	801 WHARFSIDE RD	SAN MATEO	CA	94404-2009
106950060	SCHAFFNER RONALD J TR	1630 WEDGEWOOD DR	HILLSBOROUGH	CA	94010-7269
35524280	SCHLICHT RICHARD K TR	95 ROWAN TREE LN	HILLSBOROUGH	CA	94010-6333
106990130	SERENA MARILYN G TR	2291 ARMADA WAY	SAN MATEO	CA	94404-1529
106980110	SETHI ROCHAK TR	2239 ARMADA WY # 8-3	SAN MATEO	CA	94404-1502
35524330	SHALOM AMIR TR	947 SHOAL DR	SAN MATEO	CA	94404-1510

106940040	SHI YUE	2307 ARMADA WAY	SAN MATEO	CA	94404-1527
35522830	STEINMETZ DAVID & JOANNE	2236 ARMADA WAY	SAN MATEO	CA	94404-1506
106720030	STRANGEMORE BRENDA	814 WHARFSIDE RD	SAN MATEO	CA	94404-2013
35522740	SUHR THERESA HEATH	880 NEPTUNE CT	SAN MATEO	CA	94404-1536
106950090	SUNDARARAJAN ASHOK	2325 ARMADA WAY	SAN MATEO	CA	94404-1526
35522690	TAWDE VIVEK B	852 NEPTUNE CT	SAN MATEO	CA	94404-1536
106720240	TAYLOR MEGAN	824 WHARFSIDE RD	SAN MATEO	CA	94404-2014
106730040	THAKKAR MALIKA PASHA	807 WHARFSIDE ROAD	SAN MATEO	CA	94402
106980060	TILLEY JAMES M TR	P O BOX 6064	SAN MATEO	CA	94403-0864
106720090	TOSTADO VICTOR MICHAEL TR	604 MOUNTAIN VIEW AVE	BELMONT	CA	94002-2533
35522050	VANDENBERG STANLEY R & VILMA M	124 PORT ROYAL AVE	FOSTER CITY	CA	94404-3532
106990160	VIERRA LOUISE M TR	2295 ARMADA WAY 12-4	SAN MATEO	CA	94404-1505
35524320	VILLALBA HECTOR BERNARDO	1025 BARROILHET DR	HILLSBOROUGH	CA	94010-6520
106990110	VITORELO KENNETH L TR	2215 RANCH VIEW DR	ROCKLIN	CA	95765-5713
106990010	VORRIS LANA LADUCA TR	2265 ARMADA WAY	SAN MATEO	CA	94404-1531
106990040	WANG CHELSEA Y	2267 ARMADA WAY	SAN MATEO	CA	94404-1531
107050090	WANG LIAORUO	1100 SHARON PARK DR APT 2	MENLO PARK	CA	94025-7001
35522140	WANG MOXIN	1026 SHOAL DR	SAN MATEO	CA	94404-1513
107050120	WANG YIYUN	2223 ARMADA WY	SAN MATEO	CA	94404-1532
35522120	WANG YUE	1010 SHOAL DR	SAN MATEO	CA	94404-1513
106950010	WEISS EDWARD CHARLES TR	232 SURFBIRD ISLE	FOSTER CITY	CA	94404-1334
35522790	WEST CASEY B	2212 ARMADA WY	SAN MATEO	CA	94404-1506
106980090	WHEAT GLORIA R TR	2233 ARMADA WAY	SAN MATEO	CA	94404-1502
106990140	WHITTAM SIBYLLE J TR	444 ROBLAR AVE	HILLSBOROUGH	CA	94010-6850
35522070	XIA XIA TR	860 MERIDIAN BAY LN #128	FOSTER CITY	CA	94404-4075
106940020	XIN MINJIE	2301 ARMADA WY	SAN MATEO	CA	94404-1527
107040010	XU JIA	2211 ARMADA WAY	SAN MATEO	CA	94404-1533
106950080	YANG HONG	2339 ARMADA WAY	SAN MATEO	CA	94404-1528
107050020	YOUNG FANNY	2257 ARMADA WAY	SAN MATEO	CA	94404-1534
106980080	YOUNG SAMUEL TR	1117 VILLAGE WY	SEBASTOPOL	CA	95472-4830
106940050	ZHANG YONG TR	2311 ARMADA WAY	SAN MATEO	CA	94404-1500
107050040	ZHANG YUN	2263 ARMADA WAY	SAN MATEO	CA	94404-1534
106990030	ZHENG BAOCHAN	2271 ARMADA WAY	SAN MATEO	CA	94404-1531
106940060	ZOU YUMENG	2309 ARMADA WAY	SAN MATEO	CA	94404-1500

Log of Comments

Name	Address	Comment Date	Comment	Response Date	Response
Mary Komatsu	2321 Armada Way	5/19/2023	<p>On May 17, 2023 I received a notice from Crown Castle indicating they have applied for a 5G wireless installation near my home. The letter was dated May 9, 2023 and the postmark of the letter was May 16, 2023.</p> <p>Their claim is that this location is the “least intrusive location” that meets their needs. I feel this is an intrusive location as it represents the single major ingress and egress to the entire neighborhood comprised of multi unit condominiums and other attached housing. It is a highly visible and heavily traffic area both by car and foot and the light pole in question is seen by many people both from the street and from their windows.</p> <p>In addition it is only a few feet away from the outdoor tennis courts and recreation facility owned by the Harbortown HOA.</p> <p>It is my understanding that the ordinance in San Mateo identifies residential and park areas as the “least desirable” location for such cellular facilities.</p> <p>We will be protesting this application and need time to notify the Board of Directors for both Harbortown and Las Casitas, the two condominium associations immediately next to the proposed facility.</p> <p>There are an ample number of other nearby locations, away from our residential housing. This facility is more appropriately located near the many commercial buildings in the area.</p> <p>I would like to know the exact date that Crown Castle submitted their application to the City of San Mateo. Can you please assist me with this exact date?</p>	5/22/2023	<p>The application for a proposed small wireless facility near 2317 Armada Way (WC-2023-000136) is currently under review and a decision has not been made. The application was submitted to the City of San Mateo on May 9, 2023. Your comment has been received and will be included in the public comment log associated with the application.</p> <p>In compliance with the City of San Mateo “2021 Design Standards, Application Requirements, Conditions of Approval for Wireless Facilities in the Public Right-of-Way.”, a report called an Alternate Site Analysis has been submitted as part of the application to show and analyze for suitability neighboring pole locations within 500’ of the proposed small wireless facility location. This report will be made available to the public by the City of San Mateo per the notice of decision process outlined in the notice of application for the site.</p> <p>Should you like to file an appeal, once a decision has been posted residents or property owners within 500 feet of the project site may file an appeal in accordance with the City of San Mateo Municipal Code Section 17.10.070. If you are interested in receiving email notifications when decisions are posted online, please sign up for notifications on the City’s Small Cell Infrastructure website https://www.cityofsanmateo.org/3865/Small-Cell-Infrastructure. The specific list you will want to sign up for is "Public Works - Small Cell Infrastructure." Appeals must be filed with the Secretary of the Sustainability and Infrastructure Commission within five (5) calendar days following the Director’s decision. Appeals must identify specific findings from the municipal code or design standards that were not met. The item will then be scheduled for the next available Sustainability & Infrastructure Commission meeting where appellants will be required to attend the public hearing.</p> <p>Once a decision has been posted online, appeals can be filed: By email to: rbrunmeier@cityofsanmateo.org With the subject line: Wireless Permit Protest Or by mail to: Secretary of the Sustainability and Infrastructure Commission City of San Mateo 330 W. 20th Avenue San Mateo, CA 94403</p>

1
0
4
2



Application Submittal for Wireless Facility

City of San Mateo
Crown Castle
10000 S. Elgin Road
San Mateo, CA 94401
Tel: 650.353.1234
Fax: 650.353.1235
Email: info@cccastle.com

Use Property Owner or Resident:
Crown Castle has submitted an application for a small wireless facility to be located in the right-of-way in the City of San Mateo. The facility is located at the intersection of Elgin Road and S. Elgin Road. The facility is a small wireless facility that will be used to provide wireless service to the public. The facility is a small wireless facility that will be used to provide wireless service to the public. The facility is a small wireless facility that will be used to provide wireless service to the public.

Use Property Owner or Resident:
Crown Castle has submitted an application for a small wireless facility to be located in the right-of-way in the City of San Mateo. The facility is located at the intersection of Elgin Road and S. Elgin Road. The facility is a small wireless facility that will be used to provide wireless service to the public. The facility is a small wireless facility that will be used to provide wireless service to the public. The facility is a small wireless facility that will be used to provide wireless service to the public.

Use Property Owner or Resident:
Crown Castle has submitted an application for a small wireless facility to be located in the right-of-way in the City of San Mateo. The facility is located at the intersection of Elgin Road and S. Elgin Road. The facility is a small wireless facility that will be used to provide wireless service to the public. The facility is a small wireless facility that will be used to provide wireless service to the public. The facility is a small wireless facility that will be used to provide wireless service to the public.



Comments Regarding Compliance with the DMAC and corresponding Design Standards, should be directed to the City of San Mateo:
City of San Mateo
Attn: Public Works - Permitting Division
PO Box 340000
San Mateo, CA 94403
Tel: 650.353.1234
Fax: 650.353.1235
Email: info@cityofsanmateo.org

Notice of the public hearing on the application for the wireless facility shall be given to the public at least 15 days prior to the hearing. The public hearing shall be held at the City of San Mateo, 10000 S. Elgin Road, San Mateo, CA 94401.

Comments Regarding Compliance with the DMAC and corresponding Design Standards, should be directed to the City of San Mateo:
City of San Mateo
Attn: Public Works - Permitting Division
PO Box 340000
San Mateo, CA 94403
Tel: 650.353.1234
Fax: 650.353.1235
Email: info@cityofsanmateo.org

Comments Regarding Compliance with the DMAC and corresponding Design Standards, should be directed to the City of San Mateo:
City of San Mateo
Attn: Public Works - Permitting Division
PO Box 340000
San Mateo, CA 94403
Tel: 650.353.1234
Fax: 650.353.1235
Email: info@cityofsanmateo.org

Comments Regarding Compliance with the DMAC and corresponding Design Standards, should be directed to the City of San Mateo:
City of San Mateo
Attn: Public Works - Permitting Division
PO Box 340000
San Mateo, CA 94403
Tel: 650.353.1234
Fax: 650.353.1235
Email: info@cityofsanmateo.org

Comments Regarding Compliance with the DMAC and corresponding Design Standards, should be directed to the City of San Mateo:
City of San Mateo
Attn: Public Works - Permitting Division
PO Box 340000
San Mateo, CA 94403
Tel: 650.353.1234
Fax: 650.353.1235
Email: info@cityofsanmateo.org

Comments Regarding Compliance with the DMAC and corresponding Design Standards, should be directed to the City of San Mateo:
City of San Mateo
Attn: Public Works - Permitting Division
PO Box 340000
San Mateo, CA 94403
Tel: 650.353.1234
Fax: 650.353.1235
Email: info@cityofsanmateo.org

Comments Regarding Compliance with the DMAC and corresponding Design Standards, should be directed to the City of San Mateo:
City of San Mateo
Attn: Public Works - Permitting Division
PO Box 340000
San Mateo, CA 94403
Tel: 650.353.1234
Fax: 650.353.1235
Email: info@cityofsanmateo.org

Comments Regarding Compliance with the DMAC and corresponding Design Standards, should be directed to the City of San Mateo:
City of San Mateo
Attn: Public Works - Permitting Division
PO Box 340000
San Mateo, CA 94403
Tel: 650.353.1234
Fax: 650.353.1235
Email: info@cityofsanmateo.org



Crown Castle
One Park Place
Suite 300
Dublin, CA 94568

Application Submittal for Wireless Facility

May 8, 2023

Applicant: Crown Castle
Taylor Barford - Permitting Agent
1330 Oak Street, Suite 300, Oakland, CA 94612
Taylor.Barford@karmley-horn.com
(916) 750-3257
CC: ccrh@californiapubliccomments.com
(925) 701-7210

Dear Property Owner or Resident:

Crown Castle has submitted an application for a small wireless facility to be located in the right-of-way to the City of San Mateo Public Works Department. As part of Crown Castle's application, San Mateo City Municipal Code (SMC) Section 17.15.020 requires that we send a notification to all property owners and residents within a 500' radius of the proposed project site within five (5) calendar days of submission of the application to the City.

A "small wireless facility" is a low-powered, compact device used to provide wireless cellular service. The proposed small wireless facility would be installed at the location below:

Location: Nearest Address: 2317 ARMADEA WAY, San Mateo, CA 94404

The tower was identified as the least intrusive location that meets specific wireless network coverage needs. To the extent the facility is proposed to be placed on an existing streetlight pole as shown on the last page of this notice, the small wireless facility will not require installation of any street-level equipment, such as data cabinets or network power pedestals. If the application is approved by the City of San Mateo, installation is anticipated to begin in late 2023.

For information on the equipment or technical aspects of this installation, contact the Applicant listed at the top of this notice. Comments regarding aspects of the project other than radio frequency emissions, aesthetics, or safety for vehicles may be submitted to the Applicant within thirty (30) calendar days of this notice. May 8, 2023. Comments may be submitted via mail or email to the addresses listed for the Applicant.

Comments related to the safety of radio frequency emissions should be directed to the Federal Communications Commission (FCC) Office of Engineering and Technology located at 445 12th St SW, Washington, DC 20544. The FCC may also be reached at 1 (888) CALL-FCC. The FCC does not allow appeals when based solely on environmental effects from radio frequency emissions that are compliant with applicable FCC regulations and standards.

Consistent with US Code Title 47 section 332(c)(7)(B)(iv), local governments may not prohibit or have the effect of prohibiting the provision of cellular services in the municipalities they govern.

The City of San Mateo has adopted design guidelines to guide infrastructure companies in the siting of small wireless facilities. The City of San Mateo has done so and these guidelines are codified in the City Design Standards, Application Requirements, Conditions of Approval for Wireless Facilities in the Public Right-of-Way, available at the following website:

<https://www.sanmateocalifornia.org/2065/Small-Cell-Infrastructure>

Page 1 of 2

The pictures to the right.



Crown Castle
One Park Place
Suite 300
Dublin, CA 94568

Comments regarding compliance with the SMMC and corresponding Design Standards, should be emailed or mailed to the San Mateo Address listed below.

Comments Address: City of San Mateo
Attn: Public Works - Permitting Division
RG Wireless Comments
2317 W. 20th Ave., San Mateo, CA 94403
Email: publicworkscomments@cityofsanmateo.org

Notice of the public interested in receiving information on application decisions should sign up for comments on the Small Cell Infrastructure website available at the following website, at no additional charge or fee:

<https://www.sanmateocalifornia.org/2065/Small-Cell-Infrastructure>

Comments regarding this project may be appealed within five (5) calendar days of the issuance of the Notice of Decision by the City of San Mateo. Only persons who are the property owner or resident within 500' of the project site may appeal the decision by the City to approve or deny an application for a wireless permit.

Appeals may be made by filing a protest with the Secretary of the Sustainability and Infrastructure Commission. The Secretary of the Sustainability and Infrastructure Commission, Ryan Brummer, Assistant Engineer, City of San Mateo, 2317 W. 20th Avenue, San Mateo, CA 94403 or emailed to rbrummer@cityofsanmateo.org. If the protest is not received by the City of San Mateo before the five (5) day deadline, it will not be considered.

Small wireless facility on environmental effects from radio frequency emissions that are compliant with applicable FCC regulations and guidelines are not allowed by federal law. Anyone submitting a protest is responsible for attending the SAC meeting when the protest is argued.

Location of Proposed Facility



Photo Simulation of Proposed Facility



Page 1 of 2

The pictures to the right.
CrownCastle.com



1
0
1
3
A



Application Submittal for Wireless Facility

May 9, 2023

Applicant: Crown Castle
Taylor Barford - Permitting Agent
1200 Clay Street, Suite 325, Oakland, CA 94612
tbarford@crowncastle.com
(510) 210-3221
cc_permitting@publiccomments@crowncastle.com
(510) 210-3221

Dear Property Owner or Resident:

Crown Castle has submitted an application for a small wireless facility to be located in the right-of-way to the City of San Mateo Public Works Department. As part of Crown Castle's application, San Mateo City Manager's Office (CMO) Section 11.5.2(b)(3) requires that we send a notification to property owners and residents within a 300-foot radius of the proposed project site within five (5) calendar days of submittal of the application to the City. The small wireless facility would be installed at the location below:

Location: Nearest Address: 2317 ARMADA WAY, San Mateo, CA 94404

The facility is proposed to be placed on an existing structure pole as shown on the first page of the application. The small wireless facility will not require installation of any ground-mounted equipment, such as any towers or other structures. If the application is approved by the City of San Mateo, installation is anticipated to begin by 2023.

For information on the equipment or technical aspects of this installation, contact the Applicant at the top of the page. Comments regarding aspects of the project other than radio frequency emissions, aesthetics, or safety for utilities may be submitted to the Applicant within thirty (30) calendar days of the notice, May 9, 2023. Comments may be submitted via email or mail to the addresses listed for the Applicant.

Comments related to the safety of radio frequency emissions should be directed to the Federal Communications Commission (FCC) Office of Engineering and Technology located at 4401 12th St NW, Washington, DC 20541. The FCC may also be reached at 1-888-CALL-FCC. The FCC does not allow appeals when based solely on environmental effects from radio frequency emissions that are consistent with applicable FCC regulations and policies.

Pursuant to US Code Title 47 section 332(c)(7)(B)(i)(I), local governments may not prohibit or have the effect of prohibiting the provision of cellular services in the municipalities they govern.

FCC rules do not affect local governments to adopt design guidelines to guide infrastructure companies in the aesthetic design of their facilities. The City of San Mateo has done so and these guidelines are available at: <https://www.sanmateocalifornia.org/2005/Small-Cell-Infrastructure>

See <https://www.sanmateocalifornia.org/2005/Small-Cell-Infrastructure>



Comments regarding compliance with the SMAC and corresponding Design Standards, should be emailed to the City of San Mateo at: permitting@sanmateocalifornia.org

Comments Address:

City of San Mateo
Attn: Public Works - Permitting Division
100 Wireless Comments
100 W. 20th Ave., San Mateo, CA 94403
Email: permitting@sanmateocalifornia.org

Responses of the public to comments on applications for wireless facilities should also be made available on the Small-Cell Infrastructure website available at the following website, as an addendum to the application.

See <https://www.sanmateocalifornia.org/2005/Small-Cell-Infrastructure>

Decisions regarding the project may be appealed with in five (5) calendar days of the issuance of the Notice of Decision that will be posted on the website listed above. Appeals may be made in accordance with SMAC Section 11.5.2(b)(3). City residents who are the property owner or resident within 300' of the project site may appeal the decision to the Director to approve or deny an application for a wireless permit.

Appeals can be made by filing a protest with the Secretary of the Sustainability and Infrastructure Commission (SIC) within five (5) calendar days of the issuance of the Notice of Decision. Protests can be filed with Council at San Mateo, 200 W. 20th Avenue, San Mateo, CA 94403 or emailed to secretary@sanmateocalifornia.org. Protests must be received and be before the five (5) days or it will not be considered.

Protests based solely on environmental effects from radio frequency emissions that are compliant with applicable FCC regulations and guidelines are not allowed for judicial review. Anyone submitting a protest is encouraged to attend the SIC meeting when the protest is adjudicated.

Location of Proposed Facility



Page 1 of 2



The gateway to possible
communications

Prior Permits and Approvals



**One Verizon Way
Basking Ridge, NJ 07920**

VERIZON COMMUNICATIONS INC.

ASSISTANT SECRETARY'S CERTIFICATE

I, Brandon N. Egren, do hereby certify that I am a duly elected, qualified and acting Assistant Secretary of Verizon Communications Inc., a Delaware corporation ("Verizon"), and as such I am authorized to execute this certificate. In such capacity, I further certify that:

Verizon Wireless Network Procurement LP ("VZW Network") is a Delaware limited partnership and is indirectly wholly owned by Verizon.

Cellco Partnership ("Cellco") is a Delaware general partnership and is indirectly wholly owned by Verizon.

Straight Path Spectrum, LLC ("Straight Path") is a Delaware limited liability company and is directly wholly owned by Verizon.

GTE Mobilnet of California Limited Partnership ("GTEM of California") is a California limited partnership and is indirectly wholly owned by Verizon.

VZW Network, Cellco, Straight Path and GTEM of California are affiliates of Verizon.

Dated: September 21, 2022

A handwritten signature in blue ink that reads "Brandon Egren". The signature is written in a cursive style and is positioned above a horizontal line.

Brandon N. Egren
Assistant Secretary

REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.

**Federal Communications Commission**
Wireless Telecommunications Bureau**RADIO STATION AUTHORIZATION**

LICENSEE: STRAIGHT PATH SPECTRUM, LLC

ATTN: LICENSING MANAGER
STRAIGHT PATH SPECTRUM, LLC
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WRAZ876	File Number 0008225993
Radio Service UU - Upper Microwave Flexible Use Service	

FCC Registration Number (FRN): 0012576435

Grant Date 07-24-2018	Effective Date 07-24-2018	Expiration Date 08-10-2028	Print Date 07-25-2018
Market Number BTA404	Channel Block L1	Sub-Market Designator 3	
Market Name San Francisco-Oakland-San Jose			
1st Build-out Date 06-01-2024	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

Special Condition for AU/name change (6/4/2016): Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

The authority granted herein is subject to any future applicable international frequency coordination agreements between the administrations of the United State and Canada.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: STRAIGHT PATH SPECTRUM, LLC

Call Sign: WRAZ876

File Number: 0008225993

Print Date: 07-25-2018

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
---------------	--------------------	--------------------------	------------------------------	---------------

REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.

**Federal Communications Commission
Wireless Telecommunications Bureau****RADIO STATION AUTHORIZATION****LICENSEE:** STRAIGHT PATH SPECTRUM, LLC

ATTN: LICENSING MANAGER
STRAIGHT PATH SPECTRUM, LLC
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WRAZ877	File Number 0008225878
Radio Service UU - Upper Microwave Flexible Use Service	

FCC Registration Number (FRN): 0012576435

Grant Date 07-24-2018	Effective Date 07-24-2018	Expiration Date 08-10-2028	Print Date 07-25-2018
Market Number BTA404	Channel Block L2	Sub-Market Designator 3	
Market Name San Francisco-Oakland-San Jose			
1st Build-out Date 06-01-2024	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

Special Condition for AU/name change (6/4/2016): Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

The authority granted herein is subject to any future applicable international frequency coordination agreements between the administrations of the United State and Canada.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: STRAIGHT PATH SPECTRUM, LLC

Call Sign: WRAZ877

File Number: 0008225878

Print Date: 07-25-2018

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
---------------	--------------------	--------------------------	------------------------------	---------------



Crown Castle
One Park Place
Suite 300
Dublin, CA 94568

06/21/2022

City of San Mateo
Tracy Scramaglia
Public Works
330 West 20th Ave
San Mateo, CA 94403

RE: FAA Filing for Wireless Facilities

Dear City of San Mateo Public Works,

Crown Castle's proposed Small Wireless Communication Facilities do not require the completion and filing of FAA Form 7460 due to this project not meeting the requirements of the Federal Aviation Code Title 14, Chapter 1, Subchapter E, Part 77. Crown Castle's proposed Small Wireless Communication Facilities do not meet the FAA requirements for facilities that must file with the FAA which is listed below.

§ 77.9 — Any person/organization who intends to sponsor any of the following construction or alterations must notify the Administrator of the FAA:

- Any construction or alteration exceeding 200 ft above ground level
- Any construction or alteration
 - within 20,000 ft of a public use or military airport which exceeds a 100:1 surface from any point on the runway of each airport with at least one runway more than 3,200 ft.
 - within 10,000 ft of a public use or military airport which exceeds a 50:1 surface from any point on the runway of each airport with its longest runway no more than 3,200 ft.
 - within 5,000 ft of a public use heliport which exceeds a 25:1 surface
 - Any highway, railroad or other traverse way whose prescribed adjusted height would exceed that above noted standards
 - When requested by the FAA
 - Any construction or alteration located on a public use airport or heliport regardless of height or location

Furthermore, the FAA Code states that one does not need to file notice for construction or alteration of any object that will be shielded by existing structures of a permanent and substantial nature or by natural terrain or topographic features of equal or greater height and will be located in the congested area of a city, town, or settlement where the shielded structure will not adversely affect safety in air navigation. All of Crown Castle's proposed locations meet this requirement.

Sincerely,

Jason Camarena
Sr. Network Permitting Relations Specialist
1 Park Pl, Suite 300
Dublin, CA 94568

The CPCN was granted in the name of NTC Network, LLC ("NTC") by the California Public Utilities Commission's ("CPUC") Decision 99-06-083 on June 24, 1999 (Order starts on page 11 of the Decision PDF) and assigned the Utility Number U-6190-C.

NTC merged into Freedom Telecommunications LLC ("Freedom" - Utility Number U-7110-C) by way of a pro forma consolidation. NTC's Utility Number was transferred to Freedom as the surviving entity. The CPUC accepted NTC's Advice Letter No. 6 dated May 12, 2014 and Freedom's Advice Letter No. 4 dated May 12, 2014.

Freedom was merged into Crown Castle Fiber LLC ("Crown Castle Fiber") with Freedom's CPCN and Utility Number (U-6910-U) being transferred to Crown Castle Fiber – Freedom's Advice Letter No. 13 accepted on November 24, 2018

PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



Freedom Telecommunications, Llc
IEC (Corp ID 6190)
Status of Advice Letter 13
As of November 27, 2018

Subject: Pro Forma Consolidation including assumption of CPCN and Utility Number

Division Assigned: Telecommunications

Date Filed: 10-26-2018

Date to Calendar: 10-31-2018

Authorizing Documents: None

Disposition:	Accepted
Effective Date:	11-24-2018

Resolution Required: No

Resolution Number: None

Commission Meeting Date: None

CPUC Contact Information:

415-703-1565

TD_PAL_COORDINATOR@cpuc.ca.gov

AL Certificate Contact Information:

Tamar Finn

202-739-3000

tamar.finn@morganlewis.com

PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



To: Telecommunications Carrier Filing Advice Letter

From: Telecommunications Division PAL Coordinator

Subject: Your Advice Letter Filing

The Telecommunications Division of the California Public Utilities Commission has processed your recent Advice Letter (AL) filing and is returning an AL status certificate for your records.

The AL status certificate indicates:

- Advice Letter Number
- Name of Filer
- CPUC Corporate ID number of Filer
- Subject of Filing
- Date Filed
- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)
- Effective Date of Filing
- Other Miscellaneous Information (e.g., Resolution, if applicable, etc.)

The Telecommunications Division has made no changes to your copy of the Advice Letter Filing; please review your Advice Letter Filing with the information contained in the AL status certificate, and update your Advice Letter and tariff records accordingly.

All inquiries to the California Public Utilities Commission on the status of your Advice Letter Filing will be answered by Telecommunications Division staff based on the information contained in the Telecommunications Division's PAL database from which the AL status certificate is generated. If you have any questions on this matter please contact the:

Telecommunications Division PAL Coordinator at **(415) 703-1565**, or by
e-mail to ***td_pal_coordinator@cpuc.ca.gov***

PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



Ntc Network, Inc
IEC (Corp ID 6190)
Status of Advice Letter 6
As of August 11, 2014

Subject: Pro Forma consolidation of NTC and Freedom Telecommunications, LLC (U-7110-C)

Division Assigned: Telecommunications

Date Filed: 05-13-2014

Date to Calendar: 05-16-2014

Authorizing Documents: None

Disposition:	Accepted
Effective Date:	06-12-2014

Resolution Required: No

Resolution Number: None

Commission Meeting Date: None

CPUC Contact Information:

415-703-1565

TD_PAL_COORDINATOR@cpuc.ca.gov

AL Certificate Contact Information:

Douglas Orvis

202-373-6000

douglas.orvis@bingham.com

PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



To: Telecommunications Carrier Filing Advice Letter

From: Telecommunications Division PAL Coordinator

Subject: Your Advice Letter Filing

The Telecommunications Division of the California Public Utilities Commission has processed your recent Advice Letter (AL) filing and is returning an AL status certificate for your records.

The AL status certificate indicates:

- Advice Letter Number
- Name of Filer
- CPUC Corporate ID number of Filer
- Subject of Filing
- Date Filed
- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)
- Effective Date of Filing
- Other Miscellaneous Information (e.g., Resolution, if applicable, etc.)

The Telecommunications Division has made no changes to your copy of the Advice Letter Filing; please review your Advice Letter Filing with the information contained in the AL status certificate, and update your Advice Letter and tariff records accordingly.

All inquiries to the California Public Utilities Commission on the status of your Advice Letter Filing will be answered by Telecommunications Division staff based on the information contained in the Telecommunications Division's PAL database from which the AL status certificate is generated. If you have any questions on this matter please contact the:

Telecommunications Division PAL Coordinator at **(415) 703-1565**, or by e-mail to ***td_pal_coordinator@cpuc.ca.gov***

Filed By	Advice Letter Number	Tier	Date Filed	Subject	Protested	Date Closed	Effective Date	Days Open	Disposition
Freedom Telecommunications, Inc.	4	1	5/13/2014	Pro Forma Consilidation of Freedom and NTC Network, LLC (U-6190-C)	No	08/11/14	05/13/14	90	Accepted

Mailed 6/24/99

Decision 99-06-083 June 24, 1999

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking on the
Commission's Own Motion into Competition for
Local Exchange Service.

Rulemaking 95-04-043 ✓
(Filed April 26, 1995)

FORMAL FILE COPY

Order Instituting Investigation on the
Commission's Own Motion into Competition for
Local Exchange Service.

Investigation 95-04-044
(Filed April 26, 1995)
(Petition Nos. 132, 133, 134,
135, 136, 137, 138, 139
140, and 142)

O P I N I O N

By this decision, we grant the petitions for certificates of public convenience and necessity (CPCN) to operate as facilities-based competitive local carriers (CLCs) and to offer resold local exchange services within the territories of Pacific Bell (Pacific), GTE California Incorporated (GTEC), Roseville Telephone Company (RTC), and Citizens Telephone Company (CTC), for those petitioners as set forth in Appendix B of this decision, subject to the terms and conditions included herein. We also grant petitioners' requests for intrastate interLocal Access and Transport Areas (interLATA) and intraLATA authority on a statewide basis as designated in Appendix B.

I. Background

We initially established rules for entry of facilities-based CLCs in Decision (D.) 95-07-054. Under those procedures, we processed a group of candidates that filed petitions for CPCNs by September 1, 1995, and granted authority effective January 1, 1996, for qualifying CLCs to provide facilities-based competitive local

exchange service in the territories of Pacific and GTEC. We authorized CLCs seeking to provide resale-based services to begin operations on March 1, 1996. We further advised prospective entrants that any filings from nonqualifying CLCs, and any filing for CLC operating authority made after September 1, 1995, would be treated as standard applications and processed in the normal course of the Commission's business.

By D.96-12-020, effective January 1, 1997, we instituted quarterly processing cycles for granting CPCN authority for facilities-based CLCs in order to streamline the approval process for these particular carriers. Since we had been processing the environmental impact review required under the California Environmental Quality Act (CEQA) on a consolidated basis for groups of qualifying facilities-based CLCs, we concluded in D.96-12-020 that it would be more efficient and consistent to process other aspects of the CLC filings on a consolidated basis, as well. Accordingly, we directed that any CLC filing on or after January 1, 1997, for facilities-based CPCN authority was to make its filing in the form of a petition to be docketed in Investigation (I.) 95-04-044 that would be processed quarterly on a consolidated basis. CLCs seeking only resale authority continued to file individual applications.

On September 24, 1997, we adopted D.97-09-115 in which we extended the coverage of our adopted rules for local exchange competition to include the service territories of California's two midsize local exchange carriers (MSLECs), RTC and CTC. In that decision, we also authorized candidates seeking CLC CPCN authority within the MSLECs' territories to immediately begin making filings following the applicable entry rules previously adopted in D.95-07-054 and subsequent decisions. Specifically, requests for CLC CPCN authority for facilities-based service were to be filed in the form of a petition docketed in I.95-04-044, while resellers have sought authority through applications. In

D.98-01-055, we approved the first group of petitions for facilities-based CPCNs to offer local exchange service within the MSLEC territories.

In this decision, we approve CPCNs for those facilities-based CLCs which filed petitions during the first quarter of 1999 and satisfied all applicable rules for certification as established in Rulemaking (R.) 95-04-043. The Petitioners identified in Appendix B will be authorized to begin offering service upon the filing of tariffs and compliance with the terms and conditions set forth in this order.

II. CEQA Review

We have reviewed the petitions for compliance with CEQA. CEQA requires the Commission to assess the potential environmental impact of a project in order that adverse effects are avoided, alternatives are investigated, and environmental quality is restored or enhanced to the fullest extent possible. To achieve this objective, Rule 17.1 of the Commission's Rules requires the proponent of any project subject to Commission approval to submit with the petition for approval of such project a Proponent's Environmental Assessment (PEA). The PEA is used by the Commission to focus on any impacts of the project which may be of concern, and prepare the Commission's Initial Study to determine whether the project needs a Negative Declaration or an Environmental Impact Report (EIR).

Based on its assessment of the facilities-based petitions and PEAs, the Commission staff prepared a Negative Declaration and Initial Study generally describing the facilities-based Petitioners' projects and their potential environmental effects. The Negative Declaration prepared by the Commission staff is considered a Mitigated Negative Declaration (MND). This means that, although the initial study identified potentially significant impacts, revisions

which mitigate the impacts to a less than significant level have been agreed to by the Petitioners. (Pub. Res. Code § 21080(c)(2).)

A. Results of the Negative Declaration

On April 29, 1999, the Negative Declaration and Initial Study were sent to various city and county planning agencies, as well as public libraries throughout the state for review and comment by May 28, 1999. The Commission staff prepared a public notice which announced the preparation of the draft negative declaration, the locations where it was available for review, and the deadline for written comments. The public notice was advertised in newspapers throughout the state. The draft Negative Declaration was also submitted to the Governor's Office of Planning and Research where it was circulated to affected state agencies for review and comment.

Public comments on the draft Negative Declaration were reviewed and answered, as necessary. The Commission staff then finalized the MND covering all facilities-based CLC petitions listed in Appendix B. The finalized MND includes a list of mitigation measures with which the CLCs must comply as a condition of their CPCN authority. The MND includes a Mitigation Monitoring Plan to ensure that the mitigation measures are followed and implemented as intended. A copy of the MND is attached to this decision as Appendix D. We hereby approve the MND as finalized by staff. Concurrently with our approval of the MND, we grant the request of the Petitioners in Appendix B for CPCN authority subject to the terms and conditions set forth in our order below.

B. Required Payment of CEQA Deposit

Commission Decision 97-04-046 stipulates that all petitioners for CLC authority must submit with their filing an initial payment of \$2000 to cover CEQA costs. The \$2000 payment is used to cover the Commission's costs for

preparing and publishing the Mitigated Negative Declaration for each qualifying petitioner, as required by CEQA law. As of the date of this order, the Commission has received payment of the required \$2000 deposit from each of the CLCs, as identified in Appendix B.

III. Review of CPCN Petitions

A. Overview

The CLC petitions have been reviewed for compliance with the certification-and-entry rules (Rules) adopted in Appendices A and B of D.95-07-054 and subsequent decisions in R.95-04-043/I.95-04-044. Consistent with our goal of promoting a competitive market as rapidly as possible, we are granting authority to all of the facilities-based CLCs that filed during the first quarter of 1999 and met the Rules. The Rules are intended to protect the public against unqualified or unscrupulous carriers, while also encouraging and easing the entry of CLC providers to promote the rapid growth of competition.

Petitioners had to demonstrate that they possessed the requisite managerial qualifications, technical competence, and financial resources to provide facilities-based local exchange service. Petitioners were also required to submit proposed tariffs which conform to the consumer protection rules set forth in Appendix B of D.95-07-054. In response to a notice of tariff deficiencies, the various petitioners submitted tariff corrections. Except for the outstanding deficiencies noted in Appendix C, the petitioners' proposed tariffs are found to be satisfactory with no deficiencies noted.

As prescribed in Rule 4.B.(1), prospective facilities-based CLCs must also show that they possess a minimum of \$100,000 in cash or cash-equivalent resources, as defined in the Rules. In order to demonstrate that they possess the requisite financial resources, petitioners submitted copies of recent financial

statements. Because the financial statements contain commercially sensitive information, the petitioners filed motions for limited protective orders to restrict the financial statements and related documents containing commercially sensitive information from public disclosure pursuant to General Order (GO) 66-C. We grant those motions as prescribed in our order below.

Based upon our review, we conclude that each of the facilities-based Petitioners identified in Appendix B, has satisfactorily complied with our certification requirements for entry, including the consumer protection rules set forth in D.95-07-054, subject to correcting any tariff deficiencies in Appendix C, payment of the required CEQA deposit, and satisfying the additional conditions set forth in the ordering paragraphs below. Accordingly, we grant these Petitioners authority to offer facilities-based and resold local exchange service within the territories of Pacific and GTEC and, where requested, within the CTC and RTC territories. We also grant the statewide inter- and intraLATA authority as requested.

Pursuant to D.97-09-115, CLC resale authority within the RTC and CTC territories was authorized to become effective on or after April 1, 1998. As we stated in D.97-09-115, until the time that tariffed wholesale discount rates are adopted for RTC and CTC, individual CLCs certificated to resell local service within the CTC/RTC territories may enter into negotiations with each of the MSLECs to seek agreement on an interim wholesale discount rate. Disputes over the terms of resale arrangements may be submitted to the Commission for arbitration pursuant to the provisions of Section 252(b)(1) of the Telecommunication Act of 1996 and Commission Resolution ALJ-174.

B. Motion of DSLnet

DSLnet Communications, LLC ("DSLnet"), attempted to file a petition (# 142) for CLC local exchange authority on March 31, 1999, with the intention of being included in the Commission's quarterly "batch" review of such petitions filed during the first quarter of 1999. However, DSLnet subsequently learned that, due to certain confusion surrounding whether DSLnet's Petition was complete for purposes of the Commission's review, the Commission did not technically accept DSLnet's petition until April 13, 1999. As a result, it is now too late for DSLnet's Petition to be included in the Commission's quarterly review process for such petitions filed during the first quarter of 1999, at least to the extent DSLnet seeks facilities-based authority.

Nonetheless, in order to allow DSLnet to initiate competitive telecommunications service in California as soon as possible, DSLnet filed a motion on May 4, 1999, asking the Commission to: (1) immediately consider the portion of DSLnet's Petition seeking authority to resell local exchange telecommunications services, and (2) consider the portion of DSLnet's Petition seeking facilities-based authority in the Commission's quarterly review process for Petitions filed during the second quarter of 1999.

No party has objected to the motion of DSLnet. We consider the request of DSLnet for consideration of the resale portion of its petition in the current quarterly review to be reasonable, under the circumstances and shall grant it.

Due to the timing requirements relating to the Mitigated Negative Declaration, DSLnet's request for facilities-based authority cannot be considered during the current quarter, but shall be deferred to the subsequent quarterly review period.

IV. Compliance With Section 311

In compliance with Pub. Util. Code Section 311 (g)(2), this is an uncontested matter in which the decision grants the relief requested. Accordingly, pursuant to Pub. Util. Code Section 311(g)(2), the otherwise applicable 30-day period for public review and comment is being waived.

Findings of Fact

1. Nine petitioners filed requests during the first quarter of 1999 seeking a CPCN to provide competitive local exchange services in the territories of various California incumbent local exchange carriers as set forth in Appendix B.

2. An additional petitioner, DSLnet attempted to file during the first quarter, but the filing was not actually docketed until April 13, 1999. DSLnet subsequently filed an uncontested motion seeking to have its request for CLC resale authority to be considered as part of the first quarterly group of CLCs.

3. No protests to the CLC petitioners have been filed.

4. A hearing is not required.

5. By prior Commission decisions, we authorized competition in providing local exchange telecommunications service within the service territories of Pacific, GTEC, RTC, and CTC for carriers meeting specified criteria.

6. The Petitioners listed in Appendix B have demonstrated that each of them has a minimum of \$100,000 in cash or cash equivalent reasonably liquid and readily available to meet its start-up expenses.

7. Petitioners' technical experience is demonstrated by supporting documentation which provides summary biographies of their key management personnel.

8. Except as noted in Appendix C, Petitioners have each submitted a complete draft of their initial tariff which complies with the requirements

established by the Commission, including prohibitions on unreasonable deposit requirements.

9. Commission D.97-04-046 stipulates that all petitioners for CLC authority must submit with their filing an initial payment of \$2,000 to cover the Commission's costs for preparing and publishing the Mitigated Negative Declaration pursuant to CEQA.

10. Each of the CLCs, as identified in Appendix B, has submitted the required \$2,000 CEQA deposit as of the date of this order.

11. By D.97-06-107, petitioners or applicants for CLC authority are exempt from Rule 18(b).

12. Exemption from the provisions of Pub. Util. Code §§ 816-830 has been granted to other nondominant carriers. (*See, e.g., D.86-10-007 and D.88-12-076.*)

13. The transfer or encumbrance of property of nondominant carriers has been exempted from the requirements of Pub. Util. Code § 851 whenever such transfer or encumbrance serves to secure debt. (*See D.85-11-044.*)

Conclusions of Law

1. Each of the Petitioners listed in Appendix B has the financial ability to provide the proposed services, and has made a reasonable showing of technical expertise in telecommunications.

2. Public convenience and necessity require the competitive local exchange services to be offered by Petitioners subject to the terms, conditions, and restrictions set forth below.

3. Each Petitioner is subject to:

- a. The current 0.0% surcharge applicable to all intrastate services except for those excluded by D.94-09-065, as modified by D.95-02-050, to fund the Universal Lifeline Telephone Service (Pub. Util. Code § 879; Resolution T-16245, December 3, 1998);

- b. The current 0.192% surcharge applicable to all intrastate services except for those excluded by D.94-09-065, as modified by D.95-02-050, to fund the California Relay Service and Communications Devices Fund (Pub. Util. Code § 2881; Resolution T-16234; D.98-12-073, , December 17, 1998);
 - c. The user fee provided in Pub. Util. Code §§ 431-435, which is 0.11% of gross intrastate revenue for the 1998-1999 fiscal year (Resolution M-4789);
 - d. The current surcharge applicable to all intrastate services except for those excluded by D.94-09-065, as modified by D.95-02-050, to fund the California High Cost Fund-A (Pub. Util. Code § 739.30; D.96-10-066, pp. 3-4, App. B, Rule 1.C; Resolution T-16242 at 0.0% for 1999, December 3, 1998);
 - e. The current 3.8% surcharge applicable to all intrastate services except for those excluded by D.94-09-065, as modified by D.95-02-050, to fund the California High Cost Fund-B (D.96-10-066, p. 191, App. B, Rule 6.F., Resolution T-16244, December 3, 1998); and,
 - f. The current 0.05% surcharge applicable to all intrastate services except for those excluded by D.94-09-065, as modified by D.95-02-050, to fund the California Teleconnect Fund (D.96-10-066, p. 88, App. B, Rule 8.G, Resolution T-16165; August 1, 1998).
- 4. Petitioners should be exempted from Rule 18(b).
 - 5. Petitioners should be exempted from Pub. Util. Code §§ 816-830.
 - 6. Petitioners should be exempted from Pub. Util. Code § 851 when the transfer or encumbrance serves to secure debt.
 - 7. Each of the Petitioners must agree to, and is required to, carry out any specific mitigation measures adopted in the Mitigated Negative Declaration (MND), attached as Appendix D, in compliance with CEQA.

8. With the incorporation of the specific mitigation measures in the final MND, the Petitioners' proposed projects will not have potentially significant adverse environmental impacts.

9. The Petitioners should be granted CPCNs subject to the terms, conditions, and restrictions set forth in the order below.

10. Any CLC which does not comply with our rules for local exchange competition adopted in R.95-04-043 shall be subject to sanctions including, but not limited to, revocation of its CLC certificate.

O R D E R

IT IS ORDERED that:

1. A certificate of public convenience and necessity (CPCN), shall be granted to each of the Petitioners listed in Appendix B (Petitioners) to permit each of them to operate as a facilities-based provider of competitive local exchange telecommunications services, as a reseller of competitive local exchange telecommunications services within the service territories as noted in Appendix B and, as a statewide nondominant interexchange carrier (NDIEC), as noted in Appendix B, contingent on compliance with the terms identified in Appendix B and in the remainder of this order.

2. Each Petitioner shall file a written acceptance of the certificate granted in this proceeding prior to commencing service.

3. a. The Petitioners are authorized to file with this Commission tariff schedules for the provision of competitive local exchange, intraLATA (Local Access Transport Area) toll and intrastate interLATA services, as applicable. The Petitioners may not offer these services until tariffs are on file, and until any applicable deficiencies as noted in Appendix C have been corrected. Petitioners'

initial filing shall be made in accordance with General Order (GO) 96-A, excluding Sections IV, V, and VI, and shall be effective not less than one day after approval by the Telecommunications Division.

b. The Petitioners are competitive local carriers (CLCs). The effectiveness of each of their future tariffs is subject to the schedules set forth in Decision (D.) 95-07-054, Appendix A, § 4E.

A. "E. CLCs shall be subject to the following tariff and contract-filing, revision and service-pricing standards:

- "(1) Uniform rate reductions for existing tariff services shall become effective on five (5) working days' notice to the Commission. Customer notification is not required for rate decreases.
- "(2) Uniform major rate increases for existing tariff services shall become effective on thirty (30) days' notice to the Commission, and shall require bill inserts, or a message on the bill itself, or first class mail notice to customers at least 30 days in advance of the pending rate increase.
- "(3) Uniform minor rate increases, as defined in D.95-07-054, shall become effective on not less than five (5) working days' notice to the Commission. Customer notification is not required for such minor rate increases.
- "(4) Advice letter filing for new services and for all other types of tariff revisions, except changes in text not affecting rates or relocations of text in the tariff schedules, shall become effective on forty (40) days' notice to the Commission.
- "(5) Advice letter filings revising the text or location of text material which do not result in an increase in any rate or charge shall become effective on not less than five (5) days' notice to the Commission.
- "(6) Contracts shall be subject to GO 96-A rules for NDIECs, except interconnection contracts.

"(7) CLCs shall file tariffs in accordance with Public Utilities (Pub. Util.) Code Section 876."

4. The Petitioners may deviate from the following provisions of GO 96-A: (a) paragraph II.C.(1)(b), which requires consecutive sheet numbering and prohibits the reuse of sheet numbers, and (b) paragraph II.C.(4), which requires that "a separate sheet or series of sheets should be used for each rule." Tariff filings incorporating these deviations shall be subject to the approval of the Commission's Telecommunications Division. Tariff filings shall reflect all fees and surcharges to which Petitioners are subject, as described in Conclusion of Law 3. Petitioners are also exempt from GO 96-A Section II.G.(1) and (2) which require service of advice letters on competing and adjacent utilities, unless such utilities have specifically requested such service.

5. Each Petitioner shall file as part of its initial tariffs, after the effective date of this order and consistent with Ordering Paragraph 3, a service area map.

6. Prior to initiating service, each Petitioner shall provide the Commission's Consumer Services Division with the Petitioner's designated contact persons for purposes of resolving consumer complaints and the corresponding telephone numbers. This information shall be updated if the names or telephone numbers change or at least annually.

7. Where applicable, each Petitioner shall notify this Commission in writing of the date local exchange service is first rendered to the public within five days after service begins. The same procedure shall be followed for the authorized intraLATA and interLATA services, where applicable.

8. Each Petitioner shall keep its books and records in accordance with generally accepted accounting principles.

9. Petitioners shall each file an annual report, in compliance with GO 104-A, on a calendar-year basis using the information-request form developed by the Commission Staff and contained in Appendix A.

10. Petitioners shall ensure that its employees comply with the provisions of Pub. Util. Code § 2889.5 regarding solicitation of customers.

11. The certificate granted and the authority to render service under the rates, charges, and rules authorized will expire if not exercised within 12 months after the effective date of this order.

12. The corporate identification number assigned to each Petitioner, as set forth in Appendix B, shall be included in the caption of all original filings with this Commission, and in the titles of other pleadings filed in existing cases.

13. Within 60 days of the effective date of this order, each Petitioner shall comply with Pub. Util. Code § 708, Employee Identification Cards, reflecting its authority, and notify the Director of the Telecommunications Division in writing of its compliance.

14. Each Petitioner is exempted from the provisions of Pub. Util. Code §§ 816-830.

15. Each Petitioner is exempted from Pub. Util. Code § 851 for the transfer or encumbrance of property, whenever such transfer or encumbrance serves to secure debt.

16. If any Petitioner is 90 days or more late in filing an annual report or in remitting the fees listed in Conclusion of Law 4, Telecommunications Division shall prepare for Commission consideration a resolution that revokes that Petitioner's CPCN, unless that Petitioner has received written permission from Telecommunications Division to file or remit late.

17. The Final Mitigated Negative Declaration, including the Mitigation Monitoring Plan, attached as Appendix D of this decision is hereby approved and adopted.

18. Each of the Petitioners listed in Appendix B shall comply with the conditions and carry out the mitigation measures outlined in the adopted Mitigated Negative Declaration.

19. Each of the Petitioners shall provide the Director of the Commission's Energy Division with reports on compliance with the conditions and implementation of mitigation measures under the schedule outlined in the Mitigated Negative Declaration.

20. Petitioners shall comply with the consumer protection rules set forth in Appendix B of D.95-07-054.

21. Petitioners shall comply with the Commission's rules for local exchange competition in California that are set forth in Appendix C of D.95-12-056, including the requirement that CLCs shall place customer deposits in a protected, segregated, interest-bearing escrow account subject to Commission oversight.

22. Petitioners shall comply with the customer notification and education rules adopted in D.96-04-049 regarding the passage of calling party number.

23. Petitioners' respective motions for a limited protective order keeping designated documents containing financial and other operating information confidential are granted. Such documents will remain under seal for one year from today unless a petitioner makes a timely request for extension of confidential treatment of its documents by filing a separate motion with good cause shown.

24. The motion of DSLnet to have the resale portion of its CLC petition considered in the current quarterly cycle is granted.

25. The petitions listed in Appendix B are granted only as set forth above.

This order is effective today.

Dated June 24, 1999, at San Francisco, California.

RICHARD A. BILAS

President

HENRY M. DUQUE

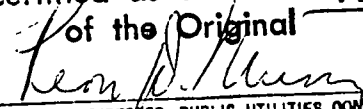
JOSIAH L. NEEPER

JOEL Z. HYATT

CARL W. WOOD

Commissioners

Certified as a True Copy
of the Original


ASST. EXECUTIVE DIRECTOR, PUBLIC UTILITIES COMMISSION
STATE OF CALIFORNIA

APPENDIX A

Page 1 of 2

**TO: ALL COMPETITIVE LOCAL CARRIERS AND INTEREXCHANGE
TELEPHONE UTILITIES**

Article 5 of the Public Utilities Code grants authority to the California Public Utilities Commission to require all public utilities doing business in California to file reports as specified by the Commission on the utilities' California operations.

A specific annual report form has not yet been prescribed for the California interexchange telephone utilities. However, you are hereby directed to submit an original and two copies of the information requested in Attachment A no later than March 31st of the year following the calendar year for which the annual report is submitted.

Address your report to:

California Public Utilities Commission
Auditing and Compliance Branch, Room 3251
505 Van Ness Avenue
San Francisco, CA 94102-3298

Failure to file this information on time may result in a penalty as provided for in §§ 2107 and 2108 of the Public Utilities Code.

If you have any question concerning this matter, please call (415) 703-1961.

APPENDIX A

Page 2 of 2

Information Requested of California Competitive Local Carriers and Interexchange Telephone Utilities.

To be filed with the California Public Utilities Commission, 505 Van Ness Avenue, Room 3251, San Francisco, CA 94102-3298, no later than March 31st of the year following the calendar year for which the annual report is submitted.

1. Exact legal name and U # of reporting utility.
2. Address.
3. Name, title, address, and telephone number of the person to be contacted concerning the reported information.
4. Name and title of the officer having custody of the general books of account and the address of the office where such books are kept.
5. Type of organization (e.g., corporation, partnership, sole proprietorship, etc.).
If incorporated, specify:
 - a. Date of filing articles of incorporation with the Secretary of State.
 - b. State in which incorporated.
6. Commission decision number granting operating authority and the date of that decision.
7. Date operations were begun.
8. Description of other business activities in which the utility is engaged.
9. A list of all affiliated companies and their relationship to the utility. State if affiliate is a:
 - a. Regulated public utility.
 - b. Publicly held corporation.
10. Balance sheet as of December 31st of the year for which information is submitted.
11. Income statement for California operations for the calendar year for which information is submitted.

(END OF APPENDIX A)

APPENDIX B

Page 1 of 1

LISTING OF PETITIONERS GRANTED CPCN AUTHORITY

Requested Authority
Granted

Name of Petitioner	Petition No.	Utility U-No.	<u>Local Exchange¹</u>		Statewide Inter/Intra-LATA
			Facilities-based	Resale	
1. Eagle Communications of California, LLC	132	U-6182C	X	X	
2. US Data Highway Corp. ² ,	133	U-6183C	X		
3. Seren Innovations, Inc. ²	133	U-6184C	X	X	X
4. HTC Communications, LLC ²	135	U-6185C	X	X	X
5. Network Plus, Inc.	136	U-6186C	X	X	X
6. Campuslink Communications Systems, Inc. ²	137	U-6187C	X	X	X
7. XL Networks, Inc.	138	U-6188C	X	X	X
8. Triad Communications Corporation ²	139	U-6189C	X	X	X
9. NTC Network, LLC ²	140	U-6190C	X	X	X
10. DSLnet Communications, LLC ³	142	U-6191C		X	

¹ Unless otherwise indicated, the authorized local exchange service territory of each CLC petitioner is limited to the ILEC service territories of Pacific, GTEC.

² The authorized local exchange territory for this carrier encompasses the ILEC service territories of Pacific, GTEC, RTC, and CTC.

³ The facilities-based portion of the DSLnet petition shall be considered during the next quarterly review period.

APPENDIX C
LIST OF CLC Tariff Deficiencies
Page 1 of 4

Eagle Communications, Pet. 132

Eagle Communications was to file a supplement to its petition as previously requested by the Telecommunications Staff to correct the many deficiencies to its tariffs. To date, it has not filed a supplement to correct the identified deficiencies. Eagle must file a revised set of tariffs that fully comply with D.95-07-054, D.95-12-056, D.95-12-057, D.96-04-049.

Network Plus – Pet. 136

Deficiencies in Network Plus's Proposed Tariffs

1. On each tariff sheet, (1) replace the phrase above the top horizontal line "Local Exchange Services" to "Competitive Local Carrier Tariff" and (2) add a vertical line on both the left and right margins.
2. Sheet No. 3, Preliminary Statement, 1.1, last paragraph. Replace the phrase "to resell local exchange telecommunications services within the State of California" to *"to provide facilities-based and resale local exchange services as a competitive local carrier in the service areas of Pacific Bell, GTEC, Citizens and Roseville Telephone Companies."*
3. Sheet No. 13, Rule 1, Definitions. Include the definitions adopted in Decision 95-07-054 for: (1) Major Rate Increase, and (2) Minor Rate Increase.
4. Sheet No. 17, Rule 3, Customer Application for Service. Revise tariffs to fully comply with the provisions of Rule 2, Appendix B of Decision 95-07-054, (e.g., service initiation based on a written or oral agreement; confirmation letter

APPENDIX C
LIST OF CLC Tariff Deficiencies
Page 2 of 4

5. briefly describing services, in case of an oral agreement; statement of terms/conditions for all new customers, etc.).

6. Sheet No. 18, Rule 5, Contracts and Agreements. Delete language re effectivity on five days' notice for "subsequent completed contracts." *All* contracts shall be subject to the 40-day notice until revised by the Commission.

7. Sheet No. 19. (1) Rule 6, Special Information Required on Forms. Revise tariff language to fully comply with the provisions of Rule 3 (A) and (B), Appendix B of Decision 95-07-054. (2) Rule 7, Establishment and Re-establishment of Credit. Include language on situations when deposits are not required. (See Rule 4, Appendix B of Decision 95-07-054.)

8. Sheet No. 20. (1) Rule 8, Advance Payments. Revise tariff language to indicate that advance payments shall be credited on the customer's first bill. (2) Deposits. Include language on the interest rate to be added to deposits. (See Rule 5, Appendix B of Decision 95-07-054.)

9. Sheet No. 21, Rule 9, Notices. (1) Revise tariff to indicate that cancellation of service by customers may be either verbal or written. (2) Include tariff language on rates and rate revisions and information on notices of discontinuance by a competitive local carrier. (See Rule 6, Appendix B of Decision 95-07-054.)

10. Sheet No. 22, Rule 10, Cancellation of Service by Company. Revise tariff to indicate that notice of discontinuance of service by a company for nonpayment of bills shall be provided in writing by first class mail to the customer not less than 7 calendar days prior to termination.

APPENDIX C
LIST OF CLC Tariff Deficiencies
Page 3 of 4

11. Sheet No. 25, Rule 16, Rendering and Payment of Bills. Note that a five-month back billing period for error files and one and one-half years back billing period for fraud are applicable only to interexchange service providers. Revise tariff accordingly. (See Decision 88-09-061.)

12. Sheet Nos. 27 through 31, Liability of the Company. Adopt either Pacific Bell's or GTEC's limitation of liability. The limitation of liability of these companies are appended to Decision 95-12-057.

13. Sheet 36, Rule 25, Additional Provisions, etc., Section D. Include language to indicate that deposits will be refunded *with interest within 30 days* after discontinuance of service or 12 months of service, whichever comes first.

14. Sheet 37, Rule 26, Additional Provisions, etc. Comply with the back billing provisions of Decision 88-09-061 for local exchange service providers.

15. Sheet 68, Custom Calling Services. Briefly describe each feature. Delete any reference to Caller ID service. This service can only be provided upon compliance with the customer notification and education rules adopted in Decision 96-04-049.

16. Sheet 72, Taxes and Surcharges. Update the applicable California surcharges. The current surcharges are: (1) Reimbursement Fee - 0.11%; (2) ULTS - 0.00%; (3) CHCF-A - 0.00%; (4) CHCF-B - 3.8%; (5) California Relay Service & Communications Devices Fund - 0.192%; (6) California Teleconnect Fund - 0.05%.

17. Include tariffs on: (1) Directories, (2) Non-published service, (3) Demarcation points, (4) Pro-rating of bills, (5) Change of service provider,

APPENDIX C
LIST OF CLC Tariff Deficiencies
Page 4 of 4

18. (6) Blocking of 976/900 calls, (7) Access to 911 by residential customers disconnected for nonpayment, (8) Switched access, (9) Number portability, (10) Privacy, (11) Universal Lifeline Telephone Service (ULTS) rates and income limitations, and (12) Sample forms. The forms may be filed with the company's initial tariff filing. (See Decision 95-07-054.)

NTC Network, LLC – Pet. 140

NTC has to file a full set of tariffs in compliance with D.95-07-054, etc.

(END OF APPENDIX C)

APPENDIX D

NEGATIVE DECLARATION (14)

Competitive Local Carriers' (CLCs)

Projects for Local Exchange Telecommunications Service throughout California.

The subject of this Negative Declaration are nine current petitions/applications for authorization to provide facilities based local telephone services. (See Appendix B).

The California Public Utilities Commission is the lead agency in approving these petitioners' intent to compete in the local exchange market. Additional approvals by other agencies may be required depending upon the scope and type of construction proposed by the petitioner (e.g. federal, other state agencies, and ministerial permits by local agencies).

Because the subject projects of the nine current petitioners are similar, with some modifications, to the projects proposed by the past petitioners, the Commission incorporates, in whole, Negative Declaration 13 for these nine petitions/applications, and will refer to the incorporated documents as "Negative Declaration 14" (Section 15150 of CEQA Guidelines). **The public comment period for the Draft Negative Declaration 14 begins on April 29, 1999 and expires on May 28, 1999.** Comments should be addressed to: John Boccio, Project Manager, California Public Utilities Commission, Energy Division, 505 Van Ness Avenue, San Francisco, CA 94102, Fax: (415) 703-2200, E-Mail: jbx@cpuc.ca.gov. For further information call Mr. Boccio at (415) 703-2641.

BACKGROUND

The California Public Utilities Commission's Decision 95-07-054 enables telecommunications companies to compete with local telephone companies in providing local exchange service. Previous to this decision, local telephone service was monopolized by a single utility per service territory. The Commission initially received 66 petitions from companies to provide competitive local telephone service throughout areas presently served by Pacific Bell and GTE California. The 66 petitioners included cable television companies, cellular (wireless) companies,¹ long-distance service providers, local telephone service providers, and various other telecommunication companies that specialize in transporting data.

Forty of the sixty-six petitions were for approval of facilities-based services, which means that the petitioners proposed to use their own facilities in providing local telephone service. The remaining 26 petitions were strictly for approval of resale-based services, meaning that telephone

¹ Wireless companies covered in the Negative Declarations adopted by the Commission for entry in the local telephone market are also subject to Commission General Order (G.O. 159A). G.O. 159A delegates to local governments the authority to issue discretionary permits for the approval of proposed sites for wireless facilities. Commission adoption of the Negative Declarations is not intended to supersede or invalidate the requirements contained in General Order 159A.

service will be resold using another competitor's facilities. (Most of the facilities-based petitioners offer resale-based services as well.) The 40 facilities-based petitions indicated that physical modifications to existing facilities may be required, and construction of new facilities was a possibility in the long-term. The 26 resale-based petitions were strictly financial and billing arrangements that involved no construction and were therefore considered to be exempt from the California Environmental Quality Act (CEQA) (Public Resources Code Sections 21000 et seq.).

The Commission issued a draft Negative Declaration for the initial 40 facilities-based petitioners in October 1995. Comments on the draft Negative Declaration covered issues such as traffic congestion, public safety, cumulative impacts, aesthetic impacts, and physical wear on streets. These comments were addressed and the Negative Declaration was modified to some extent in response to the comments. In December 1995, Commission Decision D.95-12-057 adopted a final mitigated Negative Declaration finding that the proposed projects of the initial 40 facilities-based petitioners would not have potentially significant environmental effects with specified mitigation measures incorporated by the projects.

Following the adoption of D.95-12-057, the Commission received eight additional petitions for facilities-based services. The eight petitioners included cable television companies, resale-based providers approved by D.95-12-057, and other telecommunication companies. Following the public comment period, the Commission made minor modifications to the first Negative Declaration, and in September 1996, the Commission adopted the second Negative Declaration for these eight companies (D.96-09-072). (This Negative Declaration is sometimes referred to as "Negative Declaration II"). In January 1997, the Commission adopted a third Negative Declaration for eight more facilities-based petitioners. "Negative Declaration III" is virtually the same document as Negative Declaration II because the proposed projects of the eight petitioners were no different from the projects proposed by the two groups of petitioners that preceded them. Following the issuance of Negative Declaration III, ten subsequent Negative Declarations, Negative Declaration IV (D.97-04-011), Negative Declaration V (D.97-06-100), Negative Declaration VI (D.97-09-110), Negative Declaration VII (D.97-12-084), Negative Declaration IX (D.98-03-066), Negative Declaration X (D.98-06-067), Negative Declaration 11 (D.98-09-66), and Negative Declaration 12 (D.98-12-083) and Negative Declaration 13 (D.99-03-050) have been adopted by the Commission in granting authority to provide facilities based local telecommunication services under essentially the same circumstances. (Negative Declaration VIII addressed telecommunication companies petitioning to provide services in the Roseville Telephone Company and Citizens Telephone Company of California service areas only). Negative Declaration IV addressed nine petitioners, Negative Declaration V addressed six petitioners, Negative Declaration VI addressed eight petitioners, Negative Declaration VII addressed five petitioners, Negative Declaration VIII addressed eleven petitioners, Negative Declaration IX addressed eleven petitioners, Negative Declaration X addressed two petitioners and Negative Declaration 11 addressed eight petitioners and Negative Declaration 12 addressed twelve petitioners.

PROJECT DESCRIPTION

Following the adoption of Negative Declaration 13, the Commission received nine more petitions/applications for facilities-based services. These petitioners are the subject of this Negative Declaration. *(See Appendix B for a list of the current facilities-based petitioners.)*

Similar to the earlier petitioners, most of the current petitioners are initially targeting local telephone service for areas where their telecommunications infrastructure is already established, and therefore only minor construction is envisioned. Services provided will include but not be limited to voice, data, video, internet and other telecommunications services. The petitioners will need to make some modifications to their existing facilities; these modifications are minor in nature, the most common being the installation of a switch that connects potential customers to outside systems. Switch installation is necessary because customers receiving a particular type of service may not have access to local telephone networks. For example, customers receiving cable television service are presently unable to connect to local telephone networks because of the differences in modes of service. A switch installation by a cable television provider is one step that makes the connection possible. Switch installation is considered a minor modification because it typically involves a single installation within an existing central communication facility or building.

Besides the minor modifications, some of the companies are planning to install their own fiber optic cables to provide adequate service. Cables will be installed within existing utility underground conduits or ducts, or attached to utility poles with existing overhead lines whenever possible. Fiber optic cables are extremely thin, and existing conduits will likely be able to hold multiple cables. However, if existing conduits or poles are unable to accommodate additional cables, then new conduits or poles will need to be constructed by the petitioner. In this case, the petitioners will construct within existing utility rights-of-way. There is also the possibility that the petitioners may attempt to access other rights-of-way (such as roads) to construct additional conduits. Extension of existing rights-of-way into undisturbed areas is not likely, but a possibility.

The installation of fiber optic cables into underground conduits will vary in complexity depending upon the conditions of the surrounding area. For example, in urban, commercial areas, utility conduits can be accessible with minimal groundbreaking and installation simply requires stringing the cable through one end of the conduit and connecting it to the desired end. In this case, major excavation of the right-of-way is unnecessary. However, there may also be conditions where access to the conduit will require trenching and excavation.

Some of the petitioners have plans to construct service boxes or cabinets which contain batteries for the provision of power or emergency power. The dimensions of the boxes vary, but basically range from three to five feet in height. Depending upon the type of technology and facilities operated by the petitioner, smaller service boxes (approximately 3 inches in height) would be used for power supply and backup power. Those petitioners who have no plans to use such

boxes already have capable power and backup power within their existing facilities. The petitioners who will need such boxes, have committed to placing the boxes in existing buildings, or in underground vaults. If conditions do not permit building or underground installation, the petitioners would use small low-profile boxes that are landscaped and fenced.

While most of the petitioners will initially compete for customers in urban, commercial and residential zones where telecommunication infrastructure is already in place, some petitioners state their intention or right to compete on a state wide basis wherever competition is permitted. However it is unclear at this time if all areas will be affected by the projects because many petitioners are not specific where they intend to compete in the long-run.

ENVIRONMENTAL DETERMINATION

An Initial Study was prepared to assess the projects' potential effects on the environment, and the respective significance of those effects. Based on the Initial Study, the CLCs' projects for competitive local exchange service have the potential to cause significant adverse effects on the environment in the area of Land Use and Planning, Geological Resources, Water, Air Quality, Transportation and Circulation, Hazards, Noise, Public Services, Aesthetic and Cultural Resources. The projects will have less than a significant effect in other resource areas of the checklist. It should be noted that Findings 2 through 10 are for those projects which require work within existing utility rights-of-way for the purpose of modifying existing facilities or installing new facilities. Finding 1 is applicable for work outside of the existing utility rights-of-way.

In response to the Initial Study, the following specific measures should be incorporated into the projects to assure that they will not have any significant adverse effects on the environment. (*See Public Resources Code Section 21064.5.*)

As a general matter, many of the mitigation measures rely on compliance with local standards and the local ministerial permit process. Although local safety and aesthetic input is essential in minimizing the impact of the petitioner's construction, local jurisdictions cannot impose standards or permit requirements which would prevent petitioners from developing their service territories, or otherwise interfere with the statewide interest in competitive telecommunication service. Therefore, the petitioners' required compliance with local permit requirements is subject to this limitation.

The findings of the draft Negative Declaration were modified in response to comments filed during the public comment period from Negative Declarations II and IV. Changes are marked by italics.

1. The proposed projects could have potentially significant environmental effects for all environmental factors if a proposed project extends beyond the utility right-of-way into undisturbed areas or into other rights-of-way. ("Utility right-of-way" means any utility

right-of-way, not limited to only telecommunication utility right-of-way.) For the most part, the petitioners do not plan to conduct projects that are beyond the utility right-of-way. However, should this occur, the petitioner shall file a Petition to Modify its Certificate for Public Convenience and Necessity (CPCN). An appropriate environmental analysis of the impacts of these site specific activities shall be done.

2. The proposed projects will not have any significant effects on Population and Housing, Biological Resources, Energy and Mineral Resources, and Recreation if the proposed projects remain within existing utility right-of-way. There are no potential environmental effects in these areas, or adequate measures are incorporated into the projects to assure that significant effects will not occur.

3. The proposed projects could have potentially significant environmental effects on Geological Resources because possible upgrades or installations to underground conduits may induce erosion due to excavation, grading and fill. It is unclear as to how many times underground conduits may be accessed by the petitioners, but it is reasonable to assume that constant excavation by various providers could result in erosion in areas where soil containment is particularly unstable.

In order to mitigate any potential effects on geological resources, the petitioners shall comply with all local design, construction and safety standards by obtaining all applicable ministerial permits from the appropriate local agencies. In particular, erosion control plans shall be developed and implemented for areas identified as particularly unstable or susceptible to erosion. If more than one petitioner plans to excavate geologically sensitive areas, coordination of their plans shall be necessary to minimize the number and duration of disturbances.

4. The proposed projects could have potentially significant environmental effects on Water Resources because possible upgrades or installation to underground conduits may be in close proximity to underground or surface water sources. While the anticipated construction will generally occur within existing utility rights-of-way, the projects have the potential to impact nearby water sources if heavy excavation is required as the method of access to the conduits.

In order to mitigate any potential effects on water resources, the petitioners shall comply with all local design, construction and safety standards. This will include consultation with all appropriate local, state *and federal* water resource agencies for projects that are in close proximity to water resources, underground or surface. The petitioners shall comply with all applicable local, state *and federal* water resource regulations. Appropriate site specific mitigation plans shall be developed by the petitioners if the projects impact water quality, drainage, direction, flow or quantity. If there is more than one petitioner for a particular area that requires excavation, coordination plans shall be required to minimize the number and duration of disturbances.

5. The proposed projects could have potentially significant environmental effects on Air Quality because possible excavation efforts for underground conduits may result in vehicle emissions and airborne dust for the immediate areas of impact. This is especially foreseeable if more than one petitioner should attempt such work in the same locale. While the impact will be temporary, the emissions and dust could exceed air quality standards for the area.

The petitioners shall develop and implement appropriate dust control measures during excavation as recommended by the applicable air quality management district. The petitioners shall comply with all applicable air quality standards as established by the affected air quality management districts. If there is more than one petitioner for a particular area that requires excavation, coordination plans shall be required to minimize the number and duration of disturbances.

6. The proposed projects could have potentially significant environmental impacts on Transportation and Circulation and Public Services because uncoordinated efforts by the petitioners to install fiber optic cable could result in a cumulative impact of traffic congestion, insufficient parking and hazards or barriers for pedestrians. This is foreseeable if the competitors choose to compete in the same locality and desire to install their own cables. If the selected area is particularly dense with heavy vehicular or pedestrian traffic, the impacts could be enormous without sufficient control and coordination. Uncoordinated efforts may also adversely impact the quality and longevity of public street maintenance because numerous excavation activity depreciates the life of the surface pavement. *Impacts from trenching activity may occur in utility rights-of-way that contain other Public Services such as irrigation water lines.*

The petitioners² shall coordinate their efforts to install fiber optic cables or additional conduits so that the number of encroachments to the utility rights-of-way are minimized. These coordination efforts shall also include affected transportation and planning agencies to coordinate other projects unrelated to the petitioners' projects. *For example, review of a planning agency's Capital Improvement Plan (CIP) to identify impacted street projects would be an expected part of the coordination effort by the petitioner.* Besides coordinating their efforts, the petitioners shall abide by all local construction, maintenance and safety standards *(and state standards, if applicable)* by acquiring the necessary ministerial permits from the appropriate local agency or CalTrans *(if within a State right-of-way)*. Examples of these permits are excavation, encroachment and building permits. Appropriate construction start and end times, and dates if appropriate,

² The petitioners discussed in this Negative Declaration shall coordinate with all CLCs including those listed in the first Negative Declaration adopted by the Commission (D.95-12-057) and all CLCs in future Negative Declarations. CLCs covered in the first Negative Declaration shall likewise be expected coordinate with those CLCs listed in this Negative Declaration or any subsequent one adopted by the Commission.

shall be employed to avoid peak traffic periods and to minimize disruption, especially if the petitioners' work encroaches upon transportation rights-of-way. *Petitioners shall consult with local agencies on appropriate restoration of public service facilities that are damaged by the construction and shall be responsible for such restoration.*

7. The proposed projects could have potentially significant hazard-related effects because uncoordinated construction efforts described above could potentially interfere with emergency response or evacuation plans. There is also potential for an increase in overhead lines and poles which carry hazard-related impacts.

The same mitigation plan as described in the previous section is applicable here as well, and shall be augmented by notice to and consultation with emergency response or evacuation agencies if the proposed project interferes with routes used for emergencies or evacuations. The coordination efforts shall include provisions so that emergency or evacuation plans are not hindered. If the projects result in an increase in overhead communication lines, the petitioner shall obtain the necessary ministerial permits to erect the necessary poles to support the lines. The Commission shall include these facilities as part of its overhead line regular inspections so that the requirements of G.O. 95 are met.

8. The proposed projects could have potentially significant environmental effects on Noise because it is possible some projects may require excavation or trenching. Although the effect is likely to be short-term, existing levels of noise could be exceeded.

If the petitioner requires excavation, trenching or other heavy construction activities which would produce significant noise impacts, the petitioner shall abide by all applicable local noise standards and shall inform surrounding property owners and occupants (particularly school districts, hospitals and the residential neighborhoods) of the day(s) when most construction noise would occur. Notice shall be given at least two weeks in advance of the construction.

9. The proposed projects could have potentially significant environmental effects on aesthetics because it is possible that additional lines on poles in utility rights-of-way could become excessive for a particular area. *Aesthetic impacts may also occur in utility rights-of-way that are landscaped.* Moreover, there is potential for an increase in above grade utility service boxes or cabinets which also carry aesthetic impacts.

Local aesthetic concerns shall be addressed by the petitioners for all facilities that are above-ground, in particular all types of service boxes or cabinets. The local land use or planning agency shall be consulted by the petitioner so that any site-specific aesthetic impacts are assessed and properly mitigated. *For example, this may include restoration of the landscaped utility rights-of-way.*

10. The proposed projects could have potentially significant environmental effects on

cultural resources because situations involving additional trenching may result in *disturbing known* or unanticipated archaeological or historical resources.

The petitioners shall conduct appropriate data research for known cultural resources in the proposed project area, and avoid such resources in designing and constructing the project. Should cultural resources be encountered during construction, all earthmoving activity which would adversely impact such resources shall be halted or altered so as to avoid such impacts, until the petitioner retains the service of a qualified archaeologist who will do the appropriate examination and analysis. The archeologist shall consult with appropriate federal, state and local agencies concerned with cultural resources, so that any potential impacts upon cultural resources are assessed and properly avoided or mitigated. The archeologist shall, in coordination with agencies, develop a plan for avoiding or mitigating any potential impacts upon those resources encountered.

In summary, the Mitigation Measures recommended in this environmental determination are:

A) All Environmental Factors: if a proposed project extends beyond the utility right-of-way into undisturbed areas or other right-of-way, the petitioner shall file a Petition to Modify its Certificate for Public Convenience and Necessity (CPCN). ("Utility right-of-way" means any utility right-of-way, not limited to only telecommunications utility right-of-way.) An appropriate environmental analysis of the impacts of these site specific activities shall be done.

If the projects remain within the utility right-of-way, the following Mitigation Measures are recommended:

B) General Cumulative Impacts: in the event that more than one petitioner seeks modifications or additions to a particular locality, the petitioners shall coordinate their plans with each other, and consult with affected local agencies so that any cumulative effects on the environment are minimized. These coordination efforts shall reduce the number and duration of disturbance to existing utility right-of-way. Regardless of the number of petitioners for a particular locality, the petitioner shall consult with, and abide by the standards established, by all applicable local agencies. Each petitioner shall file a quarterly report, one month prior to the beginning of each quarter, that summarizes the construction projects that are anticipated for the coming quarter. The summary will contain a description of the type of construction and the location for each project so that the local planning agencies can adequately coordinate multiple projects if necessary. The reports will also contain a summary of the petitioner's compliance with all Mitigation Measures for the projects listed. The quarterly reports will be filed with the local planning agencies where the projects are expected to take place and the Commission's Telecommunications Division. The Commission filing will be in the form of an informational advice letter. Subsequent quarterly reports shall also summarize the status

of the projects listed in previous quarterly report, until they are completed.

C) Geological Resources: the petitioners shall comply with all local design construction and safety standards by obtaining all applicable ministerial permits from the appropriate local agencies including the development and approval of erosion control plans. These shall be developed and implemented for areas identified as particularly unstable or susceptible to erosion. If more than one petitioner plans to excavate sensitive areas, coordination of their plans shall be necessary to minimize the number of disturbances. The petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

D) Water Resources: the petitioners shall consult with all appropriate local, state *and federal* water resource agencies for projects that are in close proximity to water resources, underground or surface. The petitioners shall comply with all applicable local, state *and federal* water resource regulations including the development of site-specific mitigation plans should the projects impact water quality, drainage, direction, flow or quantity. If there is more than one petitioner for a particular area that requires excavation, coordination plans shall be required to minimize the number of disturbances. The petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

E) Air Quality: the petitioners shall develop and implement appropriate dust control measures during excavation as recommended by the applicable air quality management district. The petitioners shall comply with all applicable air quality standards as established by the affected air quality management districts. If there is more than one petitioner for a particular area that requires excavation, coordination plans shall be required to minimize the number of disturbances. The petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

F) Transportation and Circulation and Public Services: the petitioners³ shall coordinate their efforts to install fiber optic cables or additional conduits so that the number of disturbances to the utility rights-of-way are minimized. These coordination efforts shall include affected transportation and planning agencies to coordinate other projects unrelated to the petitioners' projects. *For example, review of a planning agency's Capital Improvement Plan (CIP) to identify impacted street projects would be an expected part of the coordination effort by the petitioner.* Besides coordinating their efforts, the petitioners shall abide by all local construction, maintenance and safety standards (*and state standards, if applicable*) by acquiring the necessary ministerial permits from the appropriate local agency *and/or CalTrans (if within State right-of-way)*. Examples of these permits are excavation, encroachment and building permits. Appropriate construction start and end times, and dates if appropriate, shall be employed

3 See Footnote #2.

to avoid peak traffic periods, especially if the petitioners' work encroaches upon transportation rights-of-way. Notice to the affected area (surrounding property owners and occupants) shall be given at least two weeks in advance of the construction. The notice will provide the time and dates of the proposed construction and discussion of potential impacts on traffic and circulation. *Petitioners shall consult with local agencies on appropriate restoration of public service facilities that are damaged by the construction and shall be responsible for such restoration.* The notice required for Mitigation Measures F and H shall be consolidated. The petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

G) Hazards: the petitioners shall use the Transportation and Circulation mitigation measure and augment it by informing and consulting with emergency response or evacuation agencies if the proposed project interferes with routes used for emergencies or evacuations. The coordination effort shall include provisions so that emergency or evacuation plans are not hindered. If the projects result in an increase in overhead communication lines, the petitioner shall obtain the necessary ministerial permits to erect the necessary poles to support the lines. The Commission shall include these facilities as part of its overhead line regular inspections so that the requirements of G.O. 95 are met. The petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

H) Noise: the petitioner shall abide by all applicable local noise standards and shall inform surrounding property owners and occupants, particularly school districts, hospitals and the residential neighborhoods, of the day(s) when most construction noise would occur if the petitioner plans excavation, trenching or other heavy construction activities which would cause any significant noise. Notice shall be given at least two weeks in advance of the construction. The notice required for Mitigation Measures F and H shall be consolidated. The petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

I) Aesthetics: All applicable local aesthetic standards will be addressed by the petitioners for all facilities that are above-ground, in particular all types of service boxes or cabinets. The local land use agency shall be consulted by the petitioner so that any site-specific aesthetic impacts are assessed and properly mitigated *by the petitioner. For example, this may include restoration of the landscaped utility rights-of-way.* Petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

J) Cultural Resources: *The petitioners shall conduct appropriate data research for known cultural resources in the proposed project area, and avoid such resources in designing and constructing the project.* Should cultural resources be encountered during construction, all earthmoving activity which would adversely impact such resources shall be halted or altered until the petitioner retains the service of a qualified archaeologist who will do the appropriate examination and analysis. The archaeologist will provide

proposals for any procedures to mitigate the impact upon those resources encountered. The treatment plan will be designed through coordination with the appropriate federal, state and local agencies. The petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

General Statement for all Mitigation Measures:

Although local safety and aesthetic input is essential in minimizing the impact of the petitioner's construction, local jurisdictions cannot impose standards or permit requirements which would prevent petitioners from developing their service territories, or otherwise interfere with the statewide interest in competitive telecommunication service. Therefore, the petitioners' required compliance with local permit requirements is subject to this limitation.

With the implementation of the mitigation measures listed in A) - J) above, the Commission should conclude that the proposed projects will not have one or more potentially significant environmental effects. The Commission should also adopt a Mitigation Monitoring Plan which will ensure that the Mitigation Measures listed above will be followed and implemented. The Mitigation Monitoring Plan is included with this Negative Declaration as Appendix C.

 *Paul Clancy* for N. Walsh

Natalie Walsh, Program Manager
Analysis Branch
Energy Division

4-27-99

Date

INITIAL STUDY CHECKLIST

Environmental Factors Potentially Affected:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Land Use and Planning | <input checked="" type="checkbox"/> Transportation/Circulation | <input checked="" type="checkbox"/> Public Services |
| <input type="checkbox"/> Population and Housing | <input type="checkbox"/> Biological Resources | <input checked="" type="checkbox"/> Utilities and Service Systems |
| <input checked="" type="checkbox"/> Geological Problems | <input type="checkbox"/> Energy and Mineral Resources | <input checked="" type="checkbox"/> Aesthetics |
| <input checked="" type="checkbox"/> Water | <input checked="" type="checkbox"/> Hazards | <input checked="" type="checkbox"/> Cultural Resources |
| <input checked="" type="checkbox"/> Air Quality | <input checked="" type="checkbox"/> Noise | <input type="checkbox"/> Recreation |
| | <input checked="" type="checkbox"/> Mandatory Findings of Significance | |

Note: For construction outside of the utility rights-of-way, potential environmental impacts are too variable and uncertain to be specifically evaluated in this Initial Study, but are addressed in Environmental Determination 1 and Mitigation Measure (A) in the Negative Declaration.

Determination:

On the basis of this initial evaluation:

I find that the proposed projects COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared. ☐

I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the projects. A NEGATIVE DECLARATION will be prepared. ☒

I find that the proposed projects MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required. ☐

I find that the proposed projects MAY have a significant effect(s) on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on an earlier analysis as described on attached sheets, if the effect is a "potentially significant impact" or "potentially significant unless mitigated." An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed. ☐

I find that although the proposed project could have a significant effect on the environment, there WILL NOT be a significant effect in this case because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project.



Paul Glanon.
Signature For N. Walsh

4-27-99
Date

Natalie Walsh
Printed Name

Program Manager
Analysis Branch
Energy Division
California Public Utilities Commission

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
I. LAND USE AND PLANNING. Would the proposal:				
a) Conflict with general plan designation or zoning?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Conflict with applicable environmental plans or policies adopted by agencies with jurisdiction over the project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Be incompatible with existing land use in the vicinity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Affect agricultural resources or operations (e.g. impacts to soils or farmlands, or impacts from incompatible land uses)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Disrupt or divide the physical arrangement of an established community (including a low-income or minority community)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The proposed projects are not anticipated to have any significant impacts on general or environmental plans, zoning, existing land usage, or agricultural resources. The projects are essentially modifications to existing facilities within established utility rights-of-way. Since these rights-of-way are already designed to be in compliance with zoning and land use plans, disruption of such plans are not foreseeable. In the event that the petitioners need to construct facilities that extend beyond the rights-of-way, see Mitigation Measure A in the Negative Declaration.

II. POPULATION AND HOUSING. Would the proposal:

a) Cumulatively exceed official regional or local population projections?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Induce substantial growth in an area either directly or indirectly (e.g. through projects in an undeveloped area or extension of major infrastructure?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace existing housing, especially affordable housing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The proposed projects will not have impacts upon population or housing. The purpose of the projects is to

introduce competition into the local telephone service market. Since competition will be generally statewide and not centered in one locale, it is not anticipated that the projects will have an effect on population projections or housing availability of any particular area. The areas that will not initially receive the competition are rural, less populated areas; it cannot be seen that the initial lack of competitive services in these areas will result in significant movements of people to areas where competition will be heavy.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
III. GEOLOGIC PROBLEMS. Would the proposal result in or expose people to potential impacts involving:				
a) Fault rupture?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Seismic ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Seiche, tsunami, or volcanic hazard?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Landslides or mudflows?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Erosion, changes in topography or unstable soil conditions from excavation, grading, or fill?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Subsidence of land?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Expansive soils?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) Unique geologic or physical features?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The projects will be constructed within existing utility facilities or established utility rights-of-way and will therefore not expose people to new risks for any of these impacts, except possibly erosion. Should additional cable facilities require the installation of new or upgraded conduits, trenching, excavation, grading and fill could be required. For appropriate mitigation, see Mitigation Measures (B) and (C) for details in the Negative Declaration.

IV. WATER. Would the proposal result in:

a) Changes in absorption rates, drainage patterns, or the rate and amount of surface runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Exposure of people or property to water related hazards such as flooding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Discharge into surface waters or other alteration of surface water quality (e.g. temperature, dissolved oxygen or turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Changes in the amount of surface water in any water body?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Changes in currents, or the course or direction of water movements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations or through substantial loss of groundwater recharge capability?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Altered direction or rate of flow of groundwater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) Impacts to groundwater quality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) Substantial reduction in the amount of groundwater otherwise available for public water supplies?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The projects will involve alterations to existing telecommunication facilities (underground conduits or overhead poles) but could expose additional risks if more than one petitioner decide to compete in the same locality. Efforts to install cables, or if necessary, new conduits, in utility rights-of-way that are in close proximity to an underground or surface water sources could carry significant effects for quality, flow, quantity, direction or drainage if done improperly and without coordination. See Mitigation Measures (B) and (D) in the Negative Declaration for details.

V. AIR QUALITY. Would the proposal:

a) Violate any air quality standard or contribute to an existing or projected air quality violation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Expose sensitive receptors to pollutants?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Alter air movement, moisture, or temperature, or cause any change in climate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Create objectionable odors?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If the projects do not require excavation or trenching of underground conduits, they will not have an effect upon air quality, movement, temperature or climate. However, should the projects require such work and, if more than one petitioner decide to work in the same locale, there is potential for an increase in dust in the immediate area. See Mitigation Measures (B) and (E) in the Negative Declaration for details.

VI. TRANSPORTATION/CIRCULATION.

Would the proposal result in:

a) Increased vehicle trips or traffic congestion?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Hazards to safety from design features (e.g. sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Inadequate emergency access or access to nearby uses?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Insufficient parking capacity on-site or off-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Hazards or barriers for pedestrians or bicyclists?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Conflicts with adopted policies supporting alternative transportation (e.g. bus turnouts, bicycle racks)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Rail, waterborne or air traffic impacts?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The petitioners plan to modify existing utility conduits or poles within existing utility rights-of-way initially in urban, commercial zones and residential areas. Modification of these facilities by a single party does not present significant impacts upon traffic or circulation since the installation process is not expected to be lengthy. However, if more than one of the petitioners decide to compete in the same locality, their efforts to install their own cables will have a significant cumulative effect on circulation, especially in dense, urban commercial areas. As a result, increases in traffic congestion, insufficient parking, and hazards or barriers for pedestrian are possible. See Mitigation Measures (B) and (F) in the Negative Declaration for details.

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	--------------

VII. BIOLOGICAL RESOURCES.

Would the proposal result in impacts to:

- | | | | | |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Endangered, threatened, or rare species or their habitats (including but not limited to plants, fish, insects, animals, and birds)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Locally designated species (e.g. heritage trees)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Locally designated natural communities (e.g. oak forest, coastal habitat, etc.)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Wetland habitat (e.g. marsh, riparian and vernal pool)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Wildlife dispersal or migration corridors? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

The projects will not affect any biological resources since all anticipated work will occur within existing utility facilities or established utility rights-of-way. Established utility rights-of-way are assumed to be outside of locally designated natural communities, habitats or migration corridors.

VIII. ENERGY AND MINERAL RESOURCES.

Would the proposal result in:

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Conflict with adopted energy conservation plans? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Use non-renewable resources in a wasteful and inefficient manner? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Result in the loss of availability of a known mineral resource that would be of future value to the region and the residents of the State? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

The projects will no impact upon mineral resources or the use of energy. The projects provide competitive telecommunication services that have no direct relationship to efficient energy use or mineral resources. The installation of additional fiber optic cables are within existing facilities or rights-of-way that are assumed to have adequate mitigation designs to avoid impacts on any mineral resources within proximity.

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	--------------

IX. HAZARDS. Would the proposal involve:

- | | | | | |
|--|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| a) A risk of accidental explosion or release of hazardous substances (including, but not limited to: oil, pesticides, chemicals or radiation)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Possible interference with an emergency response plan or emergency evacuation plan? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c) The creation of any health hazard or potential health hazard? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Exposure of people to existing sources of potential health hazards? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Increased fire hazard in areas with flammable brush, grass, or trees? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

The installation of fiber optic cables can be a quick, clean and simple procedure with little use of heavy machinery. However there may be situations where excavation and trenching of underground conduits is necessary if the conduits are not easily accessible. Should this occur, uncoordinated efforts by the petitioners in one concentrated area could potentially affect emergency response or evacuation plans for that locale. See Mitigation Measures (B) and (G) in the Negative Declaration for details. Once the project is completed, the additional cables do not represent any additional hazards to people nor do they increase the possibility of fires.

X. NOISE. Would the proposal result in:

- | | | | | |
|---|--------------------------|-------------------------------------|--------------------------|--------------------------|
| a) Increases in existing noise levels? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b) Exposure of people to severe noise levels? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

The anticipated projects can be a quick and simple procedure, but in some cases could require heavy machinery or construction activity such as excavation, trenching, grading and refill. There is also the possibility that uncoordinated efforts by the petitioners in one locale could increase existing noise levels, if their activities involve the construction described. See Mitigation Measures (B) and (H) in the Negative Declaration for details.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--	--------------------------------------	--	------------------------------------	--------------

XI. PUBLIC SERVICES. Would the proposal have an effect upon, or result in a need for new or altered government services in any of the following areas:

- | | | | | |
|---|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| a) Fire protection? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Police protection? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Schools? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Maintenance of public facilities, including roads? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e) Other government services? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

The proposed projects will increase competition in the local telephone service. The construction associated with the projects have potential impacts on the maintenance of public streets and roads. Numerous disturbances to the street surfaces depreciates the quality and longevity of the pavement. Trenching projects may also impact other existing public service facilities (e.g. irrigation lines) in the utility rights-of-way. Mitigation Measure F addresses this impact.

XII. UTILITIES AND SERVICE SYSTEMS. Would the proposal result in a need for new systems or supplies, or substantial alterations to the following utilities:

- | | | | | |
|--|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| a) Power or natural gas? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Communication systems? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c) Local or regional water treatment or distribution facilities? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Sewer or septic tanks? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Storm water drainage? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f) Solid waste disposal? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| g) Local or regional water supplies? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

The proposed projects could substantially alter communication systems in the event that existing facilities are unable to accommodate all of the participants in the market. If this should occur, additional conduits or poles for telecommunication equipment will need to be inserted in existing utility rights-of-way or the petitioners may seek entry to other rights-of-way. If the petitioners are forced to construct outside of the existing utility rights-of-way,

Mitigation Measure A is applicable. For work within the rights-of-way, see Mitigation Measure B in the Negative Declaration.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XIII. AESTHETICS. Would the proposal:				
a) Affect a scenic vista or scenic highway?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Have a demonstrated negative aesthetic effect?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Create light or glare?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The proposed projects will occur within utility rights of way that will be either be undergrounded or on existing poles. Undergrounded facilities will have no demonstrated negative aesthetic effects. *However, landscaped utility rights-of-way may be impacted by trenching activities.* Additional lines on the poles may be a concern, but the proposed cables are not easily discernible and will unlikely have a negative impact. The only scenario where an aesthetic effect can occur is if the number of competitors for a particular area become so heavy that the cables on the poles become excessive. There is potential for an increase in service boxes if the boxes cannot be installed within buildings or underground. Should this occur, the petitioners should follow Mitigation Measures (B) and (I) as described in the Negative Declaration.

XIV. CULTURAL RESOURCES. Would the proposal:

a) Disturb paleontological resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Disturb archaeological resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Affect historical resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Have potential to cause a physical change which would affect unique ethnic cultural values?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Restrict existing religious or sacred uses within the potential impact area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The projects will involve existing utility facilities or established rights-of-way that are assumed to be clear from any paleontological, historical or archaeological resources. However, some projects may require excavation or trenching of utility rights-of-way, or outside the rights-of-way. If *known or* unanticipated cultural resources are encountered during such work, then the Mitigation Measures (B) and (J) should be followed. See Negative Declaration for details.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--	--------------------------------------	--	------------------------------------	--------------

XV. RECREATION. Would the proposal:

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Increase the demand for neighborhood or regional parks or other recreational facilities? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Affect existing recreational opportunities? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

The projects will have no impact on recreational facilities or opportunities since these resources have no direction relationship to increased competition in local telephone services.

XVI. MANDATORY FINDINGS OF SIGNIFICANCE.

- | | | | | |
|---|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probably future projects.) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

APPENDIX B

PROJECT SPONSORS AND ADDRESSES

- | | |
|--|--|
| 1. Eagle Communications of California, LLC
1.95-04-044 (Pet. 132) | 60 East 56 th Street
New York, NY 10022 |
| 2. US Data Highway Corp.
1.95-04-044 (Pet. 133) | 1113 Hopkins Way
Pleasanton, CA 94566 |
| 3. Seren Innovations, Inc.
1.95-04-044 (Pet. 134) | 15 South 5 th Street, Suite 500
Minneapolis, MN 55402 |
| 4. HTC Communications, LLC
1.95-04-044 (Pet. 135) | 2131 N. Lamer Street
Burbank, CA 91504 |
| 5. Network Plus, Inc.
1.95-04-044 (Pet. 136) | 234 Copeland Street
Quincy, MA 02169 |
| 6. Campuslink Communications Systems, Inc.
1.95-04-044 (Pet. 137) | 1530 Eisenhower Place
Ann Arbor, MI 48108 |
| 7. XL Networks, Inc.
1.95-04-044 (Pet. 138) | 909 Via Mirola
Palos Verdes Estates, CA 90274 |
| 8. Triad Communications Corporation
1.95-04-044 (Pet. 139) | 2420 Sand Hill Road
Menlo, Park, CA 94025 |
| 9. NTC Network, LLC
1.95-04-044 (Pet. 140) | 700 Wilshire Boulevard, 7 th Floor
Los Angeles, CA 90017 |

Appendix C

Mitigation Monitoring Plan

Competitive Local Carriers (CLCs)

Projects for Local Exchange Telecommunication Service throughout California

Introduction:

The purpose of this section is to describe the mitigation monitoring process for the CLCs' proposed projects and to describe the roles and responsibilities of government agencies in implementing and enforcing the selected mitigation measures.

California Public Utilities Commission (Commission):

The Public Utilities Code confers authority upon the Commission to regulate the terms of service and safety, practices and equipment of utilities subject to its jurisdiction. It is the standard practice of the Commission to require that mitigation measures stipulated as conditions of approval be implemented properly, monitored, and reported on. Section 21081.6 of the Public Utilities Code requires a public agency to adopt a reporting and monitoring program when it approves a project that is subject to the adoption of a mitigated negative declaration.

The purpose of a reporting and monitoring program is to ensure that measures adopted to mitigate or avoid significant environmental impacts are implemented. The Commission views the reporting and monitoring program as a working guide to facilitate not only the implementation of mitigation measures by the project proponents, but also the monitoring, compliance and reporting activities of the Commission and any monitors it may designate.

The Commission will address its responsibility under Public Resources Code Section 21081.6 when it takes action on the CLCs' petitions to provide local exchange telephone service. If the Commission adopts the Negative Declaration and approves the petitions, it will also adopt this Mitigation Monitoring Plan as an attachment to the Negative Declaration.

Project Description:

The Commission has authorized various companies to provide local exchange telephone service in competition with Pacific Bell, GTE California, Roseville Telephone Company and Citizens Telephone Company of California. The current petitioners notified the Commission of their intent to compete in the territories throughout California, all of which are facilities-based services meaning that they propose to use their own facilities to provide service.

Step 1: Disputes and complaints (including those of the public) shall be directed first to the Commission's designated Project Manager for resolution. The Project Manager will attempt to resolve the dispute.

Step 2: Should this informal process fail, the Commission Project Manager may initiate enforcement or compliance action to address deviation from the proposed project or adopted Mitigation Monitoring Program.

Step 3: If a dispute or complaint regarding the implementation or evaluation of the Mitigation Monitoring Program or the Mitigation Measures cannot be resolved informally or through enforcement or compliance action by the Commission, any affected participant in the dispute or complaint may file a written "notice of dispute" with the Commission's Executive Director. This notice shall be filed in order to resolve the dispute in a timely manner, with copies concurrently served on other affected participants. Within 10 days of receipt, the Executive Director or designee(s) shall meet or confer with the filer and other affected participants for purposes of resolving the dispute. The Executive Director shall issue an Executive Resolution describing his decision, and serve it on the filer and the other participants.

Parties may also seek review by the Commission through existing procedures specified in the Commission's Rules of Practice and Procedure, although a good faith effort should first be made to use the foregoing procedure.

Mitigation Monitoring Program:

1. As discussed in Mitigation Measure B, the petitioners shall file a quarterly report which summarizes those projects which they intend to construct for the coming quarter. The report will contain a description of the project and its location, and a summary of the petitioner's compliance with the Mitigation Measures described in the Negative Declaration. The purpose of the report is to inform the local agencies of future projects so that coordination of projects among petitioners in the same locality can be done. The quarterly report shall be filed with the appropriate planning agency of the locality where the project(s) will occur. The report shall also be filed as an informational advice letter with the Commission's Telecommunications Division so that petitioner compliance with the Mitigation Measures are monitored..

In order to ensure that the Mitigation Measures are fulfilled, the Commission will make periodic reviews of the projects listed in quarterly reports. The projects will be generally chosen at random, although the Commission will review any project at its discretion. The reviews will follow-up with the local jurisdictions so that all applicable Mitigation Measures are addressed.

If any project is expected to go beyond the existing utility rights-of-way, that project will require a separate petition to modify the CPCN. The petitioner shall file the petition with the Commission and shall also inform the affected local agencies in writing. The local agencies are also responsible for informing the Commission of any project listed in the quarterly reports which may potentially go out of the existing utility right-of-way. As discussed in Mitigation Measure A, a complete environmental review of the project will be triggered under CEQA, with the Commission as the lead agency.

2. In the event that the petitioner and the local agency do not agree if a project results in work outside of the utility rights-of-way, the Commission will review the project and make the final determination. See **Dispute Resolution Process** discussed above.

3. For projects that are in the utility rights-of-way, the petitioners shall abide by all applicable local standards as discussed in the Mitigation Measures. If a petitioner fails to comply with local regulatory standards by either neglecting to obtain the necessary permits, or by neglecting to follow the conditions of the permits, the local agency shall notify the Commission and **Dispute Resolution Process** begins..

4. The Commission is the final arbiter for all unresolvable disputes between the local agencies and the petitioners. If the Commission finds that the petitioner has not complied with the Mitigation Measures in the Negative Declaration, it may halt and terminate the project.

Since many of the facilities-based petitioners are initially targeting local telephone service for areas where their telecommunications infrastructure is already established, very little construction is envisioned. However, there will be occasion where the petitioners will need to install fiber optic cable within existing utility underground conduits or attach cables to overhead lines. There is the possibility that existing utility conduits or poles will be unable to accommodate all the planned facilities, thereby forcing some petitioners to build or extend additional conduits into other rights-of-way, or into undisturbed areas. For more details on the project description please see **Project Description** in the Negative Declaration.

Roles and Responsibilities:

As the lead agency under the California Environmental Quality Act (CEQA), the Commission is required to monitor this project to ensure that the required mitigation measures are implemented. The Commission will be responsible for ensuring full compliance with the provisions of this monitoring program and has primary responsibility for implementation of the monitoring program. The purpose of this monitoring program is to document that the mitigation measures required by the Commission are implemented and that mitigated environmental impacts are reduced to insignificance or avoided outright.

Because of the geographic extent of the proposed projects, the Commission may delegate duties and responsibilities for monitoring to other environmental monitors or consultants as deemed necessary. For specific enforcement responsibilities of each mitigation measure, please refer to the Mitigation Monitoring Table attached to this plan.

The Commission has the ultimate authority to halt any construction, operation, or maintenance activity associated with the CLC's local telephone service projects if the activity is determined to be a deviation from the approved project or adopted mitigation measures. For details refer to the mitigation monitoring plan discussed below.

Mitigation Monitoring Table:

The table attached to this plan presents a compilation of the Mitigation Measures in the Negative Declaration. The purpose of the table is to provide the monitoring agencies with a single comprehensive list of mitigation measures, effectiveness criteria, the enforcing agencies, and timing.

Dispute Resolution Process:

The Mitigation Monitoring Plan is expected to reduce or eliminate many potential disputes. However, in the event that a dispute occurs, the following procedure will be observed:

Mitigation Monitoring Table

Impact	Mitigation Measure	Monitoring	Enforcement	Responsible Agency	Timing
ALL FACTORS					
Extension or work beyond or outside of of the existing utility right-of-way into undisturbed areas.	A. Petitioner must file a Petition to modify its CPCN. An appropriate environmental study of the project is done.	Quarterly reports.	Any work outside of existing utility right-of-way is assessed through an environmental study.	CPUC	Before construction
CUMULATIVE EFFECTS					
Cumulative impacts due to multiple disturbances to a particular area.	B. Coordination efforts among the petitioners and the affected local agencies so that construction projects in the same location can be combined or simultaneous.	Quarterly reports.	The number and duration of disturbances to a particular area are minimized.	Local agencies.	Before construction
GEOLOGICAL RESOURCES					
Potential erosion due to excavation, grading and fill.	C. Petitioners shall comply with all local design, construction and safety standards through permit process. Erosion control plans for areas identified as susceptible to erosion.	Quarterly reports.	Erosion at the project areas is contained.	Local agencies.	Before and during construction.
WATER RESOURCES					
Potential impact on water resources, underground or surface due to excavation or grading work.	D. Petitioners shall consult with all appropriate water resource agencies for projects in close proximity to water resources. Appropriate mitigation plans shall be developed and compliance to all local and state water regulations is required.	Quarterly reports.	Impacts to water quality, drainage, flow, direction and quantity are averted.	Federal agencies Local agencies. Applicable state water resource agencies.	Before and during construction.

* The CPUC is ultimately responsible for compliance with the mitigation measures listed in this document, but shall defer the responsibility to federal, state and local agencies, unless otherwise designated.

Mitigation Monitoring Table

HAZARDS					
Potential increase in overhead poles and communication lines.	G. Petitioner shall obtain all necessary building permits for the poles. CPUC will inspect the overhead lines.	Quarterly reports.	Poles are built in compliance with local safety standards. Lines are inspected and maintained as safe.	CPUC Local agencies.	Before and during construction.
NOISE					
Noise standards for the area are exceeded due to construction.	H. All applicable noise standards shall be complied with by the petitioners. Petitioners shall notice the surrounding area of construction dates and times.	Quarterly reports.	Noise from construction is kept to levels that do not exceed local standards.	Local agencies	Before and during construction.
AESTHETICS					
Service boxes or cabinets may be a visual blight. Landscaping in utility right-of-way may be impacted by trenching.	I. All applicable aesthetic standards will be met by petitioners for above-ground facilities, especially service cabinets. Consult with local agencies on proper restoration of landscaping.	Quarterly reports.	Cabinets are placed within existing buildings, underground, or in areas that are landscaped so that aesthetic impacts are minimized. Landscaping restored to original form.	Local agencies.	Before and during construction.
CULTURAL RESOURCES					
Cultural resources are encountered during construction; resources are damaged or moved.	J. All earthmoving that would impact the resources shall cease or be altered until the petitioner retains the service of an archaeologist who will propose mitigation. Thorough research done prior to construction to avoid known resources.	Quarterly reports.	Cultural resources that are encountered are not destroyed or adversely impacted.	Local, state and/or federal agencies.	Before and during construction.

(END OF APPENDIX D)

PROOF OF SERVICE BY MAIL

I, Lillian Li, declare:

I am over the age of 18 years, not a party to this proceeding, and am employed by the California Public Utilities Commission at 505 Van Ness Avenue, San Francisco, California.

On 6/24/99, I deposited in the mail at San Francisco, California, a copy of:

99-06-083
(DECISION NUMBER OR TYPE OF HEARING)

6/24/99
(DATE OF HEARING)

R95-04-043/295-04-044
(APPLICATION/CASE/OII/OIR NUMBER)

in a sealed envelope, with postage prepaid, addressed to the last known address of each of the addressees in the attached list.

I declare under penalty of perjury that the foregoing is true and correct and that this declaration was executed on 6/24/99, at San Francisco, California.

Lillian Li

*Signature
9/92

CA-21
6/24/99

R 95-04-043
I 95-04-044

DECISION: 99-06-083
MAIL DATE: 6/24/99

Copy of "OPINION" and order mailed to the following.

SEE ATTACHED LIST FOR APPEARANCES, STATE SERVICE

6/18/99
lil

Count 245

***** SERVICE LIST *****

Last updated on 18-JUN-1999 by: LIL
R9504043 LIST
I9504044

***** APPEARANCES *****

Matthew C. Ames
WILLIAMS MALONE/WILLIAMS L. LOWERY
Attorney At Law
1155 CONNECTICUT AVE., NW, STE. 1000
WASHINGTON DC 20036
(202) 785-0600
mames@millervaneaton.com
For: BO&MAI/IREM/NAA/NAREIT/NMHC

Randolph W. Deutsch
Attorney At Law
AT&T COMMUNICATIONS OF CALIFORNIA, INC.
795 FOLSOM STREET, ROOM 690
SAN FRANCISCO CA 94107
(415) 442-5560
deutsch@lga.att.com

Jerry Varcak
Vice President
BANK OF AMERICA
PO BOX 37000, DEPT 13892
SAN FRANCISCO CA 94137
(925) 675-1042
gerald.varcak@bankamerica.com

Jeffrey F. Beck
BECK & ACKERMAN
4 EMBARCADERO CENTER, SUITE 760
SAN FRANCISCO CA 94111
(415) 263-7300
jillbit@aol.com

Stephen P. Bowen
Attorney At Law
BLUMENFELD & COHEN
4 EMBARCADERO CENTER, SUITE 1170
SAN FRANCISCO CA 94111
(415) 394-7500
steve@technologylaw.com
For: SpectraNet International

Walter C. Finch
Executive Vice President
BOMA CALIFORNIA
1000 BROADWAY, SUITE 355
OAKLAND CA 94607-4090

William Brown
SUITE 14E06
1100 PEACHTREE ST, NE
ATLANTA GA 30309-4599
For: bakersfield cellular

Debra L. Carlton
Vice President
CALIFORNIA APARTMENT ASSOCIATION
980 NINTH STREET, STE 2150
SACRAMENTO CA 95814-2741
(916) 447-7881

Darlene Clark
CALIFORNIA CABLE TELEVISION ASSN.
PO BOX 11080
OAKLAND CA 94611
(510) 428-2225
CACableTV@aol.com

Jerome Candelaria
Attorney At Law
CALIFORNIA CABLE TV ASSOCIATION
4341 PIEDMONT AVENUE, 2ND FLOOR
OAKLAND CA 94611-4715
For: CCTA, AT&T, ICG, TCG San Francisco, TCG Los Angeles, TCG San Diego

Carmela Castellano
1535 MISSION STREET
SAN FRANCISCO CA 94103

Joshua M. King
Senior Counsel
CELLULAR ONE/DIGITAL PCS
651 GATEWAY BLVD., SUITE 1500
SOUTH SAN FRANCISCO CA 94080
(650) 827-5656

Jon Chambers
1850 M STREET, N.W. 11TH FLR.
WASHINGTON DC 20036
For: Sprint Telecommunications Venure

***** SERVICE LIST *****

Charles E. Born
Director, Regulatory Affairs
CITIZENS COMMUNICATIONS
7901 FREEPORT BLVD., SUITE 200
SACRAMENTO CA 95832
(916) 665-5355
cborn@czn.com

Barbara L. Snider
Attorney At Law
CITIZENS COMMUNICATIONS COMPANY
7901 FREEPORT BLVD., SUITE 100
SACRAMENTO CA 95832
(916) 665-5335
bsnider@czn.com

Louise Renne
CITY AND COUNTY OF SAN FRANCISCO
1390 MARKET ST., SUITE 250
SAN FRANCISCO CA 94102
For: City of LA/Sacramento/San Carlos/San Jose/
Santa Monica/San Mateo Cnty Tel Auth/City & Cnty
San

Robert D. Herrick
City Attorney
CITY OF MORENO VALLEY
14177 FREDERICK STREET
MORENO VALLEY CA 92552-0805
(909) 413-3036
For: CITY OF MORENO VALLEY

Nick Rahe
CITY OF SANTA ANA
PO BOX 1988
SANTA ANA CA 92702

Traci Bone
JULIA M.C. FRIEDLANDER
Deputy City Attorney
CITY/COUNTY OF SAN FRANCISCO
1390 MARKET ST., 5TH FLOOR
SAN FRANCISCO CA 94102-5408
(415) 554-4257
For: The City of LA/Sacramento/San Carlos/San
Jose/Santa Monica;San Mateo Co Telcom Auth;S.F.
City &

Terry Monroe
Vice President, State Affairs
COMPETITIVE TELECOMMUNICATIONS ASSN
1900 M STREET, N.W., SUITE 800
WASHINGTON DC 20036
(202) 296-6650
tmonroe@comptel.org

E. Garth Black
Attorney At Law
COOPER, WHITE & COOPER
201 CALIFORNIA ST., 17TH FLOOR
SAN FRANCISCO CA 94111
(415) 433-1900
spbl@cwclaw.com

Mark P. Schreiber
Attorney At Law
COOPER, WHITE & COOPER, LLP
201 CALIFORNIA STREET, 17TH FLOOR
SAN FRANCISCO CA 94111
(415) 433-1900
spbl@cwclaw.com
For: Roseville Telephone Company/Smaller
Independent LECs

Dhruv Khanna
Vice President, General Counsel
COVAD COMMUNICATIONS COMPANY
2330 CENTRAL EXPRESSWAY
SANTA CLARA CA 95050
(408) 490-4560
dkhanna@covad.com

Carrington Phillip
COX CALIFORNIA TELCOM INC.
1400 LAKE HEARN DRIVE NE
ATLANTA GA 30319

Richard Smith
Director, State Regulatory Affairs
COX CALIFORNIA TELCOM, LLC
2200 POWELL STREET, SUITE 795
EMERYVILLE CA 94608-2618
(510) 923-6220
richard.smith@cox.com

Karen L. Peterson
Attorney At Law
CROSBY HEAFEY ROACH & MAY
1999 HARRISON STREET, 26TH FLOOR
OAKLAND CA 94612
(510) 466-6855
klpeterson@chrn.com

Daniel M. Waggoner
DAVIS WRIGHT TERMAINE
2600 CENTURY SQUARE
1501 FOURTH AVENUE
SEATTLE WA 98101-1688

***** SERVICE LIST *****

David J. Marchant
Attorney At Law
DAVIS WRIGHT TREMAINE LLP
ONE EMBARCADERO CENTER, STE 600
SAN FRANCISCO CA 94111-3834
(415) 276-6568
davidmarchant@dwt.com
For: Teleport Commun.Grp,Cable Plus,

Jerrey P. Gray
Attorney At Law
GOODIN MACBRIDE SQUERI RITCHIE & DAY LLP
505 SANSOME STREET, STE 900
SAN FRANCISCO CA 94111
(415) 392-7900
jsqueri@gmssr.com
For: Mountain Celluar

Mark P. Trincherro
Attorney At Law
DAVIS WRIGHT TREMAINE LLP
1300 SW 5TH AVENUE, SUITE 2300
PORTLAND OR 97201
For: ELECTRIC LIGHTWAVE

John L. Clark
Attorney At Law
GOODIN MACBRIDE SQUERI RITCHIE & DAY LLP
505 SANSOME STREET, 9TH FLOOR
SAN FRANCISCO CA 94111
(415) 765-8443
jclark@gmssr.com
For: HTC COMMUNICATIONS, LLC

Jones Day
555 W FIFTH ST SUITE 4600
LOS ANGELES CA 90013

Michael B. Day
Attorney At Law
GOODIN MACBRIDE SQUERI RITCHIE & DAY LLP
505 SANSOME STREET, SUITE 900
SAN FRANCISCO CA 94111-3133
(415) 392-7900
mday@gmssr.com

Shelly Bergum
Executive Director
DEAF & DISABLED TELECOM PROGRAM
1939 HARRISON STREET, SUITE 520
OAKLAND CA 94612-3532

Peter W. Hanschen
Attorney At Law
GRAHAM AND JAMES LLP
ONE MARITIME PLAZA, SUITE 300
SAN FRANCISCO CA 94111
(415) 954-0258
phanschen@gj.com

Virginia J. Taylor
Attorney At Law
DEPARTMENT OF CONSUMER AFFAIRS
400 R STREET, SUITE 3090
SACRAMENTO CA 95814-6200
(916) 445-5126

Barry Pineles
Regulatory Counsel
GST TELECOM, INC.
4001 MAIN STREET
VANCOUVER WA 98663
(360) 906-7104
bpineles@gstworld.net

Laura H. Phillips
DOW LOHNES & ALBERTSON
1200 NEW HAMPSHIRE AVENUE, N.W.
WASHINGTON DC 20036-6802

Penny H. Bewick
Government & Industry Affairs
ELECTRIC LIGHTWAVE, INC.
4400 NE 77TH AVENUE, PO BOX 4678
VANCOUVER WA 98662-0678
(360) 896-3211

Susan Rossi
GTE OF CALIFORNIA INCORPORATED
LEGAL DEPARTMENT
ONE GTE PLACE, CA500LB
THOUSAND OAKS CA 91362-3811
(805) 372-6358
susan.rossi@telops.gte.com

Hal Kluis
President
EVANS TELEPHONE COMPANY
4918 TAYLOR COURT
TURLOCK CA 95382-9599

Bill Tynes
FEDERAL COMMUNICATIONS CORPORATION
131 ALBRIGHT WAY SUITE C
LOS GATOS CA 95030

***** SERVICE LIST *****

Schelly Jensen
Manager-Government Relations
GTE WIRELESS
12677 ALCOSTA BOULEVARD
SAN RAMON CA 94583-0811
(510) 904-3908

Bruce M. Holdridge
Director, Government Affairs
ICG TELECOM GROUP, INC.
180 GRAND AVENUE, SUITE 1000
OAKLAND CA 94612
(510) 251-7033

K.S. Noller
Assistant General Manger
IMPERIAL IRRIGATION DISTRICT
PO BOX 937
IMPERIAL CA 92251

Earl Nicholas Selby
Attorney At Law
LAW OFFICES OF EARL NICHOLAS SELBY
418 FLORENCE STREET
PALO ALTO CA 94301-1705
(650) 323-0990
enselby@wenet.net

Kim Logue
Regulatory Analyst
LCI INTERNATIONAL TELECOM CORP.
4250 N. FAIRFAX DRIVE, 12W002
ARLINGTON VA 22203
(703) 363-4321
kim.logue@qwest.net

Terry J. Houlihan
Attorney At Law
MCCUTCHEN DOYLE BROWN & ENERSEN LLP
3 EMBARCADERO CENTER, 18TH FLOOR
SAN FRANCISCO CA 94111
(415) 393-2022
thoulihan@mdbe.com

William C. Harrelson
ANTHONY DITIRRO
Attorney At Law
MCI WORLDCOM
201 SPEAR STREET, 9TH FLOOR
SAN FRANCISCO CA 94105
(415) 228-1090
william.harrelson@wcom.com

Woody Trayler
MCIMETRO
2250 LAKESIDE BLVD
RICHARDSON TX 75082

Mary E. Wand
Attorney At Law
MORRISON & FOERSTER LLP
425 MARKET STREET
SAN FRANCISCO CA 94105
(415) 268-7201
mwand@mofo.com

Hojoon Hwang
Attorney At Law
MUNGER TOLLES & OLSON LLP
355 S. GRAND AVE., 35TH FLOOR
LOS ANGELES CA 90071-1560
(213) 683-9150
hwanghx@mto.com

Burton Gross
MUNGER, TOLLES & OLSON, LLP
33 NEW MONTGOMERY STREET 19TH FLOOR
SAN FRANCISCO CA 94105
(415) 512-4024
grossba@mto.com

Terry Murray
MURRAY & ASSOCIATES
227 PALM DRIVER
PIEDMONT CA 94610

Helen M. Mickiewicz
Legal Division
RM. 5123
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-1319
hmm@cpuc.ca.gov

Joseph R. Cocke
NORTH AMERICAN NUMBERING PLAN ADM
SUITE 349
2060-D AVENUE ARBOLES
THOUSAND OAKS CA 91362

Martin A. Mattes
Attorney At Law
NOSSAMAN GUTHNER KNOX & ELLIOTT, LLP
50 CALIFORNIA STREET, 34TH FLOOR
SAN FRANCISCO CA 94111-4799
(415) 398-3600
mmattes@nossaman.com

Robert J. Gloistein
Attorney At Law
ORRICK HERRINGTON & SUTCLIFFE, LLP
400 SANSOME STREET
SAN FRANCISCO CA 94111-3143
(415) 773-5900
rgloistein@orrick.com

***** SERVICE LIST *****

David Discher
ROBERT J. MAZIQUE
Attorney At Law
PACIFIC BELL
140 NEW MONTGOMERY ST, ROOM 1517
SAN FRANCISCO CA 94105
(415) 542-7747
david.discher@pactel.com
For: Pacific Bell

Ed Kolto Wininger
Attorney At Law
PACIFIC BELL
140 NEW MONTGOMERY ST., ROOM 1619
SAN FRANCISCO CA 94105
(415) 545-9422
ed.kolto.wininger@pactel.com

Nicola Erbe
Attorney At Law
PACIFIC BELL
140 NEW MONTGOMERY ST., ROOM 1514
SAN FRANCISCO CA 94105
(415) 542-7691
nicola.erbe@pactel.com

Louis E. Vincent
Attorney At Law
PACIFIC GAS AND ELECTRIC COMPANY
PO BOX 7442
SAN FRANCISCO CA 94120
(415) 973-2981
For: Pacific Gas and Electric Company

Michelle L. Wilson
Attorney At Law
PACIFIC GAS AND ELECTRIC COMPANY
PO BOX 7442, LAW DEPT.
SAN FRANCISCO CA 94120
(415) 973-7467
For: PACIFIC GAS AND ELECTRIC COMPANY

Isabelle Salgado
PACIFIC TELESIS LEGAL GROUP
2600 CAMINO RAMON, ROOM 2W802
SAN RAMON CA 94583

Peter A. Casciato
Attorney At Law
PETER A. CASCIATO, A PROF. CORP.
8 CALIFORNIA STREET, SUITE 701
SAN FRANCISCO CA 94111-4825
(415) 291-8661
casciato@dnai.com
For: ASSOCIATION OF DIRECTORY PUBLISHERS

Randall B. Lowe
PIPER & MARBURY, L.L.P.
1200 NINETEENTH STREET, NW
WASHINGTON DC 20036

Cheryl Hills
Attorney At Law
PRIMA LEGAL SERVICES
2317 BROADWAY, SUITE 350
REDWOOD CITY CA 94063
(650) 261-0500
chills@primelegal.com
For: Cox California Telcom

Maria E. Andrade
PUBLIC ADVOCATES, INC.
1535 MISSION STREET
SAN FRANCISCO CA 94103-2500
(415) 431-7430
MariaEAndrade@hotmail.com

Daniel Weaver
SAN FRANCISCO BEAUTIFUL
41 SUTTER STREET, SUITE 709
SAN FRANCISCO CA 94104

Natalie D. Wales
Attorney At Law
SPRINT COMMUNICATIONS COMPANY L.P.
1850 GATEWAY DRIVE, 7TH FLOOR
SAN MATEO CA 94404-2467
(650) 513-2732
natalie.d.wales@mail.sprint.com

Andrew Lipman
SWIDLER BERLIN SHEREFF FRIEDMAN, LLP
3000 K ST NW STE 300
WASHINGTON DC 20007

Peter J. Stapp
Vice President Of Regulatory Policy
TCI TELEPHONY SERVICES, INC.
5619 DTC PARKWAY
ENGLEWOOD CO 80111-3000

***** SERVICE LIST *****

Andrew O. Isar
Director, Industry Relations
TELECOMMUNICATIONS RESELLERS ASSN.
4312 92ND AVENUE, N.W.
GIG HARBOR WA 98335
(253) 265-3910
aisar@harbor-group.com

Deborah Waldbaum
KAREN NOTSUND
Attorney At Law
TELEPORT COMMUNICATIONS GROUP INC
1350 TREAT BOULEVARD, STE 500
WALNUT CREEK CA 94596

Michael A. Morris
Regional Vice President
TELEPORT COMMUNICATIONS GROUP INC.
REGULATORY AND EXTERNAL AFFAIRS
1350 TREAT BLVD.
WALNUT CREEK CA 94596
(916) 949-0600
mmorris@tcg.com

Thomas Long
THE UTILITY REFORM NETWORK
505 VAN NESS AVE., STE 350
SAN FRANCISCO CA 94102
(415) 929-8879
tlong@turn.org

Cecil O. Simpson, Jr.
US ARMY LEGAL SERVICES AGENCY
901 NORTH STUART STREET, SUITE 713
ARLINGTON VA 22203-1837
(703) 696-1643
simpsco@hqda.army.mil

Susan Davis Morley
WIGGINS & VILLACORTA, P.A.
2145 DELTA BOULEVARD, STE 200
TALLAHASSEE FL 32302
(850) 385-6007
wiggvill@nettally.com

Michael J. Thompson
Attorney At Law
WRIGHT & TALISMAN, PC
1200 G STREET, N.W., STE 600
WASHINGTON DC 20005
(202) 393-1200
thompson@wrightlaw.com

David A. Simpson
Attorney At Law
YOUNG VOGL HARLICK WILSON & SIMPSON LLP
425 CALIFORNIA ST., STE 2500
SAN FRANCISCO CA 94104
(415) 291-1970
das@bizlaw.net
For: Western Fiber telecom, LLC

David M. Wilson
Attorney At Law
YOUNG VOGL HARLICK WILSON & SIMPSON LLP
425 CALIFORNIA STREET, STE 500
SAN FRANCISCO CA 94104-2107
(415) 291-1970

***** STATE SERVICE *****

Joseph A. Abhulimen
Telecommunications Division
AREA 3-E
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-1458
jaa@cpuc.ca.gov

Natalie Billingsley
Office of Ratepayer Advocates
RM. 4101
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-1368
nxb@cpuc.ca.gov

Mary Jo Borak
Telecommunications Division
AREA 3-D
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-1879
bor@cpuc.ca.gov

Danny Shields
Manager
CALTRANS RIGHTS-OF-WAY PROGRAMS
1120 N STREET, MS 37
SACRAMENTO CA 95814-5690

Tracey F. Pirie
Administrative Analyst
CITY OF SANTA BARBARA
PO BOX 1990
SANTA BARBARA CA 93102-1990

***** SERVICE LIST *****

Jerry Jazmadarian
Telcommunications Manager
COUNTY OF PLACER
2809 SECOND STREET
AUBURN CA 95603
(530) 889-7735

Brian M. Chang
Office of Ratepayer Advocates
RM. 4205
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-1333
bmc@cpuc.ca.gov

Robert T. Feraru
Public Advisor Office
RM. 5303
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-2074
rtf@cpuc.ca.gov

Janice L. Grau
Legal Division
RM. 5023
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-1960
jlg@cpuc.ca.gov

Risa Hernandez
Telecommunications Division
AREA 3-D
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-5331
rhh@cpuc.ca.gov

Karen Jones
Telecommunications Division
AREA 3-D
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-1955
kaj@cpuc.ca.gov

Ira Kalinsky
Legal Division
RM. 5027
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-2130
kal@cpuc.ca.gov

Victoria S Kolakowski
ORA/CIB
Office of Ratepayer Advocates
RM. 4102
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-2245
vsk@cpuc.ca.gov
For: ROOM 4102, 3-2245

Jonathan Lakritz
Telecommunications Division
AREA 3-E
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-2117
jol@cpuc.ca.gov

Thomas Lew
Office of Ratepayer Advocates
RM. 4205
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-1784
tho@cpuc.ca.gov

Bill Neill
Private Citizen, Professional Engineer
PO BOX 33666
SAN DIEGO CA 92163-3666
(619) 231-1313
PROEV@MILL.NET

Barbara Ortega
Executive Division
RM. 5109
320 WEST 4TH STREET SUITE 500
LOS ANGELES CA 90013
(213) 576-7070
bho@cpuc.ca.gov

Dale Piiru
Office of Ratepayer Advocates
RM. 4101
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-1726
dgp@cpuc.ca.gov

Thomas R. Pulsifer
Administrative Law Judge Division
RM. 5005
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-2386
trp@cpuc.ca.gov

***** SERVICE LIST *****

Jacqueline A. Reed
Administrative Law Judge Division
RM. 5117
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-2935
jar@cpuc.ca.gov

Utilities And Communications Committee
SENATE ENERGY
STATE CAPITOL ROOM 408
SACRAMENTO CA 95814

Eleanor Yung Szeto
Telecommunications Division
AREA 3-D
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-2253
eys@cpuc.ca.gov

Leah A. Senitte
9-1-1 Program Mgr.
TELECOMMUNICATIONS DIVISION
601 SEQUOIA PACIFIC BLVD
SACRAMENTO CA 95814-0282

Allan G. Tolman
Department of General Services
TELEPHONE & NETWORK SVCS.
601 SEQUOIA PACIFIC BLVD.
SACRAMENTO CA 95814

Jensen Uchida
Telecommunications Division
AREA 3-D
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-5953
jmu@cpuc.ca.gov

Lionel B. Wilson
Legal Division
RM. 5136
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-1642
lbw@cpuc.ca.gov

Clifford G. Rudolph
President And Chief Exec. Officer
ADVANCED TELCOM GROUP, INC.
885 N. SAN ANTONIO ROAD, SUITE R
LOS ALTOS CA 94022
(650) 559-8900

Richard C. Nelson
Director - Regulatory
AIRTOUCH COMMUNICATIONS, INC.
ONE CALIFORNIA STREET, 28TH FLOOR
SAN FRANCISCO CA 94111-5401
(415) 658-2059

Mark J. Angell
ANGELL & ASSOCIATES
1075 ROSEWOOD DRIVE
GRAPEVINE TX 76051
(817) 329-7424
For: Digital Telecommunications Services, LLC

Glenn Stover
Attorney At Law
AT&T COMMUNICATIONS
795 FOLSOM STREET, ROOM 670
SAN FRANCISCO CA 94107
(415) 442-5550
gstover@att.com

William A. Ettinger
Attorney At Law
AT&T COMMUNICATIONS OF CALIFORNIA, INC.
795 FOLSOM STREET, ROOM 625
SAN FRANCISCO CA 94107
(415) 442-2783
ettinger@att.com
For: AT&T Communications of California, Inc.

Kurt Maass
AT&T WIRELESS SERVICES, INC.
5400 CARILLON POINT
KIRKLAND WA 98033

Mary Kruchten
BANK OF AMERICA
PO BOX 37000 DEPT 13411
SAN FRANCISCO CA 94137

***** INFORMATION ONLY *****

M. Manuel Fishman
Attorney At Law
BARTKO ZANKEL TARRANT MILLER
900 FRONT STREET, STE 300
SAN FRANCISCO CA 94111
(415) 956-1900
mfishman@bztm.com

***** SERVICE LIST *****

Charles L. Best
Attorney At Law
1220 S.W. MORRISON ST., SUITE 805
PORTLAND OR 97205

Stephen P. Bowen
Attorney At Law
BLUMENFELD & COHEN
4 EMBARCADERO CENTER, SUITE 1170
SAN FRANCISCO CA 94111
(415) 394-7500
steve@technologylaw.com

James E. Pickrell
BRAND X INTERNET
927 6TH STREET
SANTA MONICA CA 90403
(310) 395-5500

Milton J. Morris, Esq.
Attorney
BROOKS FIBER COMMUNICATIONS OF SAC.
10316 PLACER LANE
SACRAMENTO CA 95827
(916) 431-5105
For: Brooks Fiber Communications of Sacramento,
Inc.

Rachel J. Rothstein
Senior Regulatory Counsel
CABLE & WIRELESS, INC.
8219 LEESBURG PIKE
VIENNA VA 22182
(703) 734-4439

Jeff Kositsky
CAL/NEVA COMMUNITY ACTION
225 30TH ST STE 200
SACRAMENTO CA 95814

Traci Nutter
CALIFORNIA PAYPHONE ASSOCIATION
1866 CLAYTON ROAD, SUITE 213
CONCORD CA 94520

Jeffrey Elkins Ceo
CALTECH INTERNATIONAL TELECOM
197 JOAQUIN CIRCLE
DACVILLE CA 94526

Douglas F. Carlson
POST OFFICE BOX 12574
BERKELEY CA 94712-3574
(510) 597-9995
dfc@uclink4.berkeley.edu

Heidi Sieck Williamson
Dept Of Telecommunications & Information
CITY & COUNTY OF SAN FRANCISCO
875 STEVENSON STREET, 5TH FLOOR
SAN FRANCISCO CA 94103
(415) 554-0811
heidi_sieck-williamson@ci.sf.ca.us

Bremda Riddick
Director
CLEC IMPLEMENTATION
1250 BAYHILL DRIVE, STE 200
SANBRUNO CA 94066
(650) 794-2689
brenda.riddick@ren.net

Michele Tennant
COLE RAYWID BRAVERMAN
1919 PENNSYLVANIA AVE., NW., SUITE 200
WASHINGTON DC 20006-3458

Nancy Biagini
Cwa Staff Representative
COMMUNICATIONS WORKERS OF AMERICA
411 AIRPORT BOULEVARD
BURLINGAME CA 94010
(650) 348-7303

Ken Mceldowney
Executive Director
CONSUMER ACTION
717 MARKET STREET, SUITE 310
SAN FRANCISCO CA 94103

Thomas J. Burke
CONTEL SERVICE CORPORATION
#CA500 GCF
ONE GTE PLACE
THOUSAND OAKS CA 91362-3811

Bernard H. Chao
Esquire
COVAD COMMUNICATIONS COMPANY
2330 CENTRAL EXPRESSWAY
SANTA CLARA CA 95050
(408) 490-4367
bchao@covad.com

Alexander V. Netchvolodoff
Vice President Of Public Policy
COX ENTERPRISES, INC.
1225 19TH STREET NW, STE 450
WASHINGTON DC 20036-2458

***** SERVICE LIST *****

Cherrie Conner
Telecommunications Division
AREA 3-D
505 VAN NESS AVE
SAN FRANCISCO CA 94102
(415) 703-2767
chr@cpuc.ca.gov

Joseph Faber
Attorney
DAVIS WRIGHT TREMAINE LLP
ONE EMBARCADERO CENTER
SUITE 600
SAN FRANCISCO CA 94111-3834
(415) 276-6500
For: New Telco, d/b/a Sprint Telecommunications
Venture

Juanita Harris
DEPARTMENT OF JUSTICE/TELECOM TASK FORCE
ANTITRUST DIVISION NO.8104
1401 H STREET NW, STE 8000
WASHINGTON DC 20530
(202) 514-5642
For: DEPARTMENT OF JUSTICE

David Carter
DIALINK CORPORATION
164 E. DANA STREET
MOUNTAIN VIEW CA 94041-1508
(650) 691-9330

T.M. Eagan
Calif. Environmental & Resource Assc.
EAGAN & WARD
1024 10TH STREET, STE. 300
SACRAMENTO CA 95814-3514

Kevin P. Timpane
FIRST WORLD COMMUNICATIONS, INC.
878 ELIZABETH STREET
SAN FRANCISCO CA 94114

Esther H. Rosenthal
Regulatory Counsel
FIRSTWORLD COMMUNICATIONS
9333 GENESEE AVENUE, SUITE 200
SAN DIEGO CA 92121
(615) 552-8010

Gwen Moore
GEM COMMUNICATIONS
4201 WILSHIRE BLVD., STE 300
LOS ANGELES CA 90010

Regina Deangelis
Attorney At Law
GOODIN MACBRIDE SQUERI RITCHIE & DAY LLP
505 SANSOME STREET, SUITE 900
SAN FRANCISCO CA 94111
(415) 392-7900
For: Preferred Long Distance, Inc.

Regina M. Deangelis
Attorney At Law
GOODIN MACBRIDE SQUERI RITCHIE & DAY LLP
505 SANSOME STREET, STE 900
SAN FRANCISCO CA 94111
(415) 392-7900

Michael Gersick
GRATTAN GERSICK KARP MILLER
980 9TH STREET, 16TH FLOOR
SACRAMENTO CA 95814-2719

Gary Yaquinto
Vice President, Government Affairs
GST TELECOM INC.
1201 S. ALMA SCHOOL ROAD, STE 2000
MESA AZ 85210

Ken Snow
Director-Government Affairs
GST TELECOM, INC.
1340 TREAT BLVD., SUITE 100
WALNUT CREEK CA 94596

Margo Friedrich
Regulatory Affairs
GTE CALIFORNIA INCORPORATED
711 VAN NESS AVE., STE 300
SAN FRANCISCO CA 94102
margo.friedrich@telops.gte.com

Helen Hall
GTE CARD SERVICES INCORPORATED
5221 N. O'CONNOR BLVD., 13TH FLOOR
IRVING TX 75039

Gordon Allen
GTE CARD SERVICES INCORPORATED
1200 WALNUT HILL LANE, STE 2600
IRVING TX 75038

***** SERVICE LIST *****

Brenda J. Boykin
LOUIS GURMAN
GURMAN , BLASK & FREEDMAN, CHARTERED
1400 SIXTEENTH STREET, N.W., SUITE 500
WASHINGTON DC 20036
(202) 328-8200
For: Commco Tec Corporation

Leslie S. Spahnn
HEIM NOACK KELLY & SPAHNN
1121 L STREET, SUITE 100
SAXRAMENTO CA 95814

Linda L. Oliver
HOGAN & HARTSON
555 THIRTEENTH STREET, N.W.
WASHINGTON DC 20004-1109
(202) 637-5600
lol@dc1.hhlaw.com

Allan C. Hubbard, Esq.
Regulatory Counsel
POST OFFICE BOX 10804
300 WEST SERVICE ROAD
CHANTILLY VA 20153
(703) 478-5772
For: Access Network Services, Inc.

Jack Burk
President
INTEGRATED TELESERVICES, INC.
7108 N. FRESNO STREET, SUITE 300
FRESNO CA 93720

Richard C. Hall
INTEL CORPORATION
1900 PRAIRIE CITY RD, M/S FM4-125
FOLSOM CA 95630-9598

Lance Sentman
International Research Analyst
INTERNATIONAL TELCOM, LTD.
417 SECOND AVENUE WEST
SEATTLE WA 98119
(206) 479-2899
For: INTERNATIONAL TELCOM, LTD.

Edward W. O'Neill
Attorney At Law
JEFFER MANGELS BUTLER & MARMARO LLP
ONE SANSOME STREET, 12TH FLOOR
SAN FRANCISCO CA 94104
(415) 392-8080
ewo@jmbm.com

Jonathan E. Canis
Attorney
KELLEY DRYE & WARREN
1200 19TH STREET, N.W., SUITE 500
WASHINGTON DC 20036
(202) 955-9600
For: Intermedia Communications, Inc.

Ross A. Buntrock
BRAD E. MUTSCHELKNAUS
KELLEY DRYE & WARREN LLP
1200 19TH STREET, FIFTH FLOOR
WASHINGTON DC 20036
(202) 955-9600
For: ACSI Local Switched Services, Inc. dba
e.spire

David Klein
KLEIN ZELMAN ROTHERMEL & DICHTER, LLP
485 MADISON AVENUE
NEW YORK NY 10022
(212) 935-6020
For: Eagle Communications of California , LLC

Scott M. Johnson
Attorney At Law
LAW OFFICE OF SCOTT M. JOHNSON
21312 FOREST MEADOW
EL TORO CA 92630-5813
(949) 855-6358
For: Brand X Internet

David A. Jones
LEAGUE OF CALIFORNIA CITIES
1400 K STREET
SACRAMENTO CA 95814

Thomas Mcdonald
Attorney
LEBOEUF LAMB GREENE & MACRAE
ONE EMBARCADERO CENTER
SAN FRANCISCO CA 94111
(415) 951-1100
For: MCI Metro Access Transmission Services, I

Jacqueline R. Kinney
Attorney At Law
LEGAL AND LEGISLATIVE SERVICES
2788 LAND PARK DRIVE
SACRAMENTO CA 95818

***** SERVICE LIST *****

Terrence J. Ferguson
Senior Vice President & General Counsel
LEVEL 3 COMMUNICATIONS, LLC
3555 FARNAM STREET
OMAHA NE 68131
(402) 536-3624

General Counsel
LOS ANGELES CELLULAR TELEPHONE CO.
17785 CENTER COURT DRIVE
NORTH CERRITOS CA 90703-8575

Mark Brown
Senior Attorney
MCI TELECOMMUNICATIONS CORP.
201 SPEAR STREET, 9TH FLOOR
SAN FRANCISCO CA 94105
(415) 978-1292
For: MCI Metro Access Transmission Services, Inc.

Denise V. Thomas
MCI WORLDCOM
2678 BISHOP DRIVE, STE 200
SAN RAMON CA 94583

Nikayla Nail
Attorney At Law
MCI WORLDCOM
201 SPEAR STREET, 9TH FLOOR
SAN FRANCISCO CA 94105
(415) 228-1150
n.nail@mci.com

Mark E Brown
JOHN A. GUTTIEREZ
MEDIAONE TELECOMMUNICATIONS OF CALIF, INC
1999 HARRISON STREET, STE 660
OAKLAND CA 94612-3517

Lonn L. Beedy
METRO ONE COMMUNICATIONS
8405 S W NIMBUS AVENUE
BEAVERTON OR 97008

Francis F. Chin
General Counsel
METROPOLITAN TRANSPORTATION COMMISSION
JOSEPH P. BORT METRO CENTER
101 EIGHTH STREET
OAKLAND CA 94607-4700
(510) 464-7710

Kent Heyman, Esq.
Vice President & General Counsel
MGC COMMUNICATIONS, INC.
3165 PALMS CENTRE DRIVE
LAS VEGAS NV 89103
(702) 310-1000

Marilyn H. Ash
Associate Legal Counsel
MGC COMMUNICATIONS, INC.
3301 N. BUFFALO DRIVE
LAS VEGAS NV 89129
(702) 310-8461
mash@mgccom.com

Rocky N. Unruh
Judith A. Holiber
MORGENSTEIN & JUBELIRER LLP
ONE MARKET PLAZA
SPEAR STREET TOWER, 32ND FLOOR
SAN FRANCISCO CA 94105
(415) 896-0666

Lorrie Bernstein
MOSS ADAMS
1899 WEST MARCH LANE, SUITE F
STOCKTON CA 95207-6422
(209) 957-5851

Gregory M. Duncan, Ph.D.
Vice President
NATIONAL ECONOMIC RESEARCH ASSOC. INC.
777 SOUTH FIGUEROA STREET, STE. 4200
LOS ANGELES CA 90017

Jane Emerson
Manager Of Research
NEW PARADIGM RESOURCES GROUP, INC
12 S. MICHIGAN AVE., 5TH FLOOR
CHICAGO IL 60603

Karen M. Potkul
Attorney At Law
NEXTLINK CALIFORNIA, INC.
1924 E. DEERE AVENUE, STE 110
SANTA ANA CA 92705
(949) 417-7766
kpotkul@nextlink.net

Steven Gorosh, Esq.
Vice President & General Counsel
NORTHPOINT COMMUNICATIONS
222 SUTTER STREET, 7TH FLOOR
SAN FRANCISCO CA 94108
For: NORTHPOINT COMMUNICATIONS

***** SERVICE LIST *****

Jose E. Guzman, Jr.
Attorney At Law
NOSSAMAN GUTHNER KNOX & ELLIOTT LLP
50 CALIFORNIA STREET, 34TH FLOOR
SAN FRANCISCO CA 94111-4799
(415) 398-3600
jeg@ngke.com
For: METROPOLITAN TRANSPORTATION COMMISSION

Audrey P. Rasmussen
O'CONNOR & HANNAN, L.L.P.
SUITE 800
1919 PENNSYLVANIA AVENUE, N.W.
WASHINGTON DC 20006-1400
(202) 887-1400

Kate Riley
OFFICE OF ASSEMBLYMAN WALLY KNOX
STATE CAPITOL
ROOM 6025
SACRAMENTO CA 95814
(916) 316-2042
kate.riley@asm.ca.gov

Fred W. Daniel
NATION TELECOM.
PO BOX 9227
NEWPORT BEACH CA 92658-9227

Carl K. Oshiro
Counselor At Law
100 FIRST STREET, SUITE 2540
SAN FRANCISCO CA 94105
(415) 927-0158
oshirock@pacbell.net

James B. Young
COLLEN M. O'GRADY
PACIFIC BELL
140 NEW MONTGOMERY ST. RM 1619
SAN FRANCISCO CA 94105
(415) 545-0422

Robert Mazique
Attorney
PACIFIC BELL
140 NEW MONTGOMERY STREET
15TH FLOOR
SAN FRANCISCO CA 94105
(415) 542-7712
For: Pacific Bell

D.M. Carroll
PAGING SYSTEMS, INC
PO BOX 4249
BURLINGAME CA 94011-4249

Peter A. Casciato
Attorney At Law
PETER A. CASCIATO, A PROF. CORP.
8 CALIFORNIA STREET, SUITE 701
SAN FRANCISCO CA 94111-4825
(415) 291-8661
casciato@dnai.com

Peter A. Casciato
Attorney At Law
PETER A. CASCIATO, A PROF. CORP.
8 CALIFORNIA STREET, SUITE 701
SAN FRANCISCO CA 94111-4825
(415) 291-8661
casciato@dnai.com
For: Time Warner Telecom of California, L.P.

Bonnie Y. Cheng
Director Of Operations
PHOENIX INTEGRATION CORPORATION
7773 EAST GARVEY AVENUE., SUITE 832
ROSEMEAD CA 91770
(909) 868-0808

Jeff Hendrix
PROTEL, INC.
4150 KIDRON ROAD
LAKELAND FL 33811

Deborah Kong
SAN JOSE MERCURY NEWS
750 RIDDER PARK DRIVE
SAN JOSE CA 95190
(408) 920-5922

Stephen Buel
SAN JOSE MERCURY NEWS
750 RIDDER PARK DRIVE
SAN JOSE CA 95126

Keith W. Melville
Attorney At Law
SEMPRA ENERGY
101 ASH STREET
SAN DIEGO CA 92101-3017
(619) 699-5039
kmelville@sempra.com

***** SERVICE LIST *****

David M. Norris
Attorney At Law
SIERRA PACIFIC POWER COMPANY
6100 NEIL ROAD, PO BOX 10100
RENO NV 89520-0024
(775) 834-4208
dnorris@sppc.com

Linda Burton
SIERRA TELEPHONE
PO BOX 219
OAKHURST CA 93644-0219

Carol B. Henningson
Attorney At Law
SOUTHERN CALIFORNIA EDISON COMPANY
2244 WALNUT GROVE AVE.,
ROSEMEAD CA 91770
(626) 302-1911

Jeffrey M. Pfaff
Attorney At Law
SPRINT PCS - LEGAL/REGULATORY
4900 MAIN STREET, 11TH FLOOR
KANSAS CITY MO 64112
(816) 559-1912

Thomas K. Braun
STEPTOE & JOHNSON, LLP
2244 WALNUT GROVE AVENUE
ROSEMEAD CA 91770
(818) 302-4413
brauntk@sce.com

Charles H.N. Kallenbach
Attorney
SWIDLER & BERLIN, CHARTERED
3000 K STREET, NW., SUITE 300
WASHINGTON DC 20007
(202) 424-7715
For: L.D. Services, Inc.

James Falvey
Attorney
SWIDLER & BERLIN, CHARTERED
3000 K STREET, NW., SUITE 300
WASHINGTON DC 20007
(202) 424-7706
For: GST Lightwave (CA), Inc.

Richard M. Rindler
Attorney
SWIDLER & BERLIN, CHARTERED
3000 K STREET, NW., SUITE 300
WASHINGTON DC 20007
(202) 424-7500
For: WorldCom Technologies, Inc.

Lawrence A. Walke
Attorney At Law
SWIDLER BERLIN SHEREFF FRIEDMAN LLC
3000 K STREET, NW, SUITE 300
WASHINGTON DC 20007
(202) 424-7500
For: DSLnet COMMUNICATIONS, INC.

Phyllis Whitten
SWIDLER BERLIN SHEREFF FRIEDMAN, LLC
3000 K STREET, N.W., SUITE 300
WASHINGTON DC 20007-5116
(202) 424-7500

Andrew D. Lipman
KATHLEEN L. GREENMAN
SWIDLER BERLIN SHEREFF FRIEDMAN, LLP
3000 K ST., N.W., SUITE 300
WASHINGTON DC 20007
(202) 945-6922

Carol Critchlow-Bentley
SWIDLER BERLIN SHEREFF FRIEDMAN, LLP
3000 K STREET, N.W., STE. 300
WASHINGTON DC 20007
(202) 424-7793

Louise Beale
Consultant
TECHNOLOGIES MANAGEMENT, INC.
PO DRAWER 200
WINTER PARK FL 32790-0200
(407) 740-8575

Julie Richey
Marketing Director
TEL COM PLUS
5251 110TH AVE. NORTH, STE 118
CLEARWATER FL 33760
(813) 572-7832

Mark O'Krent
TELEPHONE CONNECTION OF LOS ANGELES
9911 WEST PICO BLVD., STE. 680
LOS ANGELES CA 90035-2710

***** SERVICE LIST *****

Mike Freedman
Regional Business Manager
TELIGENT, INC.
111 BROADWAY, SUITE 1300
OAKLAND CA 94607-5500

Terri Natoli
CAROLYN SHUP, ESQ.
Esquire
TELIGENT, INC.
8065 LEESBURG PIKE, STE 400
VIENNA VA 22180

Edwin D. Jones
TESCO
355 STARLING ROAD
MILL VALLEY CA 94941
(415) 383-1825

Patricia J Osorio
THE GREENLINING INSTITUTE
785 MARKET ST 3RD FLOOR
SAN FRANCISCO CA 94103-2003

Kenneth F. Melley, Jr.
Vice President Of Regulatory Affairs
U.S. LONG DISTANCE, INC.
9311 SAN PEDRO, SUITE 300
SAN ANTONIO TX 78216
(210) 525-9009

Steve Page
US DATA HIGHWAY CORP.
1113 HOPKINS WAY
PLEASANTON CA 94566
(925) 454-8624

Michael Shames
Attorney At Law
UTILITY CONSUMERS' ACTION NETWORK
1717 KETTNER BLVD., SUITE 101
SAN DIEGO CA 92101-2532
(619) 696-6966
mshames@ucan.org

Glen Carolo
VALLEY COMMUNICATIONS INCORPORATED
47221 FREMONT BOULEVARD
FREMONT CA 94538
(510) 659-9955 X314
gcarolo@valleycom.com

Bruce J. Weston
Attorney At Law
169 WEST HUBBARD AVENUE
COLUMBUS OH 43215-1439

Kathleen Villacorta
Attorney
WIGGINS & VILLACORTA, P.A.
POST OFFICE BOX 1657
501 EAST TENNESSEE STREET, SUITE B
TALLAHASSEE FL 32302
(904) 222-1534
For: Business Discount Plan, Inc. d/b/a L.D.
Discount Plan

David Wilner
PO BOX 2340
NAVATO CA 94948-2340

Maia Ettinger
Legal Director
WORKING ASSETS FUNDING SERVICE, INC.
101 MARKET STREET, NO. 700
SAN FRANCISCO CA 94105
(415) 369-2084

Walter Mcgee
WORKING ASSETS FUNDING SERVICE
701 MONTGOMERY ST., SUITE 400
SAN FRANCISCO CA 94111

Rachelle B. Chong
WENDY CHOW/COUDERT BORTHERS
XL NETWORKS, INC.
4 EMBARCADERO CENTER, SUITE 3300
SAN FRANCISCO CA 94111
(415) 986-1300
For: XL NETWORKS, INC.

Rachelle B. Chong
XL NETWORKS, INC.
4 EMBARCADERO CENTER, SUITE 3300
SAN FRANCISCO CA 94111
(415) 986-1300

David A. Simpson
Attorney At Law
YOUNG VOGL HARLICK WILSON & SIMPSON LLP
425 CALIFORNIA ST., STE 2500
SAN FRANCISCO CA 94104
(415) 291-1970
das@bizlaw.net
For: Bakersfield Cellular Telephone Company

(I)
NETWORK PLUS, INC.
234 COPELAND STREET
QUINCY CA 02169

(I)

EAGLE COMMUNICATIONS OF CALIFORNIA, LLC
60 EAST 56TH STREET
NEW YORK NY 10022

(I)

CAMPUSLINK COMMUNICATIONS SYSTEMS, INC.
1530 EISENHOWER PLACE
ANN ARBOR MI 48108

(I)

SEREN INNOVATIONS, INC.
15 SOUTH 5TH STREET, SUITE 500
MINNEAPOLIS MN 55402

(I)

NTC NETWORK, LLC
700 WILSHIRE BLVD, 7TH FLOOR
LOS ANGELES CA 90017

(I)

XL NETWORKS, INC.
909 VIA MIROLA
PALOS VERDES ESTATES CA 90274

(I)

HTC COMMUNICATIONS, LLC
2131 N LAMER STREET
BURBANK CA 91504

(I)

TRIAD COMMUNICATIONS CORPORATION
2420 SAND HILL ROAD
MENLO PARK CA 94025

(I)

US DATA HIGHWAY CORP.
1113 HOPKINS WAY
PLEASANTON CA 94566



Crown Castle
One Park Place
Suite 300
Dublin, CA 94568

Attachment 05 - Property Owner's Authorization

Please reference "MASTER LICENSE AGREEMENT FOR WIRELESS FACILITIES ON CITY POLES IN THE RIGHT-OF-WAY" dated 3/1/2022 between the City of San Mateo and Crown Castle Fiber LLC.

Environmental Information Form

CITY OF SAN MATEO

ENVIRONMENTAL INFORMATION FORM INSTRUCTIONS

The information provided by the applicant on this form will enable City staff to understand the proposed project and to prepare any necessary environmental documents. **Careful completion of this form will enable staff to more efficiently and quickly process your application.**

Answers to the 34 numbered questions should be entered in the space provided. At the end of each question, circle YES or NO. If you circle YES, please complete all subsections of that question. If you circle NO proceed to the next numbered question. All questions must be answered to complete your application. Extra sheets may be attached if longer responses are necessary.

Please contact Planning Staff at (650) 522-7212 if you have any questions in completing this form.

EXISTING SITE & DEVELOPMENT

1. Site area (sq. ft. or acres): Back of curb - 2x2 sq ft
2. Zoning: R2
3. Is there existing development on site? YES ☐ NO ☒
 - a. Existing building floor area (gross sq. ft.): _____
 - b. Existing building coverage: _____
 - c. Number of existing off-street parking spaces: _____
 - d. Number of existing bicycle parking spaces: _____
 - e. Number of existing structures on the site: _____
 - f. Existing use (# of units of residential, or type of use and sq. ft. of use if commercial):

4. Are structures or portions thereof, to be removed? YES ☐ NO ☒
 - a. Square footage to be removed: _____
5. Is the property encumbered by any easements? YES ☐ NO ☒

a. Please attach title report and map showing all easements.

6. Describe, in general, the existing uses to the:

North of the site: Residential

South of the site: Residential

East of the site: Residential

West of the site: Residential

PROJECT DESCRIPTION

7. Is the project a residential development?

YES ☐ NO ☒

a. Unit description:

Type of Unit	Number of Units	Unit Size (range in sq. ft.)	Household Size
Studio			
1 Bedroom			
2 Bedroom			
3 Bedroom			
TOTAL:			

b. Total floor area (gross sq. ft.): _____

c. Total lot coverage (sq. ft.) if site is zoned R4-D, R5-D or R6-D: _____

d. Number of off-street parking spaces provided: _____

	Covered	Open	TOTAL
Standard			
Compact			
Handicap			
Total			

e. Number of bicycle parking facilities (9' x 18' areas) provided: _____

f. Is the proposed project RENTAL or OWNERSHIP? (circle one)

g. Approximate range of sales prices or rental rates: _____

h. Number of stories: _____

i. Building height in feet: _____

j. Building setbacks: Front _____ Left Side _____ Right Side _____ Rear _____

8. Is the project a **COMMERCIAL** INDUSTRIAL, or INSTITUTIONAL development?
(circle one)

- a. Type of use: Crown Castle small wireless facility on an existing street light in PROW
- b. Gross floor area: N/A
- c. Total lot coverage (sq. ft.): N/A
- d. Estimated max. no. of employees per shift: N/A
- e. Total no. of employees: N/A
- f. Days/hours of operation: N/A
- g. Number of off-street parking spaces provided:

	Covered	Open	TOTAL
Standard			
Compact			
Handicap			
Total			

- h. Type of loading facilities provided: N/A
- i. Number of bicycle facilities provided: N/A
- j. Number of stories: N/A
- k. Building height (in feet): N/A
- l. Building setbacks: Front _____ Left Side _____ Right Side _____ Rear _____

9. Is the proposed development a phased project?

YES **NO**

- a. Describe each phase and schedule for development: _____

- b. Describe any associated projects: _____

10. If the project involves a variance, conditional use or rezoning application, state this and indicate clearly why the application is required. Wireless Communication Facilities Permit required for all wireless facilities installed in San Mateo.

11. Describe any change in scenic views or vistas from existing residential areas or public lands and roads. No changes in any scenic views.

12. Describe any change in the patterns, scale or character of the general area of the property. No changes in patterns, scales, or character.

GEOLOGY/LAND FORM

13. Will the project involve construction on slopes of 20% or greater? YES ☒ NO

a. Maximum gradient of the property: _____ % (vertical rise ÷ horizontal run)

b. Average gradient of the property: _____ % (corner to diagonal corner of site)

14. Will the project involve construction of retaining walls? YES ☒ NO

a. Maximum height (ft.): _____

b. Total length (ft.): _____

15. Does the project involve excavation for underground parking? YES ☒ NO

a. Depth of construction (ft.): _____

b. Maximum slope of garage ramp (%): _____

16. Will the proposed project involve grading? YES ☒ NO

a. Total cut (cubic yds.) _____

b. Total fill (cubic yds.) _____

c. Maximum depth of cut (ft.) _____

d. Maximum depth of fill (ft.) _____

e. Maximum slope of cut and fill slopes (vertical / horizontal): _____

f. Land area to be disturbed (sq. ft.): _____

g. Proposed erosion control measures: _____

h. Proposed measures to prevent failure of slopes: _____

17. Does the site contain a known landslide area, soil creep, expansive soils or other evidence of geologic failure? YES ☒ NO

a. Describe nature and location(s): _____

18. Does the site contain an unusual geologic landform, such as a ridge line or rock outcrop? YES ☒ NO

a. Describe feature: _____

b. Describe any proposed modification: _____

WATER/HYDROLOGY

19. Does the site contain or abut a natural drainage channel or streambed? YES ☒ NO

a. Describe location(s): _____

20. Describe any proposed alterations to such channel(s) or stream bed(s): _____

21. Does the site abut the Bay, Marina Lagoon, or a slough? YES ☒ NO

a. Describe any proposed alterations to such water feature or shoreline. _____

22. Describe the expected amount of water use (except for residential development of fewer than 4 units):

Domestic: N/A gal/day

Peak Use: N/A gal/day

Commercial: N/A gal/day

Peak Use: N/A gal/day

Expected fire flow demand: N/A gal/min.

Daily sewer discharge (over 30 fixtures only): N/A gal/day

VEGETATION

23. Will the project remove any trees that are 6" or greater in diameter at a point 4' above grade, or a substantial amount of natural plant cover? YES ☒ NO

a. List the number, types and sizes of all trees existing on the site, and all of these to be removed. (Attach another sheet if more space is needed.) _____

b. Describe the existing natural brush and groundcover features of the site and any proposed reduction. _____

EXTERNAL IMPACTS

24. Will the proposed project generate dust, smoke, fumes or odors, excluding dust during construction? YES ☒ NO

a. Describe emission(s), extent and duration: _____

25. Will the project involve the use, storage or disposal of potentially toxic or hazardous materials, including solvents, acids, pesticides, herbicides, or radioactive substances? YES ☒ NO

a. Detail type(s), quantities, storage and disposal procedures: _____

26. Is the project expected to generate noise in sufficient levels to be heard beyond the boundaries of the site? YES ☒ NO

a. Describe noise generating activities: _____

b. Daily time duration: _____

UTILITIES/PUBLIC WORKS

27. Will the proposed project require extension or alteration of existing electrical transmission and distribution facilities? YES ☒ NO

a. Give details of extension: _____

b. Describe location of new electric transformer, if required: _____

28. Are any off-site improvements proposed (such as sewer or storm drain extensions)?

YES ☒ NO

a. Please describe nature and location: _____

29. Will the proposed project incorporate any measures to conserve electricity, or water?

YES ☒ NO

a. Please describe: _____

30. Are new curb cuts proposed or existing curb cuts eliminated?

YES ☒ NO

a. Describe number and location(s): _____

31. Are new streets, or driveways in excess of 300 feet in length, to be developed within the proposed project?

YES ☒ NO

a. Indicate whether private or public: _____

b. List lengths and widths: _____

c. Maximum grade (%): _____

32. Will proposed structures be protected by fire sprinklers?

YES ☒ NO

DISPLACEMENT

33. Will existing businesses or residents be displaced by the proposed development?

YES ☒ NO

a. Describe type(s) of business(es) or numbers of residents to be displaced: _____

b. Describe any relocation assistance proposed: _____

LIGHTING/SIGNAGE

34. Does the proposed project include the addition of new exterior lighting? YES ☒ NO

Describe location(s), type(s) and wattage of light fixtures proposed: _____

35. Are signs proposed as part of the proposed project? ☒ YES NO

a. Please provide the following information for all proposed signs:

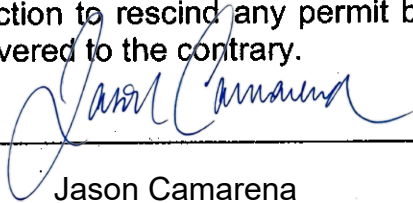
Type of Sign (pole, wall, projecting, etc.)	Area (sq. ft.)	Length (ft.)	Height (ft.)	Max. Height (for pole signs)
Pole	.44'	8"	8"	20'
Pole	.17	4"	6"	10'

b. Will sign(s) flash or include movement? YES ☒ NO

Please describe: _____

CERTIFICATION

I certify that the above answers are true and correct to the best of my knowledge, and I understand that subsequent action to rescind any permit based upon this questionnaire may be possible if evidence is uncovered to the contrary.

Signature:  _____

Name: _____ Jason Camarena

PERSON COMPLETING THIS APPLICATION

Name: _____ Jason Camarena Date: _____ 05/09/2023

Address: _____ 1 Park Pl, Suite 300

City: _____ Dublin State: _____ CA Zip: _____ 94568

Daytime Phone Number: _____ (925) 201-5806

RF Compliance Report



WATERFORD

RF EMISSIONS COMPLIANCE REPORT

Prepared for:

Crown Castle
1 Park Place
Dublin, CA 94568

Site:

CA_SF_SANMATEO_195M1
2317 Armada Way
San Mateo, CA 94404
37.561501, -122.288572

April 28, 2023

This site will be in compliance with

FCC Regulations and MPE Limits:

Crown Castle Is 0.709% of General Population (GP) Limit

(0.142% of Occupational (Occ) Limit)

Certification

I have reviewed this RF Emissions assessment report and believe it to be both true and accurate to the best of my knowledge.

Analysis completed using Waterford's NIERTool© software

Only clients and client representatives are authorized to provide input data through the Waterford web portal. In securing that authorization, clients and client representatives warrant the accuracy of all input data. Waterford Consultants, LLC attests to the accuracy of the engineering calculations. Waterford also attests that the results of those engineering calculations are correctly summarized in this report.

©Copyright 2005-2023 Waterford Consultants, LLC.

All rights reserved

7430 New Technology Way, Suite 150

Frederick, Maryland 21703

(703) 596-1022 Phone

www.waterfordconsultants.com

Control # 98359

RF EMISSIONS COMPLIANCE STATEMENT

Site:

CA_SF_SANMATEO_195M1
2317 Armada Way
San Mateo, CA 94404

Compliance Statement

Subject site COMPLIES with Radiofrequency Radiation Exposure Limits of 47 C.F.R. §§ 1.1307(b)(3) and 1.1310.

Ground Level Site Summary

Predicted cumulative RF power density at ground level as a percentage of the FCC General Population limits. This result is the sum of the maximum ground level MPE for each RF emitter by band of operation. Sites below 100% are in full compliance.

Source	Predicted Power Density, % of Limit (GP)
Verizon 28000 MHz	0.709 %
Sum of Listed Sources	0.709%

Antenna Level Site Summary

Predicted cumulative RF power density at elevated levels near the antenna(s) has been evaluated with respect to the FCC General Population limits. The mitigation measures recommended herein are necessary to achieve and maintain compliance at the site based on the following assessment:

Antenna Level Assessment

Signage directives for this report are specified in the Elevation Detail Plot which depicts predicted RF power density near the antenna as a percentage of the FCC General Population limits. Areas exceeding 100% of the General Population limits are depicted as blue. Any work required within areas exceeding 100% of the limits should be coordinated with wireless operators or performed by personnel trained in RF safety and equipped with personal protection equipment. Workers in areas depicted as green or clear will not be exposed to hazardous levels of RF energy and no action is required to maintain a safe working environment.

As shown in the Elevation Detail Plot, the following keep-back distances to the FCC limits have been determined:

Reference Level	Maximum Level: General Population (%)	Maximum Level: Occupational (%)
Ground Level	0.709	0.142
Antenna Level	366.049	73.210

Distance to FCC 100% MPE Limits at Antenna Level

- Vertical Stand Off Distance (General Population) 4 feet
- Vertical Stand Off Distance (Occupational) N/A
- Horizontal Stand Off Distance (General Population) 5 feet
- Horizontal Stand Off Distance (Occupational) N/A

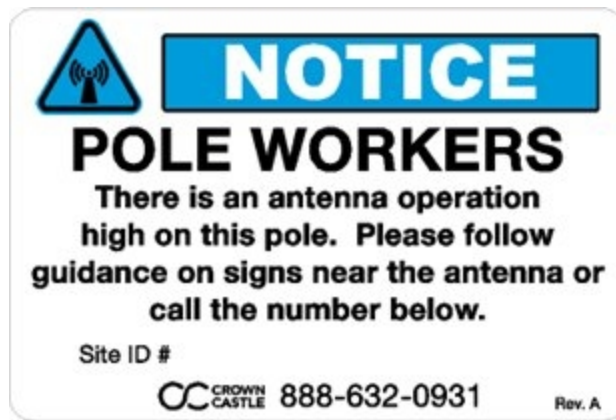
Distance to FCC 100% MPE Limits at Ground Level

- Horizontal Stand Off Distance (General Population) N/A
- Horizontal Stand Off Distance (Occupational) N/A

.

RF Alerting Signage

The "Notice" sign must be posted near the bottom of the pole or on the shroud any time there is a zone near the antenna that exceeds the General Population limit. This sign should be mounted where it is easily visible to workers on the ground as they approach the pole. Suggested locations include on the pole about 8-10' from the ground or on the front of the equipment shroud if it is mounted on the pole.



The "Caution" sign must be posted on the antenna any time there is an area that exceeds the FCC General Public exposure limit. The keep-back distance for the General Population limit must be filled in on the sign as depicted below. This sign must be mounted on or just below the radiating antenna so that it is maximally visible to workers approaching the antenna in a lift or bucket truck. If there is more than one radiating antenna and they are less than 5' apart then the sign should be mounted on or near the lower antenna. If there are multiple radiating antennas and they are >5' apart then separate signs should be mounted on or near each antenna.



Technical Framework: Basis for Compliance Statement

The compliance framework is derived from the Federal Communications Commission (FCC) Rules and Regulations for preventing human exposure in excess of the applicable Maximum Permissible Exposure (“MPE”) limits listed in Table 1 of 47 C.F.R. § 1.1310. Calculations using input data provided to Waterford by client or client's representative numerically confirm the subject site can operate at a 100% duty cycle without exceeding the FCC MPE limits in areas of uncontrolled access.

At this site, the radio frequency (RF) power density resulting from each transmitter at any location may be expressed as a percentage of the frequency-specific limits and added to determine if 100% of the exposure limit has been exceeded. The FCC Rules define two tiers of permissible exposure differentiated by the situation in which the exposure takes place and/or the status of the individuals who are subject to exposure. General Population / Uncontrolled exposure limits apply to those situations in which persons may not be aware of the presence of electromagnetic energy, where exposure is not employment related, or where persons cannot exercise control over their exposure. Occupational / Controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment, have been made fully aware of the potential for exposure, and can exercise control over their exposure. Based on the criteria for these classifications, continuous exposure to RF power density levels below the FCC General Population limits is not hazardous. The FCC General Population limits are 5 times more restrictive than the Occupational limits.

Frequency (MHz)	<i>Limits for General Population/ Uncontrolled Exposure</i>		<i>Limits for Occupational/ Controlled Exposure</i>	
	Power Density (mW/cm ²)	Averaging Time (minutes)	Power Density (mW/cm ²)	Averaging Time (minutes)
30-300	0.2	30	1	6
300-1500	f/1500	30	f/300	6
1500-100,000	1.0	30	5.0	6

In situations where the predicted MPE exceeds the General Population threshold in an accessible area because of emissions from multiple transmitters, FCC licensees that contribute greater than 5% of the aggregate MPE share responsibility for mitigation.

For any location where radiofrequency (RF) power densities exceed 100% MPE of the General Population limits, access controls with appropriate RF alerting signage must be available to be visible upon approach from any direction to provide notification of potential conditions within these areas. Subject to other site security requirements, occupational personnel should be trained in RF safety and equipped with personal protective equipment (e.g. RF personal monitor) designed for safe work in the vicinity of RF emitters. Waterford Consultants, LLC recommends that any work activity in these designated areas or in front of any transmitting antennas be coordinated with the wireless operators.

Predictive Modeling

Based on the computational guidelines set forth in FCC Office of Engineering and Technology, Bulletin 65 ("OET65"), Waterford Consultants, LLC has developed software to predict the overall MPE possible at any particular location given the spatial orientation and operating parameters of multiple RF sources. These theoretical results represent worst-case predictions as emitters are assumed to be operating at 100% duty cycle.

The tabular analysis in this report calculates the spatial peak power density produced at ground level from each RF emitter. The far field power density in milliWatts per square centimeter is expressed as $S_{ff} = 33.4 \times ERP / R^2$ where ERP is the Effective Radiated Power along a specific azimuth in Watts and R is the distance from the antenna radiation center in meters. The antenna manufacturer's horizontal and vertical radiation patterns have been considered in determining the ERP in any direction. This computation is based on the maximum ERP and includes a 1.6-fold increase in field strength due to ground reflection. The result provides a conservative estimate of spatially averaged power density at ground level and may be higher than predicted MPE in the graphical plots described below.

As the limits are frequency dependent, the contribution of any RF source at a specific location may be expressed as a percentage of the FCC General Population MPE limits at the associated operating frequency. The percentage contributions from all RF sources are added to determine the overall exposure level. If this result is less than 100%, the predicted cumulative exposure level is below the General Population limits set forth in the FCC Rules. The cumulative MPE depicted on the summary page is the summation of maximum MPE values for each emitter regardless of antenna orientation.

A graphical plot of calculated spatially averaged RF power density, based on the Cylindrical Model as described in OET65, predicts spatially averaged MPE conditions at areas in near proximity to the antenna. In the vertical display, predicted MPE is depicted at the center of the 6 ft vertical zone that a person could occupy.

Qualifications of Waterford

With more than 100 team-years of experience, Waterford Consultants, LLC [Waterford] provides technical consulting services to clients in the radio communications and antenna locating industry. Waterford retains professional engineers who are placed in responsible charge of the processes for analysis.

Waterford is familiar with 47 C.F.R. § § 1.1307(b)(3) and 1.1310 along with the general Rules, Regulations and policies of the FCC. Waterford work processes incorporate all specifications of FCC Office of Engineering and Technology, Bulletin 65 ("OET65"), from the website: www.fcc.gov/oet/rfsafety and follow criteria detailed in 47 CFR § 1.1310 "Radiofrequency radiation exposure Limits".

Within the technical and regulatory framework detailed above, Waterford developed tools according to recognized and generally accepted good engineering practices. Permissible exposure limits are band specific, and the Waterford computerized modeling tools correctly calculate permissible exposure based on the band(s) specified in the input data. Only clients and client representatives are authorized to provide input data through the Waterford web portal. In securing that authorization, clients and client representatives attest to the accuracy of all input data.

Waterford Consultants, LLC attests to the accuracy of the engineering calculations computed by those modeling tools. Furthermore, Waterford attests that the results of those engineering calculations are correctly summarized in this report.

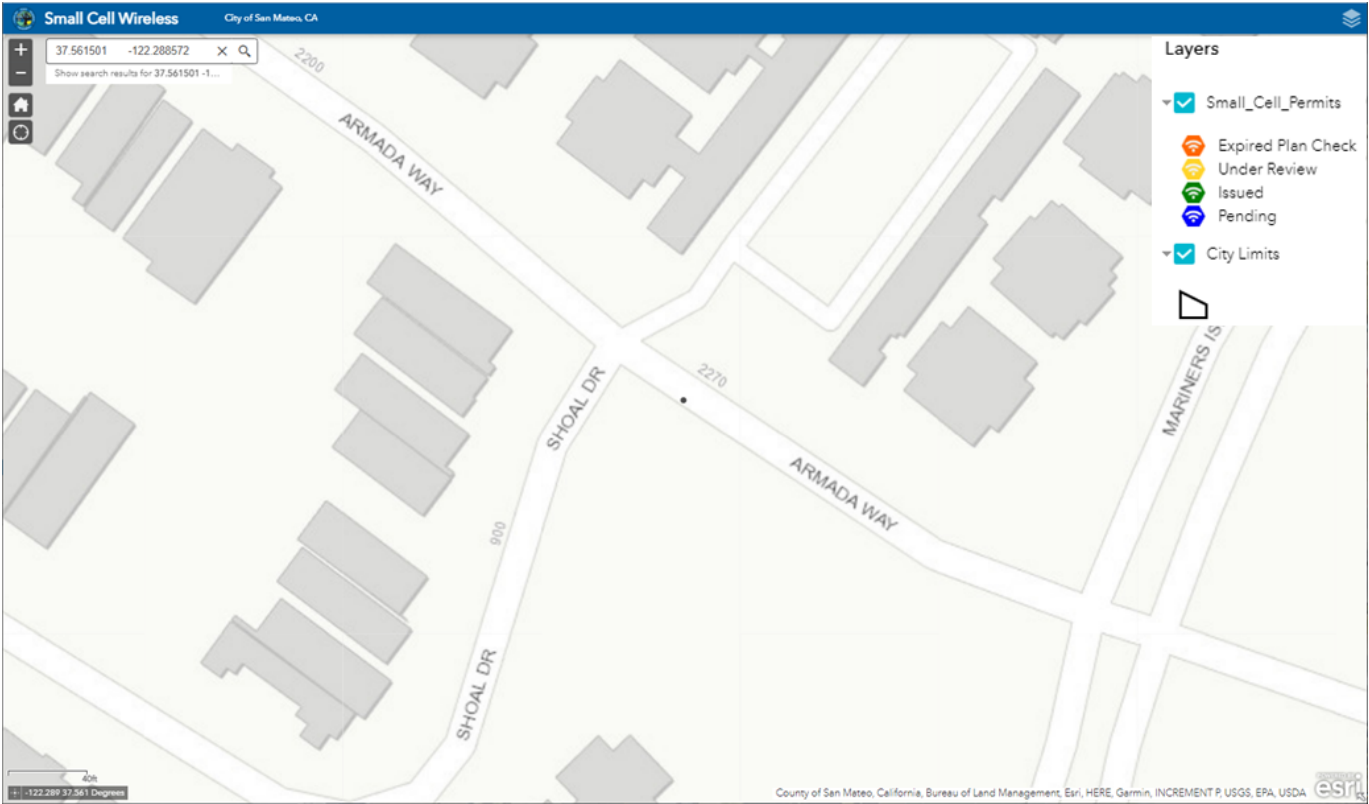
Certification

My stamp and signature on the cover indicates that I am fully aware of and familiar with the Rules and Regulations of both the Federal Communications Commissions (FCC) and the Occupational Safety and Health Administration (OSHA) with regard to Human Exposure to Radio Frequency Radiation, specifically in accordance with FCC's OET Bulletin 65. I have reviewed this Radio Frequency Exposure Assessment report and believe it to be both true and accurate to the best of my knowledge.

Antenna Inventory

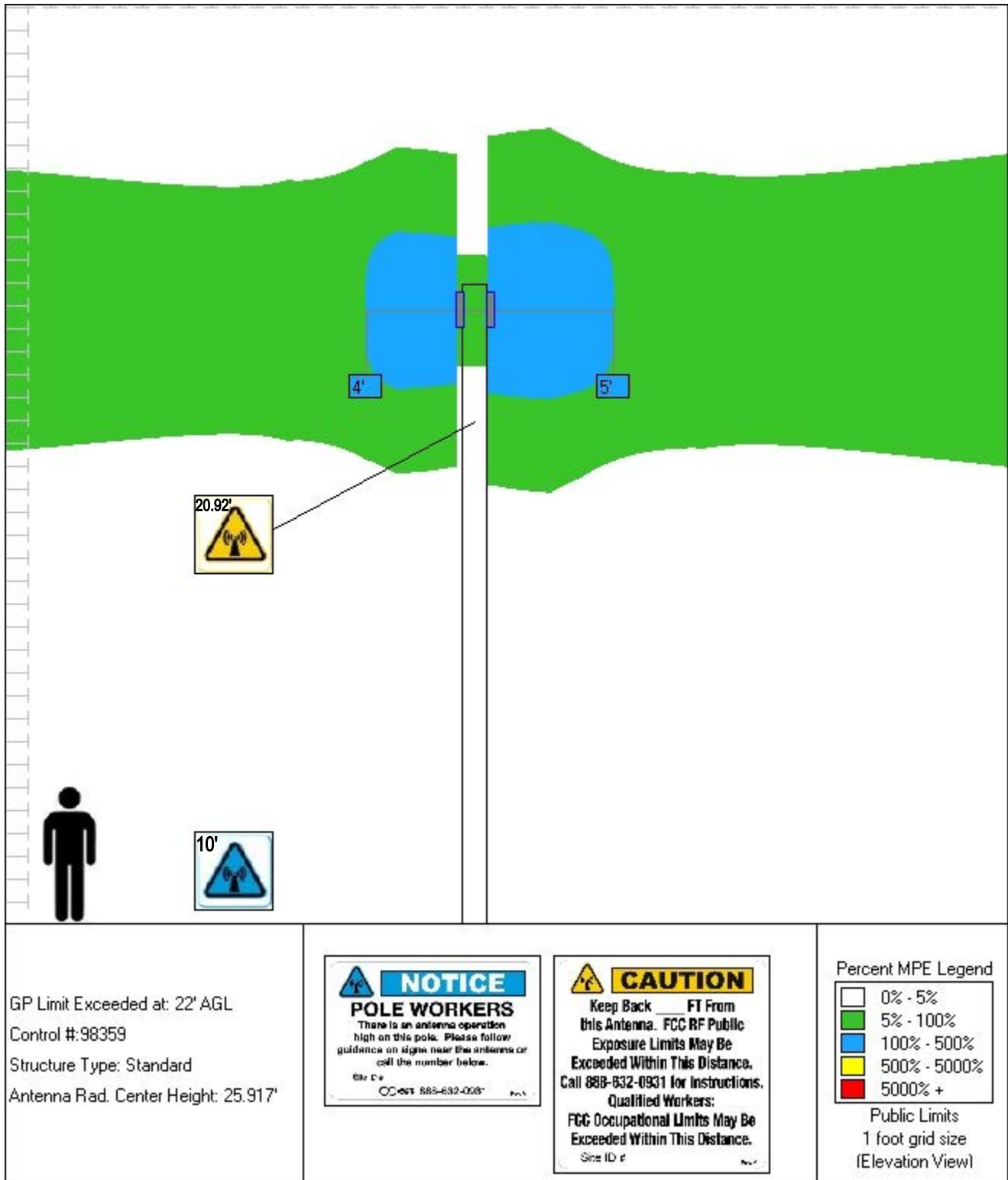
#	Operator	Make	Model	Freq (MHz)	Az (deg)	Tilt (deg)	HorBW (deg)	Ant (ft)	TPO (w)	Paths	Loss (db)	Ant Gain	Radiated Power (W)	RC AGL (ft)
1	Verizon	ERICSSON	SON_SM6705 CM1 02.07.22 28GHz VZW	28000	65	0	4	1.312	0.294401	4	0	26.14dBd	794.330 EIRP	25.917
2	Verizon	ERICSSON	SON_SM6705 CM1 02.07.22 28GHz VZW	28000	185	0	4	1.312	0.294401	4	0	26.14dBd	794.330 EIRP	25.917
3	Verizon	ERICSSON	SON_SM6705 CM1 02.07.22 28GHz VZW	28000	305	0	4	1.312	0.294401	4	0	26.14dBd	794.330 EIRP	25.917

No other nearby permits or sites found within 100 ft radius.

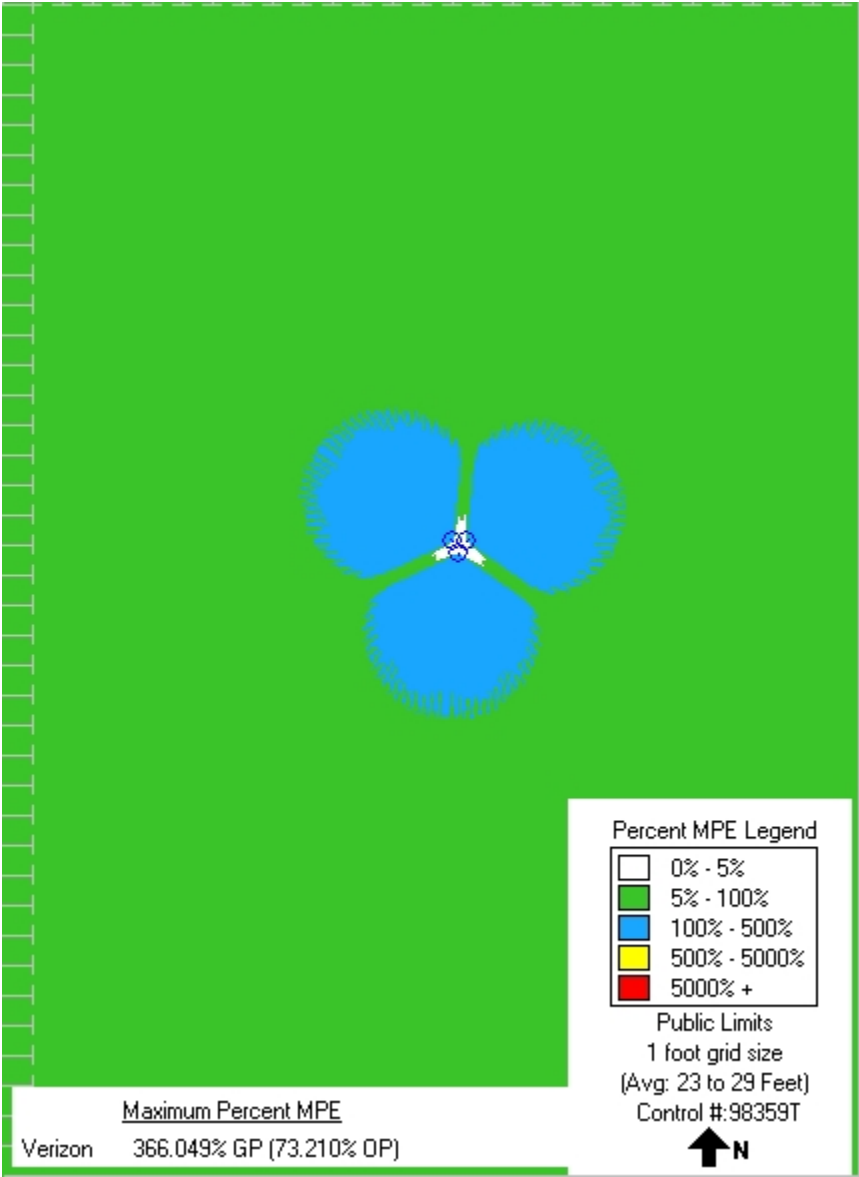


ELEVATION DETAIL

Predicted MPE depicted at the center of the 6 ft vertical zone that a person could occupy



TOP DOWN DETAIL



TOP DOWN DETAIL



GROUND LEVEL MPE BY RF EMITTER

The maximum ground level MPE along the azimuth of orientation for each RF emitter by band of operation is listed below. The computational approach is described in the Predictive Modeling section. The maximum MPE by operator and band is contributive to the cumulative ground level MPE summary table presented above.

Verizon
CA_SF_SANMATEO_195M1
ERICSSON - SON_SM6705 CM1 02.07.22 28GHz VZW 65° Sector

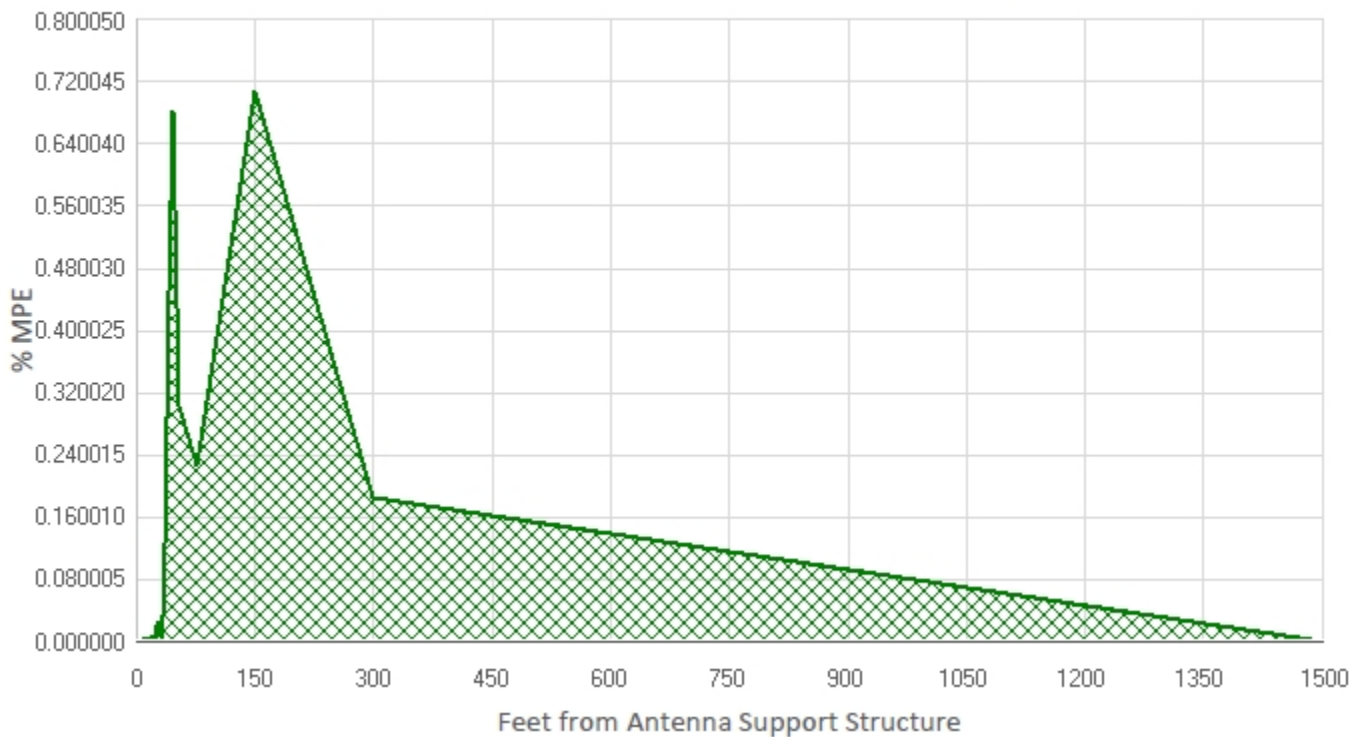
Maximum Exposure Limit - 28000 MHz

Limit (GP):

1000.000 $\mu\text{W}/\text{cm}^2$

EIRP	Height	Downtilt
(Watts)	(feet)	(Degrees)
794.330	25.917	0

Ground Level MPE as Percent of FCC General Population Limits



Maximum power density at ground level:

7.091 $\mu\text{W}/\text{cm}^2$

Highest percentage of Maximum Exposure Limit:

0.709 %

Verizon
CA_SF_SANMATEO_195M1
ERICSSON - SON_SM6705 CM1 02.07.22 28GHz VZW 305° Sector

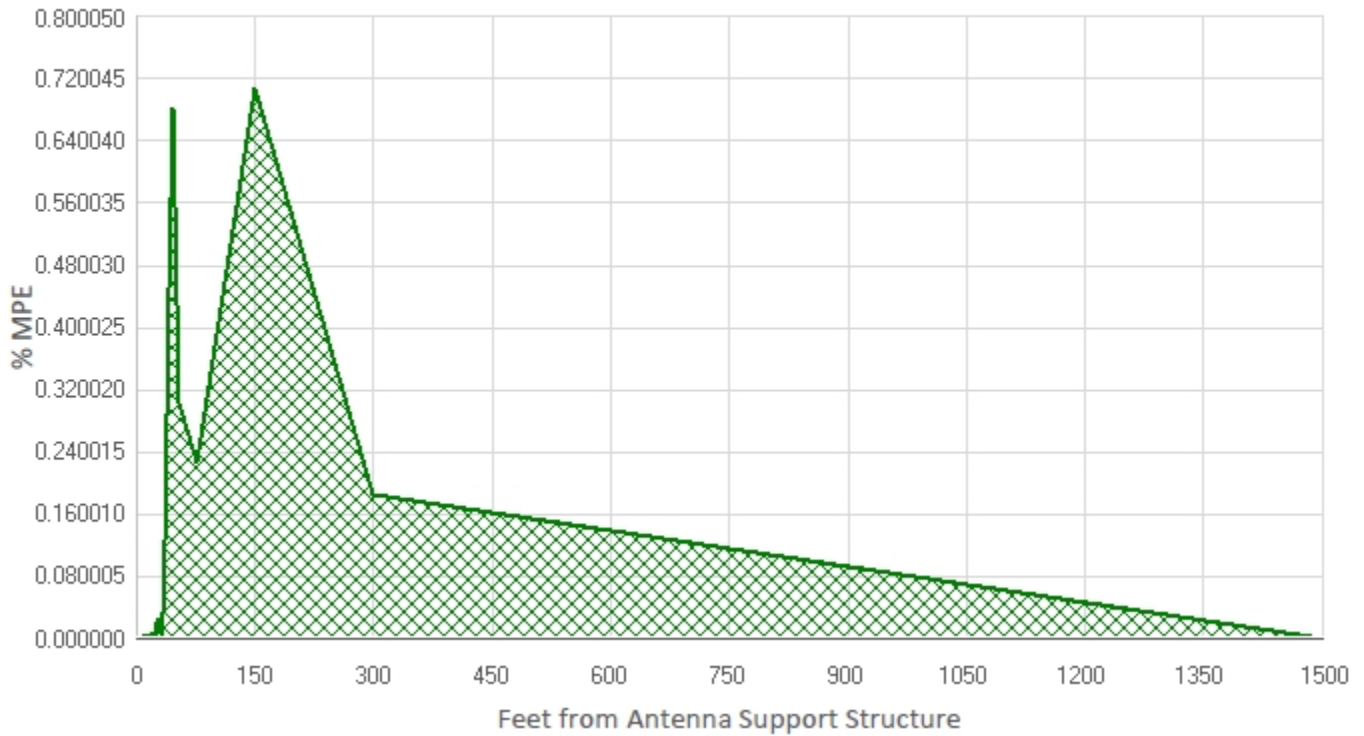
Maximum Exposure Limit - 28000 MHz

Limit (GP):

1000.000 $\mu\text{W}/\text{cm}^2$

EIRP		Height		Downtilt	
(Watts)	794.330	(feet)	25.917	(Degrees)	0

Ground Level MPE as Percent of FCC General Population Limits



Maximum power density at ground level:

7.091 $\mu\text{W}/\text{cm}^2$

Highest percentage of Maximum Exposure Limit:

0.709 %

Verizon
CA_SF_SANMATEO_195M1
ERICSSON - SON_SM6705 CM1 02.07.22 28GHz VZW 185° Sector

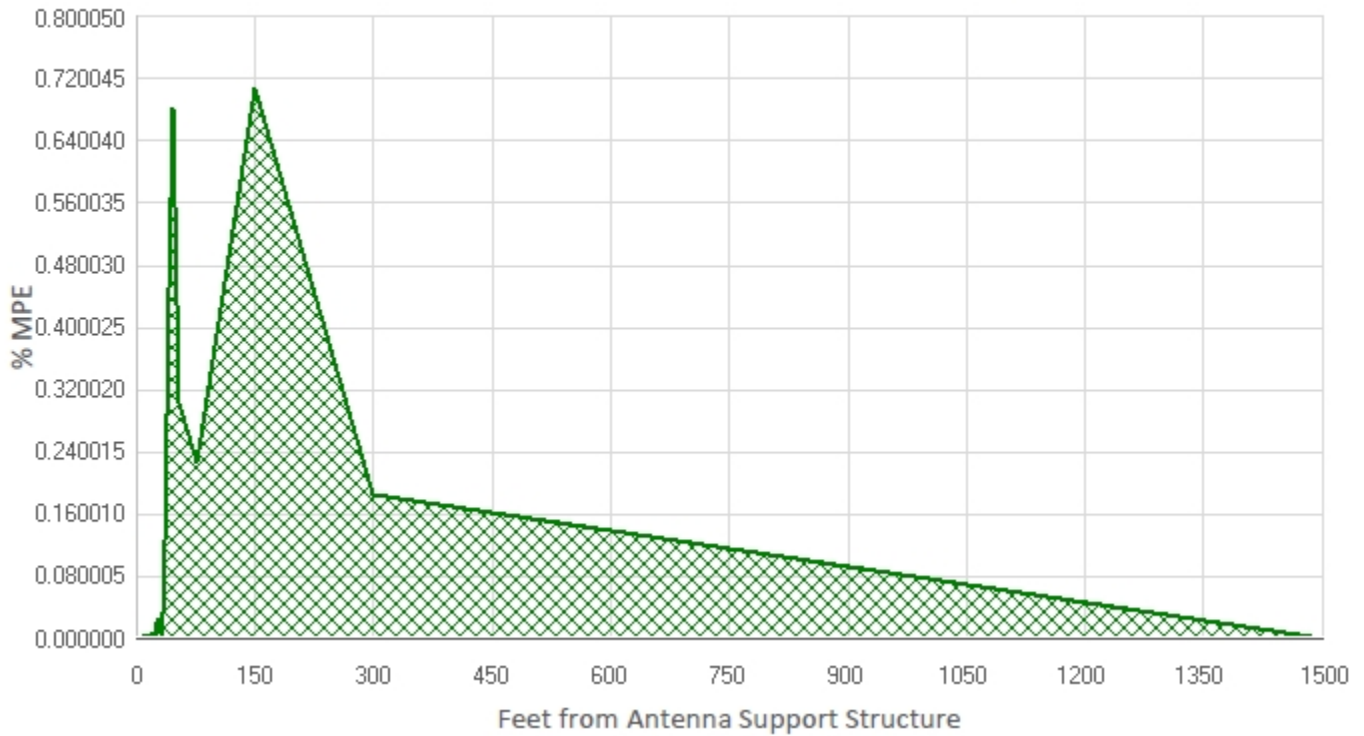
Maximum Exposure Limit - 28000 MHz

Limit (GP):

1000.000 $\mu\text{W}/\text{cm}^2$

EIRP		Height		Downtilt	
(Watts)	794.330	(feet)	25.917	(Degrees)	0

Ground Level MPE as Percent of FCC General Population Limits



Maximum power density at ground level:

7.091 $\mu\text{W}/\text{cm}^2$

Highest percentage of Maximum Exposure Limit:

0.709 %

Noise Compliance Report

April 26, 2022



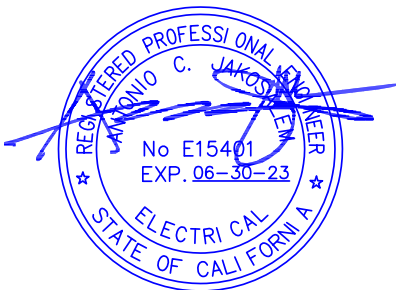
**CONSULTING
DESIGN
FIELD
ENGINEERING
SERVICES**

To whom it may concern,

I, Antonio C. Jakosalem (CA P.E. LIC. E15401) have reviewed the noise emission analysis of the Ericsson 6705 3-radio configuration cluster nodes in the City of San Mateo, by Jeffrey K. Pack dated April 6, 2022. I found it to be technically accurate and in compliance with the standards contained in Chapter 7.30 of the City of San Mateo Municipal Code, Ref. (a). I herewith certify that report to be correct, with my stamp and seal.

Please process Mr. Pack's report for permit review as if it was written by a P.E. Please call or email for questions.

Very truly yours,



Antonio C. Jakosalem, P.E.
tony@acgeng.com

Principal

447 Sutter St, Ste. 516
San Francisco, CA 94108
415.660.5940 (TEL)
www.acgeng.com



April 6, 2022

Crown Castle
1 Park Place
Dublin, CA 94568

Subject: Noise Emission Analysis, Ericsson 6705 3-Radio Configuration
Cluster Node Sites, City of San Mateo, San Mateo County, CA

This report presents the results of a noise emission analysis of the Ericsson 6705 3-radio configuration cluster nodes in the City of San Mateo. The purpose of this analysis was to determine the minimum distances necessary from any cluster node installation to the nearest most noise sensitive property that will result in compliance with the standards contained in Chapter 7.30 of the City of San Mateo Municipal Code, Ref. (a).

Summary

The results of this analysis reveal that the minimum distance from the face of the nearest radio unit on a tilt bracket cluster system to a residential receiver location needs to be 21 inches. This is equivalent to 37 inches from the center of the pole.

Noise Standards - City of San Mateo Municipal Code

The noise standards of Chapter 7.30 of the City of San Mateo Municipal Code limits noise from stationary noise sources at noise sensitive receiver locations, such as residential land use. The applicable Code section is shown on the following page. The most stringent standard is the 50 dBA limit applied to nighttime noise generation in Noise Zone 1 and is used herein as the basis for this analysis.

Ref. (a) City of San Mateo Municipal Code, Chapter 7.30 – Noise Regulations, Subsection 7.3.040 –

7.30.030 DESIGNATED NOISE ZONES.

The properties hereinafter described are hereby assigned the following noise zones:

Noise Zone 1. All property in any single family residential zone (including adjacent parks and open space) as designated on the City's zoning map prepared pursuant to the provisions of Title 27, or any revisions thereto.

Noise Zone 2. All property in any commercial/mixed residential, multi-family residential, specific plan district or PUD as designated on the City's zoning map prepared pursuant to the provisions of Title 27, or any revisions thereto.

Noise Zone 3. All property in any commercial or central business district as designated on the City's zoning map prepared pursuant to the provisions of Title 27, or any revisions thereto.

Noise Zone 4. All property in any manufacturing or industrial zone as designated on the City's zoning map prepared pursuant to the provisions of Title 27, or any revisions thereto.

(Ord. No. 2004-16 § 1.)

7.30.040 MAXIMUM PERMISSIBLE SOUND LEVELS.

(a) It is unlawful for any person to operate or cause to be operated any source of sound at any location within the City or allow the creation of any noise on property owned, leased, occupied or otherwise controlled by such person, which causes the noise level when measured on any other property to exceed:

- (1) The noise level standard for that property as specified in Table 7.30.040 for a cumulative period of more than 30 minutes in any hour;
- (2) The noise level standard plus five dB for a cumulative period of more than 15 minutes in any hour;
- (3) The noise level standard plus 10 dB for a cumulative period of more than five minutes in any hour;
- (4) The noise level standard plus 15 dB for a cumulative period of more than one minute in any hour; or
- (5) The noise level standard or the maximum measured ambient level, plus 20 dB for any period of time.

(b) If the measured ambient level for any area is higher than the standard set in Table 7.3.40, then the ambient shall be the base noise level standard for purposes of subsection (a)(1) of this section. In such cases, the noise levels for purposes of subsections (a)(2) through (a)(5) of this section shall be increased in five dB increments above the ambient.

Table 7.30.040
Noise Level Standards

Noise Zone	7:00 am to 10:00 pm	10:00 pm to 7:00 am
Noise Zone 1	60 dBA	50 dBA
Noise Zone 2	60 dBA	55 dBA
Noise Zone 3	60	60
Noise Zone 4	70	65

* Source: Adapted from "The Model Community Noise Control Ordinance," Office of Noise Control, California Department of Health.

(Ord. No. 2004-16 § 1.)

Since the radios are expected to operate continuously hour ” standard is applicable .

Equipment and Analytical Baseline Descriptions

The planned radios are Ericsson 6705 units that are cooled using convection cooling rather than fans. The noise level specification is no higher than 6.0 Bels of Sound Power. 6.0 Bels equals 60 decibels. The Sound Power rating must be converted to Sound Pressure and the emitted sound spectrum must be converted to A-weighted decibels. Sound Pressure must also have a distance associated with it.

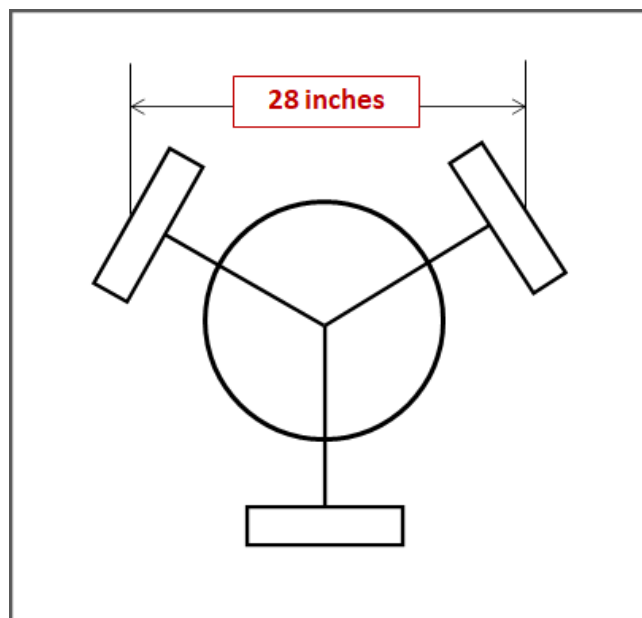
The A-weighted Sound Pressure Level is 53.5 dBA @ 12 in.

For the purposes of this study, we are using 53.5 dBA at 12 in. from the center of the unit as the worst-case noise emission reference level. In addition, we are assuming that the 53.5 dBA sound level is emitted equally in all directions around the unit as there are no other data available to suggest otherwise .
this report in Appendix A.

There is one cluster node pole installations used. The installation will have three radios typically spaced equally around the perimeter of the pole forming an equilateral triangle. The angle between each unit is 60° . The distance from the face of one unit to the face of another unit is 28 in. This distance is the “chord” of a circle.

The tilt bracket mount cluster is arranged such that the diameter of the circle created by the radios is 32 inches.

Below is a diagram of the typical pole mounting systems provided by the project sponsor. Note that the circle shown in the graphic represents the pole, not the circle created by the faces of the units along that calculation's perimeter.



The most noise impacted location would be along a line normal to one of the three radios. The distances from the two farther radios would be equidistant to the receiver location that is along the normal path.

Calculations

Noise from a stationary source reduces at a rate of:

$\Delta d = 20 \log_{10}(r_1/r_2)$ where, r_x = distance.

For a doubling of the distance, $r_1 = 2$ and $r_2 = 1$. Thus, $20 \log_{10}(2/1) = 6$.

Note that sound levels in the human environment are described using A-weighted decibels, notated as dBA. A-weighting is a frequency filtering network applied to noise data to replicate the human response to various frequencies. When describing or reporting decibels in terms of change (increases, decreases), the A is dropped from the nomenclature as the weighting network is irrelevant in the mathematics of decibels.

Decibels are added using the formula:

$$dB_{\text{sum}} = 10 \log_{10}(10^{(SL1/10)} + 10^{(SL2/10)} + \dots + 10^{(SLx/10)})$$

For example, 45.0 dB + 42.0 dB = 46.8 dB.

Because of the nature of sound, noise and the environment, decibels are usually rounded to a whole value as 10th, s o f a d e c i b e l a r e n e g l i g i b l e . difference in 2 decibels and usually only under controlled situations.

The calculation methodology uses the following descriptors:

The angle between two radios is 60°.

The distance from the nearest radio (Radio 1) to the receiver (point A) is line segment A.

The distances from Radio 2 or Radio 3 to Point A are designated as D.

The radius of the circle (radio unit to center of pole) is r.

The distance from the center of the circle/pole to the chord (straight line) between Radio 2 and Radio 3 is B.

The angle subtended by the radius and the chord is 30°.

$$B = r(\sin 30^\circ).$$

$$C = \frac{1}{2} \text{ chord length between Radios 2 and 3} = r(\cos 30^\circ) \text{ or } 14 \text{ in.}$$

$$D = \text{Sqrt}[(A+r+B)^2 + (C)^2]$$

The total sound level from three radio units will be the decibel sum of the sound levels at A + D + D.

The numerical values for mounting system are:

Tilt Bracket

$$r = 16.0'' \quad B = 8.0'' \quad C = 14.0'' \quad D \text{ is a function of A.}$$

Example:

If $A = 12''$, $D = 43.3''$. The Radio sound level for Radio 1 is 2 and 3 are 43.3 dBA. The combined sound level is 54.3 dBA.

$$D = \text{Sqrt}[(12+16+8)^2 + (14)^2] = 38.6''$$

$$A = 12'' , \text{ Sound Level} = 53.5 + 20\log_{10}(12/38.6) = 43.3$$

$$D_{\text{Radio 1}} = 38.6'' , \text{ Sound Level} = 53.5 + 20\log_{10}(12/38.6) = 43.3$$

$$D_{\text{Radio 2}} = 38.6'' , \text{ Sound Level} = 53.5 + 20\log_{10}(12/38.6) = 43.3$$

Combined Sound Level = 53.5 dB + 43.3 dB + 43.3 dB, =
 $10\log_{10}(10^{(53.5/10)} + 10^{(43.3/10)} + 10^{(43.3/10)}) = 54.3 \text{ dB}$. In terms of environmental noise, the sound level is 54 dBA.

Again, reporting decibels in whole numbers is acceptable.

Table I, below, provides the calculations of the distances from Radio 1 (nearest unit to the receiver) to result in a combined sound level of 50 dBA for compliance with the noise standards of the City of San Mateo.

TABLE I		
Ericsson 6705 Radio Cluster Noise Analysis		
Tilt Bracket Mount System		
	Sound Level	Distance
	dBA	(inches)
Radio Reference	6.0 Bels Sound Power	0
Radio Reference	53.5	12
Radio 1	49	21
Radio 2	42	47
Radio 3	42	47
Combined	50	

As shown in Table I, the minimum distance from the nearest radio to the receiver location in a tilt bracket mount system shall be 21 inches. The distance to the center of the pole would be this distance plus the radius, which equals approximately 37 inches or 3'1" .

When the clusters are mounted high on a pole and the receiver location is at a lower elevation, these minimum distances can be applied to the angled distance between the bottom of the radios and the receiver location.

Conclusion

This report presents the results of a noise emission analysis of the Ericsson 6705 radio configuration cluster nodes for various installations in the City of San Mateo.

The installation of the 3-radio configuration assemblies analyzed in this study at the minimum distances shown in Table I will result in sound levels no higher than 50 dBA, which will be in compliance with the City of San Mateo Noise Ordinance standard for noise sensitive receivers.

Based on the information provided by Crown Castle, technical data and the analysis presented in this report, it is our professional opinion that the proposed design should, under the conditions noted above, comply with the applicable City of San Mateo Noise Ordinance.

If you need any additional information or would like an elaboration on this report, please please contact the appropriate Crown Castle's representative.

Sincerely,

EDWARD L. PACK ASSOC., INC.

A handwritten signature in blue ink, appearing to read "Jeffrey K. Pack", is written over a horizontal line.

Jeffrey K. Pack
President

Attachments: Appendix A

APPENDIX A

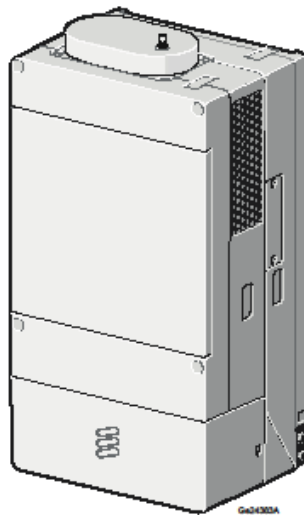
Ericsson 6705 Data Sheet



Streetmacro Description

Streetmacro 6705

Description



586/1551-LZA 701 0001/1 Uen B



2.3.1 Operating Environment

The following is a list of values for the Streetmacro unit in normal operating environment:

Temperature range	-40°C through +55°C
Relative humidity	5–100%
Absolute humidity	0.26 g/m ³ through 40 g/m ³
Maximum temperature change	1°C/min

2.3.2 Acoustic Noise

The unit may emit low levels of acoustic noise during operation.

The acoustic noise depends on the ambient temperature.

Table 6 Sound Power Level

Temperature (°C)	Sound Power Level (Bel)
+55	< 6.0

2.3.3 Vibration

This section describes the unit tolerance to vibrations.

The unit operates reliably during seismic activity as specified by test method IEC 60 068-2-57 Ff.

Maximum level of RRS	50 m/s ² within 2–5 Hz for DR=2%
Frequency range	0.3–50 Hz
Time history signal	VERTEQ II

The unit operates reliably during random vibration as specified by test method IEC 60 068-2-64 Fh method 1.

Random vibration frequency	2 Hz-200 Hz
Random vibration, X, Y axis	0.3 m ² /s ³
Random vibration, z axis	0.2 m ² /s ³

The unit operates reliably during shock as specified by test method IEC 60 068-2-27 Ea.

JEFFREY K. PACK

ACOUSTICAL CONSULTANT

Curriculum Vitae

EDUCATION

Berklee College of Music, Boston, Massachusetts, 1984
Bachelor of Music; Professional Music

University of Southern California, Los Angeles, 1981
Bachelor of Science; Geological Sciences

West Valley College, Saratoga, California, 1979
Associate in Science; Science and Mathematics

EXPERIENCE

7/81 to President and Principal Consultant
Present

Edward L. Pack Associates, Inc.
San Jose, California

Mr. Pack has experience in architectural, environmental, and industrial acoustics, including interior design of office buildings, hospitals, medical buildings, hotels, recording studios, auditoriums and residences, HVAC noise control, mechanical equipment enclosures, roadway and railroad noise barriers, transportation noise assessments and industrial facility noise control. Transportation noise assessments involve the analysis of automobile, truck, railroad and aircraft noise as they impact residential, commercial and industrial land uses. His responsibilities are involved with both the administrative and technical aspects of Edward L. Pack Associates and his duties also include presentations at public hearings, expert witness testimony, conducting seminars in acoustics, directing and monitoring construction corrective work in residential and commercial buildings and the design and construction direction of noise enclosures for mechanical equipment. Measurements, analyses, and evaluations are made to develop the specific recommendations required for the correction of noise and vibration problems.

He has extensive experience in the field of interior acoustics associated with auditoriums, multi-purpose rooms, gymnasiums, classrooms, churches, public meeting halls, TV and audio/visual recording studios, hospitals, and other acoustically critical spaces. Mr. Pack is an expert in architectural acoustics designing noise isolating walls, windows and floor/ceilings, particularly in multi-family housing for compliance with State and local building codes.

Jeffrey K. Pack, (cont'd)

5/86 to
5/94

President

The Techtonics Company
Sunnyvale, California

Mr. Pack designed, developed, and manufactured acoustic and electronic drum triggering devices, acoustic stringed instrument transducers, including piezoelectric pick-ups for guitars, violins, violas, cellos and basses from inception through final shipping. As President, duties included management of production personnel, purchasing, sales, marketing, and advertising. Retail stores and distributors carrying The Techtonics Company products are located worldwide.

2/93 to
3/94

Adjunct Professor

Cogswell Polytechnical College
Cupertino, California

Adjunct professor of acoustics, which included teaching noise control engineering, audio engineering, architectural acoustics, and sound reinforcement system design.

7/84 to
12/87

Owner

Mirage Music Technologies
San Jose and Hermosa Beach, California

Mr. Pack designed and constructed speaker cabinets, taught music, designed sound reinforcement systems, worked as a DJ for private and public events, worked as a performing musician.

His prior experience includes teaching assistant for Oceanography 210 at USC, 4 years as private drum and percussion instructor, conducting seminars in acoustics and noise control, and in music education as the South Bay Area Alumni Representative for the Berklee College of Music. Other engineering experience included geologic structure mapping, mineralogy, and geologic engineering.

AFFILIATIONS

Acoustical Society of America
American Institute of Physics
Audio Engineering Society
National Council of Acoustical Consultants
Sigma Gamma Epsilon Geological Society

Project Purpose and Technical Objectives

Crown Castle Fiber LLC

Project Narrative

Application ID No. CA_SF_SANMATEO_195MI

I. INTRODUCTION

This Project Narrative is submitted to the City of San Mateo in support of its applications for the installation of wireless telecommunications facilities pursuant to City of San Mateo Municipal Code Chapter 10 Article 18, Wireless telecommunications facilities within the public right-of-Way.

a. Crown Castle

Crown Castle Fiber LLC (“Crown Castle”) provides wireless carriers with the infrastructure they need to keep people connected and business running. With approximately 40,000 towers and 18,000 small cell nodes supported by approximately 60,000 miles of fiber, Crown Castle is the nation’s largest provider of shared wireless infrastructure, with a significant presence in the top 100 US markets.

Crown Castle’s small cell network (SCN) represents the state-of-the-art in wireless telecommunications network technology. It is a low-profile telecommunications system capable of delivering wireless services to customers of multiple carriers such as Verizon, AT&T, Sprint, Metro PCS and T-Mobile. The elements of Crown Castle’s SCN are small-scale, as individual SCN facilities can be attached to standard sign poles that take up little space in the public rights-of-way (“ROW”) or, where feasible, onto existing elements in the ROW such as streetlights, traffic signals, and wooden utility poles. Crown Castle SCN therefore allows one aesthetically unobtrusive system to take the place of multiple antennas or macro-sites constructed by individual carriers -- a single, streamlined solution that diminishes the prospect of multiple carrier-constructed antenna facilities servicing a given area. Put another way, Crown Castle SCN permits many carriers to provide their services over one system with only a single series of vertical elements.

b. The Proposed Project

i. The Network.

Crown Castle proposes developing its SCN network with approximately one-hundred and ninety-seven new (197) antenna nodes in the ROW (the “Project”) in the City of San Mateo (“Network”). All proposed nodes qualify as Small Wireless Facilities as defined in 47 C.F.R § 1.6002(l). Specifically, this application proposes one antenna node submitted to the City of San Mateo for a Wireless Permit by the Department Public Works. Completion of the Project will provide needed wireless broadband and communications services and the addition of critical network capacity to throughout portions of the City of San Mateo (“Service Area(s)”). Where feasible, each of the 197

nodes comprising the SCN will utilize existing vertical elements in the ROW, including utility poles and city-owned Streetlights.

Each SCN node receives an optical signal from a central hub and distributes the signal to the antenna nodes via fiber optic cable. The optical signal is then propagated from the SCN nodes in the form of radio frequency transmissions. Distribution of signal from the hub to the low-power, low-profile antenna nodes, allows carriers to offload service capacity and provide wireless communications and data services to areas otherwise difficult to reach with conventional wireless telecommunications facilities.

By using existing streetlight, traffic signal poles, and utility pole attachments whenever possible, the Project seeks to reduce the addition of new vertical elements, thereby minimizing intrusions into the right-of-way (“ROW”).

ii. *Network Facility Features.*

A majority of the proposed sites consist of the node units mounted directly to a streetlight pole with the attachment of antennas and radios in a shroud on the side of the pole. Fiber optic connections and power connections will be brought underground to these facilities. The total height of the pole mounted facilities, measured from grade level, is typically up to 40’. In addition, the nodes located on streetlights require an underground pull box containing fiber optic cable connection. The fiber converters convert digitalized spectrum received from the hub into RF signals emitted from the node to the Service Area.

II. APPLICABLE LEGAL STANDARDS.

Crown Castle presents this analysis pursuant to the City of San Mateo Municipal Code. Specifically, this narrative demonstrates the demands and rationale that led to the selection of a particular location and design for the telecommunication facilities proposed herein.

a. Applicable State Law.

i. *Public Utilities Code Sections 7901 and 7901.1*

Crown Castle is a “competitive local exchange carrier” (“CLEC”). CLECs are public utilities and therefore have a special status under state law. By virtue of the California Public Utilities Commission’s (“CPUC”) issuance of a certificate of public convenience and necessity (“CPCN”), CLECs have authority under state law to “erect poles, posts, piers, or abutments” in the ROW subject only to local municipal control over the “time, place and manner” of access to the ROW.¹

The CPUC has issued a CPCN (attached as Exhibit D) authorizing Crown Castle to construct the Network pursuant to its regulatory status under state law. Crown Castle’s special regulatory status as a CLEC gives rise to a vested right to use the ROW in the City to “construct ... telephone lines

¹ Pub. Util. Code, §§ 1001, 7901; 7901.1; see *Williams Communication v. City of Riverside*, 114 Cal. App. 4th 642, 648 (2003) [upon obtaining a CPCN, a telephone corporation has “the right to use the public highways to install [its] facilities.”].

along and upon any public road or highway, along or across any of the waters or lands within this State” and to “erect poles, posts, piers, or abutments for supporting the insulators, wires, and other necessary fixtures of their lines, in such manner and at such points as not to incommode the public use of the road or highway[.]”² The nature of the vested right was described by one court as follows:

... “[I]t has been uniformly held that [section 7901] is a continuing offer extended to telephone and telegraph companies to use the highways, which offer when accepted by the construction and maintenance of lines constitutes a binding contract based on adequate consideration, and that the vested right established thereby cannot be impaired by subsequent acts of the Legislature. [Citations.]” ...

Thus, telephone companies have the right to use the public highways to install their facilities.³

While Public Utility Code section 7901.1 grants local municipalities the limited “right to exercise reasonable control as to the time, place, and manner in which roads, highways, and waterways are accessed [.]” such controls cannot have the effect of foreclosing use by Crown Castle of the ROW or otherwise prevent Crown Castle from exercising its right under state law to “erect poles” in the ROW. That is because “the construction and maintenance of telephone lines in the streets and other public places within the City is today a matter of state concern and not a municipal affair.” (Williams Communication v. City of Riverside, *supra*, 114 Cal.App.4th at p. 653.)

On the basis of Crown Castle’s status as a CLEC, and its attendant rights to the ROW, the Network is designed as a ROW system. With respect to the siting and configuration of the Network, the rights afforded under PUC sections 7901 and 7901.1 apply. Crown Castle reserves its rights under section 7901 and 7901.1, including, but not limited to, its right to challenge any approval process, that impedes or infringes on Crown Castle’s rights as a CLEC.

ii. Government Code Section 50030.

Government Code section 50030 also applies to telephone corporations seeking to install their facilities in the public rights-of-way. That section provides that a city cannot require payment for entry into its ROW beyond what is necessary to address the “reasonable costs of providing the service for which the fee is charged.”⁴ Section 50030 constitutes a legislative determination that any fee or exaction that exceeds the cost of addressing actual impacts arising from the construction of a telephone network is unlawful because it fails to satisfy the nexus and rough proportionality requirements under the dual Supreme Court cases of *Nollan v. California Coastal Commission*, 483 U.S. 825 (1987), and *Dolan v. City of Tigard*, 512 U.S. 374 (1994).

iii. Government Code Section 65964.1.

² Pub. Util. Code, § 7901.

³ *Williams Communications v. City of Riverside*, *supra*, 114 Cal.App.4th at p. 648 quoting *County of L.A. v. Southern Cal. Tel. Co.* (1948) 32 Cal.2d 378, 384 [196 P.2d 773].

⁴ *Williams Communications v. City of Riverside*, *supra*, 114 Cal.App.4th at p. 648.

Government Code section 65964.1 became effective on January 1, 2022. Pursuant to this provision, an application for a new wireless facility is deemed approved if: (a) the city --including a charter city -- or county fails to approve or disapprove the application within the time periods established in the Federal Communications Commission’s (“FCC”) 2018 Declaratory Rulings (33 FCC Rcd 9088 (14) (60 days for collocation of small wireless facilities and 90 days for stand-alone small wireless facilities; 150 days for non-small wireless facilities), and (b) all public notices regarding the application have been provided. (Gov. Code, § 65964.1, subd. (a).) The new statute also contains an express finding that wireless telecommunications facilities are a matter of statewide concern, not a “municipal affair” as that term is used in section 5 of Article XI of the California Constitution. (Id., § 65964.1, subd. (e).)

b. Applicable Federal Law.

i. *The Federal Telecommunications Act.*

The Telecommunications Act of 1996 (“Telecom Act”) governs the deployment of telecommunications infrastructure and was “intended to remove all barriers to entry in the provision of telecommunications services.”⁵ Sections 253 and 332 of the Telecom Act speak directly to Congress’s determination that certain state and local regulations are unlawful.⁶ Section 253 represents a “broad preemption of laws that inhibit competition.”⁷ Section 253(a) provides, in relevant part:

No State or local statute or regulation, or other State or local legal requirement, may prohibit or have the effect of prohibiting the ability of any entity to provide any interstate or intrastate telecommunications service. 47 U.S.C. § 253(a).

Similarly, section 332(c)(7) states:

The regulation of the placement, construction, and modification of personal wireless service facilities by any State or local government or instrumentality thereof—(I) shall not unreasonably discriminate among providers of functionally equivalent services; and (II) shall not prohibit or have the effect of prohibiting the provision of personal wireless services. 47 U.S.C. § 332(c)(7)(B)(i).

⁵ *In the Matter of Accelerating Wireless Broadband Deployment by Removing Barriers to Infrastructure Investment*, Declaratory Ruling and Third Report and Order, WT Docket Nos. 17-79, 17- 84, FCC 18-133, ¶ 14 (rel. Sept. 27, 2018) (“*Removing Barriers*”) (citing congressional conference report on the Telecom Act).

⁶ *Id.* at ¶15; Section 253(a) addresses “any interstate or intrastate telecommunications service,” while section 332(c)(7)(B)(i)(II) addresses “personal wireless services”—a type of telecommunications service (wireless). *In the Matter of Accelerating Wireless Broadband Deployment by Removing Barriers to Infrastructure Investment*, Declaratory Ruling and Third Report and Order, WT Docket Nos. 17-79, 17-84, FCC 18-133, ¶ 34 (rel. Sept. 27, 2018) (citing 47 U.S.C. §§ 253(a), 332(c)(7)(B)(i)(II) (“*Removing Barriers*”).

⁷ *Removing Barriers*, at ¶15 (citing *Puerto Rico Tel. Co. v. Telecomm. Reg. Bd. of Puerto Rico*, 189 F.3d 1, 11 n.7 (1st Cir.1999)).

Section 332 further provides as follows:

A State or local government or instrumentality thereof shall act on any request for authorization to place, construct, or modify personal wireless service facilities within a reasonable period of time after the request is duly filed with such government or instrumentality, taking into account the nature and scope of such request. 47 U.S.C. § 332(c)(7)(B)(ii).

Any decision by a state or local government or instrumentality thereof to deny a request to place, construct, or modify personal wireless service facilities shall be in writing and supported by substantial evidence contained in the written record. 47 U.S.C. § 332(c)(7)(B)(iii).

As noted above, the Telecom Act prohibits localities from taking actions (or not acting) that either prohibit or have “the effect of prohibiting the provision of” telecommunications services and personal wireless service. In 2018, the Federal Communications Commission (“FCC”) declared that the proper standard for determining whether a state or local requirement has the effect of prohibiting service and violates sections 253 and 332 is the “materially inhibit” standard articulated in the FCC’s 1997 *California Payphone* decision.⁸ Under that decision, a state or local law has the improper effect of prohibiting the provision of telecommunications services if it “materially inhibits a provider’s ability to engage in any of a variety of activities related to its provision of a covered service.”⁹ “This test is met not only when filling a coverage gap but also when densifying a wireless network, introducing new services or otherwise improving service capabilities.”¹⁰ In other words, “a state or local legal requirement could materially inhibit service in numerous ways[,]” including “materially inhibiting the introduction of new services or the improvement of existing services.”¹¹

In addition to the above, other FCC enactments and policies also guide local governmental actions, including the following:

- (1) The “Shot Clock” Rule: On November 18, 2009, the Federal Communications Commission (“FCC”) adopted the “Shot Clock” Rule, placing strict time limits on local governments to act on applications for the siting of wireless telecommunications facilities. The “Shot Clock” Rule was intended to “promote[] deployment of broadband and other wireless services” by “reducing delays in construction and improvement of wireless networks.”
- (2) The Updated “Shot Clock” Rule: In 2018, the FCC revisited the 2009 “Shot Clock” Rule. Among other findings and

⁸ *Removing Barriers*, at ¶¶ 10, 31.

⁹ *Id.*, at ¶ 37.

¹⁰ *Id.*

¹¹ *Id.*

rulings, the FCC shortened the “Shot Clock” timeframe during which local governments must act on applications for the siting of small wireless telecommunications facilities, restricted the fee rates jurisdictions may lawfully charge for small wireless telecommunications facilities, and established a new remedy for violations of the “Shot Clock” Rule. Further, the FCC clarified that jurisdictions act solely within their regulatory capacity when dictating the terms of access to their public rights-of-way and instituted procedures for processing applications. The following year, in its decision in *City of Portland v. United States*, No. 18-72689, (9th Cir. 2020), the Ninth Circuit Court confirmed all the preceding FCC findings.

III. JUSTIFICATION

As discussed more fully below, the Service Area described prior currently experiences a degradation in service due to capacity limitations in wireless telecommunications coverage. To bolster this degradation in service and/or capacity, Crown Castle proposes small wireless facility nodes to support the degradation in this area. As a CLEC entitled to ROW access, Crown Castle construct its systems in the ROW. On that basis and during the network planning phase, Crown Castle examines locations potentially available for siting within the ROW. The analysis below demonstrates the reasons behind Crown Castle’s proposal for small wireless facilities and their placement in the locations specified in the applications.

a. Height of the Proposed Facilities.

The antenna heights and locations of the Small Cell Site nodes were chosen to provide the minimum signal level needed to meet critical coverage and/or capacity needs in the Service Area. Despite the technical limitations of a low-profile system, Crown Castle seeks to maximize the coverage of each node location, since maximization of the node performance equates to a lower overall number of facilities for the Network. Accordingly, each location was chosen to provide an effective relay of signal from the adjacent node and nearby base station, so that ubiquitous coverage and capacity of the minimum signal level is provided throughout the Service Area with the minimum number of nodes.

b. Location of Proposed Facilities.

The selected node locations maximize the RF coverage of the node and minimize interference/overlap with the other nodes of the system, resulting in a lower overall number of facilities for the Network and a less obstructive system. Each node provides an effective relay of signal from the adjacent node, so that ubiquitous coverage is provided throughout the Service Area. Because each node is locationally dependent on the other nodes of the Network, moving a node

too far from its proposed location will result in an inability to meet coverage objectives and thereby impair the Network, rendering relocation technically infeasible. In selecting node locations, Crown Castle also sought out use of existing utility, streetlight, and street sign pole sites that could serve as a potential host site for an alternative location.

c. Small Wireless Facility Sites

Apart from the siting considerations described above, Small Wireless Facilities are inherently unobtrusive by design. Small Wireless Facilities were developed as a smaller-scale solution to, and in support of, the larger macro-site or cell tower. It therefore represents a significant technological advance in the development of smaller profile wireless transmission devices. As devices shrink in size, they also, necessarily, shrink in power. Accordingly, more facilities are needed, and such facilities must be located closer to the user. The proposed nodes are designed to be smaller scale and lower power to allow them to integrate more easily into their surroundings.

The proposed facilities combine a smaller scale product with state-of-the-art technology that allows for multiple carriers to provide service from the node. The nodes are designed to blend into the existing elements of the ROW. They feature narrow-profile poles and minimal equipment. Each facility also will be designed to blend with existing features in the road. Crown Castle's network of supports coverage by offloading capacity from the existing surrounding (macro) sites while also reducing impact to the ROW in the following manner:

- (1) Crown Castle Small Cell Site node utilizes the latest in wireless infrastructure technology, incorporating smaller, low-power facilities instead of using larger, more obtrusive cell towers;
- (2) Crown Castle Small Cell Site node utilizes the ROW, thereby avoiding intrusions into private property or undeveloped sensitive resource areas;
- (3) Crown Castle Small Cell Site allows for collocation by multiple carriers, thereby avoiding proliferation of nodes;
- (4) Crown Castle Small Cell site strikes a balance between antenna height, capacity and coverage in order to minimize visual impacts;
- (5) Crown Castle Small Cell Site carefully spaces the nodes to effectively relay signal with a minimum number of node locations; and
- (6) Crown Castle Small Cell Site seeks to utilize existing vertical elements in the ROW, such as utility poles and street light poles, thereby minimizing the net number of vertical intrusions in the ROW.

d. Health and Safety/FCC Compliance.

The FCC has preempted the field of compliance with RF emission standards. Moreover, section 47 U.S.C. 332(c)(7)(B)(iv) preempts local and state governments from regulating the siting of wireless telecommunications facilities on the basis of the perceived health effects of RF emissions. Nevertheless, the Network, and all equipment associated with the Network, complies with all applicable FCC RF emission standards. A demonstration of the Network's compliance with applicable FCC RF emission standards is enclosed with the application and marked as "Attachment 07 - RF Compliance Report".

e. Selection Criteria for Each Node Site.

Given the low profile of the nodes, and the resultant limitations of such a low-profile system, Crown Castle seeks to maximize capacity off load coverage of each node location because maximization of the node coverage equates to a lower overall number of facilities for the network and a less incursive system. Each node is locationally dependent on the other nodes of the Network. Accordingly, each location was specifically chosen to provide an effective relay of signal from the adjacent node, so that ubiquitous coverage is provided throughout the Service Area with the least number of nodes. To move a node too far from its proposed location will therefore result in an inability to effectively offload service capacity in order to meet the node's technical objectives as the node is unable to properly propagate its signal to the other nodes within the larger Network. The further a node is moved from its proposed location, the more the signal from that node will weaken. The technical limitations of small wireless facilities may result in limited viable options for their placement, as relocating a node by more than 50 feet from the proposed location materially impairs its technical capability.

While Crown Castle is able to install new poles to achieve its RF capacity offload and coverage objectives, technical objectives are not Crown Castle's sole consideration when selecting a node location. Crown Castle also considers aesthetic impacts, making the strategic decision to minimize the installation of new poles, where feasible, by installing nodes on existing vertical elements, including streetlights and wooden utility poles. By approaching a network design in this matter, Crown Castle limits proliferation of verticalities in the public ROW. Crown Castle considers the following factors during the site selection process:

- (1) Technical feasibility;
- (2) Ability to utilize existing vertical elements;
- (3) Ability to offload and support capacity demands, meet RF objectives; and
- (4) Minimization of visibility/aesthetic impacts.

f. Selection Criteria for Node Site Location.

Each node of the Network is necessary to support a degradation of service due to overload on the system. The need to maintain minimum quality of service to a level that allows adequate in-building coverage and to address growing capacity demands is underscored by the greater numbers

of customers dropping their landlines and relying solely on wireless telecommunications for their phone service. Additionally:

- (1) In a recent international study, the United States dropped to fifteenth in the world in broadband penetration, well behind South Korea, Japan, the Netherlands and France.¹²
- (2) 40 percent of all American homes are now wireless only.¹³
- (3) More and more civic leaders and emergency response personnel cite lack of a robust wireless network as a growing public safety risk. The number of 911 calls placed by people using wireless phones has significantly increased in recent years. It is estimated that about 70 percent of 911 calls are placed from wireless phones, and that percentage is growing.¹⁴
- (4) Data demand from new smartphones and tablets is leading to a critical deficit in spectrum, requiring more wireless antennas and infrastructure. According to a 2011 report, wireless data traffic was 110 percent higher than in the last half of 2010. Similarly, AT&T reports that its wireless data volumes have increased 30-fold since the introduction of the iPhone.¹⁵
- (5) Wireless data traffic grew by a factor of 20 between 2010 and 2015.¹⁶

As more Americans depend on wireless communications technologies and smartphone, reliable network capacity and maintaining high level in-building service coverage is and will continue to be critical. The San Mateo Service Area is currently experiencing insufficient coverage and/or capacity. Users in the Service Area therefore would experience an intolerably high percentage of blocked and dropped calls and/or slow data speeds for outside use, with a commensurate decline in signal strength as one moves toward the inside of existing buildings and homes. Crown Castle Small Cell Site nodes seek to provide sufficient signal strength to ensure not only adequate signal for mobile and outdoor users, but further support for reliable in-building coverage for all those customers who may seek to abandon their home landlines and sufficient capacity to address new data demands from smartphones and tablets. Wireless customers must be able to count on a level of service commensurate with that provided by landlines.

g. Additional Information Provided Regarding Drive Tests-NOIs

¹² Organization for Economic Co-operation and Development (OECD) Directorate for Science, Technology, and Industry, "Broadband Statistics," (June 2010): www.oecd.org/sti/ict/broadband.

¹³ Federal Communications Commission (April 2013).

¹⁴ Federal Communications Commission (2013) <http://www.fcc.gov/guides/wireless-911-services>. Executive Office of the President Council of Economic Advisors (White House, Feb. 2012) at 2-6.

¹⁵ *Id.*

¹⁶ *Id.*

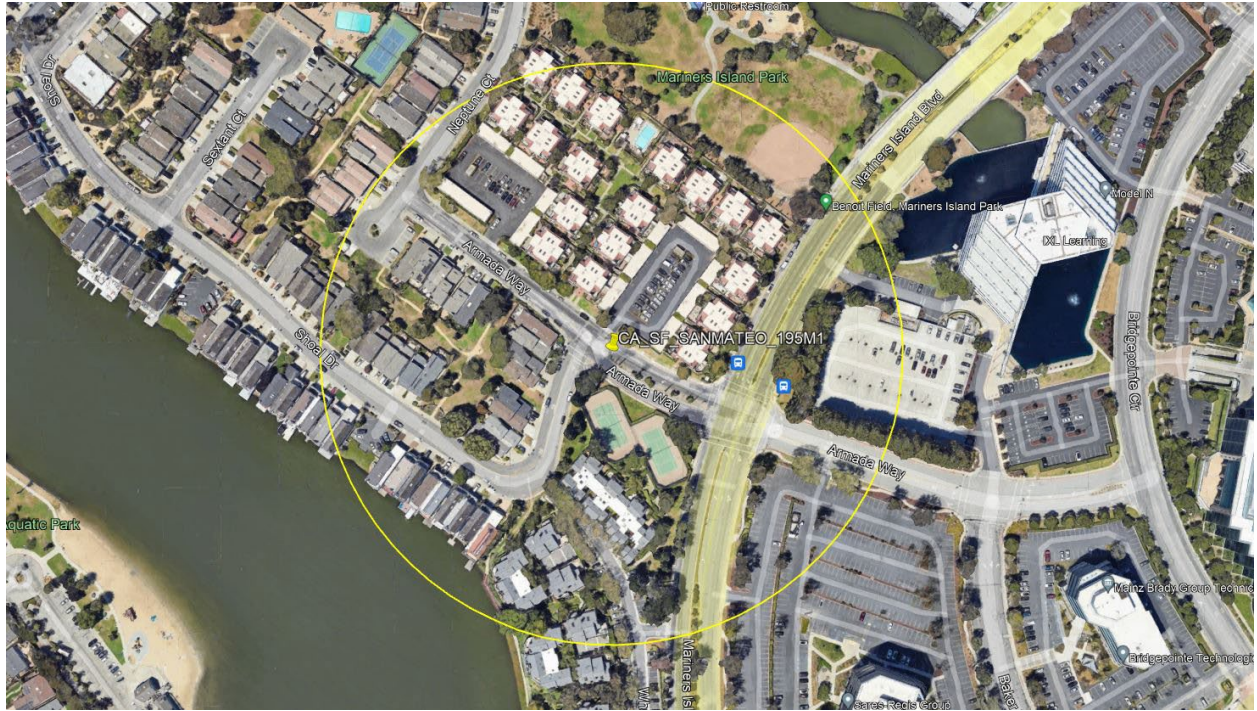
Drive test data, which is requested to show the area of coverage for the proposed site, is not relevant for a small wireless facility that is needed to address capacity constraints and network densification needs as opposed to traditional coverage gaps. Crown Castle did not conduct in-field drive tests and is unable to provide any drive test results reflecting any gaps in coverage or coverage are, as addressing a coverage gap is not a technical objective of the project at hand. We are instead improving existing service and introducing the 5G spectrum, a new service, to the San Mateo area. Small Cells are needed to densify the overall network and Crown Castle is targeting the Public Right of Way where 5G is not yet available. Please be advised that pursuant to the FCC, a provider enhancing, densifying, expanding, or introducing new services need not show a significant gap in order to show necessity for its facilities—it may instead use other, more relevant means of showing its introduction of new or improvement of existing services.¹⁷ The instant narrative and other application materials show Crown Castle is introducing new and improving existing services in the San Mateo area.

IV. CONCLUSION

Crown Castle respectfully presents its Wireless Permit applications for wireless communications facility nodes for the Network. Crown Castle's representatives are available to answer any questions.

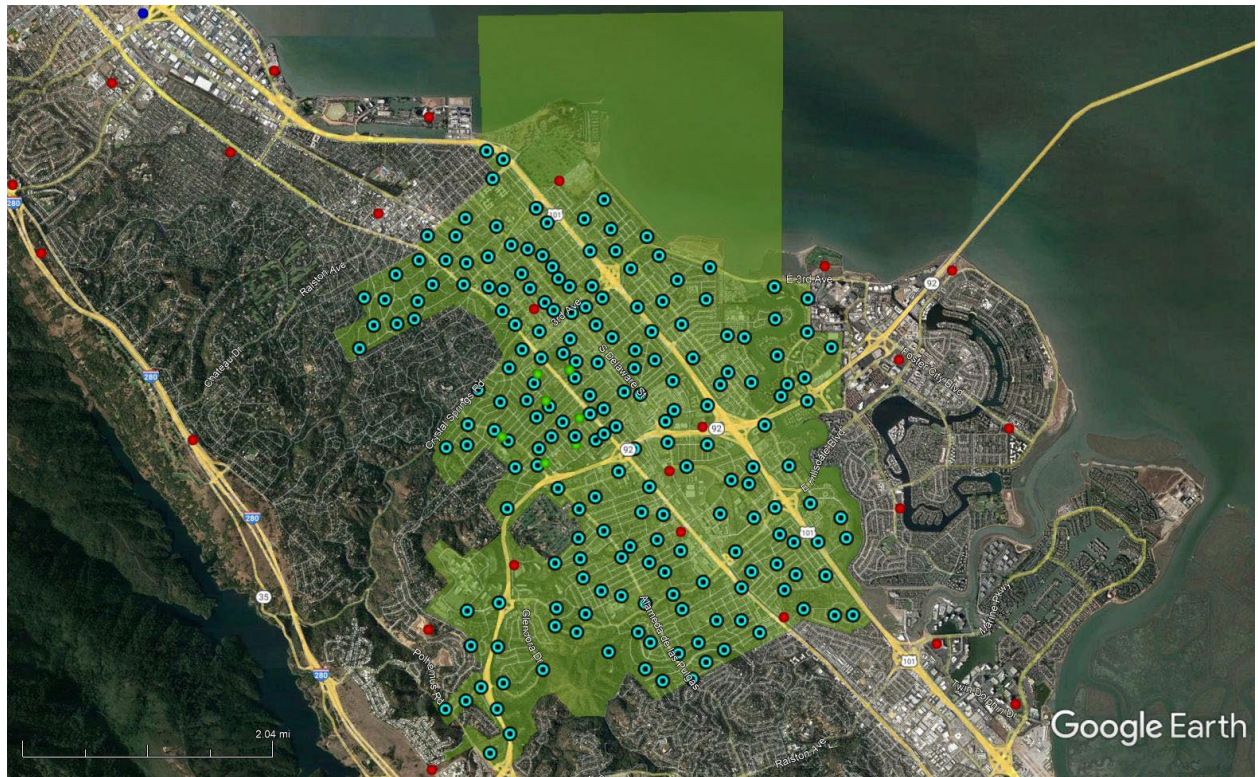
¹⁷ *Removing Barriers*, at ¶ 37.

V. GEOGRAPHIC MAP OF COVERAGE IMPROVEMENT WITH NEW SERVICE








500' RADIUS OF COVERAGE WITH NEW SITE INSTALLED AT LOCATION

VI. OVERVIEW MAP OF CROWN CASTLE'S EXISTING AND PROPOSED NETWORK



Legend:

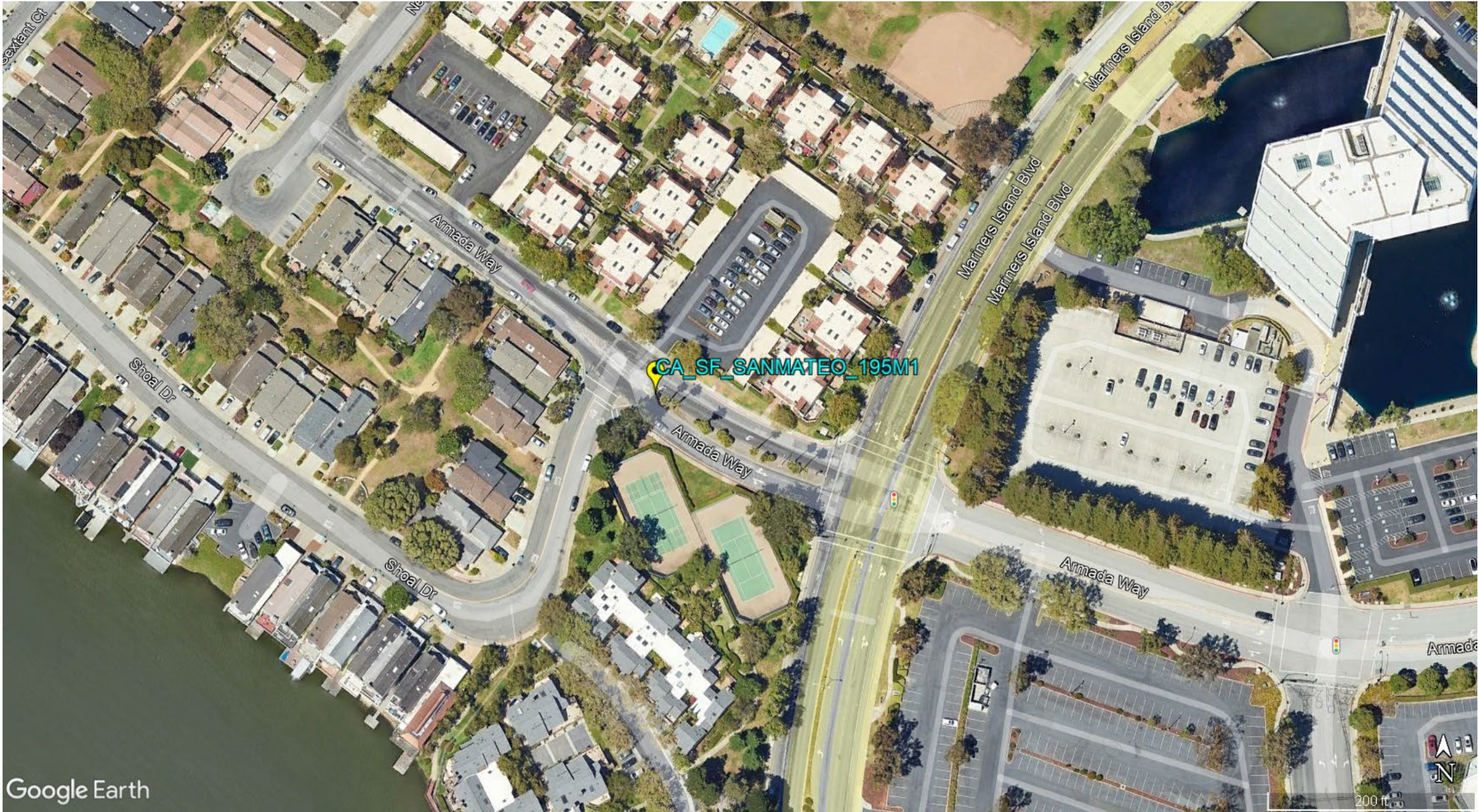
-  City of San Mateo
-  Existing Verizon Macros
-  Existing Verizon oDAS Nodes
-  Existing Verizon Small Cells
-  Proposed Small Cells

Alternative Site Analysis

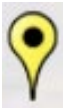
City of San Mateo

Primary Candidate for San Mateo Bridge Headend

Node	Latitude	Longitude	Structure Type	Address	Zoning district designation
CA_SF_SANMATEO_195M1	37.561501	-122.288572	Metal Streetlight	2317 Armada Way, San Mateo, CA 94404 (in the median)	R2



Legend



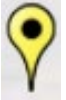


Proposed Node

San Mateo Bridge Headend

Primary and Alternate Candidates for CA_SF_SANMATEO_195M1



Legend

-  Proposed Node
-  Streetlight Pole
-  Traffic Light
-  500ft Radius

- 23 Sites Evaluated
- All other sites eliminated due to being less preferable locations, G095 restrictions, not following PG&E standards and guidelines, not meeting network coverage and capacity, or deemed more intrusive due to environmental and visual impacts.

San Mateo Bridge Headend

Primary and Alternative Candidates for CA_SF_SANMATEO_195M1

Node	Latitude	Longitude	Structure Type	Address	Zoning district designation	Reason for Being Acceptable or Unacceptable
CA_SF_SANMATEO_195M1	37.561501	-122.288572	Metal Streetlight	2317 Armada Way, San Mateo, CA 94404 (in the median)	R2	Will meet the coverage objective.
ALT 01	37.561041	-122.287675	Traffic Light	(Junction of) Armada Way & Mariners Island Blvd, San Mateo, CA 94404	E1-0.62/R	Wireless facilities are not allowed on traffic poles per the City's design standards.
ALT 02	37.561061	-122.287882	Traffic Light	(Junction of) Armada Way & Mariners Island Blvd, San Mateo, CA 94404	In between R2 & E1-0.62/R	Wireless facilities are not allowed on traffic poles per the City's design standards.
ALT 03	37.561381	-122.287954	Traffic Light	(Junction of) Armada Way & Mariners Island Blvd, San Mateo, CA 94404	R2	Wireless facilities are not allowed on traffic poles per the City's design standards.
ALT 04	37.560355	-122.288054	Metal Streetlight	901 Mariners Island Blvd, San Mateo, CA 94404 (in the median)	In between R2 & E1-0.62/R	Will not work because the pole is too far away from our targeted coverage and capacity relief area. 5G signal travels ~200ft with line of sight based on the surroundings. This ALT does not meet our RF requirements and is located ~360ft away from our primary target.
ALT 05	37.560706	-122.288006	Metal Streetlight	901 Mariners Island Blvd, San Mateo, CA 94404 (in the median)	In between R2 & E1-0.62/R	Will not work because the pole is too far away from our targeted coverage and capacity relief area. 5G signal travels ~200ft with line of sight based on the surroundings. This ALT does not meet our RF requirements and is located ~465ft away from our primary target.
ALT 06	37.560984	-122.287367	Metal Streetlight	901 Mariners Island Blvd, San Mateo, CA 94404 (on Armada Way)	E1-0.62/R	Will not work because tree vegetation is encroaching the pole interfering with RF coverage.. Tree interference will cause a decrease in antenna signal and loss of coverage.
ALT 07	37.561376	-122.287718	Traffic Light	(Junction of) Armada Way & Mariners Island Blvd, San Mateo, CA 94404	In between R2 & E1-0.62/R	Wireless facilities are not allowed on traffic poles per the City's design standards.
ALT 08	37.561721	-122.28751	Metal Streetlight	777 Mariners Island Blvd, San Mateo, CA 94404 (in median)	In between R2 & E1-0.62/R	Will not work because the pole is too far away from our targeted coverage and capacity relief area. 5G signal travels ~200ft with line of sight based on the surroundings. This ALT does not meet our RF requirements and is located ~315ft away from our primary target.
ALT 09	37.562014	-122.287288	Metal Streetlight	777 Mariners Island Blvd, San Mateo, CA 94404 (in median)	In between R2 & E1-0.62/R	Will not work because the pole is too far away from our targeted coverage and capacity relief area. 5G signal travels ~200ft with line of sight based on the surroundings. This ALT does not meet our RF requirements and is located ~420ft away from our primary target.
ALT 10	37.561092	-122.287003	Metal Streetlight	901 Mariners Island Blvd, San Mateo, CA 94404 (on Armada Way)	E1-0.62/R	Will not work because tree vegetation is encroaching the pole interfering with RF coverage.. Tree interference will cause a decrease in antenna signal and loss of coverage.
ALT 11	37.561306	-122.288138	Metal Streetlight	2319 Armada Way, San Mateo, CA 94404 (in median)	R2	Would be acceptable but Crown Castle believes the primary candidate is better option to meet the RF coverage and capacity criteria.
ALT 12	37.561302	-122.288968	Metal Streetlight	916 Shoal Dr, San Mateo, CA 94404	R2	Would be acceptable but Crown Castle believes the primary candidate is better option to meet the RF coverage and capacity criteria.
ALT 13	37.561728	-122.289048	Metal Streetlight	2235 Armada Way, San Mateo, CA 94404 (across the street)	R2	Would be acceptable but Crown Castle believes the primary candidate is better option to meet the RF coverage and capacity criteria.
ALT 14	37.562095	-122.289956	Metal Streetlight	870-898 Neptune Ct, San Mateo, CA 94404	R2	Will not work because the pole is too far away from our targeted coverage and capacity relief area. 5G signal travels ~200ft with line of sight based on the surroundings. This ALT does not meet our RF requirements and is located ~460ft away from our primary target.

San Mateo Bridge Headend

Primary and Alternative Candidates for CA_SF_SANMATEO_195M1

Node	Latitude	Longitude	Structure Type	Address	Zoning district designation	Reason for Being Acceptable or Unacceptable
ALT 15	37.562114	-122.289375	Metal Streetlight	2212 Armada Way, San Mateo, CA 94404	R2	Will not work because the pole is too far away from our targeted coverage and capacity relief area. 5G signal travels ~200ft with line of sight based on the surroundings. This ALT does not meet our RF requirements and is located ~330ft away from our primary target.
ALT 16	37.562486	-122.289472	Metal Streetlight	2205 Armada Way, San Mateo, CA 94404	R2	Will not work because the pole is too far away from our targeted coverage and capacity relief area. 5G signal travels ~200ft with line of sight based on the surroundings. This ALT does not meet our RF requirements and is located ~450ft away from our primary target.
ALT 17	37.562308	-122.289877	Metal Streetlight	874 Neptune Ct, San Mateo, CA 94404	R2	Will not work because the pole is too far away from our targeted coverage and capacity relief area. 5G signal travels ~200ft with line of sight based on the surroundings. This ALT does not meet our RF requirements and is located ~480ft away from our primary target.
ALT 18	37.56082	-122.289046	Metal Streetlight	939 Shoal Dr, San Mateo, CA 94404	R2	Will not work because the pole is too far away from our targeted coverage and capacity relief area. 5G signal travels ~200ft with line of sight based on the surroundings. This ALT does not meet our RF requirements and is located ~280ft away from our primary target.
ALT 19	37.561153	-122.289838	Metal Streetlight	971 Shoal Dr, San Mateo, CA 94404	R2	Will not work because the pole is too far away from our targeted coverage and capacity relief area. 5G signal travels ~200ft with line of sight based on the surroundings. This ALT does not meet our RF requirements and is located ~390ft away from our primary target.
ALT 20	37.561095	-122.289378	Metal Streetlight	936 Shoal Dr, San Mateo, CA 94404	R2	Will not work because tree vegetation is encroaching the pole interfering with RF coverage.. Tree interference will cause a decrease in antenna signal and loss of coverage.
ALT 21	37.561535	-122.290172	Metal Streetlight	994 Shoal Dr, San Mateo, CA 94404	R2	Will not work because the pole is too far away from our targeted coverage and capacity relief area. 5G signal travels ~200ft with line of sight based on the surroundings. This ALT does not meet our RF requirements and is located ~470ft away from our primary target.
ALT 22	37.561305	-122.287577	Traffic Light	(Junction of) Armada Way & Mariners Island Blvd, San Mateo, CA 94404	E1-0.62/R	Wireless facilities are not allowed on traffic poles per the City's design standards.
ALT 23	37.561111	-122.288034°	Traffic Light	(Junction of) Armada Way & Mariners Island Blvd, San Mateo, CA 94404	R2	Wireless facilities are not allowed on traffic poles per the City's design standards.

Structural Analysis

Peter Lan
Crown Castle
1 Park Place
Dublin, CA 94568
(341) 216-4693



3875 Embassy Pkwy, Suite 280
Akron, OH 44333
(216) 273-8299

Date: **April 21, 2023**
KH Project #: KHCLE-38592

Structural Analysis Report

Site Designation:	Crown Node ID:	CA_SF_SANMATEO_195M1
	Crown SCU #:	508934
Analysis Criteria:	Code Requirements:	AASHTO LRFD LTS-1, TIA-222-H, 2018 IBC, 2019 California Building Code Wind Speed w/o Ice: 92 mph (3-sec gust) Wind Speed w/ Ice: N/A
Site Data:		2317 Armada Way, San Mateo, CA 94404, San Mateo County Latitude 37.561501°, Longitude -122.288572° Existing 28 Foot – Tapered Round Pole

Mr. Lan,

Kimley-Horn and Associates, Inc. is pleased to submit this “**Structural Analysis Report**” to determine the structural integrity of the above mentioned tower.

The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure, under the following load case, to be:

Existing+Proposed Equipment:

Tower Rating: 86.8% **Pass**

The analysis has been performed in accordance with the 2019 California Building Code based upon a 3-second gust wind speed of 92 mph. Exposure Category C and Risk Category II were used in this analysis.

Structural analysis prepared by: Carson VanderArk, EIT

Respectfully submitted by:

Michael Oglesby, P.E.
Lic. #82179, Exp. 03/31/2024
Kimley-Horn and Associates, Inc



▪ INTRODUCTION

At the request of Crown Castle, Kimley-Horn and Associates, Inc. performed a structural analysis of the existing streetlight monopole located in San Mateo, CA. The purpose of the analysis is to determine the adequacy of the tower to support the loading configuration outlined in Appendix A (tnxTower Output File), pursuant to the referenced standards.

▪ ANALYSIS CRITERIA

The analysis utilizes tnxTower v. 8.0.5, an industry-standard finite element analysis program used to create an elastic three-dimensional model considering second-order effects per AASHTO and ANSI/TIA-222 requirements. The program calculates member stresses for various loading cases and selected output from the analysis is included in the appendices.

TIA-222 Revision:	TIA-222-H
AASHTO Revision:	2015 LRFD LTS-1
Risk Category:	II
Wind Speed:	92 mph
Exposure Category:	C
Topographic Factor at Base:	1.00
Topographic Factor at Mount:	1.00
Ice Thickness:	0.00 in
Wind Speed with Ice:	N/A
Seismic S_s:	1.942
Seismic S_1:	0.799

▪ FATIGUE CONSIDERATIONS

Per review of AASHTO LRFDLTS-1 2015 in conjunction with the existing streetlight monopole evaluation, Kimley-Horn determined that consideration of fatigue design is not required for this structure. Per Section 11.4 of the LTS, a fatigue analysis is only required for structures that are either >55' (i.e. HMLT structures) or for structures with major overhead components (cantilevered or noncantilevered). Major overhead components do not include small/simple luminaires, the code's commentary (C11.4) states, "only specific types of structures are identified for fatigue design in this Article. Common lighting poles and roadside signs are not included because they are smaller structures and normally have not exhibited fatigue problems."

SUPPORTING DOCUMENTATION

Information on the current tower geometry, member sizes, foundation dimensions, soil properties, and antenna loading was obtained from the sources listed below. It is assumed that all information provided to Kimley-Horn & Associates, Inc. is accurate. In the absence of information to the contrary, we assume the structure has been properly erected and maintained per the original design drawings and the capacity has not significantly changed from the "as new" condition.

Ground Site Visit	Kimley-Horn, 3/28/2023
Construction Drawings	Kimley-Horn, Project #: KHCLE-38585

▪ RESULTS

The tables below show a maximum usage summary for each group of components in the structure. The usage of a component is the ratio of force in the member compared to its calculated capacity. A more detailed report of member usages can be found in the appendices at the end of this report. Usages greater than 100% indicate where the force in the member exceeds its capacity. Usages up to 100% are considered acceptable per AASHTO standard.

Structure Usages:

Structure Component	Controlling Usage	Result
Tower Shaft	83.7%	Pass
Base Plate	86.8%	Pass
Anchor Bolts	25.1%	Pass

▪ CONCLUSIONS AND RECOMMENDATIONS

Per our structural analysis, the structure has been found to pass. The tower can support the referenced loading in accordance with the structural strength requirements of AASHTO LRFD LTS-1, ANSI/TIA-222-H, 2018 IBC, and 2019 California Building Code.

▪ ASSUMPTIONS AND LIMITATIONS

This report is not a condition assessment of the tower; It is an engineering analysis based upon the theoretical capacity of the structure. Unless told otherwise, we assume the tower to be in “like new” condition. It is the responsibility of our client and the tower owner to verify that the tower modeled and loading considered is accurate. If these assumptions are not accurate, Kimley-Horn & Associates, Inc. should be notified immediately to perform a revised analysis. This analysis assumes all antenna mounts are adequate to support the existing and proposed loads. It is the carrier’s responsibility to ensure antenna mount meets the structural requirements of AASHTO and ANSI/TIA-222. Kimley-Horn & Associates, Inc. did not analyze antenna supporting mounts as part of this structural analysis report.

All services are performed, results obtained, and recommendation made in accordance with generally accepted engineering principles and practices. Kimley-Horn & Associates, Inc. is not responsible for the conclusions, opinions and recommendations made by others based on the information in this report.

Kimley-Horn makes no warranties, expressed or implied in connection with this report and disclaims any liability arising from original design, material, fabrication, and section deficiencies or corrosion of the tower.

APPENDIX A

tnxTower Output File


Section	1
Length (ft)	27.67
Number of Sides	1
Thickness (in)	0.1800
Top Dia (in)	6.4100
Bot Dia (in)	8.0300
Grade	Aluminum A6063-T6
Weight (K)	0.1
	0.0 ft

TYPE	ELEVATION	TYPE	ELEVATION
Luminaire	30.92	(3) Antenna/Radio	25.92
Luminaire	30.92	Street Sign	10 - 9
Luminaire Arm	29	Street Sign	9 - 8
Luminaire Arm	29	Street Sign	5.67 - 3.083

GRADE	Fy	Fu	GRADE	Fy	Fu
Aluminum A6063-T6	25 ksi	30 ksi			

1. Tower is located in San Mateo County, California.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 92 mph basic wind in accordance with the TIA-222-H Standard.
4. Deflections are based upon a 60 mph wind.
5. Tower Risk Category II.
6. Topographic Category 1 with Crest Height of 0.00 ft



 Consulting Engineers	Kimley-Horn 1234 W. Jones St. Smallville, PA 15534 Phone: (555) 555-1234 FAX: (555) 555-1235	Job: KHCLE-38592 Project: SANMATEO 195M1 Client: Crown Castle Code: TIA-222-H Date: 04/21/23 Path:	Drawn by: carson.vanderark App'd: Scale: NTS Dwg No. E-1

<i>tnxTower</i> <i>Kimley-Horn</i> 1234 W. Jones St. Smallville, PA 12345 Phone: (555) 555-1234 FAX: (555) 555-1235	Job	KHCLE-38592	Page	1 of 3
	Project	SANMATEO_195M1	Date	09:51:30 04/21/23
	Client	Crown Castle	Designed by	carson.vanderark

Tower Input Data

The tower is a monopole.

This tower is designed using the TIA-222-H standard.

The following design criteria apply:

Tower is located in San Mateo County, California.

Tower base elevation above sea level: 0.00 ft.

Basic wind speed of 92 mph.

Risk Category II.

Exposure Category C.

Simplified Topographic Factor Procedure for wind speed-up calculations is used.

Topographic Category: 1.

Crest Height: 0.00 ft.

Deflections calculated using a wind speed of 60 mph.

A non-linear (P-delta) analysis was used.

Pressures are calculated at each section.

Stress ratio used in pole design is 1.

Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	27.67-0.00	27.67		Round	6.4100	8.0300	0.1800		Aluminum A6063-T6 (25 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in ²	I in ⁴	r in	C in	I/C in ³	J in ⁴	It/Q in ²	w in	w/t
L1	6.4100	3.5230	17.1064	2.2036	3.2050	5.3374	34.2128	1.7604	0.0000	0
	8.0300	4.4391	34.2113	2.7761	4.0150	8.5209	68.4226	2.2182	0.0000	0

Tower Elevation	Gusset Area (per face)	Gusset Thickness	Gusset Grade	Adjust. Factor A _f	Adjust. Factor A _r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
ft	ft ²	in							
L1 27.67-0.00				1	1	1			

<i>tnxTower</i> <i>Kimley-Horn</i> 1234 W. Jones St. Smallville, PA 12345 Phone: (555) 555-1234 FAX: (555) 555-1235	Job	KHCLE-38592	Page	2 of 3
	Project	SANMATEO_195M1	Date	09:51:30 04/21/23
	Client	Crown Castle	Designed by	carson.vanderark

Discrete Tower Loads

<i>Description</i>	<i>Face or Leg</i>	<i>Offset Type</i>	<i>Offsets: Horz Lateral Vert ft ft ft</i>	<i>Azimuth Adjustment °</i>	<i>Placement ft</i>		<i>C_AA_A Front ft²</i>	<i>C_AA_A Side ft²</i>	<i>Weight K</i>
(3) Antenna/Radio Luminaire	A	None	7.00	0.0000	25.92	No Ice	1.00	0.75	0.04
	B	From Face	0.00	0.0000	30.92	No Ice	1.00	1.00	0.05
			0.00						
Luminaire Arm	B	From Face	3.25	0.0000	29.00	No Ice	1.50	3.58	0.09
			0.00						
Luminaire	D	From Face	7.00	0.0000	30.92	No Ice	1.00	1.00	0.05
			0.00						
Luminaire Arm	D	From Face	3.25	0.0000	29.00	No Ice	1.50	3.58	0.09
			0.00						
Street Sign	A	From Face	1.00	0.0000	10.00 - 9.00	No Ice	2.00	0.00	0.01
			0.00						
Street Sign	A	From Face	1.00	0.0000	9.00 - 8.00	No Ice	0.00	2.00	0.01
			0.00						
Street Sign	A	None	0.00	0.0000	5.67 - 3.08	No Ice	5.50	0.00	0.01

Load Combinations

<i>Comb. No.</i>	<i>Description</i>
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 45 deg - No Ice
5	0.9 Dead+1.0 Wind 45 deg - No Ice
6	1.2 Dead+1.0 Wind 90 deg - No Ice
7	0.9 Dead+1.0 Wind 90 deg - No Ice
8	Dead+Wind 0 deg - Service
9	Dead+Wind 45 deg - Service
10	Dead+Wind 90 deg - Service

<i>tnxTower</i> <i>Kimley-Horn</i> 1234 W. Jones St. Smallville, PA 12345 Phone: (555) 555-1234 FAX: (555) 555-1235	Job	KHCLE-38592	Page	3 of 3
	Project	SANMATEO_195M1	Date	09:51:30 04/21/23
	Client	Crown Castle	Designed by	carson.vanderark

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	2	0.67	0.00	0.61
	Max. H _x	3	0.50	0.00	0.61
	Max. H _z	2	0.67	0.00	0.61
	Max. M _x	2	10253.04	0.00	0.61
	Max. M _z	6	13107.66	-0.71	0.00
	Max. Torsion	2	50.56	0.00	0.61
	Min. Vert	7	0.50	-0.71	0.00
	Min. H _x	6	0.67	-0.71	0.00
	Min. H _z	6	0.67	-0.71	0.00
	Min. M _x	6	0.00	-0.71	0.00
	Min. M _z	2	-33.02	0.00	0.61
	Min. Torsion	1	0.00	-0.00	0.00

Tower Mast Reaction Summary

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x lb-ft	Overturning Moment, M _z lb-ft	Torque lb-ft
Dead Only	0.56	0.00	0.00	0.00	26.20	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	0.67	-0.00	-0.61	-10253.04	33.02	-50.56
0.9 Dead+1.0 Wind 0 deg - No Ice	0.50	-0.00	-0.61	-10099.74	24.43	-50.54
1.2 Dead+1.0 Wind 45 deg - No Ice	0.67	0.50	-0.43	-7247.77	-9261.84	-34.53
0.9 Dead+1.0 Wind 45 deg - No Ice	0.50	0.50	-0.43	-7139.57	-9125.19	-34.55
1.2 Dead+1.0 Wind 90 deg - No Ice	0.67	0.71	0.00	0.00	-13107.66	0.00
0.9 Dead+1.0 Wind 90 deg - No Ice	0.50	0.71	0.00	0.00	-12911.17	0.00
Dead+Wind 0 deg - Service	0.56	0.00	-0.27	-4339.64	27.40	-19.28
Dead+Wind 45 deg - Service	0.56	0.21	-0.19	-3068.46	-3810.55	-13.41
Dead+Wind 90 deg - Service	0.56	0.30	0.00	0.00	-5403.04	0.00

APPENDIX B

Aluminum Pole Analysis

Input

- Member Forces:

$M_u := 13.108 \cdot \text{kip} \cdot \text{ft}$ = factored flexural stress at base of pole (from TNX)

Cantilever := "Y" = Cantilevered pole? (Y/N)

☐ Moments Cb (Between Brace Points)

- Shaft Properties:

Sides := 0 = number of sides of shaft (0 for round)

$D_o := 8.03 \cdot \text{in}$ = diameter of shaft at grade

$t_{\text{shaft}} := 0.18 \cdot \text{in}$ = thickness of shaft at grade

$D_p := 2 \cdot \text{in}$ = diameter of unreinforced pole penetration at base

- Aluminum Properties (Table A.3.4):

$F_{tu} := 30 \cdot \text{ksi}$ = ultimate tensile strength

$F_{ty} := 25 \cdot \text{ksi}$ = tensile yield strength

$F_{cy} := 25 \cdot \text{ksi}$ = compressive yield strength

$F_{su} := 19 \cdot \text{ksi}$ = shear ultimate strength

$E := 10100 \cdot \text{ksi}$ = Modulus of Elasticity

$\phi_{f, tr} := 0.75$ = phi factor for tension rupture

$\phi_f := 0.90$ = phi factor for other limit states

OUTPUT:

$C_b := \begin{cases} 2.1 & \text{if Cantilever} = "Y" \\ \frac{12.5 \cdot M_u}{2.5 \cdot M_u + 3 \cdot M_A + 4 \cdot M_B + 3 \cdot M_C} & \text{otherwise} \end{cases}$	= bending coefficient C.b (F.1.1.1)	$C_b = 2.1$
$D_i := D_o - 2 \cdot t_{\text{shaft}} = 7.67 \cdot \text{in}$	= inside diameter	$D_i = 7.67 \cdot \text{in}$
$R_o := \frac{D_o}{2} = 4.015 \cdot \text{in}$	$R_b := R_o - 0.5 \cdot t_{\text{shaft}}$	= radius to mid-thickness $R_b = 3.925 \cdot \text{in}$
	$R_i := R_o - t_{\text{shaft}}$	= radius to inside wall $R_i = 3.835 \cdot \text{in}$
$I_x := \frac{\pi}{4} \cdot (R_o^4 - R_i^4)$	= moment without penetration	$I_x = 34.211 \cdot \text{in}^4$
$I_{xp} := \frac{D_p \cdot t_{\text{shaft}}^3}{12} + D_p \cdot t_{\text{shaft}} \cdot R_b^2 = 5.547 \cdot \text{in}^4$	= moment of penetration (assuming rect. at Rb from NA)	$I_{xp} = 5.547 \cdot \text{in}^4$
$S_x := \frac{I_x - I_{xp}}{R_o}$	= section modulus	$S_x = 7.139 \cdot \text{in}^3$
$M_{n.cy} := 1.17 \cdot F_{cy} \cdot S_x$	= nominal compressive yielding strength (F6.1)	$M_{n.cy} = 17.402 \cdot \text{kip} \cdot \text{ft}$
$M_{n.ty} := 1.17 \cdot F_{ty} \cdot S_x$	= nominal tensile yielding strength (F6.1)	$M_{n.ty} = 17.402 \cdot \text{kip} \cdot \text{ft}$
$k_t := 1.0$	= tension coefficient (A.3.1.3, Table A.3.3)	
$M_{n.tu} := 1.24 \cdot F_{tu} \cdot \frac{S_x}{k_t}$	= nominal tensile rupture strength (F6.1)	$M_{n.tu} = 22.132 \cdot \text{kip} \cdot \text{ft}$

OUTPUT (Buckling Constants - Table B.4.2):

$\kappa := 1.0 \cdot \text{ksi}$ = Table B.4.2, Note 1

$$B_{tb} := 1.5 \cdot F_{cy} \cdot \left[1 + \left(\frac{F_{cy}}{50000 \cdot \kappa} \right)^{\frac{1}{5}} \right] \quad B_{tb} = 45.7 \cdot \text{ksi}$$

$$B_t := F_{cy} \cdot \left[1 + \left(\frac{F_{cy}}{50000 \cdot \kappa} \right)^{\frac{1}{5}} \right] \quad B_t = 30.467 \cdot \text{ksi}$$

$$D_{tb} := \frac{B_{tb}}{2.7} \cdot \left(\frac{B_{tb}}{E} \right)^{\frac{1}{3}} \quad D_{tb} = 2.8 \cdot \text{ksi}$$

$$D_t := \frac{B_t}{4.5} \cdot \left(\frac{B_t}{E} \right)^{\frac{1}{3}} \quad D_t = 0.978 \cdot \text{ksi}$$

$$S_1 := \left(\frac{B_{tb} - B_t}{D_{tb} - D_t} \right)^2 = 69.958$$

$$\frac{R_b}{t_{\text{shaft}}} = 21.806$$



$S_2 := C_t$ = S.2 is arbitrarily large because N/A

$$F_b := \begin{cases} B_{tb} - D_{tb} \cdot \sqrt{\frac{R_b}{t_{\text{shaft}}}} & \text{if } \frac{R_b}{t_{\text{shaft}}} \leq S_1 \\ \frac{\pi^2 \cdot E}{16 \cdot \left(\frac{R_b}{t_{\text{shaft}}} \right) \cdot \left(1 + \sqrt{\frac{R_b}{t_{\text{shaft}}}} \right)^2} & \text{if } \frac{R_b}{t_{\text{shaft}}} \geq S_2 \\ B_t - D_t \cdot \sqrt{\frac{R_b}{t_{\text{shaft}}}} & \text{otherwise} \end{cases} \quad \text{= Section F6.2} \quad F_b = 32.627 \cdot \text{ksi}$$

$M_{n.lb} := F_b \cdot S_x$ = nominal local buckling strength (F6.2)

$$M_{n.lb} = 19.411 \cdot \text{kip} \cdot \text{ft}$$

$$\phi M_{n'} := \begin{pmatrix} \phi_f \cdot M_{n.cy} \\ \phi_f \cdot M_{n.ty} \\ \phi_{f.tr} \cdot M_{n.tu} \\ \phi_f \cdot M_{n.lb} \end{pmatrix} \quad \phi M_{n'} = \begin{pmatrix} 15.7 \\ 15.7 \\ 16.6 \\ 17.5 \end{pmatrix} \cdot \text{kip} \cdot \text{ft}$$

$$\phi M_n := \min(\phi M_{n'})$$

$$\phi M_n = 15.7 \cdot \text{kip} \cdot \text{ft}$$

$$r_f := \frac{M_u}{\phi M_n}$$

$$r_f = 83.7\%$$



ADM References - Flexure



COMPRESSION CALCS



ADM References - Compression (Does not Control)

APPENDIX C

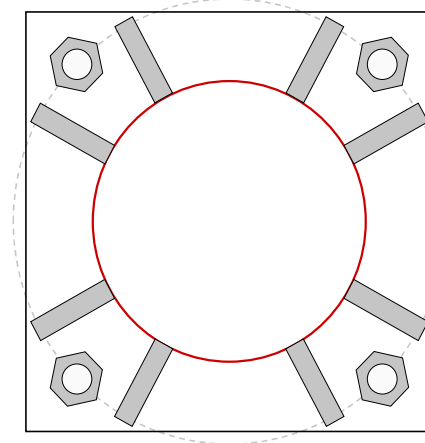
Base Plate and Anchor Rod Calculations

Monopole Base Plate Connection

Site Info	
BU #	
Site Name	SANMATEO_195M1
Order #	

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	Yes
I_{ar} (in)	0

Applied Loads	
Moment (kip-ft)	13.11
Axial Force (kips)	0.67
Shear Force (kips)	0.71



Connection Properties

Anchor Rod Data

(4) 7/8" ϕ bolts (A325 N; $F_y=92$ ksi, $F_u=120$ ksi) on 12.73" BC

Base Plate Data

12" W x 0.75" Plate (Aluminum A6063-T6; $F_y=25$ ksi, $F_u=30$ ksi); Clip: 0 in

Stiffener Data

(8) 2.5"H x 2.5"W x 0.6"T, Notch: 0"
plate: $F_y=25$ ksi ; weld: $F_y=70$ ksi
horiz. weld: 0.25" fillet
vert. weld: 0.25" fillet

Pole Data

8.03" x 0.18" round pole (Aluminum A6063-T6; $F_y=25$ ksi, $F_u=30$ ksi)

Analysis Results

Anchor Rod Summary

(units of kips, kip-in)

$P_u_c = 12.5$	$\phi P_n_c = 49.79$	Stress Rating
$V_u = 0.18$	$\phi V_n = 22.41$	25.1%
$M_u = n/a$	$\phi M_n = n/a$	Pass

Base Plate Summary

Max Stress (ksi):	15.81	(Roark's Flexural)
Allowable Stress (ksi):	22.5	
Stress Rating:	70.3%	Pass

Stiffener Summary

Horizontal Weld:	27.6%	Pass
Vertical Weld:	39.9%	Pass
Plate Flexure+Shear:	34.8%	Pass
Plate Tension+Shear:	22.4%	Pass
Plate Compression:	86.8%	Pass
Pole Summary		
Punching Shear:	68.4%	Pass