PROJECT NAME: SAN FRANCISCO BAY EXPANSION - 58 SITES
PROJECT ADDRESS: ACROSS FROM 425 BAHIA WAY, SAN RAFAEL, CA
PROJECT TYPE: CITY OF RAFAEL METAL STREETLIGHT
CUSTOMER NODE ID #: SF90XS3T4
CROWN NODE ID #: SFB003m1
HUB NAME: SF36XC052
COORDINATES: LAT: 37.963922  LONG: -122.499099
CROWN CASTLE BILLING / SCU #: 479640

PROJECT DESCRIPTION

This project will consist of adding a new canister antenna to the top of the pole. A side-mounted equipment chassis will also be installed to the existing pole. The equipment chassis will contain the following:

1. New radio unit
2. Fiber enclosure box
3. Electrical load center / distribution panel
4. Electrical power meter

HANDICAPPED REQUIREMENTS:

1. Handicapped access requirements are not required.

PLUMBING REQUIREMENTS:

1. Facility has no plumbing

POWER COMPANY:

1. Pacific Gas and Electric (PG&E)
FORM WITH TEMPLATE OR SAWCUT JOINTS.

Sawcut joints, if used, shall begin as soon as concrete is hardened sufficiently to permit sawing without excessive raveling and before uncontrolled cracking occurs. Max distance between joints = 10'; Min distance = 5'.

1/2" Premolded non-extruding expansion joint material to meet AASHO Spec. M-59.

*Expansion joints shall be installed when abutting existing concrete or fixed structures such as inlets and driveways, and every 300' on long concrete stretches.

Template

- Keyway formed by fastening metal key to form key joint
- 1" Groove joint
- 1 1/4" 2 1/4" 1/4" 3/4" 1/8" Radius

Fill with joint sealer

- Antenna mount
- Bracket attached to exist. light pole
- Concealment skirt
- Antenna radar center
- T.O. Pole
- Eq
- Eq
- Proposed antenna
- Coax cables
- Fiber
- Radio equipment
- Power conduit
- Misc. conduit / cables
- Access hole for fiber conduit - see structural drawings
- New fiber conduit from fiber vault
- Access hole for coax cables - see structural drawings
- Exist. concrete pole foundation
- Exist. concrete walk
- Metal mounting straps
- Power conduit
- Radio equipment
- Fiber
- Antenna
- Radome
- Skirt
- Total CuFt: 6.138

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Instructions for De-Energizing the Site:
1. Call Crown Castle Network operations center 1888-632-0931
2. Identify RF DISCONNECT BOX
3. Open RF DISCONNECT BOX
4. Open cover for RF Disconnect Breaker
5. Turn RF Disconnect Breaker to the off position to de-energize node
6. To confirm that the site has been de-energized, PG&E crew-technician can remove the single screw on the bottom right cover of the RF Disconnect Breaker and remove the cover to expose the source and load terminals on the switch and then check for no potential between the load terminal and ground to verify that no RF signal can be generated.
7. Notify Crown Castle Network operations center that work is complete

Diagram:
-Messenger Strand
- Radio Unit
- RF Disconnect Box
- Load Test Lug
- Red Screw
- Red Cover

Color Key:
- Red (Power)
- Green (Ground)
- Blue (AC Power)
- Black (Neutral)