

APPENDIX B

Site Data Worksheets

Appendix B – Site Data Worksheets
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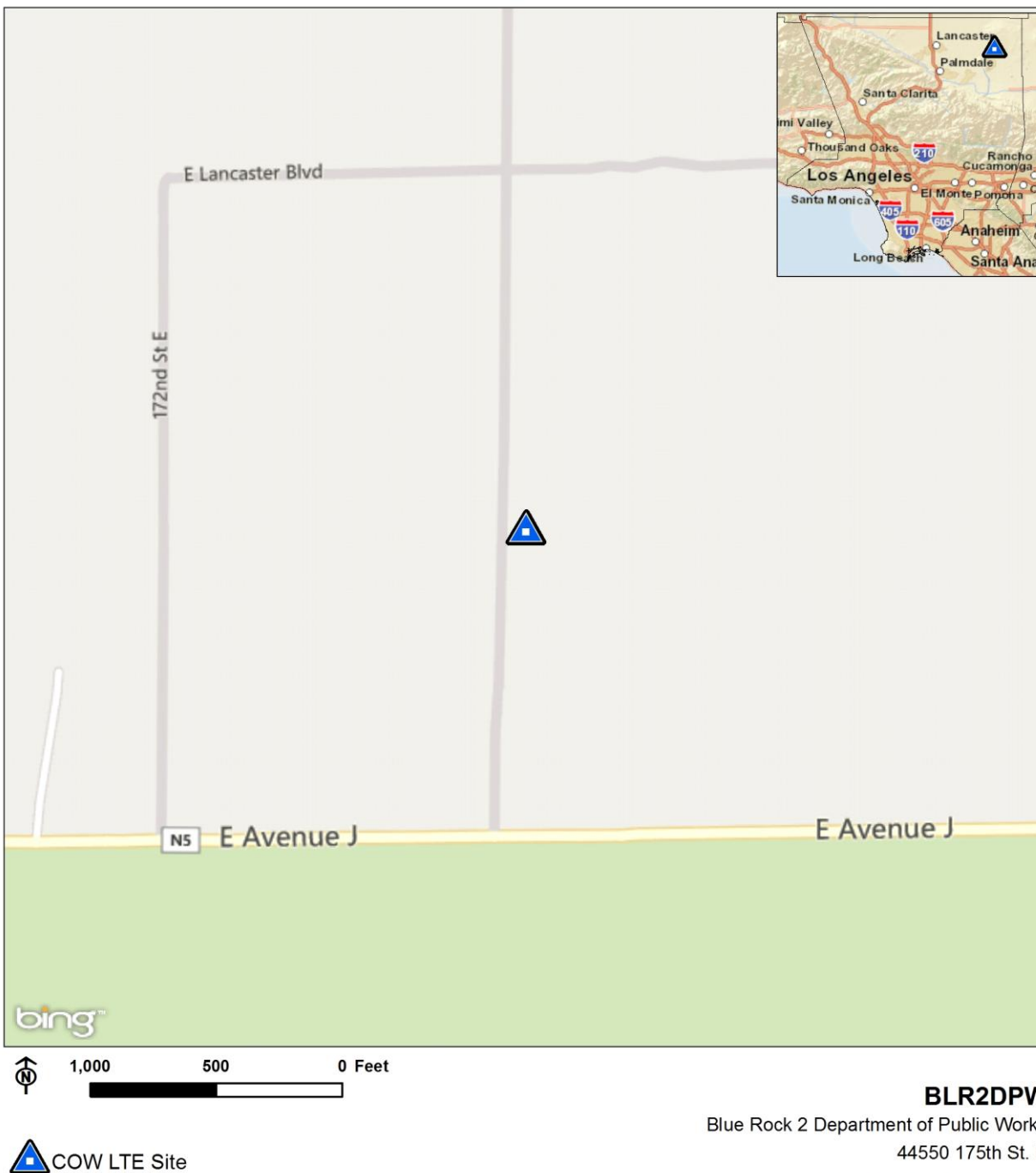
LA-RICS LTE System

Appendix B: Supplemental Environmental Assessment

Site ID: BLR2DPW

Facility Name: LA County DPW - Pump Station

Figure 1. Site Map



Proposed New Site Coordinates (NAD83):

Latitude: 34.69337

Longitude: -117.817936

Elevation (Feet): 2810

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels
Published May 2014
- COW LTE Site Boundary
- Proposed New COW Equipment
- Existing Power Pole
- Existing Structures and Equipment

BLR2DPW

Blue Rock 2 Department of Public Works
44550 175th St. E
Unincorporated, CA 93535

Proposed New Site Coordinates (NAD83):

Latitude: 34.69337
Longitude: -117.817936
Elevation (Feet): 2810

1.0 PROJECT DESCRIPTION

The Los Angeles County DPW - Pump Station (BLR2DPW) is a pump station owned and operated by the Los Angeles County Department of Public Works - Water Works. The site is located in a rural and undeveloped area approximately 4.25 miles north of the unincorporated City of Lake Los Angeles within Los Angeles County.

Development of Site BLR2DPW would consist of a deployable Cell On Wheels (COW) LTE facility. A COW includes a new telescoping monopole (which would not exceed 85 feet tall with appurtenances and attachments) and all LTE communications and auxiliary equipment and appurtenant equipment (e.g., emergency generator, fuel tank, equipment cabinets, etc.) to support operation of the deployable LTE facility.

The LTE site boundary (see Figure 2) represents the extent of real property available for parking the COW at LTE site. Construction activities at each COW site include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site. Once a COW trailer is placed in its final position on site, the wheels may be replaced with standards. COW sites would potentially include trenching for power, wall and fencing construction, and placement of grounding equipment. COW sites would require no creation of impervious surfaces, demolition, materials storage or staging or any substantial use of any other construction equipment. COW would be positioned only within the site boundaries.

This site currently includes a fenced area with LADPW pumping equipment inside. It is surrounded by vacant land on all sides.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: Telescoping Monopole located on COW trailer.

Proposed Tower Height: Up to 70 feet.

Maximum Facility Height: 85 feet

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: COW disturbance would include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site.

Power Requirements: Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel generator with integrated belly tank – attenuated to 65 decibel rating.

No Action Alternative: Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: None

Existing Tower Type: N/A

Onsite Ground Equipment: No

Existing Tower Height: N/A

Existing Generation: None

Existing Onsite Pad: No

Existing Backup Power: None

Site Collocated? No

FCC Registration: N/A #

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Pump Station

Other Existing Onsite Tall Structures: None

Existing Ground Elevation (FT AMSL): 2812

Type of Other Existing Tall Structures: N/A

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Open Space	Open Space	Open Space	Open Space

Dominant Vicinity Use: Open Space

Adjacent Residential Use: No

Description of Other Visible Towers:

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	
Angeles National Forest	No	
Santa Monica Mountains National Recreation Area	No	
National or California State Park	No	
Airport Influence Area	No	

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



Site viewed from the north



Surrounding area north of site

South



Site viewed from the south



Surrounding area south of site

East



Site viewed from the east



Surrounding area east of site

West



Site viewed from the west



Surrounding area west of site

3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: Los Angeles County Code of Ordinances, Chapter 12.08.44

Ambient Noise Setting: Rural

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** No

**Local Residential Exterior Noise
Exposure Limit:** 60

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: No Sensitive Receptors within 1,000 ft.

Sensitive Noise Receiver #1: None

Sensitive Noise Receiver #2: None

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations? No

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00 a.m. - 8:00 p.m.	7:00 a.m. - 8:00 p.m.	None	None

Construction Noise Exempt During Normal Construction Hours? No

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	None	None	None
Construction Vibration	None	None	None
Operation Noise	None	None	None

Discussion/Reference:

Noise and vibration from mobilization activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: Mojave Desert Air Basin

AirQuaMgmtDist: Antelope Valley Air Quality Management District

Nearest Monitoring Station: Lancaster-43301 Division Street

Within Local Conformity Plan:

Sensitive Receptor 1: None

Sensitive Receptor 2: None

Sensitive Receptor 3: None

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	Not Significant	None
Operation Emissions of Criteria Pollutants	Not Significant	Not Significant	None
CEQ's GHG Annual Emission Threshold	Not Significant	Not Significant	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: Hi Vista (76)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Mojave Desert

Surface Geological Formation: Mesozoic granite, quartz monzonite, granodiorite, and quartz diorite

USDA Soil Classification: Rock outcrop-Hi Vista-Calvista-Cajon

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not Significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. The mobile unit will not require a foundation and a geotechnical report will not be necessary.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Lahontan RWQCB

Hydrologic Sub-Basin or Watershed: Antelope-Fremont Valleys

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? No

If yes, please explain: N/A

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: Antelope Valley

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	None	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Limited ground disturbance may be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Joshua Tree Woodland/Creosote Bush Scrub

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan:** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? No

If yes, please explain: N/A

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: Yes

If yes, please explain: California condor could forage in the area. Desert tortoise could occur in the area. No burrows were observed within the 500' habitat assessment survey but tortoises could utilize the nearby boulder piles as burrow replacements. No sign of desert tortoise was observed.

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	Not Significant	Not Significant	Not Significant
Invasive Plant Species	Not Significant	Not Significant	Not Significant
Common Native Wildlife	None	None	None

Discussion/Reference:

The proposed work would be conducted in disturbed creosote bush scrub habitat. Implementation of BIO CMR's 13 and 14 would preclude impacts to desert tortoise and Mohave ground squirrel, Implementation of BIO CMR's 6-12 to check open trenches, weed surveys and abatement, preconstruction survey, and nesting bird surveys will mitigate for other issues

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	Not Significant	Not Significant	Not Significant
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	Not Significant	Not Significant	Not Significant
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	None	None	None
California Endangered Species Act (CESA)	Not Significant	Not Significant	Not Significant
California Native Plant Protection Act (NPPA)	None	None	None

Discussion/Reference:

California condor and eagles could potentially forage at the site, which also has some potential to support Mojave desert tortoise and Mohave ground squirrel. However, the low diversity of shrubby vegetation in the area, almost exclusively creosote bush, does not provide a food source for either species. Both species would be limited to utilizing annuals as the only food source this would reduce the likelihood of encountering either species. The site is surrounded by potential desert tortoise and Mohave ground squirrel habitat. The proposed concrete masonry block wall would prevent desert tortoise from entering the work area. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO CMR's 1, 6, 7, 8, 9, 10, 11, 12, 13, 14 and 18 will preclude impacts to special status wildlife and plant species.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

No sensitive habitats have been identified near this project site.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: No

If yes, identify the historic property: N/A

Area having high sensitivity for paleontological resources: No

If yes, the Paleontological Site: N/A

Geological formation with a high potential for vertebrate paleontological resources: No

If yes, type of geological formation: N/A

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	None	None
Native American Resources	None	None	None
Paleontological Resources	None	None	None

Discussion/Reference:

A records search and field work have been conducted for this site and no historic properties were identified in the direct or indirect APE. There is low potential for surface and no potential for subsurface paleontological resources. Fossils have not been found nearby.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site BLR2DPW is a small unpaved fenced area, located within a flat, largely undeveloped desert location. No buildings are present at the site.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

Site BLR2DPW is located within a large expanse of undeveloped desert land. A small Los Angeles County Public Works facility is located approximately 0.2 mile southwest of the site, which includes a large unpaved fenced area, a small building, a paved lot, and materials storage behind. The facility perimeter includes a moderate amount of ornamental vegetation, including many medium to large trees. Other vegetation present consists of scattered native desert vegetation. No other development is present in the vicinity.

Visual Character Classification (based on site location): Rural

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

No impacts to visual resources have been identified

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: Los Angeles County

General Plan Designation: Non Urban 1

Zoning: Light Agriculture

Comprehensive Plan or
General Plan Local Agency: Los Angeles County

Los Angeles County
Community or Area Plan: Antelope Valley Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: State Route 138

Distance (Miles): 12.8

Nearest Arterial: East Avenue J

Distance (Miles): 0.2

Access to the Project Site Provided Via: 175th Street

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: Waste Management

Water Service

Site Served by or has Available Access to Domestic Water System: LA County Waterworks District 40-35

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not Significant	None	Not Significant
Solid Waste (construction)	Not Significant	None	Not Significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	None	None	None
Water Supply (operation)	None	None	None
Traffic (construction)	Not Significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not Significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	88.7%	2.4%	0.0%	1.3%	7.6%	11.3%
County Jurisdiction	53.3%	8.4%	0.5%	14.2%	23.5%	47.9%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? No

If yes, please explain: N/A

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	\$33,750	\$49,497	\$55,909
Families Below Poverty	30.0%	22.0%	17.8%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? Yes

If yes, please explain: The percentage of families below poverty level is more than 10% greater than the poverty level in Los Angeles County.

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? No

If yes, please explain: N/A

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? No

If yes, please explain: N/A

Site located within 1,000 feet of a landfill? No

If yes, please explain: N/A

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? No

If yes, please explain: N/A

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	None	None	None
Methane Hazard	None	None	None
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

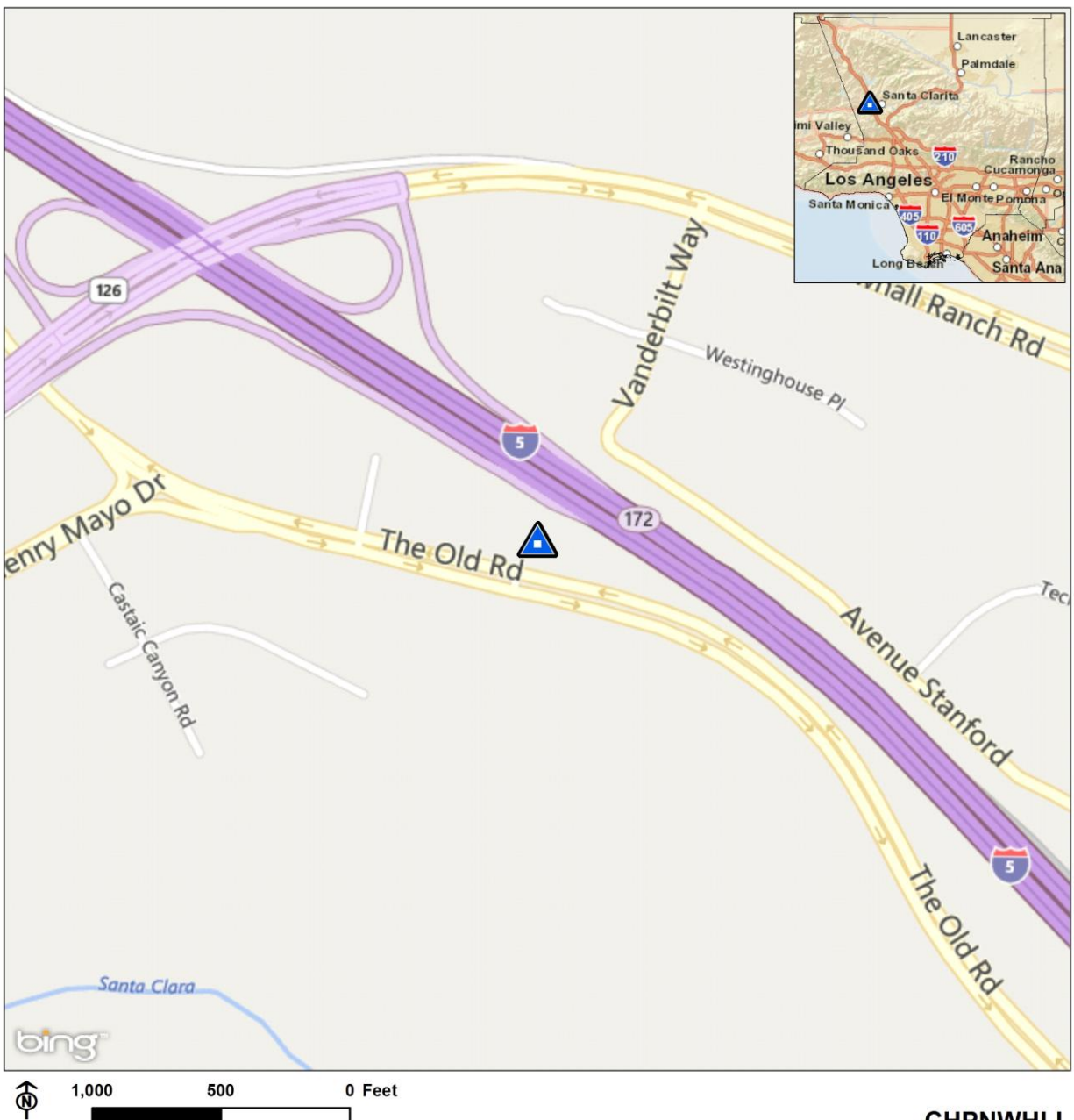
All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

LA-RICS LTE System Appendix B: Supplemental Environmental Assessment

Site ID: CHPNWHLL

Facility Name: CHP Newhall

Figure 1. Site Map



 COW LTE Site

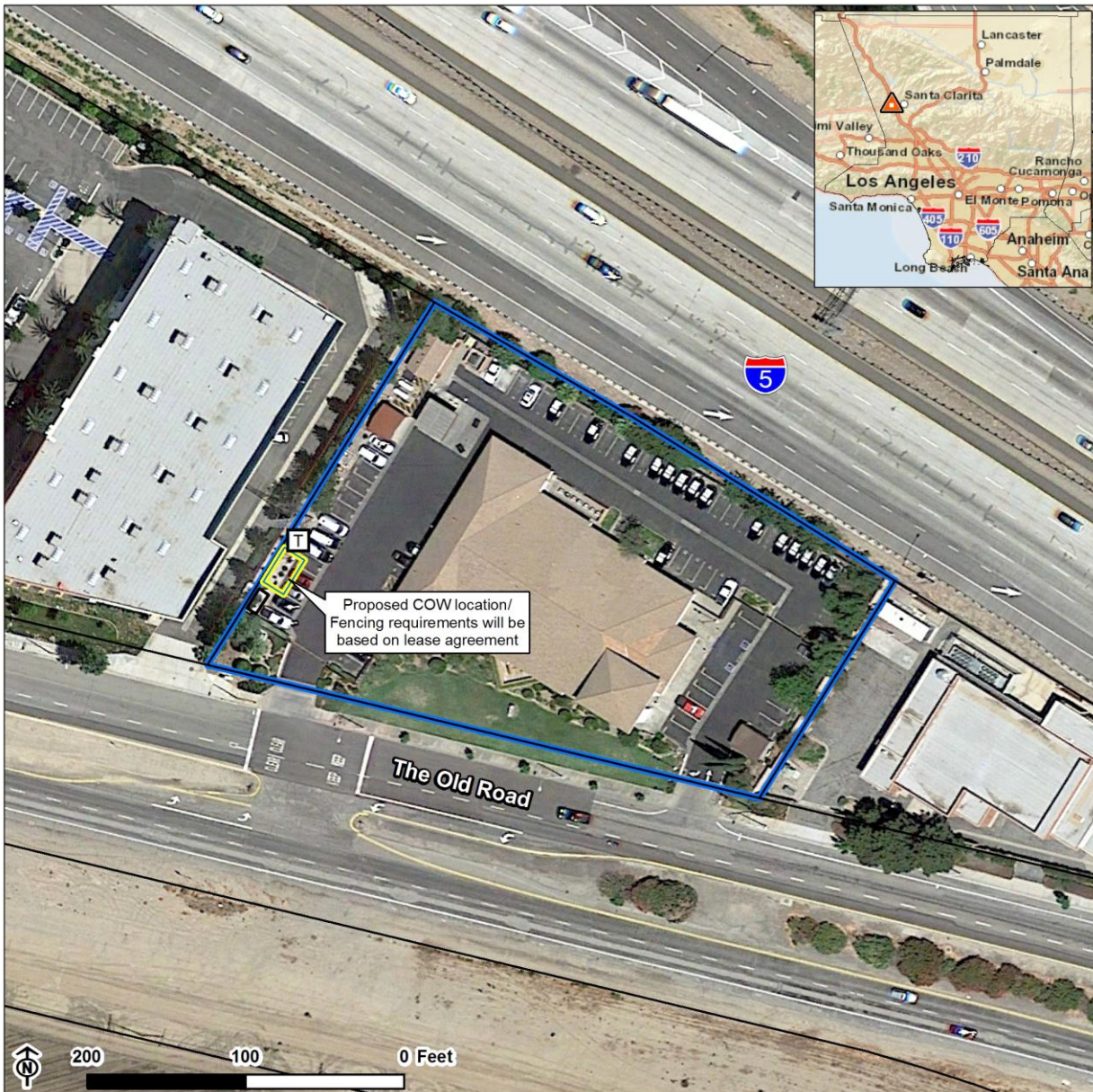
CHPNWHLL

California Highway Patrol - Newhall Area Station
28648 The Old Road
Valencia (Area), CA 91355

Proposed New Site Coordinates (NAD83):

Latitude: 34.440208
Longitude: -118.60112
Elevation (Feet): 1022

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels
Published May 2014
- COW LTE Site Boundary
- Proposed New COW Equipment
- Existing Antenna Tower
- Existing Structures and Equipment

CHPNWHLL

California Highway Patrol - Newhall Area Station

The Old Road

Valencia, CA 91355

Proposed New Site Coordinates (NAD83):

Latitude: 34.440208

Longitude: -118.60112

Elevation (Feet): 1022

1.0 PROJECT DESCRIPTION

The California Highway Patrol (CHP) Newhall (CHPNWHLL) is the Newhall office in the southern CHP division. The facility operated by the California Highway Patrol. The site is located in unincorporated Los Angeles County.

Development of Site CHPNWHLL would consist of a deployable Cell On Wheels (COW) LTE facility. A COW includes a new telescoping monopole (which would not exceed 85 feet tall with appurtenances and attachments) and all LTE communications and auxiliary equipment and appurtenant equipment (e.g., emergency generator, fuel tank, equipment cabinets, etc.) to support operation of the deployable LTE facility.

The LTE site boundary (see Figure 2) represents the extent of real property available for parking the COW at LTE site. Construction activities at each COW site include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site. Once a COW trailer is placed in its final position on site, the wheels may be replaced with standards. COW sites would potentially include trenching for power, wall and fencing construction, and placement of grounding equipment. COW sites would require no creation of impervious surfaces, demolition, materials storage or staging or any substantial use of any other construction equipment. COW would be positioned only within the site boundaries.

This site is located in a business park/commercial setting on the urban fringe at the I-5/SR-126 Interchange. The site is adjacent to the I-5 Freeway to the North and vacant land to South/Southwest.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: Telescoping Monopole located on COW trailer.

Proposed Tower Height: Up to 70 feet.

Maximum Facility Height: 85 feet

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: COW disturbance would include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site.

Power Requirements: Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel generator with integrated belly tank – attenuated to 65 decibel rating.

No Action Alternative: Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: Lattice Tower

Existing Tower Type: Lattice Tower

Onsite Ground Equipment: N/A

Existing Tower Height: 170

Existing Generation: Unknown

Existing Onsite Pad: yes

Existing Backup Power: Unknown

Site Collocated? No

FCC Registration: #

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: California Highway Patrol Office

Other Existing Onsite Tall Structures: No

Existing Ground Elevation (FT AMSL): 1029

Type of Other Existing Tall Structures: N/A

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Transportation Mixed Commercial	Transportation Agricultural	Commercial	Commercial

Dominant Vicinity Use: Commercial

Adjacent Residential Use: No

Description of Other Visible Towers: N/A

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	
Angeles National Forest	No	
Santa Monica Mountains National Recreation Area	No	
National or California State Park	No	
Airport Influence Area	No	

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



Site viewed from the north



Surrounding area north of site

South



Site viewed from the south



Surrounding area south of site

East



Site viewed from the east



Surrounding area east of site

West



Site viewed from the west



Surrounding area west of site

3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: Los Angeles County Code of Ordinances, Chapter 12.08.44

Ambient Noise Setting: Urban Fringe

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** No

**Local Residential Exterior Noise
Exposure Limit:** 60

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: Church - 1,050 feet

Sensitive Noise Receiver #1: None

Sensitive Noise Receiver #2: None

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations? No

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00 a.m. - 8:00 p.m.	7:00 a.m. - 8:00 p.m.	None	None

Construction Noise Exempt During Normal Construction Hours? No

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	None	None	None
Construction Vibration	None	None	None
Operation Noise	None	None	None

Discussion/Reference:

Noise and vibration from mobilization activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: Santa Clarita

Within Local Conformity Plan:

Sensitive Receptor 1: Church - 1,050 feet

Sensitive Receptor 2: None

Sensitive Receptor 3: None

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	Not Significant	None
Operation Emissions of Criteria Pollutants	Not Significant	Not Significant	None
CEQ's GHG Annual Emission Threshold	Not Significant	Not Significant	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: Newhall (70)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Transverse Ranges

Surface Geological Formation: Quaternary alluvium and marine deposits

USDA Soil Classification: Xerofluvents-Salinas-Pico-Mocho-Metz-Anacapa

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not Significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. The mobile unit will not require a foundation and a geotechnical report will not be necessary.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: Santa Clara

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? No

If yes, please explain: N/A

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: Santa Clara River Valley

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	None	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Limited ground disturbance ,may be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Urban or Built-up/Ornamental

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** Yes

If yes, please explain: Critical habitat
for least Bell's
vireo is across
The Old Road
from the site.

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? No

If yes, please explain: N/A

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: Yes

If yes, please explain: Critical habitat for least Bell's vireo is across The Old Road from the site. Primary
constituent elements are not present within 500 feet of site

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: Yes

If yes, please explain: Potential for occurrence of foraging California condors, least Bell's vireo, and arroyo toad.

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	None	None	None
Common Native Wildlife	None	None	None

Discussion/Reference:

The proposed action would occur on previously disturbed areas mapped as urban or built-up land/ornamental vegetation type. Weed management practices would be undertaken over the long-term. Implementation of BIO CMR's 10 and 11 would preclude impacts from weeds.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	Not Significant	Not Significant	Not Significant
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	Not Significant	Not Significant	Not Significant
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	Not Significant	Not Significant	Not Significant
California Endangered Species Act (CESA)	Not Significant	Not Significant	Not Significant
California Native Plant Protection Act (NPPA)	None	None	None

Discussion/Reference:

Only minor impacts to special status species are anticipated. The biological assessment made a determination of may affect, not likely to adversely affect for arroyo toad, and a no effect determination for California condor and least Bell's vireo. Golden eagles and American peregrine falcon could forage at the site. Construction noise and other construction activities could impact sensitive bird species nesting in the drainage. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO CMR 1, 6, 8, 9, 15, and 18 would preclude impacts to special-status species. Minor impacts to foraging eagles would be offset by implementation of BIO CMR 2.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

The project is located within 1-mile of the Santa Clara River. The 1000' diameter survey area contains mostly bladed ruderal vegetation (farmland planted in tomatoes) with a small amount of arroyo willow riparian forest at the southern end. The river at this location is dry much of the year and does not contain permanent pools with fish. The potential construction work area will not directly or indirectly impact the Santa Clara River fish species, Southern Cottonwood-Willow Riparian Forest or wash benches that could contain habitat for San Fernando Valley

or slender-horned spineflower. The riparian forest within the survey area is primarily arroyo willow which is habitat for least Bell's vireo. Implementation of BIO CMR 1, 6, 7, 8, 9, and 10 will preclude wildlife issues, BIO CMR 10 and 11 will preclude weed issues and BIO CMR 17 and 18 will preclude wetland erosion/runoff issues.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: No

If yes, identify the historic property: N/A

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: Yes. There is low potential for surface paleontological resources, but moderate/unknown potential for subsurface paleontological resources. The site is mapped as Quaternary Alluvium.

Geological formation with a high potential for vertebrate paleontological resources: Yes

If yes, type of geological formation: The site is mapped as Quaternary Alluvium. Fossils have been found nearby.

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	None	None
Native American Resources	None	None	None
Paleontological Resources	Not Significant	Not Significant	None

Discussion/Reference:

CRM CMR 5 is in effect at this site. A records search and field work have been conducted for this site and no historic properties were identified in the direct or indirect APE. There is sensitivity for subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site CHPNWHLL is developed with a single-story building, built in a contemporary style, that contains a highway patrol station. The majority of the site is paved and flat. A tall lattice antenna structure is present at the north end of the site. The perimeter of the site includes small grassy areas, and several tall ornamental trees, along with smaller trees and bushes. The site also includes several small sheds or outbuildings. No building on the site is taller than one story.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

The area surrounding Site CHPNWHLL is urban and developed with single- and two-story commercial buildings. Much of the vicinity is paved for either parking areas or roads. The site is located between Interstate 5 and the Old Road. No advantageous viewsheds are located in proximity to the LTE site. The surrounding foliage, consisting of assorted trees and bushes, is minimal. A large undeveloped field is located south of the site on the other side of the Old Road. None of the buildings located in the immediate vicinity of the LTE site exceed two stories. Buildings in the vicinity of the site appear to be in good condition.

Visual Character Classification (based on site location): Urban

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No, see below

If yes, please explain: Interstate 5 in this area is eligible as a designated scenic highway

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No, see below

If yes, please explain: Interstate 5 in this area is eligible as a designated scenic highway

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

No impacts to aesthetics and visual resources have been identified

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: Los Angeles County

General Plan Designation: Regional Commercial

Zoning: Commercial Manufacturing

Comprehensive Plan or
General Plan Local Agency: Los Angeles County

Los Angeles County
Community or Area Plan: Santa Clarita Valley Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: Interstate 5

Distance (Miles): 0

Nearest Arterial: The Old Road

Distance (Miles): 0

Access to the Project Site Provided Via: The Old Road

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: Santa Clarita Valley Sanitation District

Water Service

Site Served by or has Available Access to Domestic Water System: Valencia Water Company

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not Significant	None	Not Significant
Solid Waste (construction)	Not Significant	None	Not Significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	None	None	None
Water Supply (operation)	None	None	None
Traffic (construction)	Not Significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not Significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	52.4%	11.2%	1.6%	14.2%	21.4%	47.6%
County Jurisdiction	53.3%	8.4%	0.5%	14.2%	23.5%	47.9%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? No

If yes, please explain: N/A

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	\$108,688	\$49,497	\$55,909
Families Below Poverty	4.0%	22.0%	17.8%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? Yes

If yes, please explain: 2 permitted UST sites, 2 closed Cleanup Program sites

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? No

If yes, please explain: N/A

Site located within 1,000 feet of a landfill? No

If yes, please explain: N/A

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? Yes

If yes, please explain: LTE site is located within the "Very High" local fire hazard zone

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	None	None	None
Methane Hazard	None	None	None
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

The identified permitted UST sites and the closed cleanup site are located outside of the designated polygon for the site. The locations of the permitted USTs are known and will not be encountered. Any potentially residual impacted soil or groundwater will not be encountered during planned ground disturbing activities. Planned ground disturbing activities include shallow excavation for trenching that will not encounter groundwater and there is no indication that potentially impacted soil from the 2 closed cleanup sites extends to within the planned project boundary.

The site is located in a high fire hazard severity zone, and governed under the approved LA-RICS fire management plan.

All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

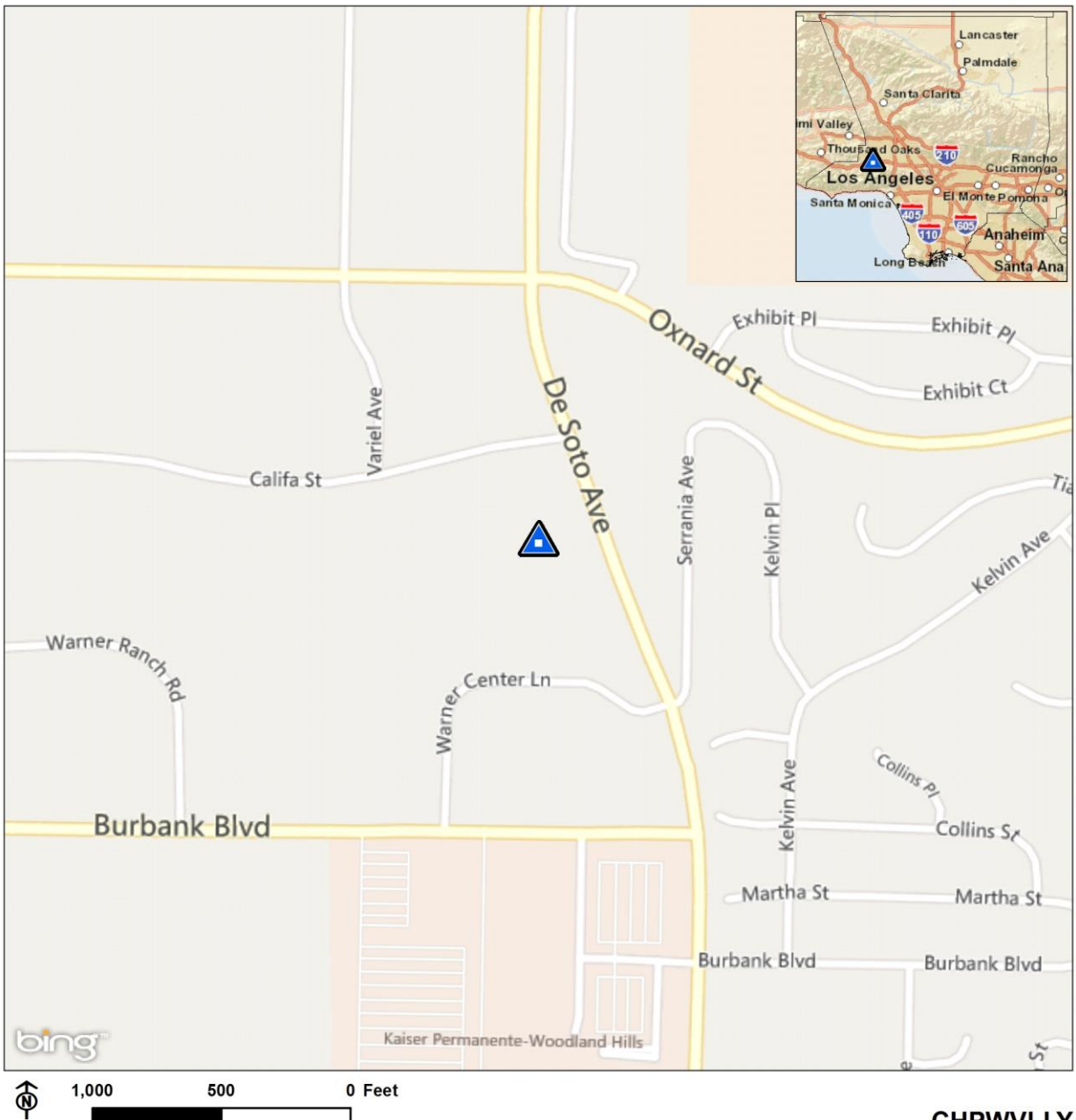
LA-RICS LTE System

Appendix B: Supplemental Environmental Assessment

Site ID: CHPWVLLY

Facility Name: CHP Woodland Hills

Figure 1. Site Map



 COW LTE Site

CHPWVLLY

California Highway Patrol - West Valley Station

5825 De Soto Ave.

Los Angeles, CA 91367

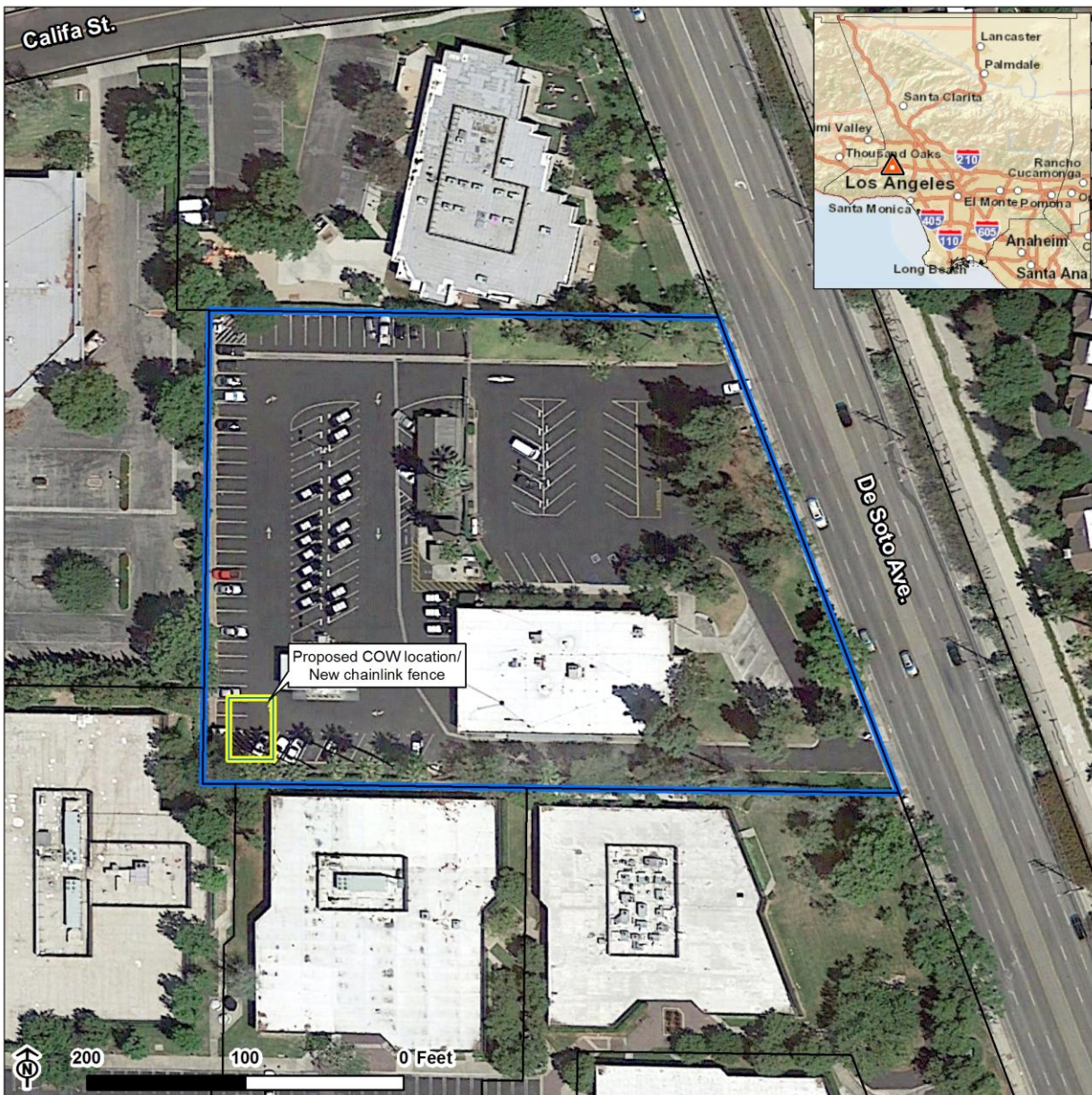
Proposed New Site Coordinates (NAD83):




Latitude: 34.176469

Longitude: -118.590247

Elevation (Feet): 841

Figure 2. Satellite Map and Site Equipment Plan



-  Los Angeles Assessor Parcels
Published May 2014
-  COW LTE Site Boundary
-  Proposed New COW Equipment

CHPWVLLY
 California Highway Patrol - West Valley Station
 5825 De Soto Ave.
 Los Angeles, CA 91367

Proposed New Site Coordinates (NAD83):

Latitude: 34.176469
 Longitude: -118.590247
 Elevation (Feet): 841

1.0 PROJECT DESCRIPTION

The California Highway Patrol (CHP) Woodland Hills (CHPWVLLY) is the West Valley office in the southern CHP division. The facility operated by the California Highway Patrol. The site is located in unincorporated Los Angeles County.

Development of Site CHPWVLLY would consist of a deployable Cell On Wheels (COW) LTE facility. A COW includes a new telescoping monopole (which would not exceed 85 feet tall with appurtenances and attachments) and all LTE communications and auxiliary equipment and appurtenant equipment (e.g., emergency generator, fuel tank, equipment cabinets, etc.) to support operation of the deployable LTE facility.

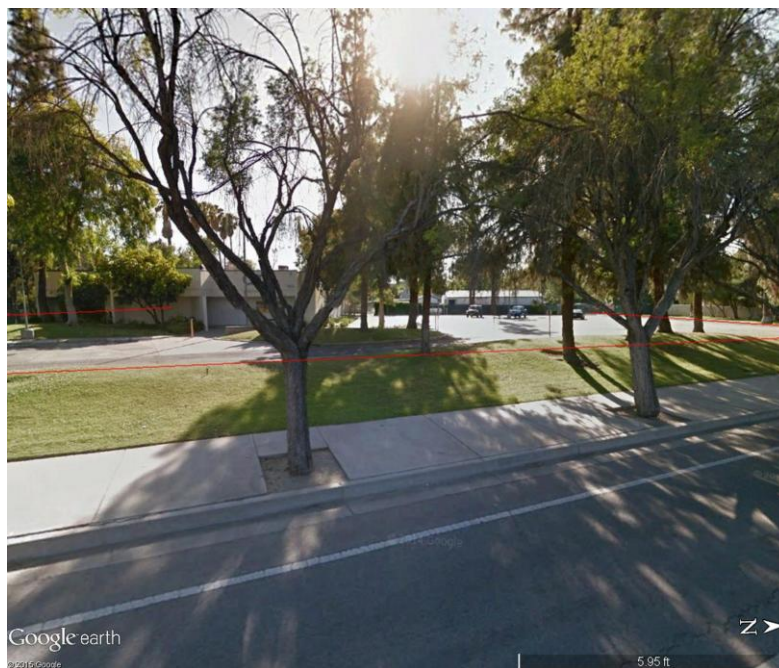
The LTE site boundary (see Figure 2) represents the extent of real property available for parking the COW at LTE site. Construction activities at each COW site include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site. Once a COW trailer is placed in its final position on site, the wheels may be replaced with standards. COW sites would potentially include trenching for power, wall and fencing construction, and placement of grounding equipment. COW sites would require no creation of impervious surfaces, demolition, materials storage or staging or any substantial use of any other construction equipment. COW would be positioned only within the site boundaries.

This site is located in a business park/commercial setting. Multi- and Single-family residences are located to the East of the site. The site is located off of De Soto Ave, approximately 3,000-feet north of the 101 Freeway.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: Telescoping Monopole located on COW trailer.

Proposed Tower Height: Up to 70 feet.

Maximum Facility Height: 85 feet

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: COW disturbance would include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site.

Power Requirements: Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel generator with integrated belly tank – attenuated to 65 decibel rating.

No Action Alternative: Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: Antenna

Existing Tower Type: N/A

Onsite Ground Equipment: No

Existing Tower Height: N/A

Existing Generation: No

Existing Onsite Pad: N/A

Existing Backup Power: Unknown

Site Collocated? No

FCC Registration: #

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Public facility - California Highway Patrol

Other Existing Onsite Tall Structures: None

Existing Ground Elevation (FT AMSL): 840

Type of Other Existing Tall Structures: N/A

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Commercial	Commercial	Multi-Family Residential Single Family Residential	Commercial

Dominant Vicinity Use: Commercial

Adjacent Residential Use: Yes

Description of Other Visible Towers: N/A

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	
Angeles National Forest	No	
Santa Monica Mountains National Recreation Area	No	
National or California State Park	No	
Airport Influence Area	No	

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



Site viewed from the north



Surrounding area north of site

South



Site viewed from the south



Surrounding area south of site

East



Site viewed from the east

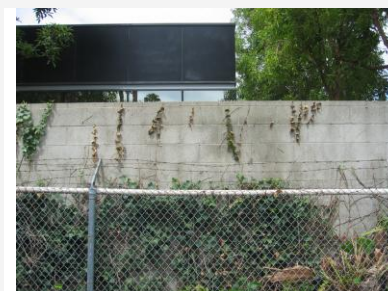


Surrounding area east of site

West



Site viewed from the west



Surrounding area west of site

3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: City of Los Angeles Municipal Code, Chapter XI: Noise Regulation and Chapter IV: Public Welfare, Section 41.40, Noise Due to Construction

Ambient Noise Setting: Urban

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** Yes

**Local Residential Exterior Noise
Exposure Limit:** 50

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: Multi-Family Resident - 450 feet

Sensitive Noise Receiver #1: Single-Family Resident - 550 Feet

Sensitive Noise Receiver #2: School- 680 feet

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations?

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00 a.m.-9:00 p.m.	8:00 a.m.-6:00 p.m.	None	8:00 a.m.-6:00 p.m.

Construction Noise Exempt During Normal Construction Hours? No

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	None	None	None
Construction Vibration	None	None	None
Operation Noise	None	None	None

Discussion/Reference:

Noise and vibration from mobilization activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: Reseda

Within Local Conformity Plan:

Sensitive Receptor 1: Multi-Family Resident

Sensitive Receptor 2: Single Family Resident

Sensitive Receptor 3: School

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	Not Significant	None
Operation Emissions of Criteria Pollutants	Not Significant	Not Significant	None
CEQ's GHG Annual Emission Threshold	Not Significant	Not Significant	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: Canoga Park (80)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Transverse Ranges

Surface Geological Formation: Quaternary alluvium and marine deposits

USDA Soil Classification: Urban land-Sorrento-Hanford

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not Significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. The mobile unit will not require a foundation and a geotechnical report will not be necessary.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: Los Angeles

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? No

If yes, please explain: N/A

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: San Fernando Valley

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	None	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Limited ground disturbance may be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Urban or Built-up/Ornamental

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan:** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? No

If yes, please explain: N/A

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: No

If yes, please explain: N/A

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	None	None	None
Common Native Wildlife	None	None	None

Discussion/Reference:

The proposed action would occur on previously disturbed areas mapped as urban or built-up/ornamental vegetation type. Weed management practices would be undertaken if necessary over the long term. Implementation of BIO CMR's 10 and 11 would preclude impacts from weeds. Implementation of BIO CMR 1 would preclude impacts on common avian species.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	None	None	None
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	None	None	None
Migratory Bird Treaty Act (MBTA)	None	None	None
California Fully Protected (CFP)	None	None	None
California Endangered Species Act (CESA)	None	None	None
California Native Plant Protection Act (NPPA)	None	None	None

Discussion/Reference:

No sensitive species would be affected, the project is located in a completely urbanized area and does not include native vegetation or habitat for sensitive species. The area is flat and does not contain wetlands. The local topography has been modified due to development and all the drainages are controlled by man-made structures. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO CMR 1 would preclude impacts to sensitive nesting bird species.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

No sensitive or critical habitat would be impacted by this project. Implementation of BIO CMR 17 and 18 would preclude impacts to wetlands from on-site runoff.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site: No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: No

If yes, identify the historic property: N/A

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: Yes. There is low potential for surface paleontological resources, but moderate/unknown potential for subsurface paleontological resources. The site is mapped as Quaternary Alluvium.

Geological formation with a high potential for vertebrate paleontological resources: Yes

If yes, type of geological formation: The site is mapped as Quaternary Alluvium. Fossils have been found nearby.

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	None	None
Native American Resources	None	None	None
Paleontological Resources	Not Significant	Not Significant	None

Discussion/Reference:

CRM CMR 5 is in effect at this site. A records search and field work have been conducted for this site and no historic properties were identified in the direct or indirect APE. There is sensitivity for subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site CHPWVLLY is developed with several single-story buildings, built in a modern style, that contain the facilities for a highway patrol station. The majority of the site is paved and flat. The perimeter of the site includes small grassy areas, and many tall ornamental trees, including several large ornamental trees on the front of the site. No building on the site is taller than one story.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

The area surrounding Site CHPWVLLY is urban and developed with single-story commercial buildings that are part of a commercial park on the north, west, and south sides. Across De Soto Avenue to the east are single- and two-story residences. No advantageous viewsheds are located in proximity to the LTE site. The surrounding foliage, consisting of assorted trees and bushes, is moderately dense. A double-circuit sub-transmission line, with double-circuit distribution lines underbuilt is located on the east side of De Soto Avenue, across the street from the site. None of the buildings located in the immediate vicinity of the LTE site exceed two stories. Buildings in the vicinity of the site appear to be in good condition.

Visual Character Classification (based on site location): Urban

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

No impacts to aesthetics and visual resources have been identified

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: City of Los Angeles

General Plan Designation: Regional Center Commercial

Zoning: Warner Center Specific Plan Zone

Comprehensive Plan or
General Plan Local Agency: City of Los Angeles

Los Angeles County
Community or Area Plan: San Fernando Valley Planning Area

City of Los Angeles
Community or Area Plan: Canoga Park - Winnetka - Woodland Hills - West Hills

Other Special District, Area or
Specific Plan: Warner Center Specific Plan

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: U.S. Highway 101

Distance (Miles): 0.6

Nearest Arterial: De Soto Avenue

Distance (Miles): 0

Access to the Project Site Provided Via: De Soto Avenue

Electrical

Electricity Service Provider: Los Angeles Department of Water and Power

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: City of Los Angeles Bureau of Sanitation

Water Service

Site Served by or has Available Access to Domestic Water System: City of Los Angeles

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not Significant	None	Not Significant
Solid Waste (construction)	Not Significant	None	Not Significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	None	None	None
Water Supply (operation)	None	None	None
Traffic (construction)	Not Significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not Significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	65.8%	6.3%	1.0%	12.1%	15.1%	34.2%
County Jurisdiction	53.3%	8.4%	0.5%	14.2%	23.5%	47.9%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? No

If yes, please explain: N/A

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	\$67,843	\$49,497	\$55,909
Families Below Poverty	6.8%	22.0%	17.8%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? Yes

If yes, please explain: 1 permitted UST site, 4 closed Cleanup Program sites

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? No

If yes, please explain: N/A

Site located within 1,000 feet of a landfill? No

If yes, please explain: N/A

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? No

If yes, please explain: N/A

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	None	None	None
Methane Hazard	None	None	None
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

The identified permitted UST site and the closed cleanup site are located outside of the designated polygon for the site. The location of the permitted USTs are known and will not be encountered. Any potentially residual impacted soil or groundwater will not be encountered during planned ground disturbing activities. Planned ground disturbing activities include shallow excavation for trenching that will not encounter groundwater and there is no indication that potentially residual impacted soil from the 4 closed cleanup sites extends to within the planned project boundary.

All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

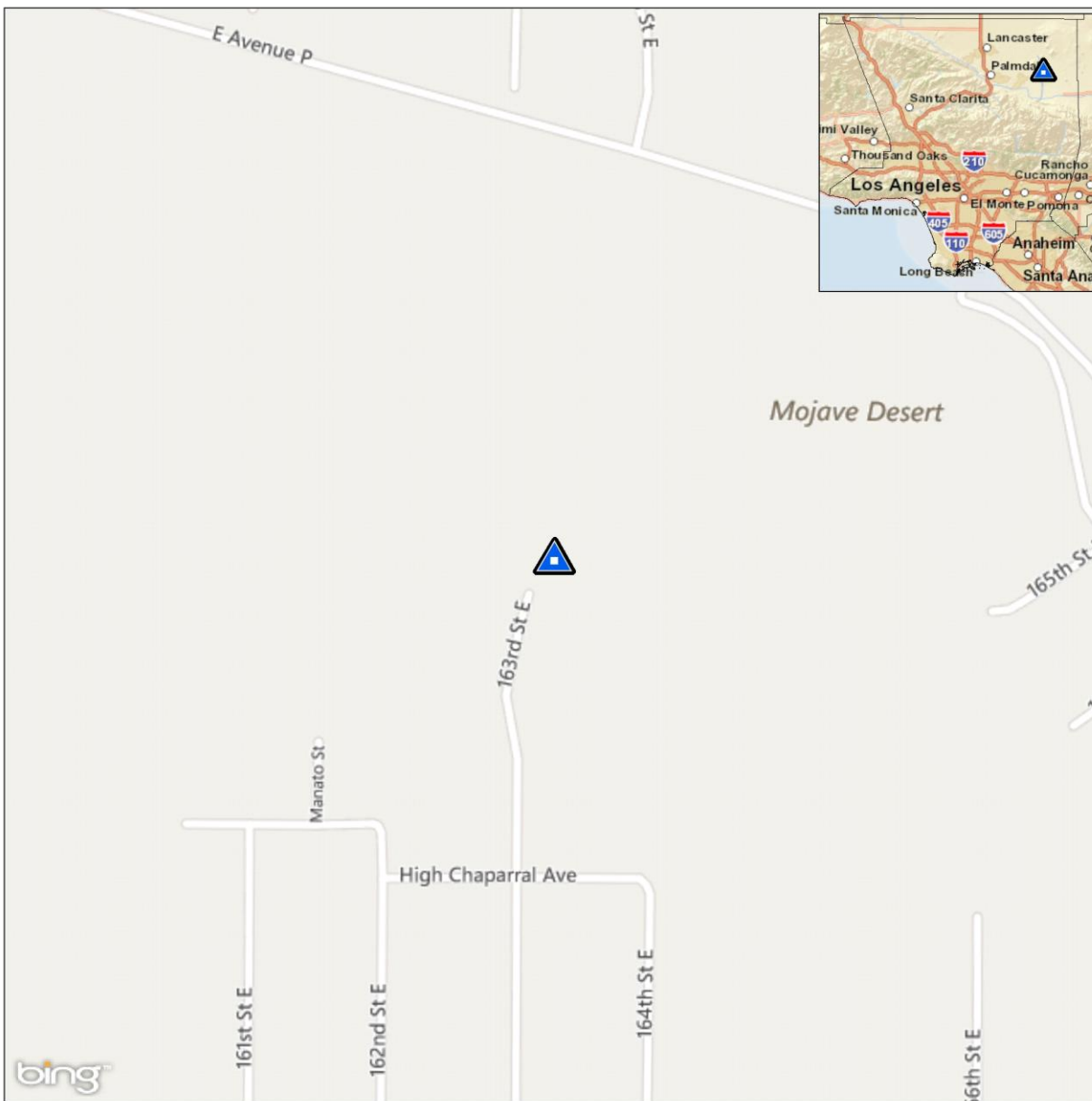
LA-RICS LTE System

Appendix B: Supplemental Environmental Assessment

Site ID: LADPW38

Facility Name: LA County DPW-38

Figure 1. Site Map



1,000 500 0 Feet

 COW LTE Site

LADPW38

Department of Public Works Pump Station 38

39750 163rd St. E

Unincorporated, CA 93591

Proposed New Site Coordinates (NAD83):

Latitude: 34.604588

Longitude: -117.839851

Elevation (Feet): 2966

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels
Published May 2014
- COW LTE Site Boundary
- Proposed New COW Equipment
- Existing Power Panel

LADPW38

Department of Public Works Pump Station 38
39750 163rd St. E
Unincorporated, CA 93591

Proposed New Site Coordinates (NAD83):

Latitude: 34.604588
Longitude: -117.839851
Elevation (Feet): 2966

1.0 PROJECT DESCRIPTION

The Los Angeles County DPW-38 (LADPW38) is a Water Tank owned and operated by the Los Angeles County Department of Public Works - Water Works. The site is located in the unincorporated City of Lake Los Angeles within Los Angeles County.

Development of Site LADPW38 would consist of a deployable Cell On Wheels (COW) LTE facility. A COW includes a new telescoping monopole (which would not exceed 85 feet tall with appurtenances and attachments) and all LTE communications and auxiliary equipment and appurtenant equipment (e.g., emergency generator, fuel tank, equipment cabinets, etc.) to support operation of the deployable LTE facility.

The LTE site boundary (see Figure 2) represents the extent of real property available for parking the COW at LTE site. Construction activities at each COW site include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site. Once a COW trailer is placed in its final position on site, the wheels may be replaced with standards. COW sites would potentially include trenching for power, wall and fencing construction, and placement of grounding equipment. COW sites would require no creation of impervious surfaces, demolition, materials storage or staging or any substantial use of any other construction equipment. COW would be positioned only within the site boundaries.

This site is located at on the urban fringe at the edge of a residential area. Single-family residences are located to the south of the site, approximately 550 feet away. The site itself is at the top of a small hill. The immediate area adjacent to the site is vacant except for the water tank within the site boundary and one additional water tank immediately adjacent to LADPW38.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: Telescoping Monopole located on COW trailer.

Proposed Tower Height: Up to 70 feet.

Maximum Facility Height: 85 feet

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: COW disturbance would include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site.

Power Requirements: Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel generator with integrated belly tank – attenuated to 65 decibel rating.

No Action Alternative: Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: Antenna

Existing Tower Type: N/A

Onsite Ground Equipment: No

Existing Tower Height: N/A

Existing Generation: No

Existing Onsite Pad: Pad for Water Tanks

Existing Backup Power: No

Site Collocated? No

FCC Registration: #

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Water Tank pad

Other Existing Onsite Tall Structures: Water Tanks

Existing Ground Elevation (FT AMSL): 2969

Type of Other Existing Tall Structures: N/A

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Open Space	Open Space Single Family Residential	Open Space	Open Space

Dominant Vicinity Use: Mobile Homes And Trailer Parks

Adjacent Residential Use: Yes

Description of Other Visible Towers: N/A

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	
Angeles National Forest	No	
Santa Monica Mountains National Recreation Area	No	
National or California State Park	No	
Airport Influence Area	No	

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



Site viewed from the north



Surrounding area north of site

South



Site viewed from the south



Surrounding area south of site

East



Site viewed from the east



Surrounding area east of site

West



Site viewed from the west



Surrounding area west of site

3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: Los Angeles County Code of Ordinances, Chapter 12.08.44

Ambient Noise Setting: Rural

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** No

**Local Residential Exterior Noise
Exposure Limit:** 60

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: Single-Family Residents - 600 feet

Sensitive Noise Receiver #1: None

Sensitive Noise Receiver #2: None

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations? No

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00 a.m. - 8:00 p.m.	7:00 a.m. - 8:00 p.m.	None	none

Construction Noise Exempt During Normal Construction Hours? No

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	None	None	None
Construction Vibration	None	None	None
Operation Noise	None	None	None

Discussion/Reference:

Noise and vibration from mobilization activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: Mojave Desert Air Basin

AirQuaMgmtDist: Antelope Valley Air Quality Management District

Nearest Monitoring Station: Lancaster-43301 Division Street

Within Local Conformity Plan:

Sensitive Receptor 1: Single Family Residents

Sensitive Receptor 2: None

Sensitive Receptor 3: None

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	Not Significant	None
Operation Emissions of Criteria Pollutants	Not Significant	Not Significant	None
CEQ's GHG Annual Emission Threshold	Not Significant	Not Significant	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: Lovejoy Buttes (75)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Mojave Desert

Surface Geological Formation: Mesozoic granite, quartz monzonite, granodiorite, and quartz diorite

USDA Soil Classification: Wasco-Rosamond-Cajon

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not Significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. The mobile unit will not require a foundation and a geotechnical report will not be necessary.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Lahontan RWQCB

Hydrologic Sub-Basin or Watershed: Antelope-Fremont Valleys

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? No

If yes, please explain: N/A

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: Unknown

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	None	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Limited ground disturbance may be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Creosote Bush Scrub

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan:** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? No

If yes, please explain: N/A

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: Yes

If yes, please explain: The site is located within desert tortoise and Mohave ground squirrel habitat

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	None	None	None
Common Native Wildlife	None	None	None

Discussion/Reference:

Site will be located on an asphalt pad within a chain link fence. Implementation of BIO CMR's 11 and 12 will eliminate future weed problems. BIO CMR's 6-12 will mitigate for open trenches, preconstruction surveys and monitoring. BIO CMR 1 will preclude impacts to nesting birds. BIO CMR 6 requires construction monitoring. BIO CMR 7 will preclude impacts to small animals. BIO CMR 8 will preclude impacts from open trenches. The only plants within the fenced area are weeds in the cracks in the asphalt. BIO CMR 10 protects native vegetation outside the fence from disturbance.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	Not Significant	Not Significant	Not Significant
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	Not Significant	Not Significant	Not Significant
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	Not Significant	Not Significant	Not Significant
California Endangered Species Act (CESA)	Not Significant	Not Significant	Not Significant
California Native Plant Protection Act (NPPA)	None	None	None

Discussion/Reference:

Implementation of BIO CMR's 1, 2, 6, 7, 8, 9, 10, 11, 12, 13, 14, and 18 will preclude impacts to special status wildlife and plant species. Some potential exists for foraging California condors (although the data supporting this is not fully verified). The site is surrounded by potential desert tortoise and Mohave ground squirrel habitat. The site is extremely rocky and does not offer area for tortoises to dig burrows. The only shelter would be under boulders. Some slopes are too steep for access and the area is surrounded by development. This creates a low potential for tortoises to utilize the site. The existing chain-link fence would only keep adult desert tortoise from entering the work area. However, parking of a COW trailer with a monitor present, along with the other CMRs, is not expected to impact desert tortoise. Nesting birds protected under the MBTA could be impacted by construction activities.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

No impacts to important or critical habitat have been identified, as they do not occur in the project vicinity.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site: No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: No

If yes, identify the historic property: N/A

Area having high sensitivity for paleontological resources: No

If yes, the Paleontological Site: N/A

Geological formation with a high potential for vertebrate paleontological resources: No

If yes, type of geological formation: N/A

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	None	None
Native American Resources	None	None	None
Paleontological Resources	None	None	None

Discussion/Reference:

A records search and field work have been conducted for this site and no historic properties were identified in the direct or indirect APE. There is no potential for surface or subsurface paleontological resources. Fossils have not been found nearby.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site LADPW38 is on a hilltop and includes two large beige water tanks within a flat, paved, and fenced area. An additional similar water tank is located immediately west of the site within its own flat, paved, and fenced area. The water tanks are approximately two stories in height.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

Site LADPW38 is located within a rural subdivision. Residences are generally single-story single-family homes, built in the Ranch style, with landscaping consisting of a variety of vegetation, primarily ornamental trees. A large expanse of undeveloped land separates the site from residences to the north, east, and south. This subdivision is at a lower elevation than the site, making it a somewhat prominent vertical feature.

Visual Character Classification (based on site location): Rural

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	Not Significant	Not Significant	Not Significant
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

A large expanse of undeveloped land separates the site from residences to the north, east, and south. While visible from local residences, the visual impact would not be significant.

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: Los Angeles County

General Plan Designation: Non Urban 1

Zoning: Residential Agriculture 20,000

Comprehensive Plan or
General Plan Local Agency: Los Angeles County

Los Angeles County
Community or Area Plan: Antelope Valley Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: State Route 138

Distance (Miles): 6.5

Nearest Arterial: 170th Street

Distance (Miles): 0.8

Access to the Project Site Provided Via: 163rd Street

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: Waste Management

Water Service

Site Served by or has Available Access to Domestic Water System: LA County Waterworks District 40-38

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not Significant	None	Not Significant
Solid Waste (construction)	Not Significant	None	Not Significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	None	None	None
Water Supply (operation)	None	None	None
Traffic (construction)	Not Significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not Significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	61.6%	11.2%	0.2%	2.6%	24.5%	38.4%
County Jurisdiction	53.3%	8.4%	0.5%	14.2%	23.5%	47.9%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? No

If yes, please explain: N/A

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	\$43,016	\$49,497	\$55,909
Families Below Poverty	21.3%	22.0%	17.8%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? Yes

If yes, please explain: The percentage of families below poverty level is more than 10% greater than the poverty level in Los Angeles County.

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? No

If yes, please explain: N/A

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? No

If yes, please explain: N/A

Site located within 1,000 feet of a landfill? No

If yes, please explain: N/A

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? No

If yes, please explain: N/A

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	None	None	None
Methane Hazard	None	None	None
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

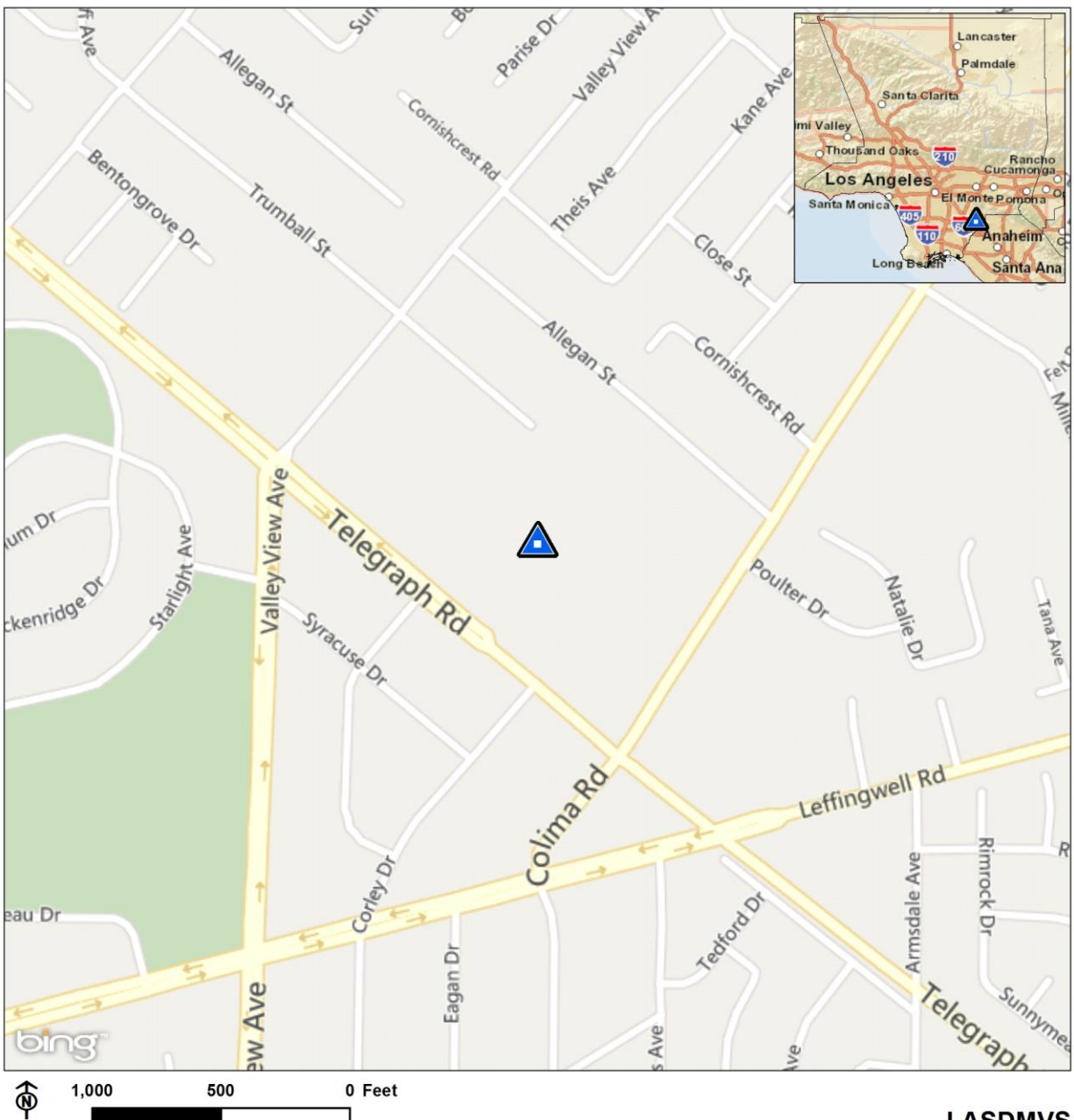
All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

LA-RICS LTE System Appendix B: Supplemental Environmental Assessment

Site ID: LASDMVS

Facility Name: Explorers Training Center

Figure 1. Site Map



 COW LTE Site

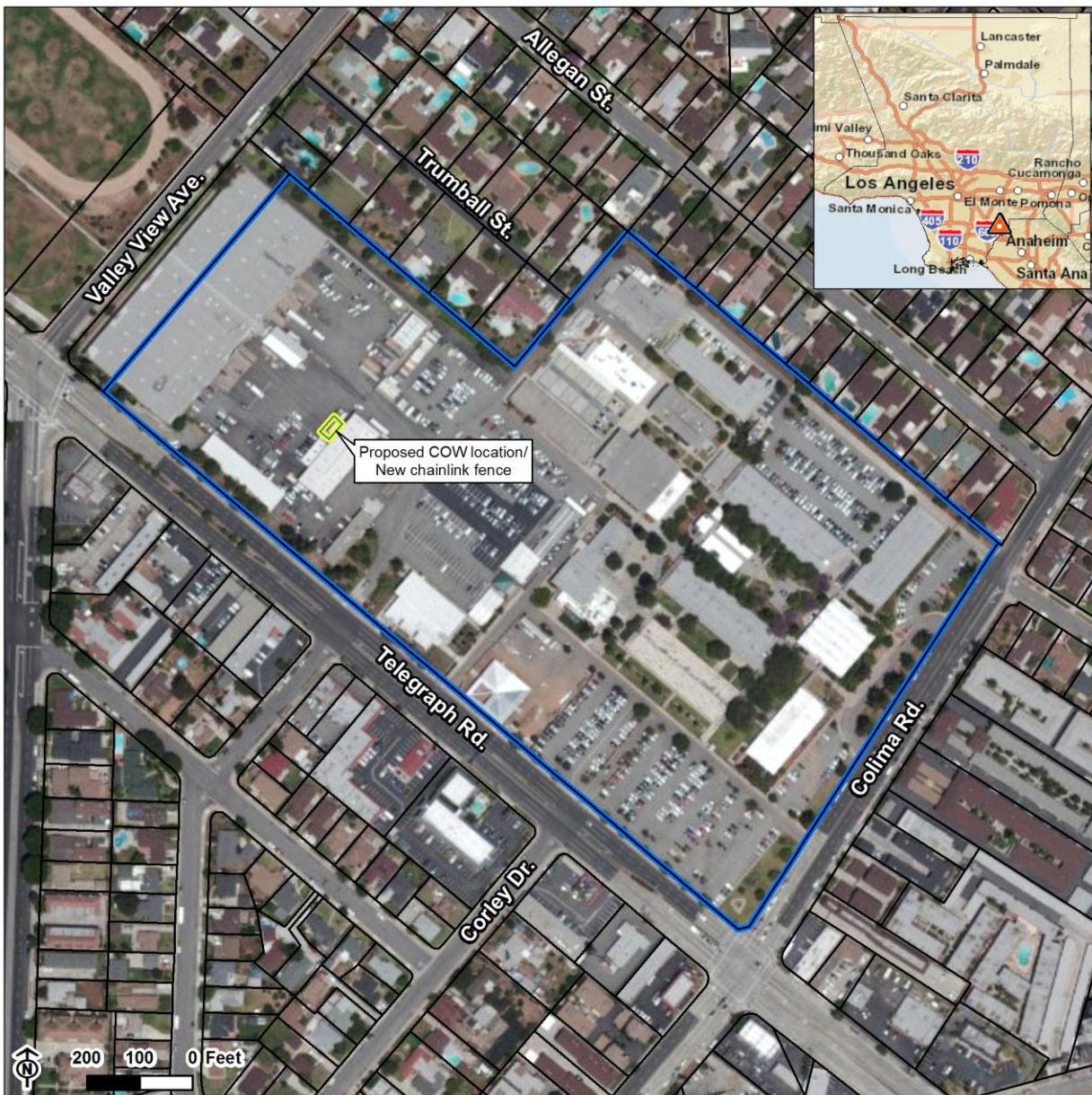
LASDMVS

L.A. Sheriff Station - Monte Vista (Star Center)
11515 Colima Rd.
Whittier (Area), CA 90604

Proposed New Site Coordinates (NAD83):

Latitude: 33.927342
Longitude: -118.025566
Elevation (Feet): 203

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels
Published May 2014
- COW LTE Site Boundary
- Proposed New COW Equipment

LASDMVS

L.A. Sheriff Station - Monte Vista (Star Center)
11515 Colima Rd.
Unincorporated, CA 90604

Proposed New Site Coordinates (NAD83):

Latitude: 33.927342

Longitude: -118.025566

Elevation (Feet): 203

1.0 PROJECT DESCRIPTION

The Monte Vista Star Center (LASDMVS) site is an explorers training facility operated by the LA County Sheriff Department. The site is located in unincorporated Los Angeles County.

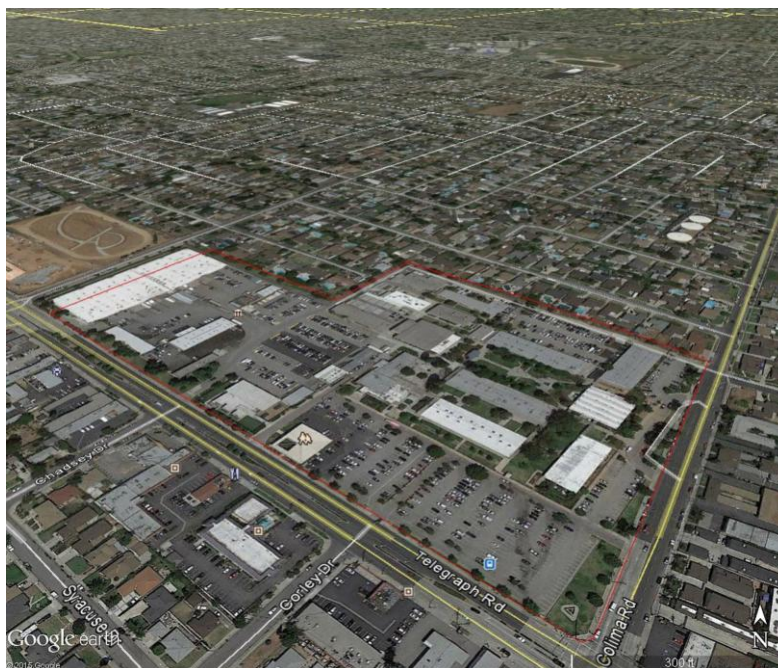
Development of Site LASDMVS would consist of a deployable Cell On Wheels (COW) LTE facility. A COW includes a new telescoping monopole (which would not exceed 85 feet tall with appurtenances and attachments) and all LTE communications and auxiliary equipment and appurtenant equipment (e.g., emergency generator, fuel tank, equipment cabinets, etc.) to support operation of the deployable LTE facility. The LTE site boundary (see Figure 2) represents the extent of real property available for parking the COW at LTE site. Construction activities at each COW site include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site. Once a COW trailer is placed in its final position on site, the wheels may be replaced with standards. COW sites would potentially include trenching for power, wall and fencing construction, and placement of grounding equipment. COW sites would require no creation of impervious surfaces, demolition, materials storage or staging or any substantial use of any other construction equipment. COW would be positioned only within the site boundaries.

This site is located at the edge of a residential and commercial setting. Single-family and multi-family residences are located adjacent to the north/west/southwest boundaries of the site. Commercial properties are located adjacent to the south/southeast/east boundaries of the site. Major cross streets are Valley View Ave. And Telegraph Rd.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: Telescoping Monopole located on COW trailer.

Proposed Tower Height: Up to 70 feet.

Maximum Facility Height: 85 feet

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: COW disturbance would include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site.

Power Requirements: Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel generator with integrated belly tank – attenuated to 65 decibel rating.

No Action Alternative: Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: Yes

Existing Tower Type: Lattice Tower

Onsite Ground Equipment: Yes

Existing Tower Height: 83

Existing Generation: Unknown

Existing Onsite Pad: Yes

Existing Backup Power: Unknown

Site Collocated? No

FCC Registration: #

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Educational Institution

Other Existing Onsite Tall Structures: None

Existing Ground Elevation (FT AMSL): 208

Type of Other Existing Tall Structures:

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Single Family Residential	Educational Institutions	Educational Institutions Multiple Family Residential	Educational Institutions Single Family Residential

Dominant Vicinity Use: Single Family Residential

Adjacent Residential Use: Yes

Description of Other Visible Towers: N/A

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	
Angeles National Forest	No	
Santa Monica Mountains National Recreation Area	No	
National or California State Park	No	
Airport Influence Area	No	

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



Site viewed from the north



Surrounding area north of site

South



Site viewed from the south



Surrounding area south of site

East



Site viewed from the east



Surrounding area east of site

West



Site viewed from the west



Surrounding area west of site

3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: Los Angeles County Code of Ordinances, Chapter 12.08.44

Ambient Noise Setting: Urban

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** Yes

**Local Residential Exterior Noise
Exposure Limit:** 60

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: Single-Family Resident - 300 feet

Sensitive Noise Receiver #1: School

Sensitive Noise Receiver #2: School

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations?

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00 a.m. - 8:00 p.m.	7:00 a.m.-8:00 p.m.	None	None

Construction Noise Exempt During Normal Construction Hours? No

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	None	None	None
Construction Vibration	None	None	None
Operation Noise	None	None	None

Discussion/Reference:

Noise and vibration from mobilization activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: Los Angeles-Westchester Parkway

Within Local Conformity Plan:

Sensitive Receptor 1: Single Family Resident

Sensitive Receptor 2: School

Sensitive Receptor 3: School

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	Not Significant	None
Operation Emissions of Criteria Pollutants	Not Significant	Not Significant	None
CEQ's GHG Annual Emission Threshold	Not Significant	Not Significant	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: Whittier (77)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Peninsular Ranges

Surface Geological Formation: Quaternary alluvium and marine deposits

USDA Soil Classification: Zamora-Urban land-Ramona

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not Significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. The mobile unit will not require a foundation and a geotechnical report will not be necessary.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: San Gabriel

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? No

If yes, please explain: N/A

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: Coastal Plain Of Los Angeles

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	None	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Limited ground disturbance may be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Urban or Built-up/Ornamental

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan:** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? No

If yes, please explain: N/A

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: No

If yes, please explain: N/A

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	None	None	None
Common Native Wildlife	None	None	None

Discussion/Reference:

The proposed action would occur on previously disturbed areas mapped as urban built-up land/ornamental vegetation type. Wildlife and sensitive species issues and BIO CMR's would not apply to this project except for nesting birds. Prior to construction a nesting bird survey (BIO CMR 1) will be conducted if the construction takes place during nesting bird season. Weed management practices would be undertaken over the long-term. Implementation of BIO CMR's 10 and 11 would preclude impacts from weeds.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	None	None	None
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	None	None	None
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	None	None	None
California Endangered Species Act (CESA)	None	None	None
California Native Plant Protection Act (NPPA)	None	None	None

Discussion/Reference:

No sensitive species would be affected, the project is located in a completely urbanized area and does not include native vegetation or habitat for sensitive species. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO CMR 1 would preclude impacts to nesting sensitive bird species.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

No impacts to important or critical habitat have been identified, as they do not occur in the project vicinity.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: No

If yes, identify the historic property: N/A

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: There is moderate potential for surface or subsurface paleontological resources.
The site is mapped as Quaternary Older Alluvium.

Geological formation with a high potential for vertebrate paleontological resources: Yes

If yes, type of geological formation: The site is mapped as Quaternary Older Alluvium. Fossils have been found nearby.

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	None	None
Native American Resources	None	None	None
Paleontological Resources	Not Significant	Not Significant	None

Discussion/Reference:

CRM CMR 5 is in effect at this site. A records search and field work have been conducted for this site and no historic properties were identified in the direct or indirect APE. There is sensitivity for surface and subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site LASDMVS is developed with many single- and two-story buildings, previously used as a high school, that contain the facilities for a sheriff's training and operations complex. The majority of the site is paved and flat. There is a large open plaza with grass, paths, and many ornamental trees. There are additional areas with grass and planting boxes, and other ornamental trees, bushes and shrubs and landscaping. No building on the site is taller than two stories.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

The area surrounding Site LASDMVS is urban and developed with a mix of commercial and single-, two-, and three-story residential buildings. No advantageous viewsheds are located in proximity to the LTE site. The surrounding foliage consists of widely scattered assorted trees and bushes, generally associated with the residential properties. None of the buildings located in the immediate vicinity of the LTE site exceed three stories. Buildings in the vicinity of the site appear to be in fair to good condition.

Visual Character Classification (based on site location): Urban

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

No impacts to aesthetics and visual resources have been identified

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: Los Angeles County

General Plan Designation: Public Facilities

Zoning: Residential Agriculture and Unlimited Commercial

Comprehensive Plan or
General Plan Local Agency: Los Angeles County

Los Angeles County
Community or Area Plan: Gateway Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: State Route 72

Distance (Miles): 1.8

Nearest Arterial: Telegraph Road

Distance (Miles): 0

Access to the Project Site Provided Via: Telegraph Road

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: Los Angeles County Sanitation District #18

Water Service

Site Served by or has Available Access to Domestic Water System: Orchard Dale Water District

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not Significant	None	Not Significant
Solid Waste (construction)	Not Significant	None	Not Significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	None	None	None
Water Supply (operation)	None	None	None
Traffic (construction)	Not Significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not Significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	64.1%	1.2%	1.1%	6.5%	27.6%	35.9%
County Jurisdiction	53.3%	8.4%	0.5%	14.2%	23.5%	47.9%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? No

If yes, please explain: N/A

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	\$70,455	\$49,497	\$55,909
Families Below Poverty	9.0%	22.0%	17.8%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? Yes

If yes, please explain: 4 permitted UST sites, 1 open Cleanup Program site, 1 closed Cleanup Program site

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? Yes

If yes, please explain: N/A

Site located within 1,000 feet of a landfill? No

If yes, please explain: N/A

Potential for methane exposure? Yes

If yes, please explain: Located within 200 feet of an oil well

Hazards

Site located in a Local fire hazard zone? No

If yes, please explain: N/A

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	None	None	None
Methane Hazard	Not Significant	Not Significant	Not Significant
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

The identified permitted UST site and the closed and open cleanup sites are located outside of the designated polygon for the site. The location of the permitted USTs are known and will not be encountered. Any potentially residual impacted soil or groundwater will not be encountered during planned ground disturbing activities. Planned ground disturbing activities include shallow excavation for trenching that will not encounter groundwater and there is no indication that potentially residual impacted soil from the 1 closed and 1 open cleanup site extends to within the planned project boundary

The site is located within 200 feet of an oil well. Methane may be present in the subsurface at this location. Subsurface activities will be limited to placement of a fence and trenching for power and fiber. The proposed site location is paved. The pavement greatly reduces the potential for methane escaping from the subsurface to the atmosphere. No foundations with structures that would trap methane gas are planned for the site. Any gas that may be present would quickly dissipate into the atmosphere during trenching. All equipment for the site will be on a mobile trailer and no structures will be placed on the ground that could trap methane and result in an explosive hazard. Therefore there is negligible hazard from methane at this site.

All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

LA-RICS LTE System Appendix B: Supplemental Environmental Assessment

Site ID: LDWP243

Facility Name: Aqueduct Cascades

Figure 1. Site Map



 Permanent LTE Site

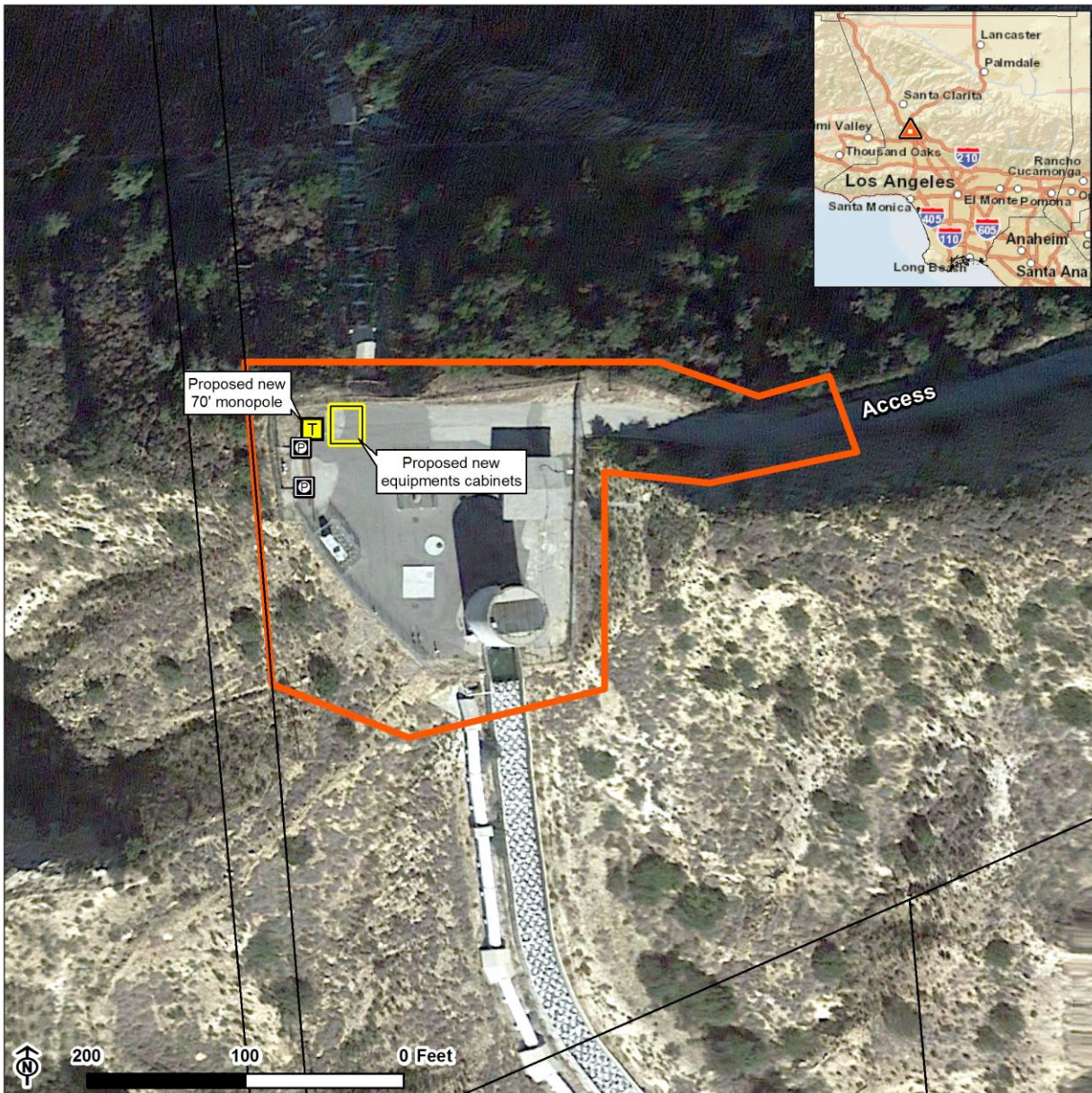
LDWP243

Aqueduct Cascades
Elsmere Mtwy.
Los Angeles, CA 91342

Proposed New Site Coordinates (NAD83):

Latitude: 34.327292
Longitude: -118.497695
Elevation (Feet): 1804

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels Published May 2014
- Permanent LTE Site Boundary
- Existing Power Pole
- Proposed New Equipment
- Proposed New 70' Monopole

LDWP243

Aqueduct Cascades
Elsmere Mtwy.
Los Angeles, CA 91342

Proposed New Site Coordinates (NAD83):

Latitude: 34.327292
Longitude: -118.497695
Elevation (Feet): 1804

1.0 PROJECT DESCRIPTION

The Aqueduct Cascades site (Site LDWP243) is a utility facility operated by the Los Angeles Department of Water and Power (LADWP). The site is located at the urban fringe of the basin region of Los Angeles County.

Development of Site LDPW243 would consist of an LTE facility with a new monopole which would not exceed 85 feet tall (with appurtenances and attachments), except to the extent it is possible to collocate antennas on existing towers and infrastructure, along with LTE communications and auxiliary equipment and appurtenant ground equipment (e.g., emergency generator, fuel tank, fencing, and utility conduits) to support operation of the LTE facility as appropriate.

The LTE site boundary (see Figure 2) represents the extent of real property available for use for this LTE site. Within the LTE site boundary, up to 3,600 square feet (0.08 acre) of ground disturbance could occur at the site and would be limited only to areas that are extensively man-altered, including those areas that are previously paved, graded, landscaped, or otherwise developed or extensively disturbed within the site boundary. New ground disturbance within the 3,600-square-foot area, including area for any new monopole, new pavements and pads, grading, trenching, staging, and access, would occur inside the LTE site boundary. No more than 500 square feet of new impervious surfaces (i.e., new concrete) would be created.

This site is located at the edge of a residential and commercial setting. The site itself is at the top of a small mountain. Single-family residences are located to the southeast of the site, approximately 1,100 feet away. Interstate 5 is 1,300 feet away from the site to the west. The immediate area adjacent to the site is vacant except for the water ladder associated with the water facility at the site.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: Replacement Site. New 70' monopole, plus new equipment / generator

Proposed Facilities



Proposed Tower Type: Monopole

Proposed Tower Height: Up to 70-ft monopole with up to 15-ft lightning rod mounted at top

Maximum Facility Height: 85 ft.

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: Proposed appurtenances include: a proposed monopoles, up to four equipment cabinets or one shelter that would be placed on a 3 ft. by 3 ft., up to 7 ft. high on a 162 sq. ft. concrete slab up to 12 in. thick, emergency generators with service light (either separately or collocated with the equipment cabinets) that would be sited on an approximately 72-square-foot by 12-inch-thick pad, security fencing and lighting, alarms, new interconnection for fiber and/or electrical cable and other appurtenances, on an approximately 3600 sq. ft. area with up to 500 sq. ft. anticipated new impervious surface.

Other anticipated disturbances include: accessing power or fiber from adjacent sources, trenching, utility interconnection, security improvements and signage. Construction activities include ground disturbance, creation of impervious surfaces, demolition activities, materials storage and staging, site access, and site cleanup; and each activity requires the use of equipment.

Power Requirements: Primary power: up to 12.5 kW power drawn from existing transformer to proposed meter.

No Action Alternative: This project also evaluated the No Action Alternative. The LTE site would remain unchanged and no new LTE telecommunication infrastructure or related facilities would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: No

Existing Tower Type: N/A

Onsite Ground Equipment: Water tank/pump house

Existing Tower Height: N/A

Existing Generation: Unknown

Existing Onsite Pad: Yes

Existing Backup Power: Unknown

Site Collocated? Yes

FCC Registration: No #

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Water tank and pump house

Other Existing Onsite Tall Structures: None

Existing Ground Elevation (FT AMSL): 1796

Type of Other Existing Tall Structures: N/A

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Open Space	Residential Open Space	Residential Open Space	Open Space Transportation

Dominant Vicinity Use: Open Space

Adjacent Residential Use: No

Description of Other Visible Towers: N/A

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	
Angeles National Forest	No	
Santa Monica Mountains National Recreation Area	No	
National or California State Park	No	
Airport Influence Area	No	

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



Site viewed from the north



Surrounding area north of site

South



Site viewed from the south



Surrounding area south of site

East



Site viewed from the east



Surrounding area east of site

West



Site viewed from the west



Surrounding area west of site

3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: City of Los Angeles Municipal Code, Chapter XI: Noise Regulation and Chapter IV: Public Welfare, Section 41.40, Noise Due to Construction

Ambient Noise Setting: Urban Fringe

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** Yes

**Local Residential Exterior Noise
Exposure Limit:** 75

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: No Sensitive Receptors within 1,000 ft.

Sensitive Noise Receiver #1: None

Sensitive Noise Receiver #2: None

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations? No

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00 a.m.-9:00 p.m.	8:00 a.m.-6:00 p.m.	None	8:00 a.m.-6:00 p.m.

Construction Noise Exempt During Normal Construction Hours? No

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	Not Significant	None	None
Construction Vibration	Not Significant	None	None
Operation Noise	Not Significant	None	None

Discussion/Reference:

Noise and vibration from construction activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: Santa Clarita, 22224 Placerita Canyon Road

Within Local Conformity Plan:

Sensitive Receptor 1: No Sensitive Receptors within 1,000 feet

Sensitive Receptor 2: Nicholaus Drive Residential Community, 1,050 feet

Sensitive Receptor 3:

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	Not Significant	None
Operation Emissions of Criteria Pollutants	Not Significant	Not Significant	None
CEQ's GHG Annual Emission Threshold	Not Significant	Not Significant	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: San Fernando (80)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? Yes

If yes, please explain: Site is located within a major fault zone for the San Fernando Fault. Surface evidence of past activity occurs in the vicinity.

Geological Province: Transverse Range

Surface Geological Formation: P- Miocene to Pleistocene sandstone and mudstones

USDA Soil Classification: Sobrante-Exchequer-Cieneba loam

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not Significant	Not Significant	Not Significant
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

The site specific geotechnical report would be completed for the site. The report would include site-specific design criteria to meet applicable building codes based on the predicted potential seismic shaking that may occur to any proposed structures at the site.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: Los Angeles

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? Yes

If yes, please explain: Six drainage features are mapped as wetlands (according to the USFWS National Wetland Inventory definition) within 500 ft. of the site boundary, including the Los Angeles Aqueduct (reach code: 18070105000486).

Four features are drainages mapped as R4SBA – Riverine (Intermittent, streambed, temporarily flooded); One feature is mapped as a R4SBJ – Riverine (Intermittent, streambed, intermittently flooded); and one feature is the L.A. Aqueduct, mapped as R4SBAr -Los Angeles Aqueduct– Artificial Riverine (Intermittent, streambed, temporarily flooded)]

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an “Impaired Waterbody”? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: Unnamed

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	Not Significant	Not Significant	Not Significant
Flood Hazard	None	None	None

Discussion/Reference:

There is potential for surface water impacts during construction and operation (e.g., soil erosion due to ground disturbance and precipitation events and contamination from leaks and spills). However, no significant impacts to surface water resources would occur due to the implementation of standard BMPs and the construction management requirements (CMRs) outlined in the Supplemental EA and the Final LA-RICS LTE System EA. BIO CMR 17 and BIO CMR 18 would be implemented to control sediment and pollutants in stormwater and non-stormwater runoff associated with construction according to protocols established by the California Stormwater Quality Association (CASQA).

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Urban or Built-up/Ornamental surrounded by Coast Live Oak Woodland and Coastal Sage Scrub

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan:** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? yes

If yes, please explain: Several drainage ditches labeled R3SB riverine intermittent streambeds that are either irregularly or temporarily flooded or man-made. There are sandy wash near the adjacent road to the site. Otherwise water becomes channelized in depressions when it rains.

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: Yes

If yes, please explain: There is a low or greater occurrence potential for California condor, coastal California gnatcatcher to occur at the site.

Bald/Golden Eagle nest present on site or within 500 feet of the site: Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	None	None	None
Common Native Wildlife	None	None	None

Discussion/Reference:

The Proposed Action would occur on paved or previously disturbed areas mapped as urban or built-up land/ornamental vegetation type. Native habitat does occur at the site however. Measures to be implemented at this site to protect common species include BIO CMR 6, 7, 8, 9, 10, 11, and 12.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	Not Significant	Not Significant	Not Significant
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	Not Significant	Not Significant	Not Significant
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	Not Significant	Not Significant	Not Significant
California Endangered Species Act (CESA)	Not Significant	Not Significant	Not Significant
California Native Plant Protection Act (NPPA)	None	None	None

Discussion/Reference:

Only minor impacts to special status species are anticipated. The biological assessment made a determination of may affect, not likely to adversely affect for California condor and coastal California gnatcatcher. Golden eagles and American peregrine falcon could forage at the site. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO CMR 1, 2, 6, 9, 10, 18, and 19 would preclude impacts to special-status species. Minor impacts to foraging eagles would be offset by implementation of BIO CMR 2. Impacts to American peregrine falcon would also be minor and offset by implementation of BIO CMR 1 and BIO CMR 6.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

Implementation of BIO CMR 17 and BIO CMR 18 would preclude impacts to wetlands at this site. The access road passes through good quality habitat and critical habitat for Coastal California gnatcatcher, however impacts to critical habitat from use of the road to construct or maintain LTE infrastructure at the site are not anticipated, as no vegetation would be removed.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: Yes

If yes, identify the historic property: There is a historic aqueduct in the direct APE that will be avoided.

Architectural historic property (NRHP listed or eligible) within indirect APE: Yes

If yes, identify the historic property: There are two historic properties within the indirect APE. These are the historic aqueduct which is both above and below ground and a historic road.

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: There is high potential for surface or subsurface paleontological resources. The site is mapped as the Pico Formation.

Geological formation with a high potential for vertebrate paleontological resources: Yes

If yes, type of geological formation: The site is mapped as the Pico Formation. Fossils have been found nearby.

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	Not Significant	Not Significant	None
Native American Resources	None	None	None
Paleontological Resources	Not Significant	Not Significant	None

Discussion/Reference:

CRM CMRs 3, 4, and 5 are in effect at this site. A records search and field work have been conducted for this site and no historic properties have been identified in the direct or indirect APE. One historic property (architectural/engineering) has been identified in the direct APE. Two historic properties have been identified in the indirect APE. Impacts on the historic property within the direct APE are not significant because of pre-planning with the DWP to ensure that the aqueduct is avoided. Impacts on properties within the indirect (visual)

APE are not significant because of the distance and intervening terrain between the project location and property and/or because the proposed LTE elements would not be out-of-character with the surrounding industrial features. There is high sensitivity for surface and subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5. An FCC Form 620 was submitted for SHPO review and the SHPO concurred with the findings on June 2, 2015.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site LDWP243 is located on a small peak and is developed with existing communications equipment, a large water tower, a building, and a large pipeline and water ladder running down the southern side of the mountain. The site is paved and flat. No landscaping is present. The height of the water tower is unknown but is at least two stories. A perimeter fence with controlled gate access encloses the site.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

The area surrounding project site LDWP243 is primarily vacant and undeveloped. A portion of a multi-family residential subdivision is within 0.25 mile on the southeast side of the site. Other nearby land uses include additional water tanks, pipelines, transmission lines, and access roads. Interstate 5 is immediately west of the site.

Visual Character Classification (based on site location): Urban Fringe

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain:

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No, see below

If yes, please explain: Interstate 5 in this area is eligible as a designated scenic highway

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

Potential onsite trash generation by contractor is precluded by terms of contract. Though not required, use of stealth technology at sites could reduce visual impacts.

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: City of Los Angeles

General Plan Designation: Minimum Density Residential

Zoning: A1 Agricultural Zone

Comprehensive Plan or
General Plan Local Agency: City of Los Angeles

Los Angeles County
Community or Area Plan: San Fernando Valley Planning Area

City of Los Angeles
Community or Area Plan: Sylmar Community Plan

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: Interstate 5

Distance (Miles): 0.3

Nearest Arterial: Balboa Boulevard

Distance (Miles): 0.4

Access to the Project Site Provided Via: Elsmere Motorway

Electrical

Electricity Service Provider: Los Angeles Department of Water and Power

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: City of Los Angeles Bureau of Sanitation

Water Service

Site Served by or has Available Access to Domestic Water System: City of Los Angeles

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not Significant	None	Not Significant
Solid Waste (construction)	Not Significant	None	Not Significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	Not Significant	None	Not Significant
Water Supply (operation)	None	None	None
Traffic (construction)	Not Significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not Significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	63.8%	5.3%	0.2%	13.3%	17.4%	47.3%
County Jurisdiction	53.3%	8.4%	0.5%	14.2%	23.5%	47.9%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? No

If yes, please explain: N/A

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	\$84,801	\$49,497	\$55,909
Families Below Poverty	4.8%	22.0%	17.8%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? No

If yes, please explain: N/A

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? No

If yes, please explain: N/A

Site located within 1,000 feet of a landfill? No

If yes, please explain: N/A

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? Yes

If yes, please explain: LTE site is located within the "Very High" local fire hazard zone

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? No Hazard Determination

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	Not Significant	None	Not Significant
Methane Hazard	None	None	None
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

The site is located in a very high fire hazard severity zone, and governed by the approved LA-RICS LTE fire management plan. The LTE site is within 0.5 mile of an open methane producing landfill. Compliance with existing state regulations and Los Angeles County ordinances would avoid hazards to human health associated with exposure to methane from landfill. Also, Cal/OSHA safety procedures would be followed.

All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

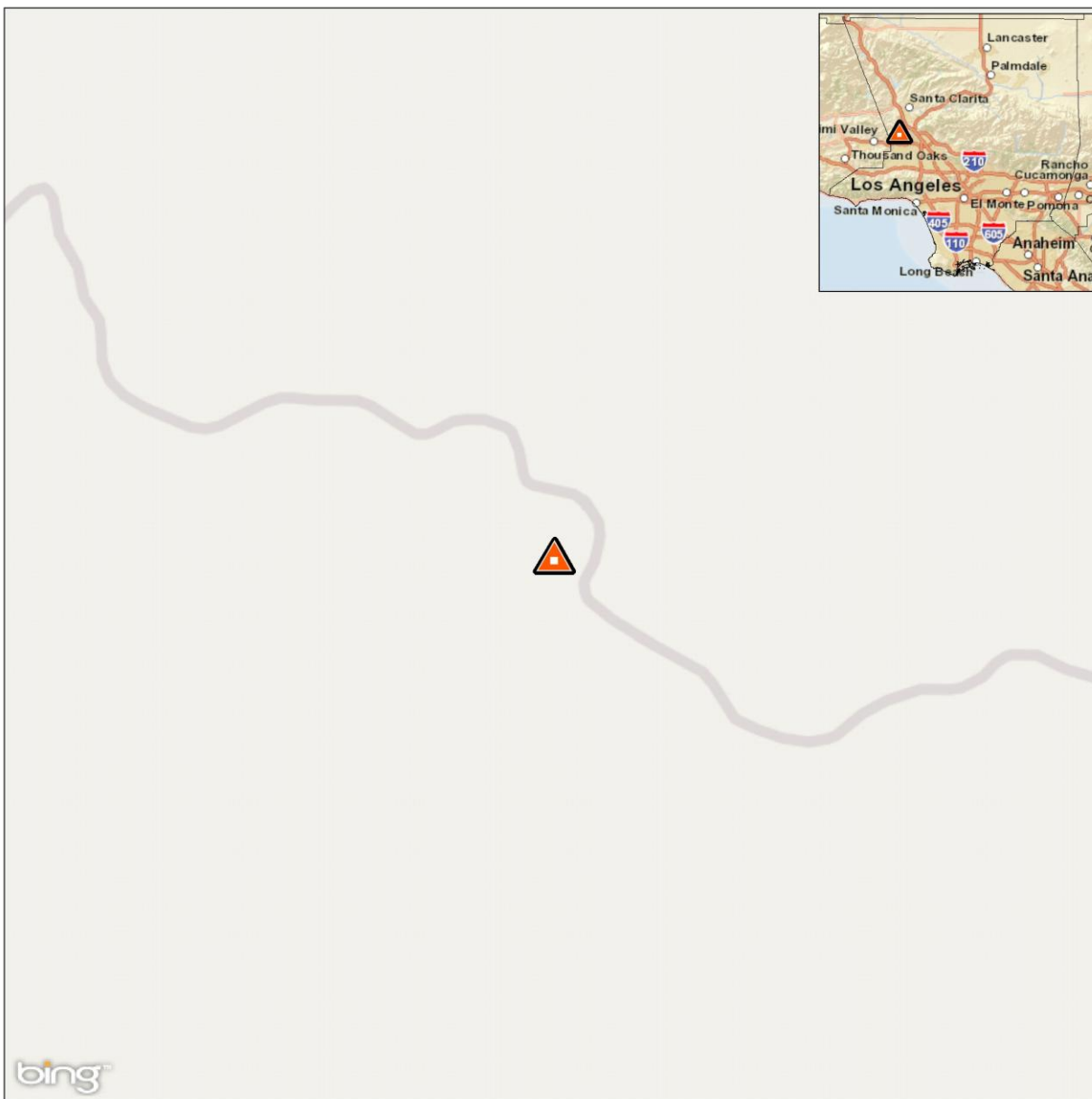
LA-RICS LTE System

Appendix B: Supplemental Environmental Assessment

Site ID: ONK

Facility Name: Oat Mountain Nike

Figure 1. Site Map



 Permanent LTE Site

ONK

Oat Mountain Nike
Palo Sola Truck Rd.
Chatsworth (Area), CA 91381

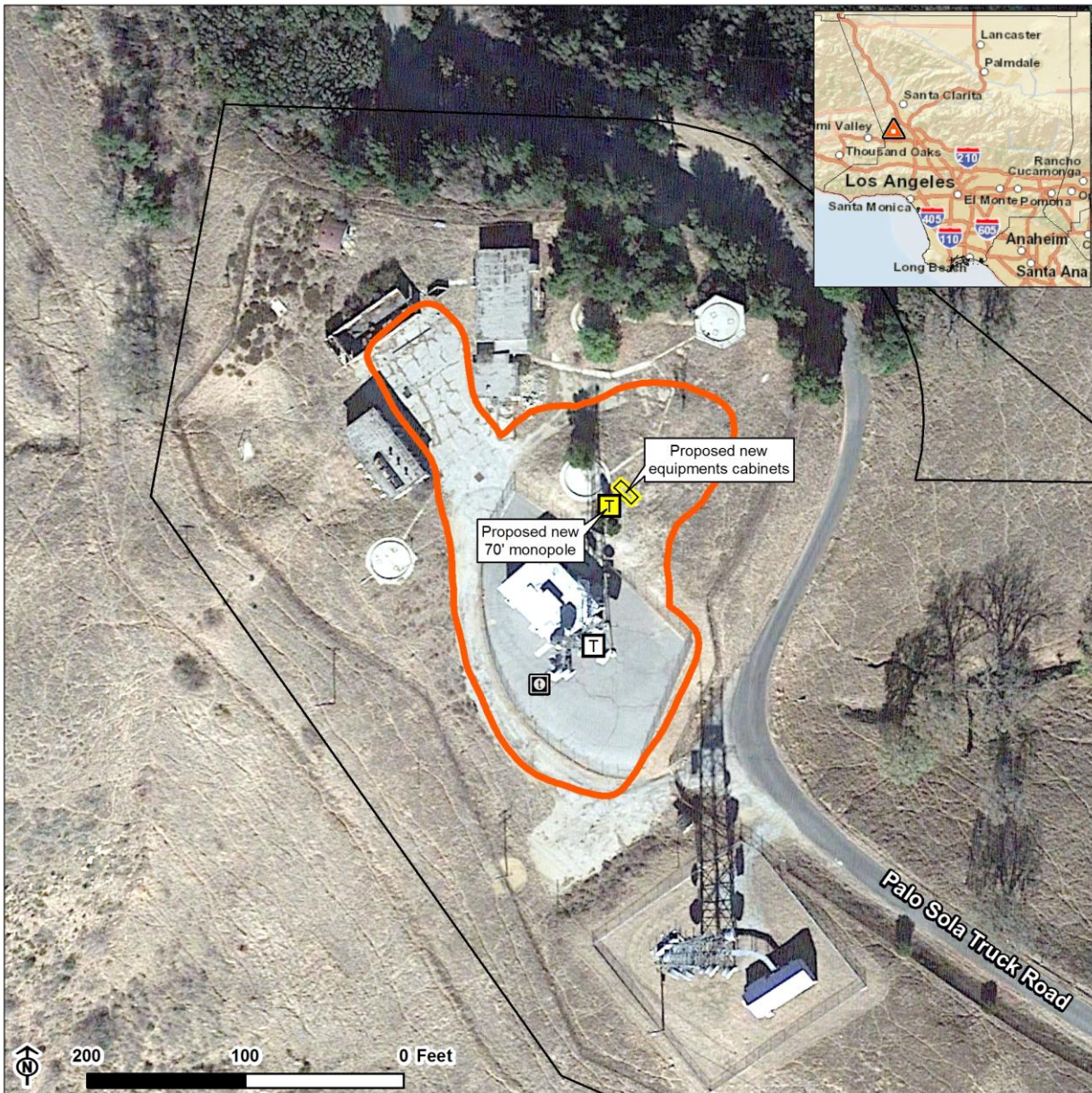
Proposed New Site Coordinates (NAD83):

Latitude: 34.326154

Longitude: -118.586791

Elevation (Feet): 3538

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels
Published May 2014
- Permanent LTE Site Boundary
- Existing Transformer
- Existing Antenna Tower
- Proposed New Equipment
- Proposed New 70' Monopole

ONK

Oat Mountain Nike
Palo Sola Truck Rd.
Unincorporated, CA 91381

Proposed New Site Coordinates (NAD83):

Latitude: 34.326154

Longitude: -118.586791

Elevation (Feet): 3538

1.0 PROJECT DESCRIPTION

The Oat Mountain Nike (ONK) site is an existing communications site occupied by several different entities. The site is located near the summit of Oat Mountain.

Development of Site ONK would consist of an LTE facility with a new monopole which would not exceed 85 feet tall (with appurtenances and attachments), except to the extent it is possible to collocate antennas on existing towers and infrastructure, along with LTE communications and auxiliary equipment and appurtenant ground equipment (e.g., emergency generator, fuel tank, fencing, and utility conduits) to support operation of the LTE facility as appropriate.

The LTE site boundary (see Figure 2) represents the extent of real property available for use for this LTE site. Within the LTE site boundary, up to 3,600 square feet (0.08 acre) of ground disturbance could occur at the site and would be limited only to areas that are extensively man-altered, including those areas that are previously paved, graded, landscaped, or otherwise developed or extensively disturbed within the site boundary. New ground disturbance within the 3,600-square-foot area, including area for any new monopole, new pavements and pads, grading, trenching, staging, and access, would occur inside the LTE site boundary. No more than 500 square feet of new impervious surfaces (i.e., new concrete) would be created.

This site is located in a predominately natural setting, with many communications facilities along the ridgeline. Nearby uses include other communications structures and buildings, several abandoned buildings, oil wells, and the Palo Sola Truck Road access road.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: Monopole

Proposed Tower Height: Up to 70-ft monopole with up to 15-ft lightning rod mounted at top

Maximum Facility Height: 85 ft.

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: Proposed appurtenances include: proposed monopoles, up to four equipment cabinets or one shelter that would be placed on a 3 ft. by 3 ft., up to 7 ft. high on a 162 sq. ft. concrete slab up to 12 in. thick, emergency generators with service light (either separately or collocated with the equipment cabinets) that would be sited on an approximately 72-square-foot by 12-inch-thick pad, security fencing and lighting, alarms, new interconnection for fiber and/or electrical cable and other appurtenances, on an approximately 3600 sq. ft. area with up to 500 sq. ft. anticipated new impervious surface.

Other anticipated disturbances include: accessing power or fiber from adjacent sources, trenching, utility interconnection, security improvements and signage. Construction activities include ground disturbance, creation of impervious surfaces, demolition activities, materials storage and staging, site access, and site cleanup; and each activity requires the use of equipment.

Power Requirements: Primary power: up to 12.5 kW power drawn from existing transformer to proposed meter; UPS System including: batteries, equipment and 35-kW diesel generator w/ belly tank attenuated to 65 CNEL.

No Action Alternative: This project also evaluated the No Action Alternative. The LTE site would remain unchanged and no new LTE telecommunication infrastructure or related facilities would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: Yes

Existing Tower Type: Lattice

Onsite Ground Equipment: Yes

Existing Tower Height: 120

Existing Generation: yes

Existing Onsite Pad: Yes

Existing Backup Power: Unknown

Site Collocated? No

FCC Registration: Yes # 1061593

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Communications tower and equipment

Other Existing Onsite Tall Structures: No

Existing Ground Elevation (FT AMSL): 3515

Type of Other Existing Tall Structures: N/A

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Open Space	Open Space	Open Space / Communications	Open Space

Dominant Vicinity Use: Open Space

Adjacent Residential Use: No

Description of Other Visible Towers: Multiple Lattice Towers

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	
Angeles National Forest	No	
Santa Monica Mountains National Recreation Area	No	
National or California State Park	No	
Airport Influence Area	No	

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



Site viewed from the north



Surrounding area north of site

South



Site viewed from the south



Surrounding area south of site

East

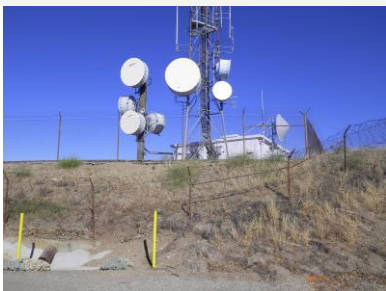


Site viewed from the east

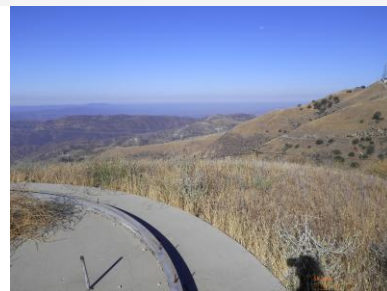


Surrounding area east of site

West



Site viewed from the west



Surrounding area west of site

3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: Los Angeles County Code of Ordinances, Chapter 12.08.44

Ambient Noise Setting: Rural

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** Yes

**Local Residential Exterior Noise
Exposure Limit:** 60

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: No Sensitive Receptors within 1,000 ft.

Sensitive Noise Receiver #1: None

Sensitive Noise Receiver #2: None

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations? No

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00 a.m. - 8:00 p.m.	7:00 a.m.-8:00 p.m.	None	None

Construction Noise Exempt During Normal Construction Hours? No

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	Not Significant	None	None
Construction Vibration	Not Significant	None	None
Operation Noise	Not Significant	None	None

Discussion/Reference:

Noise and vibration from construction activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: Santa Clarita, 22224 Placerita Canyon Road

Within Local Conformity Plan:

Sensitive Receptor 1: No Sensitive Receptors within 1,000 feet

Sensitive Receptor 2:

Sensitive Receptor 3:

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	Not Significant	None
Operation Emissions of Criteria Pollutants	Not Significant	Not Significant	None
CEQ's GHG Annual Emission Threshold	Not Significant	Not Significant	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: Oat Mountain (80)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Transverse Range

Surface Geological Formation: P- Miocene to Pleistocene sandstone and mudstones

USDA Soil Classification: Rock outcrop-Lithic Xerorthents-Calleguas-Badland Association

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not Significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

The site specific geotechnical report would be completed for the site. The report would include site-specific design criteria to meet applicable building codes based on the predicted potential seismic shaking that may occur to any proposed structures at the site.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: Santa Clara and Los Angeles

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? Yes

If yes, please explain: One drainage feature is mapped as a wetland (according to the USFWS National Wetland Inventory definition) within 500 ft. of the site boundary and is classified as R4SBA – Riverine (Intermittent, streambed, temporarily flooded).

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an “Impaired Waterbody”? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: Unnamed

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	Not Significant	Not Significant	Not Significant
Flood Hazard	None	None	None

Discussion/Reference:

There is potential for surface water impacts during construction and operation (e.g., soil erosion due to ground disturbance and precipitation events and contamination from leaks and spills). However, no significant impacts to surface water resources would occur due to the implementation of standard BMPs and the construction management requirements (CMRs) outlined in the Supplemental EA and the Final LA-RICS LTE System EA. BIO CMR 17 and BIO CMR 18 would be implemented to control sediment and pollutants in stormwater and non-stormwater runoff associated with construction according to protocols established by the California Stormwater Quality Association (CASQA).

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Non-native Grassland and Valley Oak Woodland

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan:** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? Yes

If yes, please explain: Several drainage ditches labeled R3SB are riverine, intermittent streambeds that are irregularly or temporary flooded, or an artificial aqueduct. Site is located on a hill top. The natural topography results in channelized water flow during rainstorms.

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: Yes

If yes, please explain: There is a low or greater occurrence potential for California condor, coastal California gnatcatcher to occur at the site. See Biological Assessment

Bald/Golden Eagle nest present on site or within 500 feet of the site: Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	None	None	None
Common Native Wildlife	None	None	None

Discussion/Reference:

The Proposed Action would occur on paved or previously disturbed areas mapped as urban or built-up land/ornamental vegetation type. Native habitat does occur at the site however. Measures to be implemented at this site to protect common species include BIO CMR 1, 6, 7, 8, 9, 10, 11, 12 and 18.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	Not Significant	Not Significant	Not Significant
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	Not Significant	Not Significant	Not Significant
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	Not Significant	Not Significant	Not Significant
California Endangered Species Act (CESA)	Not Significant	Not Significant	Not Significant
California Native Plant Protection Act (NPPA)	None	None	None

Discussion/Reference:

Only minor impacts to sensitive species are anticipated. The biological assessment made a determination of may affect, not likely to adversely affect for California condor and coastal California gnatcatcher. Golden eagles and American peregrine falcon could forage at the site. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO CMR 1, 2, 6, 9, 10, 18, and 19 would preclude impacts to special-status species. Minor impacts to foraging eagles would be offset by implementation of BIO CMR 2. Impacts to American peregrine falcon would also be minor and offset by implementation of BIO CMR 1 and BIO CMR 6.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

Implementation of BIO CMR 17 and BIO CMR 18 would preclude impacts to wetlands at this site. The paved access road used to access several industrial uses in the area passes through critical habitat for coastal California gnatcatcher, however impacts to critical habitat from use of the road to develop / maintain LTE infrastructure at this site are not anticipated.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: No

If yes, identify the historic property: N/A

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: There is high potential for surface or subsurface paleontological resources. The site is mapped as Sisquoc Shale.

Geological formation with a high potential for vertebrate paleontological resources: No

If yes, type of geological formation: N/A

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	None	None
Native American Resources	None	None	None
Paleontological Resources	Not Significant	Not Significant	None

Discussion/Reference:

CRM CMR 5 is in effect at this site. A record search and field work have been conducted for this site and no historic properties have been identified in the direct or indirect APE. There is high sensitivity for surface and subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5. An FCC Form 620 was submitted for SHPO review and the SHPO concurred with the findings on June 2, 2015.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site ONK is located on a ridgeline of the Santa Susanna Mountains, near the Oat Mountain peak. The ridgeline already has many existing towers and equipment buildings as well as an access road.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

The area surrounding project site ONK is a mostly undeveloped mountain ridge, providing expansive views of the valleys north and south of the site. The ridge has evidence of past and present development activities and includes many existing communication towers and equipment buildings, oil wells, an access road, and several abandoned buildings. Vegetation consisting of assorted trees and bushes is present.

Visual Character Classification (based on site location): Rural

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

Potential onsite trash generation by contractor is precluded by terms of contract. Though not required, use of stealth technology at sites could reduce visual impacts.

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: Los Angeles County

General Plan Designation: Non-Urban

Zoning: Heavy Agriculture

Comprehensive Plan or
General Plan Local Agency: Los Angeles County

Los Angeles County
Community or Area Plan: San Fernando Valley Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

The placement of the structure will likely require a Conditional Use Permit, which will place conditions upon the site to allow placement. Therefore, there are less than significant impacts expected to land use.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: State Route 118

Distance (Miles): 3

Nearest Arterial: Tampa Avenue

Distance (Miles): 3

Access to the Project Site Provided Via: Browns Canyon Road/Palo Sola Truck Road

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: Republic Services

Water Service

Site Served by or has Available Access to Domestic Water System: Los Angeles County Waterworks

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not Significant	None	Not Significant
Solid Waste (construction)	Not Significant	None	Not Significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	Not Significant	None	Not Significant
Water Supply (operation)	None	None	None
Traffic (construction)	Not Significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not Significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	70.5%	2.0%	1.3%	19.5%	6.7%	17.2%
County Jurisdiction	53.3%	8.4%	0.5%	14.2%	23.5%	47.9%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? No

If yes, please explain: N/A

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	\$95,888	\$55,909	\$55,909
Families Below Poverty	4.0%	N/A	17.8%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? No

If yes, please explain: N/A

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? No

If yes, please explain: N/A

Site located within 1,000 feet of a landfill? No

If yes, please explain: N/A

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? No

If yes, please explain: N/A

Site located in a State fire hazard zone? Yes

If yes, please explain: LTE site is located within the "Very High" local fire hazard zone

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	Not Significant	None	Not Significant
Methane Hazard	None	None	None
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

The site is located in a very high fire hazard severity zone, and governed by the approved LA-RICS LTE fire management plan.

All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

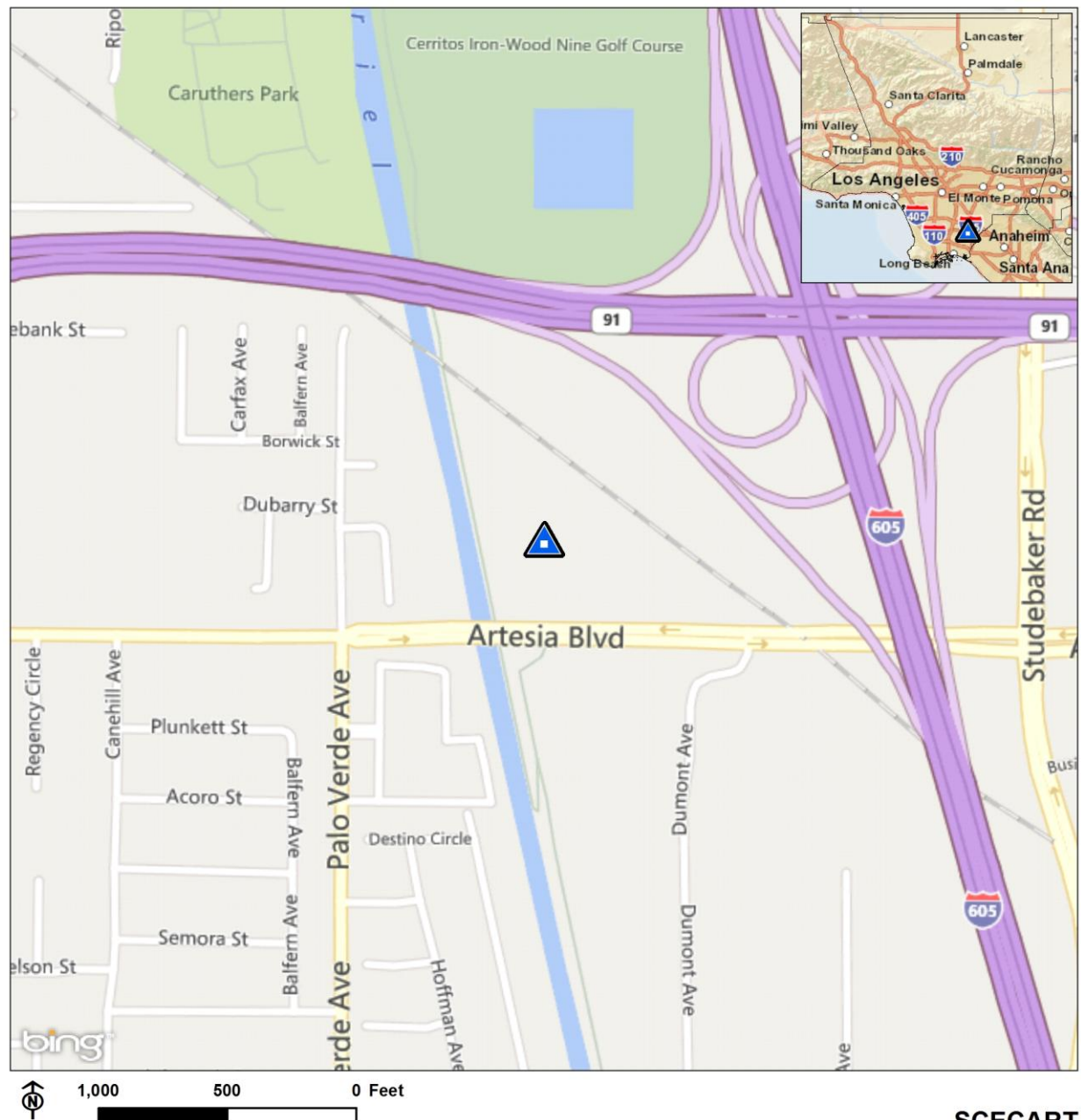
LA-RICS LTE System

Appendix B: Supplemental Environmental Assessment

Site ID: SCECART

Facility Name: SCE - Caruthers Self-Storage

Figure 1. Site Map



 COW LTE Site

SCECART

SCE - Caruthers Self-Storage
10753 Artesia Blvd.
Cerritos, CA 90703

Proposed New Site Coordinates (NAD83):

Latitude: 33.873966
Longitude: -118.105961
Elevation (Feet): 67

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels
Published May 2014
- COW LTE Site Boundary
- Proposed New COW Equipment
- Existing Antenna Tower

SCEART

SCE - Caruthers Self-Storage
Artesia Blvd.
Cerritos, CA 90703

Proposed New Site Coordinates (NAD83):

Latitude: 33.873966

Longitude: -118.105961

Elevation (Feet): 67

1.0 PROJECT DESCRIPTION

Site SCECART (SCE Caruthers Self-Storage) is located within the SCE utility corridor adjacent to the channelized San Gabriel River. The site is within a parking area used as RV storage for an adjacent self storage facility. The site is located in the City of Cerritos within Los Angeles County.

Development of Site SCECART would consist of a deployable Cell On Wheels (COW) LTE facility. A COW includes a new telescoping monopole (which would not exceed 85 feet tall with appurtenances and attachments) and all LTE communications and auxiliary equipment and appurtenant equipment (e.g., emergency generator, fuel tank, equipment cabinets, etc.) to support operation of the deployable LTE facility.

The LTE site boundary (see Figure 2) represents the extent of real property available for parking the COW at LTE site. Construction activities at each COW site include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site. Once a COW trailer is placed in its final position on site, the wheels may be replaced with standards. COW sites would potentially include trenching for power, wall and fencing construction, and placement of grounding equipment. COW sites would require no creation of impervious surfaces, demolition, materials storage or staging or any substantial use of any other construction equipment. COW would be positioned only within the site boundaries.

This site is located in a commercial/industrial setting. Single-family residences are located west of the site, across the San Gabriel River channel. Agricultural, single-family residential, commercial uses are located south of the site. A school and a church are also located southeast of the site. The site is located off of Artesia Boulevard, immediately southwest of the I-605 and SR 91 Interchange.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: Telescoping Monopole located on COW trailer.

Proposed Tower Height: Up to 70 feet.

Maximum Facility Height: 85 feet

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: COW disturbance would include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site.

Power Requirements: Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel generator with integrated belly tank – attenuated to 65 decibel rating.

No Action Alternative: Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: No

Existing Tower Type: N/A

Onsite Ground Equipment: N/A

Existing Tower Height: N/A

Existing Generation: N/A

Existing Onsite Pad: Yes

Existing Backup Power: Unknown

Site Collocated? No

FCC Registration: #

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Self Storage

Other Existing Onsite Tall Structures: Yes

Existing Ground Elevation (FT AMSL): 66

Type of Other Existing Tall Structures: Electric Transmission
Towers

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Industrial	Agriculture	Mixed Commercial And Industrial	Single Family Residential
Golf Course	Mixed Residential and Commercial		

Dominant Vicinity Use: Residential

Adjacent Residential Use: No

Description of Other Visible Towers: Double-circuit lattice towers and separate double-circuit poles with underbuild

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	N/A
Angeles National Forest	No	N/A
Santa Monica Mountains National Recreation Area	No	N/A

National or California State Park	No	N/A
Airport Influence Area	No	N/A

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



South



East



West



3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: City of Cerritos Municipal Code, Chapter 22.80.480

Ambient Noise Setting: Light Industrial

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** No

**Local Residential Exterior Noise
Exposure Limit:** 50

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: Single-Family Resident - 480 Feet

Sensitive Noise Receiver #1: None

Sensitive Noise Receiver #2: None

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations?

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00 AM to 7:00 PM	7:00 AM to 7:00 PM	7:00 AM to 7:00 PM	None

Construction Noise Exempt During Normal Construction Hours? Yes

Construction Allowed During Extended Hours with Approval or Permit? No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	None	None	None
Construction Vibration	None	None	None
Operation Noise	None	None	None

Discussion/Reference:

Noise and vibration from mobilization activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: 700 S Bullis Rd, Compton, California, 90221

Within Local Conformity Plan: SCAQMD Final 2012 Air Quality Management Plan, 1999

Sensitive Receptor 1: Single family home - 175 feet

Sensitive Receptor 2: Single family home - 364 feet

Sensitive Receptor 3:

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	None	Not Significant
Operation Emissions of Criteria Pollutants	Not Significant	None	Not Significant
CEQ's GHG Annual Emission Threshold	None	None	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: Los Alamitos (77)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Peninsular Ranges

Surface Geological Formation: Quaternary alluvium and marine deposits

USDA Soil Classification: Zamora-Urban land-Ramona

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not Significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. The mobile unit will not require a foundation and a geotechnical report will not be necessary.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: San Gabriel

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? Yes

If yes, please explain: San Gabriel River

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: Coastal Plain of Los Angeles

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	None	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Limited ground disturbance may be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Urban or Built-up/Ornamental with Ruderal along the railroad right of way

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan:** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? Yes

If yes, please explain: LTE site boundary is within 500 feet of Riverine. The concrete channel of the San Gabriel River is adjacent to the site.

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: No

If yes, please explain: N/A

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	Not Significant	Not Significant	Not Significant
Common Native Wildlife	None	None	None

Discussion/Reference:

The proposed action would occur on previously disturbed areas mapped as urban builtup/ornamental vegetation type. Wildlife and sensitive species issues and BIO CMR's would not apply to the project except for nesting birds. Prior to construction a nesting bird survey BIO CMR-1 will be conducted if the construction takes place during nesting bird season. Weed management practices would be undertaken over the long-term. Implementation of BIO CMR's 10 and 11 would preclude impacts from weeds.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	None	None	None
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	None	None	None
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	None	None	None
California Endangered Species Act (CESA)	None	None	None
California Native Plant Protection Act (NPPA)	None	None	None

Discussion/Reference:

No sensitive species would be affected. The project is located in a completely urbanized area and does not include native vegetation or habitat for sensitive species. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO-CMR-1 would preclude impacts to nesting sensitive bird species.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

Physical contact with wetland waters or other critical habitat is not expected due to its distance from the site and from site access and impacts to sensitive habitat would be avoided through implementation of CMR's identified for common vegetation and wildlife plus BIO CMR 17 Wetlands and Other Waters.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: Yes

If yes, identify the historic property: There is one historic property within the indirect APE - a segment of the historic Union Pacific Railroad, Upper Railroad Route.

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: There is low potential for surface paleontological resources, but moderate/unknown potential for subsurface paleontological resources. The site is mapped as Quaternary Alluvium.

Geological formation with a high potential for vertebrate paleontological resources: Yes

If yes, type of geological formation: The site is mapped as Quaternary Alluvium. Fossils have been found nearby.

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	Not Significant	None
Native American Resources	None	None	None
Paleontological Resources	Not Significant	Not Significant	None

Discussion/Reference:

CRM CMR 5 is in effect at this site. A records search and field work have been conducted for this site and no historic properties have been identified in the direct APE. One historic property (architectural/engineering) has been identified in the indirect APE. Impacts on the historic property within the indirect APE (a segment of the historic Union Pacific Railroad) are not significant. The landscape of this project site is heavily industrial and

transportation-related and there are other transmission towers at the project site. As a result, the addition of mast-type antenna would be in character with the landscape and create no additional visual impacts on this low-profile resource. There is low sensitivity for surface and moderate to unknown sensitivity for subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site SCECART is a developed parking area underneath an existing high-voltage transmission line corridor. The parking area is used for RV storage at an adjacent self storage business. The majority of the site is paved and flat. Two large lattice transmission structures are located at north and south ends of the site. Very little vegetation is present at the site, consisting of mostly small shrubs and a few low trees. No building on the site is taller than one story.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

The area surrounding Site SCECART is urban and developed with a mix of one- and two-story single- and multi-family residences, commercial uses, agriculture, educational uses, and a high-voltage transmission corridor. The intersection of the I-605 and SR 91 is approximately 0.25 mile northwest of the site. No advantageous viewsheds are located in proximity to the LTE site. The surrounding foliage consists of widely scattered assorted trees and bushes, generally associated with the residential properties. The school property to the south is landscaped with trees and large grass areas. None of the buildings located in the immediate vicinity of the LTE site exceed two stories. Buildings in the vicinity of the site appear to be in fair to good condition.

Visual Character Classification (based on site location): Urban

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

The placement of the site within an existing utility corridor with several lattice and monopole steel transmission line structures, which are larger in height and girth than the monopole on the COW, will attenuate the impacts to views of the site. No impacts are anticipated.

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: City of Cerritos

General Plan Designation: Light Industrial

Zoning: Open Space - Overlay

Comprehensive Plan or
General Plan Local Agency: City of Cerritos

Los Angeles County
Community or Area Plan: Gateway Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: Interstate 605

Distance (Miles): 0.25

Nearest Arterial: Artesia Boulevard

Distance (Miles): 0

Access to the Project Site Provided Via: Artesia Boulevard

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: CalMet Services, Inc.

Water Service

Site Served by or has Available Access to Domestic Water System: City of Cerritos

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not significant	None	Not significant
Solid Waste (construction)	Not significant	None	Not significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	None	None	None
Water Supply (operation)	None	None	None
Traffic (construction)	Not significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not significant	None	Not significant

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	44.3%	11.63%	0.48%	21.69%	21.87%	38.42%
County Jurisdiction	53.30%	8.40%	0.50%	14.20%	23.50%	47.90%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? No

If yes, please explain: N/A

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	62,430	89,594	\$55,909
Families Below Poverty	10.40%	4.5%	17.80%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? Yes

If yes, please explain: 1 permitted UST site located within .25 miles of the LTE site

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? No

If yes, please explain: N/A

Site located within 1,000 feet of a landfill? No

If yes, please explain: N/A

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? No

If yes, please explain: N/A

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	None	None	None
Methane Hazard	None	None	None
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

The permitted UST is located off site outside of the approved polygon for the project. The permitted location of the UST is known and will not be encountered during planned construction activities for the site.

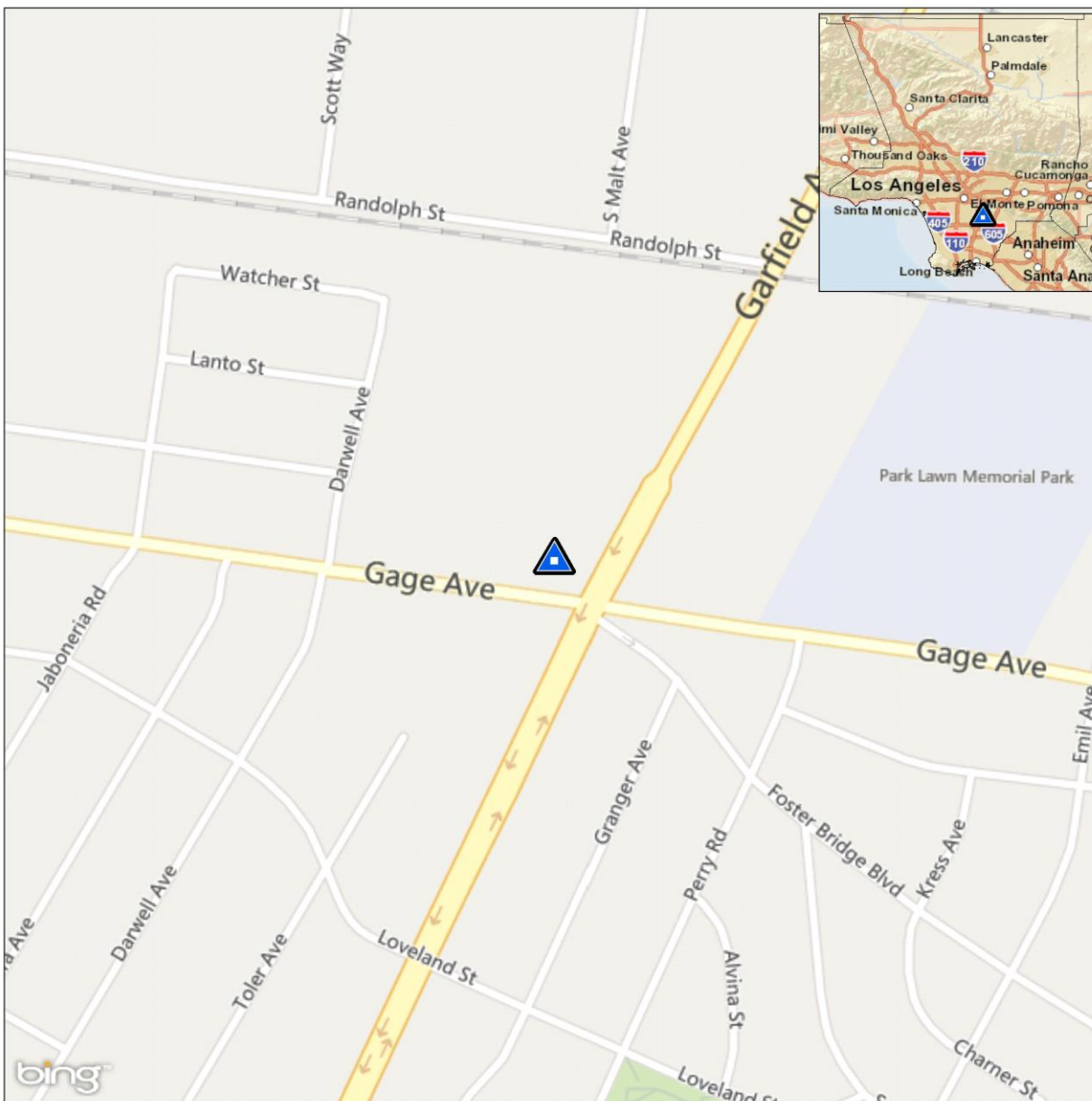
All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

LA-RICS LTE System Appendix B: Supplemental Environmental Assessment

Site ID: SCELGNBL

Facility Name: SCE - Laguna Bell Substation

Figure 1. Site Map



 COW LTE Site

SCELG NBL

SCE - Laguna Bell Substation
6420 Garfield Ave.
Commerce, CA 90201

Proposed New Site Coordinates (NAD83):

Latitude: 33.974301
Longitude: -118.147434
Elevation (Feet): 135

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels
Published May 2014
- COW LTE Site Boundary
- Proposed New COW Equipment
- Existing Cell Tower

SCELG NBL

SCE - Laguna Bell Substation
Garfield Ave.
Commerce, CA 90201

Proposed New Site Coordinates (NAD83):

Latitude: 33.974301

Longitude: -118.147434

Elevation (Feet): 135

1.0 PROJECT DESCRIPTION

Site SCELGNBL is located within a large SCE substation, called the Laguna Bell Substation. The site is located in the City of Commerce within Los Angeles County.

Development of Site SCELGNBL would consist of a deployable Cell On Wheels (COW) LTE facility. A COW includes a new telescoping monopole (which would not exceed 85 feet tall with appurtenances and attachments) and all LTE communications and auxiliary equipment and appurtenant equipment (e.g., emergency generator, fuel tank, equipment cabinets, etc.) to support operation of the deployable LTE facility.

The LTE site boundary (see Figure 2) represents the extent of real property available for parking the COW at LTE site. Construction activities at each COW site include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site. Once a COW trailer is placed in its final position on site, the wheels may be replaced with standards. COW sites would potentially include trenching for power, wall and fencing construction, and placement of grounding equipment. COW sites would require no creation of impervious surfaces, demolition, materials storage or staging or any substantial use of any other construction equipment. COW would be positioned only within the site boundaries.

This site is located within a large substation site. Single-family residences are located immediately west of the site, and multi-family residences are located south of the site. A school is located east of the site. The site is located at the intersection of Gage Avenue and Garfield Avenue.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: Telescoping Monopole located on COW trailer.

Proposed Tower Height: Up to 70 feet.

Maximum Facility Height: 85 feet

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: COW disturbance would include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site.

Power Requirements: Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel generator with integrated belly tank – attenuated to 65 decibel rating.

No Action Alternative: Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: Yes

Existing Tower Type: Monopole

Onsite Ground Equipment: Yes

Existing Tower Height: Unknown

Existing Generation: Unknown

Existing Onsite Pad: Yes

Existing Backup Power: Unknown

Site Collocated? No

FCC Registration: #

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Electric Substation

Other Existing Onsite Tall Structures: Yes

Existing Ground Elevation (FT AMSL): 137

Type of Other Existing Tall Structures: Electric Transmission
Towers

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Electric Substation Industrial	Multi-Family Residential Commercial	Educational Institutions Cemetery	Single-Family Residential

Dominant Vicinity Use: Industrial

Adjacent Residential Use: Yes

Description of Other Visible Towers: Single- and double-circuit lattice structures

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	N/A
Angeles National Forest	No	N/A
Santa Monica Mountains National Recreation Area	No	N/A
National or California State Park	No	N/A
Airport Influence Area	No	N/A

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



South



East



West



3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: City of Commerce Municipal Code, Chapter 19.19

Ambient Noise Setting: Commercial

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** No

**Local Residential Exterior Noise
Exposure Limit:** 50

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: Single-Family Resident- 100 feet

Sensitive Noise Receiver #1: School - 750 feet

Sensitive Noise Receiver #2: None

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations?

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00 am to 10:00 pm	7:00 am to 10:00 pm	7:00 am to 10:00 pm	None

Construction Noise Exempt During Normal Construction Hours? No

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	None	None	None
Construction Vibration	None	None	None
Operation Noise	None	None	None

Discussion/Reference:

Noise and vibration from mobilization activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: Rail Road Yard Washington Blvd., Commerce, Ca 90058

Within Local Conformity Plan: SCAQMD Final 2012 Air Quality Management Plan, 1999

Sensitive Receptor 1: Apartment Complex - 96 feet

Sensitive Receptor 2:

Sensitive Receptor 3:

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	None	None	Not Significant
Operation Emissions of Criteria Pollutants	None	None	None
CEQ's GHG Annual Emission Threshold	None	None	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: South Gate (82)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Peninsular Ranges

Surface Geological Formation: Quaternary alluvium and marine deposits

USDA Soil Classification: Urban land-Sorrento-Hanford

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. The mobile unit will not require a foundation and a geotechnical report will not be necessary.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: Los Angeles

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? No

If yes, please explain: N/A

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: Coastal Plain of Los Angeles

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	None	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Limited ground disturbance may be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Urban or Built-up/Ornamental

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan:** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? No

If yes, please explain: N/A

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: No

If yes, please explain: No

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	Not Significant	Not Significant	Not Significant
Common Native Wildlife	None	None	None

Discussion/Reference:

The proposed action would occur on previously disturbed areas mapped as urban built-up/ornamental vegetation type. Wildlife and sensitive species issues and BIO CMR's would not apply to the project except for nesting birds. Prior to construction, a nesting bird survey BIO CMR-1 will be conducted if the construction takes place during nesting bird season. Weed management practices would be undertaken over the long-term. Implementation of BIO CMRs 10 and 11 would preclude impacts from weeds.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	None	None	None
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	None	None	None
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	None	None	None
California Endangered Species Act (CESA)	None	None	None
California Native Plant Protection Act (NPPA)			

Discussion/Reference:

No sensitive species would be affected. The project is located in a completely urbanized area and does not include native vegetation or habitat for sensitive species. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO CMR-1 would preclude impacts to nesting bird species.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

No impacts to important or critical habitat have been identified, as they do not occur in the project area.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: No

If yes, identify the historic property: N/A

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: There is low potential for surface paleontological resources, but moderate/unknown potential for subsurface paleontological resources. The site is mapped as Quaternary Alluvium.

Geological formation with a high potential for vertebrate paleontological resources: Yes

If yes, type of geological formation: The site is mapped as Quaternary Alluvium. Fossils have been found nearby.

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	None	None
Native American Resources	None	None	None
Paleontological Resources	Not Significant	Not Significant	None

Discussion/Reference:

CRM CMR 5 is in effect at this site. A records search and field work have been conducted for this site and no historic properties have been identified in the direct or indirect APE. There is low sensitivity for surface and moderate to unknown sensitivity for subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site SCELGNBL is a largely undeveloped area within the existing walls of a high-voltage substation. The majority of the site is compacted gravel and flat. The eastern third of the site is landscaped with grass, shrubs, and a number of large trees. A small one-story equipment building is present on site. No building on the site is taller than one story.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

Site SCELGNBL is contained within a large high-voltage transmission substation, that includes many tall and complex lattice structures. Other equipment within the substation includes transformers, capacitor banks, relays, switches, and circuit breakers. Several buildings are located within the substation, including a building several stories in height. The area around the substation is urban and developed with a mix of one- and two-story single- and multi-family residences, commercial uses, educational uses, churches, and a high-voltage transmission corridor. Several large cemeteries are located east of the site. No advantageous viewsheds are located in proximity to the LTE site. The surrounding foliage consists of widely scattered assorted trees and bushes, generally associated with the residential properties. The eastern side of the substation is landscaped with grass, shrubs, and a number of large trees. The cemetery property to the east is landscaped with trees and large grass areas. None of the buildings located in the immediate vicinity of the LTE site exceed two stories. Buildings in the vicinity of the site appear to be in fair to good condition.

Visual Character Classification (based on site location): Urban

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

The placement of the site within an existing transmission substation with many lattice transmission line structures, which are larger in height and girth than the monopole on the COW, will attenuate the impacts to views of the site. No impacts are anticipated.

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: City of Commerce

General Plan Designation: Public Facilities

Zoning: Public Facilities

Comprehensive Plan or
General Plan Local Agency: City of Commerce

Los Angeles County
Community or Area Plan: Gateway Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: Interstate 710

Distance (Miles): 1.2

Nearest Arterial: Garfield Avenue

Distance (Miles): 0

Access to the Project Site Provided Via: Garfield Avenue

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: CalMet Services, Inc.

Water Service

Site Served by or has Available Access to Domestic Water System: California Water Service Company

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not significant	None	Not significant
Solid Waste (construction)	Not significant	None	Not significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	None	None	None
Water Supply (operation)	None	None	None
Traffic (construction)	Not significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not significant	None	Not significant

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	68.64%	1.64%	0.34%	1.17%	28.22%	91.82%
County Jurisdiction	53.30%	8.40%	0.50%	14.20%	23.50%	47.90%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? Yes

If yes, please explain: Hispanic/Latino population is greater than 50%

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	46,825	48,729	\$55,909
Families Below Poverty	20.90%	15.9%	17.80%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? Yes

If yes, please explain: 4 closed LUST cleanup sites and 1 opened LUST cleanup site are located within .25 miles of the LTE site

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? No

If yes, please explain: N/A

Site located within 1,000 feet of a landfill? No

If yes, please explain: N/A

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? No

If yes, please explain: N/A

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	None	None	None
Methane Hazard	None	None	None
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

The identified permitted UST sites and the closed LUST site are located outside of the planned project activities within the designated polygon for the site. The location of the permitted USTs are known and will not be encountered. Any potentially residual impacted soil or groundwater will not be encountered during planned ground disturbing activities. Planned ground disturbing activities include shallow excavation for trenching that will not encounter groundwater and there is no indication that potentially impacted soil from the one open LUST site and the 4 closed LUST sites extends to within the planned project boundary.

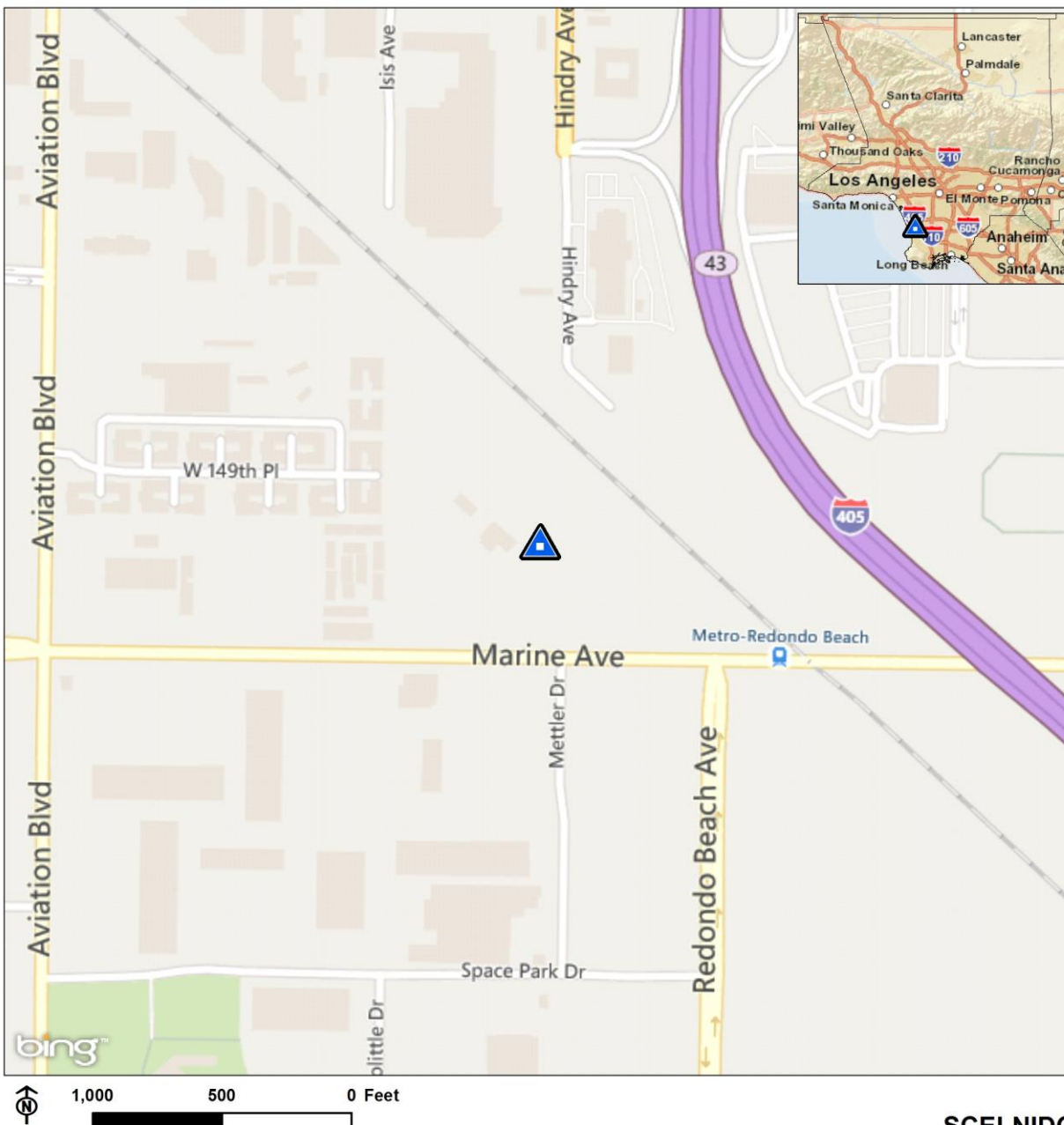
All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

LA-RICS LTE System Appendix B: Supplemental Environmental Assessment

Site ID: SCELNIDO

Facility Name: SCE - El Nido Substation

Figure 1. Site Map



 COW LTE Site

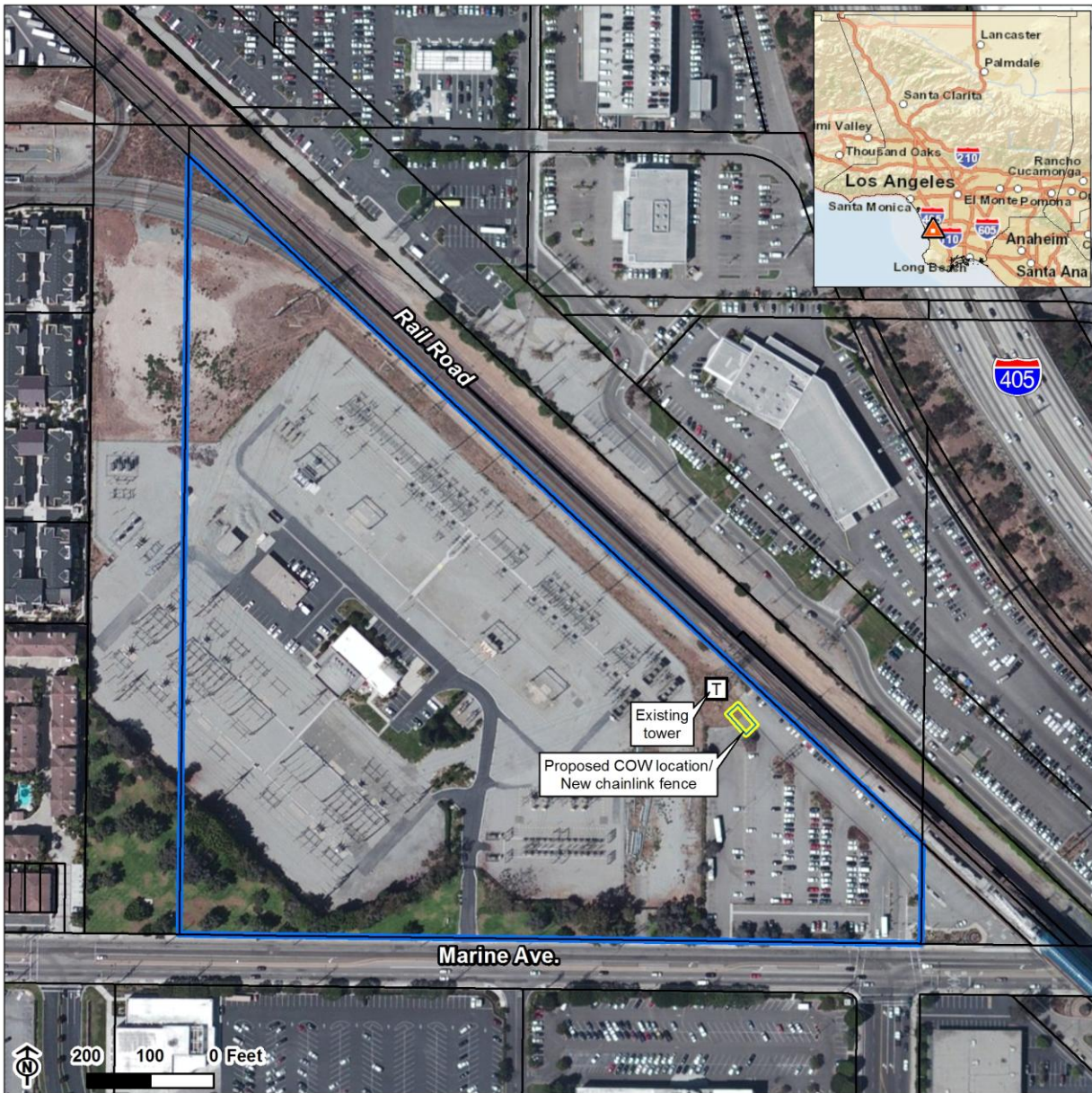
SCELNIDO

SCE - El Nido Substation
Marine Ave./Redondo Beach Ave.
Hawthorne, CA 90250

Proposed New Site Coordinates (NAD83):

Latitude: 33.895877
Longitude: -118.37241
Elevation (Feet): 71

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels
Published May 2014
- COW LTE Site Boundary
- Proposed New COW Equipment
- Existing Antenna Tower

SCENIDO
 SCE - El Nido Substation
 Marine Ave.
 Hawthorne, CA 90250

Proposed New Site Coordinates (NAD83):

Latitude: 33.895877

Longitude: -118.37241

Elevation (Feet): 71

1.0 PROJECT DESCRIPTION

Site SCELNIDO is located within a large SCE substation called the El Nido Substation. The site is located in the City of Hawthorne within Los Angeles County.

Development of Site SCELNIDO would consist of a deployable Cell On Wheels (COW) LTE facility. A COW includes a new telescoping monopole (which would not exceed 85 feet tall with appurtenances and attachments) and all LTE communications and auxiliary equipment and appurtenant equipment (e.g., emergency generator, fuel tank, equipment cabinets, etc.) to support operation of the deployable LTE facility.

The LTE site boundary (see Figure 2) represents the extent of real property available for parking the COW at LTE site. Construction activities at each COW site include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site. Once a COW trailer is placed in its final position on site, the wheels may be replaced with standards. COW sites would potentially include trenching for power, wall and fencing construction, and placement of grounding equipment. COW sites would require no creation of impervious surfaces, demolition, materials storage or staging or any substantial use of any other construction equipment. COW would be positioned only within the site boundaries.

This site is located within a large substation site. Multi-family residences are located immediately west of the site, and the remaining sides are commercial and industrial uses. The site is located off of Marine Avenue approximately 0.2 miles west of the I-405 freeway.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: Telescoping Monopole located on COW trailer.

Proposed Tower Height: Up to 70 feet.

Maximum Facility Height: 85 feet

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: COW disturbance would include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site.

Power Requirements: Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel generator with integrated belly tank – attenuated to 65 decibel rating.

No Action Alternative: Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: No

Existing Tower Type: N/A

Onsite Ground Equipment: N/A

Existing Tower Height: N/A

Existing Generation: N/A

Existing Onsite Pad: Yes

Existing Backup Power: Unknown

Site Collocated? No

FCC Registration: #

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Electric Substation

Other Existing Onsite Tall Structures: Yes

Existing Ground Elevation (FT AMSL): 72

Type of Other Existing Tall Structures: Electric Transmission
Towers

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Commercial And Services	Mixed Commercial And Industrial	Commercial And Services	Multi-Family Residential

Dominant Vicinity Use: Commercial And Services

Adjacent Residential Use: Yes

Description of Other Visible Towers: Single- and double-circuit lattice structures

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	N/A
Angeles National Forest	No	N/A
Santa Monica Mountains National Recreation Area	No	N/A
National or California State Park	No	N/A
Airport Influence Area	No	N/A

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



South



East



West



3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: City of Hawthorne Municipal Code, Chapter 17.20.270

Ambient Noise Setting: Commercial

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** No

**Local Residential Exterior Noise
Exposure Limit:** 60

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: Multi-family resident - 950 feet

Sensitive Noise Receiver #1: None

Sensitive Noise Receiver #2: None

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations? Yes

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00 Am to 10:00 pm	7:00 Am to 10:00 pm	None	None

Construction Noise Exempt During Normal Construction Hours? No

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	None	None	None
Construction Vibration	None	None	None
Operation Noise	None	None	None

Discussion/Reference:

Noise and vibration from mobilization activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: Hawthorne

Within Local Conformity Plan: SCAQMD Final 2012 Air Quality Management Plan, 1999

Sensitive Receptor 1: Apartment Complex - 173 feet

Sensitive Receptor 2: Auto retail complex - 200 feet

Sensitive Receptor 3:

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	None	Not Significant
Operation Emissions of Criteria Pollutants	Not Significant	None	None
CEQ's GHG Annual Emission Threshold	None	None	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: Inglewood (82)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Peninsular Ranges

Surface Geological Formation: Quaternary alluvium and marine deposits

USDA Soil Classification: Urban land-Sorrento-Hanford

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. The mobile unit will not require a foundation and a geotechnical report will not be necessary.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: San Gabriel

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? No

If yes, please explain: N/A

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: Coastal Plain of Los Angeles

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	None	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Urban or Built-up/Ornamental

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan:** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? No

If yes, please explain: N/A

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: No

If yes, please explain: N/A

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	None	None	None
Common Native Wildlife	None	none	None

Discussion/Reference:

The proposed action would occur on previously disturbed areas mapped as urban built-up/ornamental vegetation type. Wildlife and sensitive species issues and BIO CMR's would not apply to the project except nesting birds. Prior to construction a nesting bird survey BIO CMR-1 will be conducted if the construction takes place during nesting bird season. Weed management practices would be undertaken if necessary over the long term. Implementation of BIO CMR 10 and 11 would preclude impacts from weeds.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	None	None	None
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	None	None	None
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	None	None	None
California Endangered Species Act (CESA)	None	None	None
California Native Plant Protection Act (NPPA)	None	None	None

Discussion/Reference:

No sensitive species would be affected. The project is located in a completely urbanized area and does not include native vegetation or habitat for sensitive species. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO CMR-1 would preclude impacts to nesting sensitive bird species.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

No impacts to important habitat have been identified as they do not occur in the project area.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: No

If yes, identify the historic property: N/A

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: There is moderate potential for surface or subsurface paleontological resources.
The site is mapped as Quaternary Older Alluvium.

Geological formation with a high potential for vertebrate paleontological resources: Yes

If yes, type of geological formation: The site is mapped as Quaternary Older Alluvium. Fossils have been found nearby.

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	None	None
Native American Resources	None	None	None
Paleontological Resources	Not Significant	Not Significant	None

Discussion/Reference:

CRM CMR 5 is in effect at this site. A records search and field work have been conducted for this site and no historic properties have been identified in the direct or indirect APE. There is moderate sensitivity for surface or subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site SCENLIDO is a large high-voltage transmission substation, that includes many tall and complex lattice structures. Other equipment within the substation includes transformers, capacitor banks, relays, switches, and circuit breakers. The majority of the site is compacted gravel and flat. Several small office and administration buildings, and associated parking, are located within the site. The areas immediately surrounding the buildings is landscaped with small amounts of grass, small shrubs, and small trees. A large strip of land south of the substation is landscaped with grass, shrubs, and large trees. No building on the site is taller than one story.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

The area surrounding Site SCENLIDO is urban and developed with a mix of residential, commercial, office, and industrial uses. Two- and three-story multi-family residential structures are located to the west of the site. The eastern side of the site is bounded by a transit rail line, with commercial uses further east. Office uses are located west and south of the site, with large industrial uses also located south. I-405 is located approximately 0.15 mile east of the site. No advantageous viewsheds are located in proximity to the LTE site. The surrounding foliage consists of widely scattered assorted trees and bushes, generally associated with the residential properties and along the perimeters of parking areas associated with the office uses. The office building located south of the site exceeds ten stories in height. Buildings in the vicinity of the site appear to be in fair to good condition.

Visual Character Classification (based on site location): Urban

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

The placement of the site within an existing transmission substation with many lattice transmission line structures, which are larger in height and girth than the monopole on the COW, will attenuate the impacts to views of the site. No impacts are anticipated.

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: City of Hawthorne

General Plan Designation: Freeway Commercial Mixed Use

Zoning: Freeway Commercial Mixed Use - Mixed Use Overlay

Comprehensive Plan or
General Plan Local Agency: City of Hawthorne

Los Angeles County
Community or Area Plan: South Bay Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: Interstate 405

Distance (Miles): 0.2

Nearest Arterial: Marine Avenue

Distance (Miles): 0

Access to the Project Site Provided Via: Marine Avenue

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: Republic Services

Water Service

Site Served by or has Available Access to Domestic Water System: California Water Service Company

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not significant	None	Not significant
Solid Waste (construction)	Not significant	None	Not significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	None	None	None
Water Supply (operation)	None	None	None
Traffic (construction)	Not significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	70.06%	4.44%	0.65%	10.47%	14.38%	34.94%
County Jurisdiction	53.30%	8.40%	0.50%	14.20%	23.50%	47.90%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? No

If yes, please explain: N/A

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	96,733	44,649	\$55,909
Families Below Poverty	5.51%	16.2%	17.80%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? Yes

If yes, please explain: 2 permitted UST sites and 2 closed LUST cleanup sites are located within .25 miles of the LTE site

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? Yes

If yes, please explain: Wells are located within 200 feet of LTE site boundary

Site located within 1,000 feet of a landfill? No

If yes, please explain: Wells are located within 200 feet of LTE site boundary

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? No

If yes, please explain: N/A

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	None	None	None
Methane Hazard	Not Significant	Not Significant	Not Significant
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

The identified permitted UST sites and the closed LUST site are located outside of the planned project activities within the designated polygon for the site. The location of the permitted USTs are known and will not be encountered. Any potentially residual impacted soil or groundwater will not be encountered during planning ground disturbing activities. Planned ground disturbing activities include shallow excavation for trenching that will not encounter groundwater and there is no indication that potential residually impacted soil from the closed LUST site extends to within the planned project boundary.

The site is located within 200 feet of an oil well. Methane may be present in the subsurface at this location. Subsurface activities will be limited to placement of a fence and trenching for power and fiber. The proposed site location is paved. The pavement greatly reduces the potential for methane escaping from the subsurface to the atmosphere. No foundations with structures that would trap methane gas are planned for the site. Any gas that may be present would quickly dissipate into the atmosphere during trenching. All equipment for the site will be on a mobile trailer and no structures will be placed on the ground that could trap methane and result in an explosive hazard. Therefore there is negligible hazard from methane at this site.

All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

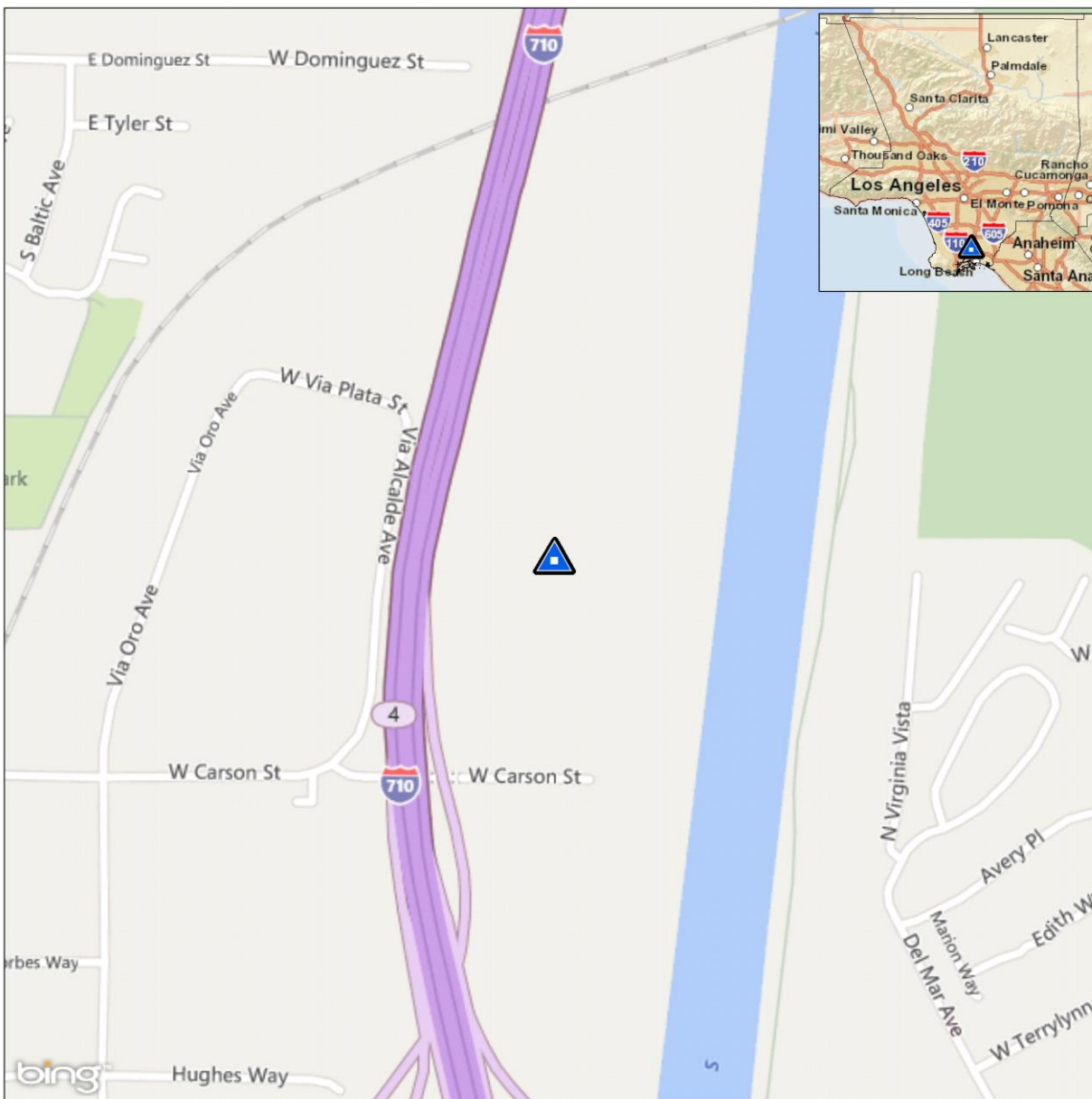
LA-RICS LTE System

Appendix B: Supplemental Environmental Assessment

Site ID: SCELONG

Facility Name: SCE - Long Beach Self-Storage

Figure 1. Site Map



 COW LTE Site

SCE LONG

SCE - Long Beach Self-Storage

E. 208th St.

Long Beach, CA 90810

Proposed New Site Coordinates (NAD83):



Latitude: 33.834098

Longitude: -118.207043

Elevation (Feet): 35

Figure 2. Satellite Map and Site Equipment Plan



-  Los Angeles Assessor Parcels
Published May 2014
-  COW LTE Site Boundary

SCELONG

SCE - Long Beach Self-Storage
E. 208th St.
Long Beach, CA 90810

Proposed New Site Coordinates (NAD83):

Latitude: 33.834098

Longitude: -118.207043

Elevation (Feet): 35

1.0 PROJECT DESCRIPTION

Site SCELONG is located within an SCE utility corridor between I-710 and the Los Angeles River. The site is located in the City of Long Beach within Los Angeles County.

Development of Site SCELONG would consist of a deployable Cell On Wheels (COW) LTE facility. A COW includes a new telescoping monopole (which would not exceed 85 feet tall with appurtenances and attachments) and all LTE communications and auxiliary equipment and appurtenant equipment (e.g., emergency generator, fuel tank, equipment cabinets, etc.) to support operation of the deployable LTE facility.

The LTE site boundary (see Figure 2) represents the extent of real property available for parking the COW at LTE site. Construction activities at each COW site include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site. Once a COW trailer is placed in its final position on site, the wheels may be replaced with standards. COW sites would potentially include trenching for power, wall and fencing construction, and placement of grounding equipment. COW sites would require no creation of impervious surfaces, demolition, materials storage or staging or any substantial use of any other construction equipment. COW would be positioned only within the site boundaries.

This site is located within the SCE utility corridor between I-710 and the Los Angeles River, adjacent to a rail transit storage and maintenance facility. The site is generally surrounded industrial uses and an area of open space to the east of the site.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: Telescoping Monopole located on COW trailer.

Proposed Tower Height: Up to 70 feet.

Maximum Facility Height: 85 feet

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: COW disturbance would include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site.

Power Requirements: Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel generator with integrated belly tank – attenuated to 65 decibel rating.

No Action Alternative: Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: No

Existing Tower Type: N/A

Onsite Ground Equipment: N/A

Existing Tower Height: N/A

Existing Generation: N/A

Existing Onsite Pad: Yes

Existing Backup Power: No

Site Collocated? No

FCC Registration: #

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Electric Transmission and Transportation

Other Existing Onsite Tall Structures: Yes

Existing Ground Elevation (FT AMSL): 34

Type of Other Existing Tall Structures: Electric Transmission
Towers

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Transportation	Mixed Commercial and Industrial	Open Space	Transportation Industrial

Dominant Vicinity Use: Industrial

Adjacent Residential Use: No

Description of Other Visible Towers: Large lattice towers

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	N/A
Angeles National Forest	No	N/A
Santa Monica Mountains National Recreation Area	No	N/A
National or California State Park	No	N/A
Airport Influence Area	No	N/A

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



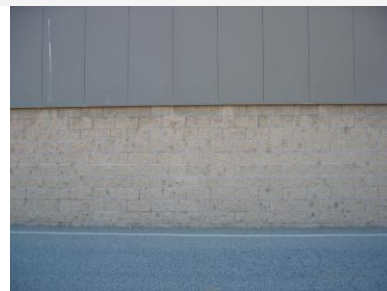
South



East



West



3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: City of Long Beach Municipal Code, Chapter 8.80

Ambient Noise Setting: Commercial

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** No

**Local Residential Exterior Noise
Exposure Limit:** 50

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: No Sensitive Receptors within 1,000 ft.

Sensitive Noise Receiver #1: None

Sensitive Noise Receiver #2: None

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations? Yes

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	anytime	anytime	9:00 AM to 6:00 PM	None

Construction Noise Exempt During Normal Construction Hours? Yes

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	None	None	None
Construction Vibration	None	None	None
Operation Noise	None	None	None

Discussion/Reference:

Noise and vibration from mobilization activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: North Long Beach

Within Local Conformity Plan: SCAQMD Final 2012 Air Quality Management Plan, 1999

Sensitive Receptor 1: Equestrian facility - 438 feet

Sensitive Receptor 2:

Sensitive Receptor 3:

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	None	Not Significant
Operation Emissions of Criteria Pollutants	Not Significant	None	Not Significant
CEQ's GHG Annual Emission Threshold	None	None	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: Long Beach (82)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Peninsular Ranges

Surface Geological Formation: Quaternary alluvium and marine deposits

USDA Soil Classification: Zamora-Urban land-Ramona

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. The mobile unit will not require a foundation and a geotechnical report will not be necessary.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: Los Angeles

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? Yes

If yes, please explain: Adjacent to retention basin (designated as a wetland) and 0.13 miles from Los Angeles River.

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: Coastal Plain of Los Angeles

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	None	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Limited ground disturbance may be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Urban or Built-up/Ornamental

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan:** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? Yes

If yes, please explain: Retention basin between proposed LTE site and Los Angeles River is designated as a wetlands.

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: No

If yes, please explain: N/A

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	None	None	None
Common Native Wildlife	None	None	None

Discussion/Reference:

The proposed action would occur on previously disturbed areas mapped as urban built-up land/ornamental vegetation type. Wildlife and sensitive species issues and BIO CMR's would not apply to the project except for nesting birds. Prior to construction a nesting bird survey BIO CMR-1 will be conducted if the construction takes place during nesting bird season.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	None	None	None
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	None	None	None
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	None	None	None
California Endangered Species Act (CESA)	None	None	None
California Native Plant Protection Act (NPPA)	None	None	None

Discussion/Reference:

No sensitive species would be affected. The project is located in a completely urbanized area and does not include native vegetation or habitat for sensitive species. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO CMR-1 would preclude impacts to nesting sensitive bird species.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

No impacts to important or critical habitat have been identified as they do not occur in the project area.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: No

If yes, identify the historic property: N/A

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: There is low potential for surface paleontological resources, but moderate/unknown potential for subsurface paleontological resources. The site is mapped as Quaternary Alluvium.

Geological formation with a high potential for vertebrate paleontological resources: Yes

If yes, type of geological formation: The site is mapped as Quaternary Alluvium. Fossils have been found nearby

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	None	None
Native American Resources	None	None	None
Paleontological Resources	Not Significant	Not Significant	None

Discussion/Reference:

CRM CMR 5 is in effect at this site. A records search and field work have been conducted for this site and no historic properties have been identified in the direct or indirect APE. There is low sensitivity for surface and moderate to unknown sensitivity for subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site SCELONG is a minimally developed open space below an existing high-voltage transmission line corridor. The site has been developed with equestrian facilities used by a nearby equestrian business, including pens and rings of varying size. The majority of the site is dirt and flat. A nearby rail transit maintenance facility has rails that cross the southern end of the site, along with equipment storage on a portion of the site. Several small one-story buildings are located at the north end of the site. No formal vegetation exists at the site, however, bushes and small trees are located in various places at the periphery of the site. No building on the site is taller than one story.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

The area surrounding Site SCELONG is urban and developed with a mix of industrial, commercial, and transportation uses, along with open space associated with the Los Angeles River. Industrial uses include an adjacent rail transit maintenance facility, and several large warehouse operations. The channelized Los Angeles River is adjacent to the east side of the site, with a large expanse of open space directly between. I-710 is located to the west on the far side of the maintenance facility. No advantageous viewsheds are located in proximity to the LTE site. The surrounding foliage consists of widely scattered assorted trees and bushes, generally associated with the edge of the freeway and the perimeter areas of nearby parking areas. The open space near the Los Angeles River contains a dense stand of vegetation, including bushes and trees along the edge of a small lake. The maintenance facility appears to be approximately three stories in height. None of the buildings located in the immediate vicinity of the LTE site exceed two stories. Buildings in the vicinity of the site appear to be in fair to good condition.

Visual Character Classification (based on site location): Urban

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

The placement of the site within an existing transmission utility corridor with many lattice transmission line structures, which are larger in height and girth than the monopole on the COW, will attenuate the impacts to

views of the site. No impacts are anticipated.

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: City of Long Beach

General Plan Designation: Rights-of-Way

Zoning: Public Right-of-Way

Comprehensive Plan or
General Plan Local Agency: City of Long Beach

Los Angeles County
Community or Area Plan: Gateway Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: Interstate 710

Distance (Miles): 0.1

Nearest Arterial: Santa Fe Avenue

Distance (Miles): 0.5

Access to the Project Site Provided Via: East 208th Street

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: City of Long Beach

Water Service

Site Served by or has Available Access to Domestic Water System: Long Beach Water Department

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not significant	None	Not significant
Solid Waste (construction)	Not significant	None	Not significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	None	None	None
Water Supply (operation)	None	None	None
Traffic (construction)	Not significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	43.65%	14.05%	0.73%	19.60%	21.97	43.00%
County Jurisdiction	53.30%	8.40%	0.50%	14.20%	23.50%	47.90%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? No

If yes, please explain: N/A

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	60,906	52,711	\$55,909
Families Below Poverty	10.33%	16.4%	17.80%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? No

If yes, please explain: N/A

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? Yes

If yes, please explain: Wells are located within 200 feet of LTE site boundary

Site located within 1,000 feet of a landfill? No

If yes, please explain: Wells are located within 200 feet of LTE site boundary

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? No

If yes, please explain: N/A

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	None	None	None
Methane Hazard	Not Significant	Not Significant	Not Significant
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

The site is located within 200 feet of an oil well. Methane may be present in the subsurface at this location. Subsurface activities will be limited to placement of a fence and trenching for power and fiber. No foundations with structures that would trap methane gas are planned for the site. Any gas that may be present would quickly dissipate into the atmosphere during trenching. All equipment for the site will be on a mobile trailer and no structures will be placed on the ground that could trap methane and result in an explosive hazard. Therefore there is negligible hazard from methane at this site.

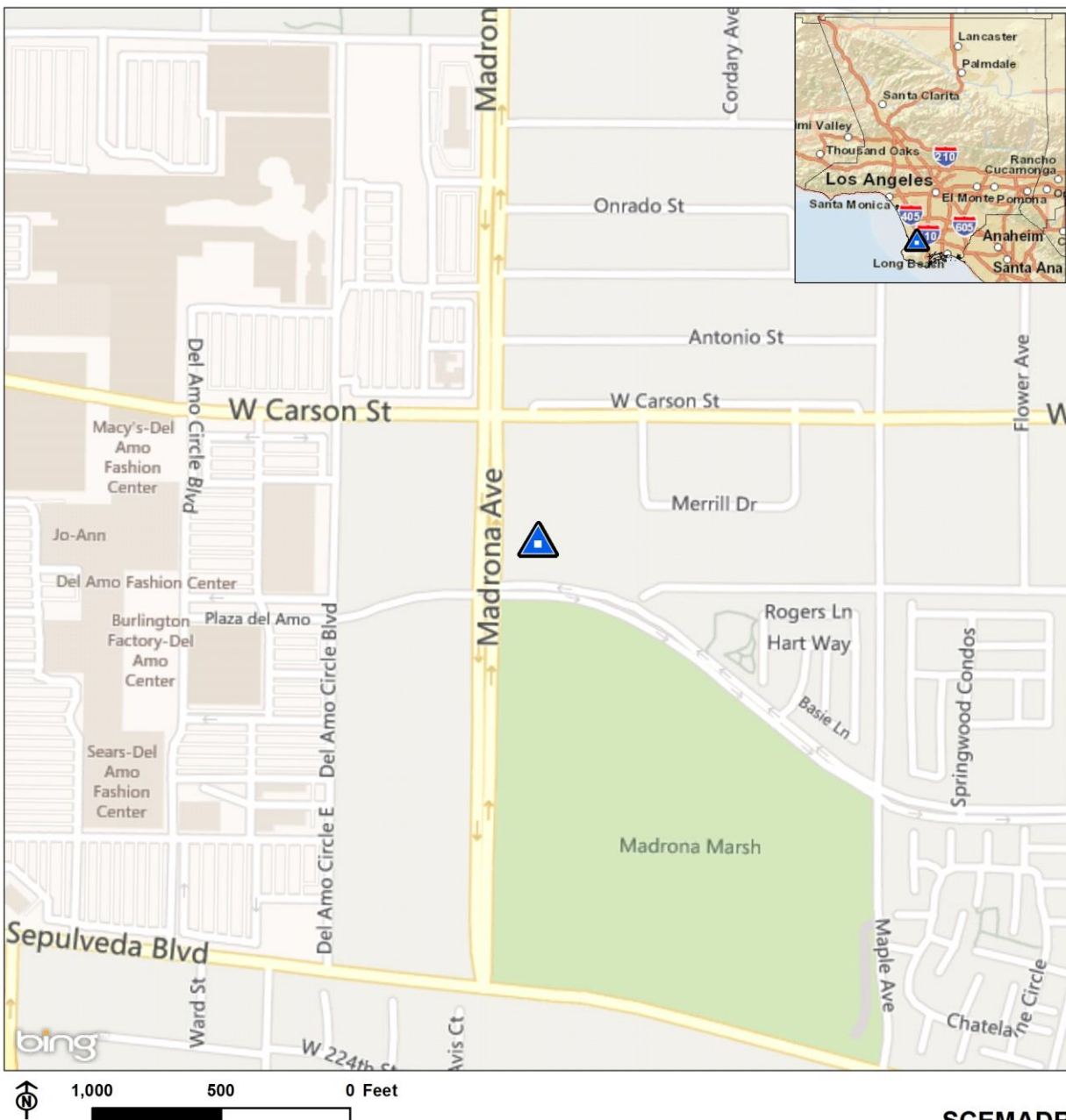
All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

LA-RICS LTE System Appendix B: Supplemental Environmental Assessment

Site ID: SCEMADR

Facility Name: SCE - Madrona Substation

Figure 1. Site Map



 COW LTE Site

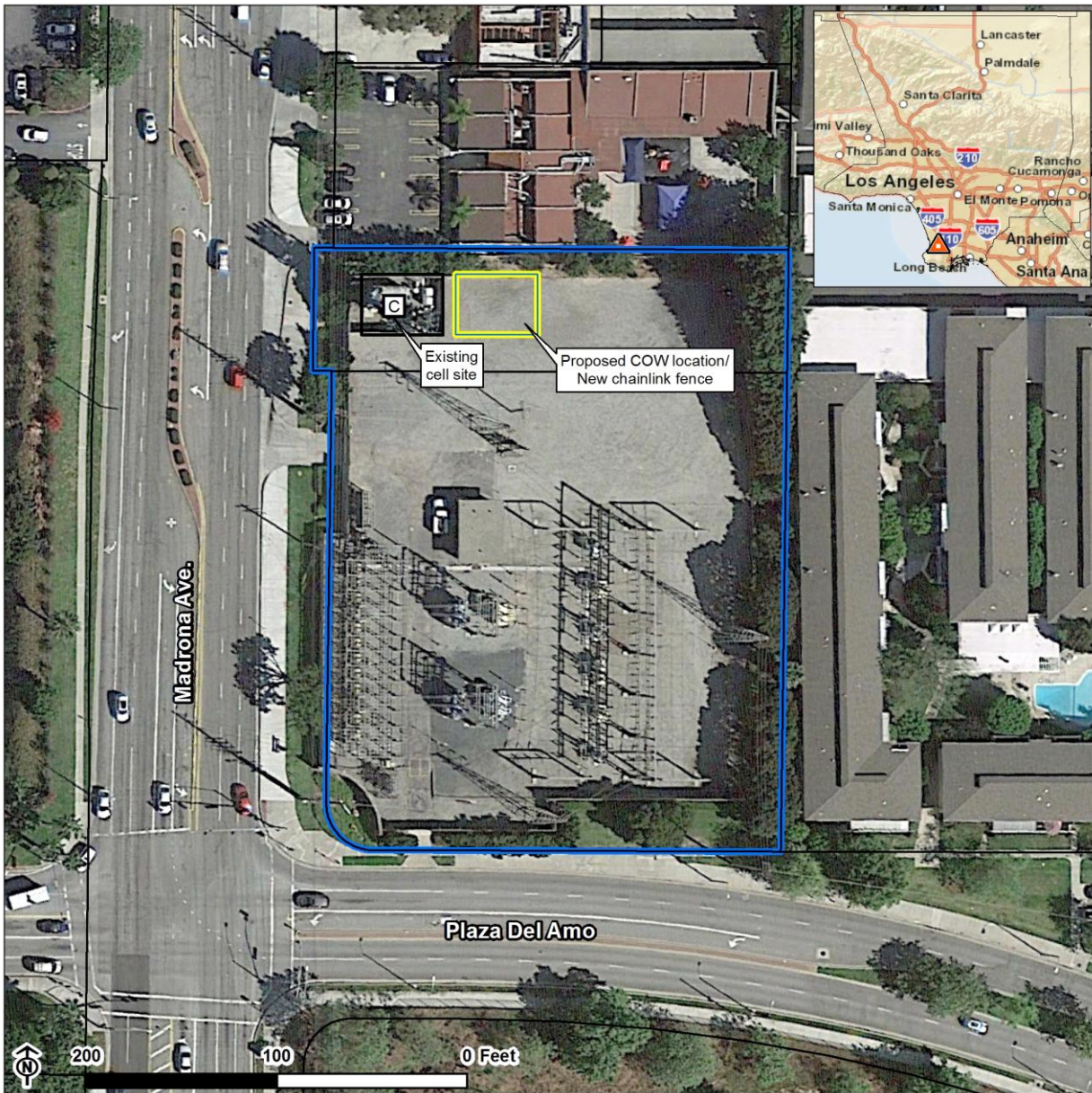
SCEMADR

SCE - Madrona Substation
21760 Madrona Ave.
Torrance, CA 90503

Proposed New Site Coordinates (NAD83):

Latitude: 33.829848
Longitude: -118.344356
Elevation (Feet): 79

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels
Published May 2014
- COW LTE Site Boundary
- Proposed New COW Equipment
- Existing Cell Tower
- Existing Structures and Equipment

SCEMADR

SCE - Madrona Substation
21760 Madrona Ave.
Torrance, CA 90503

Proposed New Site Coordinates (NAD83):

Latitude: 33.829848

Longitude: -118.344356

Elevation (Feet): 79

1.0 PROJECT DESCRIPTION

Site SCEMADR is located within a large SCE substation called the Madrona Substation. The site is located in the City of Torrance within Los Angeles County.

Development of Site SCEMADR would consist of a deployable Cell On Wheels (COW) LTE facility. A COW includes a new telescoping monopole (which would not exceed 85 feet tall with appurtenances and attachments) and all LTE communications and auxiliary equipment and appurtenant equipment (e.g., emergency generator, fuel tank, equipment cabinets, etc.) to support operation of the deployable LTE facility.

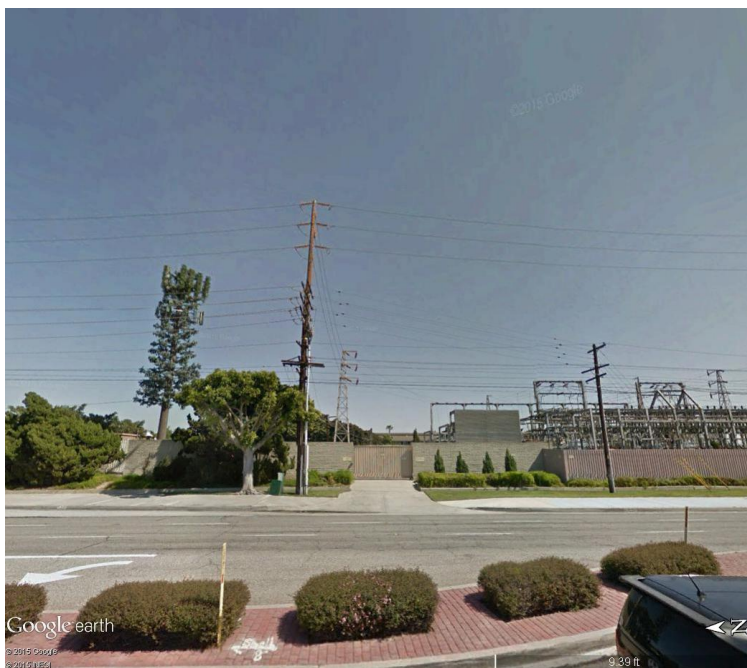
The LTE site boundary (see Figure 2) represents the extent of real property available for parking the COW at LTE site. Construction activities at each COW site include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site. Once a COW trailer is placed in its final position on site, the wheels may be replaced with standards. COW sites would potentially include trenching for power, wall and fencing construction, and placement of grounding equipment. COW sites would require no creation of impervious surfaces, demolition, materials storage or staging or any substantial use of any other construction equipment. COW would be positioned only within the site boundaries.

This site is located within a large substation site. Multi-family residences are located immediately east of the site, and a school is immediately north. Open space, including the Madrona Marsh, is located west and south of the site. The site is located off of Madrona Avenue north of Plaza Del Amo.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: Telescoping Monopole located on COW trailer.

Proposed Tower Height: Up to 70 feet.

Maximum Facility Height: 85 feet

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: COW disturbance would include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site.

Power Requirements: Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel generator with integrated belly tank – attenuated to 65 decibel rating.

No Action Alternative: Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: Yes

Existing Tower Type: Monopole

Onsite Ground Equipment: Yes

Existing Tower Height: Unknown

Existing Generation: Unknown

Existing Onsite Pad: Yes

Existing Backup Power: Unknown

Site Collocated? No

FCC Registration: #

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Electric Substation

Other Existing Onsite Tall Structures: Yes

Existing Ground Elevation (FT AMSL): 84

Type of Other Existing Tall Structures: Electric Transmission
Towers

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Educational Institution Commercial	Open Space	Multi-Family Residential	Open Space

Dominant Vicinity Use: Commercial

Adjacent Residential Use: Yes

Description of Other Visible Towers: Large Lattice Towers

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	N/A
Angeles National Forest	No	N/A
Santa Monica Mountains National Recreation Area	No	N/A
National or California State Park	No	N/A
Airport Influence Area	No	N/A

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



South



East



West



3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: City of Torrance Municipal Code, Chapter 6 Article 6

Ambient Noise Setting: Commercial

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** Yes

**Local Residential Exterior Noise
Exposure Limit:**

**Vibration Sensitive Buildings
Located within 50 feet of Site?** Yes

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: School - 25 feet

Sensitive Noise Receiver #1: Multi-Family Resident - 150 feet

Sensitive Noise Receiver #2: None

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations? No

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:30 am to 6:00 pm	9:00 am to 5:00 pm	None	None

Construction Noise Exempt During Normal Construction Hours? No

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	None	None	None
Construction Vibration	None	None	None
Operation Noise	None	None	None

Discussion/Reference:

Noise and vibration from mobilization activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: Wilmington-1115 N. Mahar Avenue

Within Local Conformity Plan: SCAQMD Final 2012 Air Quality Management Plan, 1999

Sensitive Receptor 1: Apartment Complex - 15 feet

Sensitive Receptor 2: Elementary School - 25 feet

Sensitive Receptor 3:

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	None	None	Not Significant
Operation Emissions of Criteria Pollutants	None	None	None
CEQ's GHG Annual Emission Threshold	None	None	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: Torrance (82)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Peninsular Ranges

Surface Geological Formation: Quaternary alluvium and marine deposits

USDA Soil Classification: Urban land-Sorrento-Hanford

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. The mobile unit will not require a foundation and a geotechnical report will not be necessary.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: San Gabriel

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? Yes

If yes, please explain: Madrona Marsh

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: Coastal Plain of Los Angeles

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	None	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Limited ground disturbance may be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Urban or Built-up/Ornamental

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan:** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? Yes

If yes, please explain: LTE site boundary is within 500 feet of Riverine, Freshwater Forested/Shrub Wetland, Freshwater Emergent Wetland, and Freshwater Pond. Site is across the street from the Madrona Marsh. Madrona marsh is a vernal marsh, a low spot that collects rainwater in the winter.

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: No

If yes, please explain: N/A

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	None	None	None
Common Native Wildlife	None	None	None

Discussion/Reference:

The proposed action would occur in previously disturbed area mapped as urban built-up/ornamental vegetation type. Wildlife and sensitive species issues and BIO CMR's would not apply to the project except for nesting birds. Prior to construction a nesting bird survey BIO CMR-1 will be conducted if the construction takes place during nesting bird season.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	None	None	None
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	None	None	None
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	None	None	None
California Endangered Species Act (CESA)	None	None	None
California Native Plant Protection Act (NPPA)	None	None	None

Discussion/Reference:

No sensitive species would be affected. The project is located in a completely urbanized area and does not include native vegetation or habitat for sensitive species. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO CMR-2 would preclude impacts to nesting sensitive bird species..

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

Physical contact with wetland waters or critical habitat is not expected due to its distance from the site and from site access and no impacts are anticipated to wetlands or critical habitat. Potential impacts to sensitive habitat would be avoided through implementation of CMR's identified for common vegetation and wildlife plus BIO CMR 17 Wetlands and Other Waters.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: No

If yes, identify the historic property: N/A

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: There is moderate potential for surface or subsurface paleontological resources.
The site is mapped as Quaternary Older Alluvium.

Geological formation with a high potential for vertebrate paleontological resources: Yes

If yes, type of geological formation: The site is mapped as Quaternary Older Alluvium. Fossils have been found nearby.

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	None	None
Native American Resources	None	None	None
Paleontological Resources	Not Significant	Not Significant	None

Discussion/Reference:

CRM CMR 5 is in effect at this site. A records search and field work have been conducted for this site and no historic properties have been identified in the direct or indirect APE. There is moderate sensitivity for surface or subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site SCEMADR is a large high-voltage transmission substation, that includes many tall and complex lattice structures. Other equipment within the substation includes transformers, capacitor banks, relays, switches, and circuit breakers. The majority of the site is compacted gravel and flat. One small building is located within the site. The site is enclosed with a tall brick wall. The perimeter of the site is landscaped with grass, shrubs, and trees of varying size. No building on the site is taller than one story.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

The area surrounding Site SCEMADR is urban and developed with a mix of single- and multi-family residential, commercial, educational, and recreation uses. The Madrona Marsh is located adjacent to the south side of the site. No advantageous viewsheds are located in proximity to the LTE site. The Madrona Marsh contains a large amount of native vegetation, including marsh grasses, shrubs, and trees of varying size, including large trees. Additional vegetation in proximity to the site generally includes landscaping at nearby commercial and residential uses, which is dense in some areas and sparse in others. The vegetation appears to primarily consist of grass, trees, and shrubs. Most of the buildings in the vicinity of the site are one- or two-stories tall; however, an office building northwest of the site is six-stories tall. None of the buildings located in the immediate vicinity of the LTE site exceed six stories. Buildings in the vicinity of the site appear to be in fair to good condition.

Visual Character Classification (based on site location): Urban

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

The placement of the site within an existing transmission substation with many lattice transmission line structures, which are larger in height and girth than the monopole on the COW, will attenuate the impacts to views of the site. The monopole will be hidden from views from adjacent road by the existing monopine on site. No impacts are anticipated.

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: City of Torrance

General Plan Designation: General Commercial

Zoning: General Commercial

Comprehensive Plan or
General Plan Local Agency: City of Torrance

Los Angeles County
Community or Area Plan: South Bay Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: Interstate 405

Distance (Miles): 2.6

Nearest Arterial: Madrona Avenue

Distance (Miles): 0

Access to the Project Site Provided Via: Madrona Avenue

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: City of Torrance Sanitation Division

Water Service

Site Served by or has Available Access to Domestic Water System: Torrance Municipal Water Department

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not significant	None	Not significant
Solid Waste (construction)	Not significant	None	Not significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	None	None	None
Water Supply (operation)	None	None	None
Traffic (construction)	Not significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	46.63%	2.98%	0.19%	39.06%	11.15%	15.39%
County Jurisdiction	53.30%	8.40%	0.50%	14.20%	23.50%	47.90%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? Yes

If yes, please explain: Asian Pacific Islander is more than 10% greater

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	80,535	77,061	\$55,909
Families Below Poverty	6.91%	5.5%	17.80%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? Yes

If yes, please explain: 1 permitted UST site located within .25 miles of the LTE site

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? Yes

If yes, please explain: Wells are located within 200 feet of LTE site boundary

Site located within 1,000 feet of a landfill? No

If yes, please explain: Wells are located within 200 feet of LTE site boundary

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? No

If yes, please explain: N/A

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	None	None	None
Methane Hazard	Not Significant	Not Significant	Not Significant
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

The location of the permitted UST is known and will not be encountered during planned project construction activities. The permitted UST is located outside of the project boundary.

The site is located within 200 feet of an oil well. Methane may be present in the subsurface at this location. Subsurface activities will be limited to placement of a fence and trenching for power and fiber. No foundations with structures that would trap methane gas are planned for the site. Any gas that may be present would quickly dissipate into the atmosphere during trenching. All equipment for the site will be on a mobile trailer and no structures will be placed on the ground that could trap methane and result in an explosive hazard. Therefore there is negligible hazard from methane at this site.

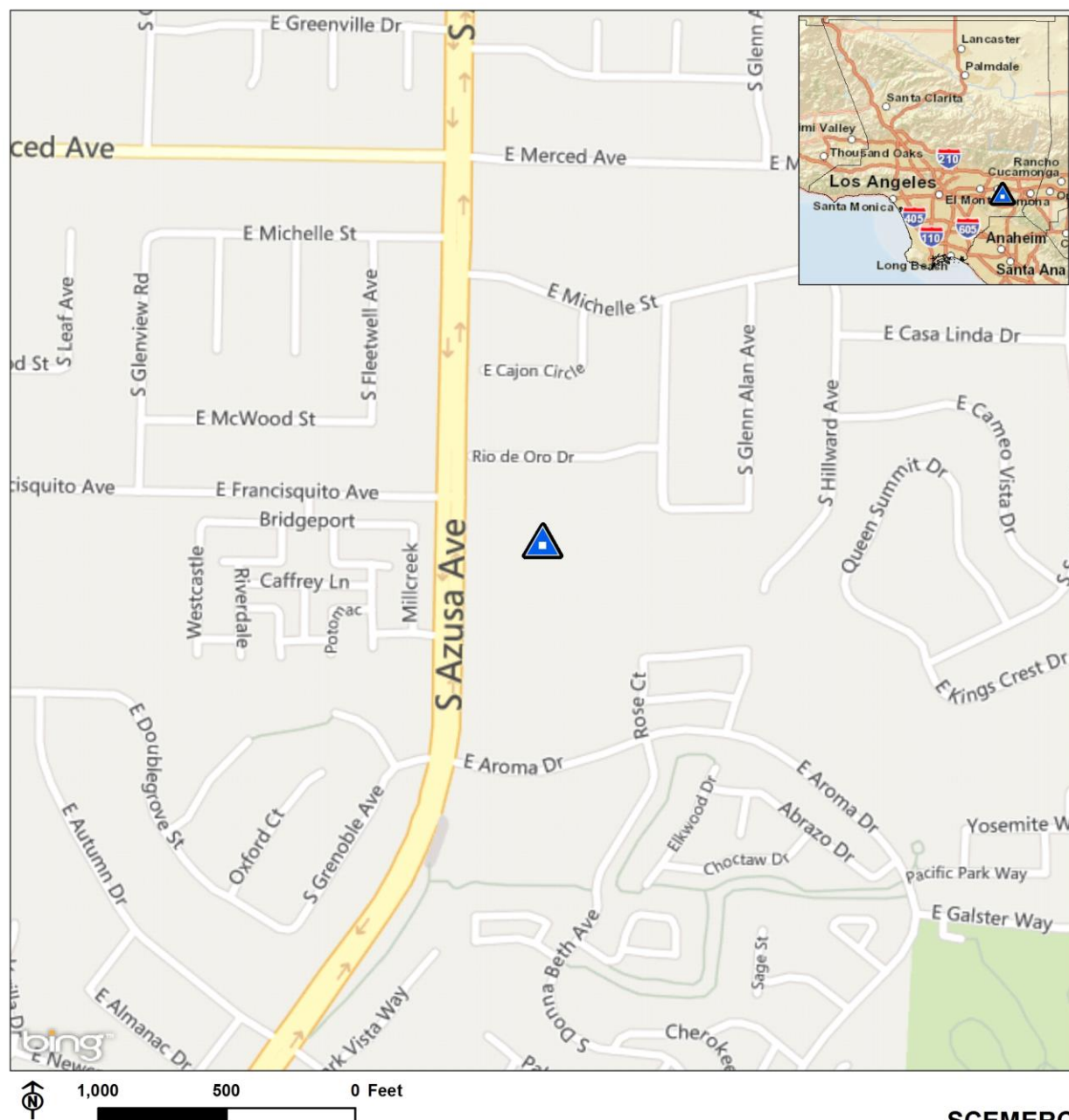
All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

LA-RICS LTE System Appendix B: Supplemental Environmental Assessment

Site ID: SCEMERC

Facility Name: SCE - Merced Substation

Figure 1. Site Map



 COW LTE Site

SCEMERC

SCE - Merced Substation
1347 S. Azusa Ave.
West Covina, CA 91791

Proposed New Site Coordinates (NAD83):

Latitude: 34.049744
Longitude: -117.90683
Elevation (Feet): 510

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels
Published May 2014
- COW LTE Site Boundary
- Proposed New COW Equipment
- Existing Cell Tower
- Existing Structures and Equipment

SCEMERC

SCE - Merced Substation
1408 S. Azusa Ave.
West Covina, CA 91791

Proposed New Site Coordinates (NAD83):

Latitude: 34.049744

Longitude: -117.90683

Elevation (Feet): 510

1.0 PROJECT DESCRIPTION

Site SCEMERC is located within a large SCE substation called the Merced Substation. The site is located in the City of West Covina within Los Angeles County.

Development of Site SCEMERC would consist of a deployable Cell On Wheels (COW) LTE facility. A COW includes a new telescoping monopole (which would not exceed 85 feet tall with appurtenances and attachments) and all LTE communications and auxiliary equipment and appurtenant equipment (e.g., emergency generator, fuel tank, equipment cabinets, etc.) to support operation of the deployable LTE facility.

The LTE site boundary (see Figure 2) represents the extent of real property available for parking the COW at LTE site. Construction activities at each COW site include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site. Once a COW trailer is placed in its final position on site, the wheels may be replaced with standards. COW sites would potentially include trenching for power, wall and fencing construction, and placement of grounding equipment. COW sites would require no creation of impervious surfaces, demolition, materials storage or staging or any substantial use of any other construction equipment. COW would be positioned only within the site boundaries.

This site is located within a large substation site. Single and multi-family residences are located immediately west, north, and east of the site, and a commercial strip mall is located south. The site is located off of Azusa Avenue.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: Telescoping Monopole located on COW trailer.

Proposed Tower Height: Up to 70 feet.

Maximum Facility Height: 85 feet

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: COW disturbance would include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site.

Power Requirements: Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel generator with integrated belly tank – attenuated to 65 decibel rating.

No Action Alternative: Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: Yes

Existing Tower Type: Monopole

Onsite Ground Equipment: Yes

Existing Tower Height: Unknown

Existing Generation: Unknown

Existing Onsite Pad: Yes

Existing Backup Power: Unknown

Site Collocated? No

FCC Registration: #

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Electric Substation

Other Existing Onsite Tall Structures: Yes

Existing Ground Elevation (FT AMSL): 506

Type of Other Existing Tall Structures: Electric Transmission
Towers

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Single-Family Residential	Commercial	Single Family Residential	Multi-Family Residential Commercial

Dominant Vicinity Use: Residential

Adjacent Residential Use: Yes

Description of Other Visible Towers: Large Lattice Towers

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	N/A
Angeles National Forest	No	N/A
Santa Monica Mountains National Recreation Area	No	N/A
National or California State Park	No	N/A
Airport Influence Area	No	N/A

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



South



East



West



3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: City of West Covina Municipal Code, Section 15

Ambient Noise Setting: Residential

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** No

**Local Residential Exterior Noise
Exposure Limit:** 55

**Vibration Sensitive Buildings
Located within 50 feet of Site?** Yes

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: Single-Family Resident - 10 feet

Sensitive Noise Receiver #1: Multi-family resident - 150 feet

Sensitive Noise Receiver #2: Church -1150 feet

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations? No

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00 am to 8:00 pm	7:00 am to 8:00 pm	7:00 am to 8:00 pm	7:00 am to 8:00 pm

Construction Noise Exempt During Normal Construction Hours? Yes

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	None	None	None
Construction Vibration	None	None	None
Operation Noise	None	None	None

Discussion/Reference:

Noise and vibration from mobilization activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: 500 S. 7th Ave. City Of Industry, Ca 91746

Within Local Conformity Plan: SCAQMD Final 2012 Air Quality Management Plan, 1999

Sensitive Receptor 1: Single family home - 20 feet

Sensitive Receptor 2: Single family home - 25 feet

Sensitive Receptor 3: Retail strip mall - 28 feet

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	None	Not Significant
Operation Emissions of Criteria Pollutants	Not Significant	None	Not Significant
CEQ's GHG Annual Emission Threshold	None	None	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: Baldwin Park (82)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Peninsular Ranges

Surface Geological Formation: Quaternary alluvium and marine deposits

USDA Soil Classification: Urban land-Delhi

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. The mobile unit will not require a foundation and a geotechnical report will not be necessary.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: San Gabriel

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? No

If yes, please explain: N/A

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: San Gabriel Valley

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	None	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Limited ground disturbance may be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Urban or Built-up/Ornamental and Ruderal

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan:** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? No

If yes, please explain: N/A

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: No

If yes, please explain: N/A

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	None	None	None
Common Native Wildlife	None	None	None

Discussion/Reference:

The proposed action would occur on previously disturbed areas mapped as urban built-up/ornamental vegetation type. Wildlife and sensitive species issues and BIO CMR's would not apply to the project except for nesting birds. Prior to construction a nesting bird survey BIO CMR-1 will be conducted if the construction takes place during nesting bird seasons. Weed management practices would be undertaken if necessary over the long-term. Implementation of BIO CMR-10 and 11 would preclude impacts from weeds.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	None	None	None
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	None	None	None
Migratory Bird Treaty Act (MBTA)	not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	None	None	None
California Endangered Species Act (CESA)	None	None	None
California Native Plant Protection Act (NPPA)	None	None	None

Discussion/Reference:

No sensitive species would be affected. The project is located in a completely urbanized area and does not include native vegetation or habitat for sensitive species. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO CMR-1 would preclude impacts to nesting sensitive bird species.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

No impacts to important or critical habitat have been identified as they do not occur in the project area.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: No

If yes, identify the historic property: N/A

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: There is moderate potential for surface or subsurface paleontological resources.
The site is mapped as Quaternary Older Alluvium.

Geological formation with a high potential for vertebrate paleontological resources: Yes

If yes, type of geological formation: The site is mapped as Quaternary Older Alluvium. Fossils have been found nearby.

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	None	None
Native American Resources	None	None	None
Paleontological Resources	Not Significant	Not Significant	None

Discussion/Reference:

CRM CMR 5 is in effect at this site. A records search and field work have been conducted for this site and no historic properties have been identified in the direct or indirect APE. There is moderate sensitivity for surface or subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site SCEMERC is a large high-voltage transmission substation, that includes many tall and complex lattice structures. Other equipment within the substation includes transformers, capacitor banks, relays, switches, and circuit breakers. The majority of the site is compacted gravel and flat, with a portion of the site largely undeveloped. One small building is located within the site. The site is enclosed on the west side (the side facing the street) with a tall masonry wall. The perimeter of the developed portion of the site is landscaped with grass, shrubs, and trees of varying size. The undeveloped portion of the site contains grasses and occasional large trees. No building on the site is taller than one story.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

The area surrounding Site SCEMERC is urban and developed with a mix of up to three story single- and multi-family residential, and commercial uses. An advantageous viewshed may be present for a residence east of the site located on a hilltop. Vegetation in proximity to the site is primarily associated with residences and commercial properties. The vegetation consists of grass and an assortment of shrubs and trees of varying size, including large trees. The hilltop located east of the site is densely covered in vegetation including grasses and trees. None of the buildings located in the immediate vicinity of the LTE site exceed three stories. Buildings in the vicinity of the site appear to be in fair to good condition.

Visual Character Classification (based on site location): Urban

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

The placement of the site adjacent to an existing transmission substation with many lattice transmission line structures, which are larger in height and girth than the monopole on the COW, will attenuate the impacts to views of the site. No impacts are anticipated.

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: City of West Covina

General Plan Designation: Service and Neighborhood Commercial

Zoning: Residential Single Family

Comprehensive Plan or
General Plan Local Agency: City of West Covina

Los Angeles County
Community or Area Plan: East San Gabriel Valley Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	Not Significant	None	Not Significant

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: Interstate 10

Distance (Miles): 1.5

Nearest Arterial: Azusa Avenue

Distance (Miles): 0

Access to the Project Site Provided Via: Azusa Avenue

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: Athens Services

Water Service

Site Served by or has Available Access to Domestic Water System: Suburban Water Systems

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not significant	None	Not significant
Solid Waste (construction)	Not significant	None	Not significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	None	None	None
Water Supply (operation)	None	None	None
Traffic (construction)	Not significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	41.07%	6.25%	0.22%	24.27%	28.20%	54.05%
County Jurisdiction	53.30%	8.40%	0.50%	14.20%	23.50%	47.90%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? Yes

If yes, please explain: Asian Pacific Islander is more than 10% greater. Hispanic/Latino is greater than 50%

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	80,411	67,088	\$55,909
Families Below Poverty	5.65%	7.3%	17.80%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? Yes

If yes, please explain: 1 closed LUST cleanup site is located within .25 miles of the LTE site

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? No

If yes, please explain: N/A

Site located within 1,000 feet of a landfill? No

If yes, please explain: N/A

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? No

If yes, please explain: N/A

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	None	None	None
Methane Hazard	None	None	None
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

The identified closed LUST site is located outside of the planned project activities within the designated polygon for the site. Any potentially residual impacted soil or groundwater will not be encountered during planning ground disturbing activities. Planned ground disturbing activities include shallow excavation for trenching that will not encounter groundwater and there is no indication that potential residually impacted soil from the closed LUST site extends to within the planned project boundary.

All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

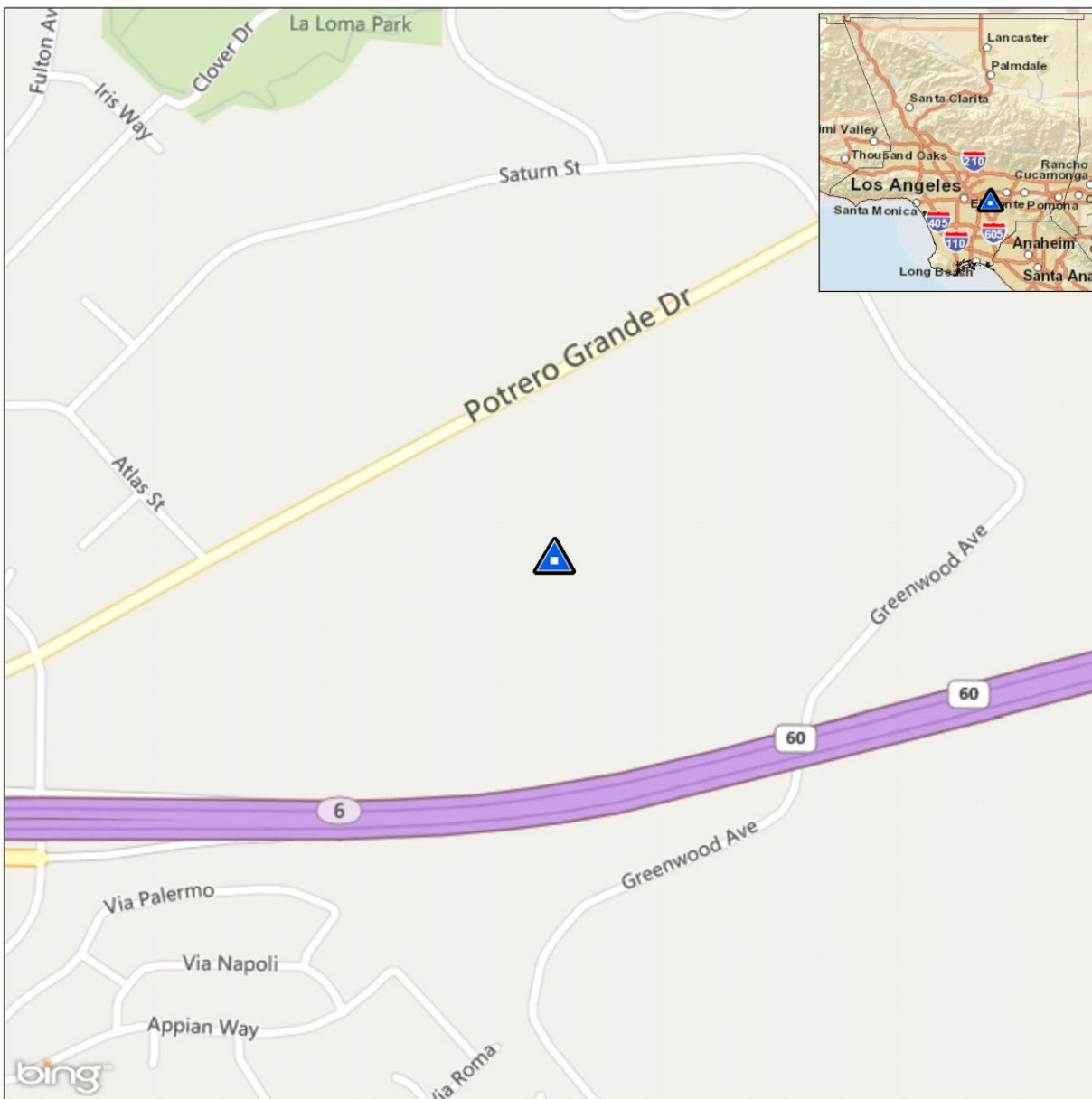
LA-RICS LTE System

Appendix B: Supplemental Environmental Assessment

Site ID: SCEMESA

Facility Name: SCE - Mesa Substation

Figure 1. Site Map



 COW LTE Site

SCEMESA

SCE - Mesa Substation
700 Potrero Grande Dr.
Monterey Park, CA 91755

Proposed New Site Coordinates (NAD83):

Latitude: 34.036083
Longitude: -118.111634
Elevation (Feet): 335

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels
Published May 2014
- COW LTE Site Boundary
- Proposed New COW Equipment
- Existing Cell Tower

SCEMESA

SCE - Mesa Substation
Potrero Grande Dr.
Monterey Park, CA 91755

Proposed New Site Coordinates (NAD83):

Latitude: 34.036083

Longitude: -118.111634

Elevation (Feet): 335

1.0 PROJECT DESCRIPTION

Site SCEMESA is located within a large SCE substation called the Mesa Substation. The site is located in the City of Monterey Park within Los Angeles County.

Development of Site SCEMESA would consist of a deployable Cell On Wheels (COW) LTE facility. A COW includes a new telescoping monopole (which would not exceed 85 feet tall with appurtenances and attachments) and all LTE communications and auxiliary equipment and appurtenant equipment (e.g., emergency generator, fuel tank, equipment cabinets, etc.) to support operation of the deployable LTE facility.

The LTE site boundary (see Figure 2) represents the extent of real property available for parking the COW at LTE site. Construction activities at each COW site include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site. Once a COW trailer is placed in its final position on site, the wheels may be replaced with standards. COW sites would potentially include trenching for power, wall and fencing construction, and placement of grounding equipment. COW sites would require no creation of impervious surfaces, demolition, materials storage or staging or any substantial use of any other construction equipment. COW would be positioned only within the site boundaries.

This site is located within a large substation site, that is within a business and commercial park. Single-family residences are located northwest of the site. The site is located between SR 60 and Potrero Grande Drive. Additional single-family residences are located south of the site on the other side of SR 60.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: Telescoping Monopole located on COW trailer.

Proposed Tower Height: Up to 70 feet.

Maximum Facility Height: 85 feet

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: COW disturbance would include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site.

Power Requirements: Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel generator with integrated belly tank – attenuated to 65 decibel rating.

No Action Alternative: Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: Yes

Existing Tower Type: Monopole

Onsite Ground Equipment: Yes

Existing Tower Height: Unknown

Existing Generation: Unknown

Existing Onsite Pad: Yes

Existing Backup Power: Unknown

Site Collocated? No

FCC Registration: #

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Electric Substation

Other Existing Onsite Tall Structures: Yes

Existing Ground Elevation (FT AMSL): 340

Type of Other Existing Tall Structures: Electric Transmission
Towers

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Commercial And Services	Transportation Open Space and Recreation	Commercial And Services	Commercial And Services

Dominant Vicinity Use: Commercial And Services

Adjacent Residential Use: No

Description of Other Visible Towers: Large Lattice Towers

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	N/A
Angeles National Forest	No	N/A
Santa Monica Mountains National Recreation Area	No	N/A
National or California State Park	No	N/A
Airport Influence Area	No	N/A

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



South



East



West



3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: City of Monterey Park Municipal Code, Chapter 9.53

Ambient Noise Setting: Urban

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** No

**Local Residential Exterior Noise
Exposure Limit:** 55

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: Single-Family Resident - 350 feet

Sensitive Noise Receiver #1: None

Sensitive Noise Receiver #2: None

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations? Yes

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00 am to 7:00 pm	9:00 am to 6:00 pm	9:00 am to 6:00 pm	9:00 am to 6:00 pm

Construction Noise Exempt During Normal Construction Hours? Yes

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	None	None	None
Construction Vibration	None	None	None
Operation Noise	None	None	None

Discussion/Reference:

Noise and vibration from mobilization activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: 4144 San Gabriel River Pkwy, Pico Rivera

Within Local Conformity Plan: SCAQMD Final 2012 Air Quality Management Plan, 1999

Sensitive Receptor 1: Medical Facility - 278 feet

Sensitive Receptor 2: Single family home - 343 feet

Sensitive Receptor 3:

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	None	Not Significant
Operation Emissions of Criteria Pollutants	Not Significant	None	Not Significant
CEQ's GHG Annual Emission Threshold	None	None	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: El Monte (82)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Peninsular Ranges

Surface Geological Formation: Quaternary alluvium and marine deposits; Miocene marine rocks

USDA Soil Classification: Zamora-Urban land-Ramona

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. The mobile unit will not require a foundation and a geotechnical report will not be necessary.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: Los Angeles

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? No

If yes, please explain: N/A

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: Coastal Plain of Los Angeles

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	None	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Limited ground disturbance may be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Urban or Built-up/Ornamental

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan:** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? No

If yes, please explain: N/A

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: No

If yes, please explain: N/A

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	None	None	None
Common Native Wildlife	None	None	None

Discussion/Reference:

The proposed action would occur on previously disturbed areas mapped as urban built-up/ornamental vegetation type. Wildlife and sensitive species issues and BIO CMR's would not apply to the project except for nesting birds. Prior to construction a nesting bird survey BIO CMR-1 will be conducted if the construction takes place during nesting bird season. Weed management practices would be undertaken if necessary over the long term. Implementation of BIO CMR 10 and 11 would preclude impacts from weeds.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	None	None	None
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	None	None	None
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	None	None	None
California Endangered Species Act (CESA)	None	None	None
California Native Plant Protection Act (NPPA)	none	none	None

Discussion/Reference:

No sensitive species would be affected. The project is located in a completely urbanized area and does not include native vegetation or habitat for sensitive species. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO CMR 1 would preclude impacts to nesting sensitive bird species.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

No impacts to important or critical habitat have been identified as they do not occur in the project area.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: No

If yes, identify the historic property: N/A

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: There is high potential for surface or subsurface paleontological resources. The site is mapped almost entirely as Fernando Formation.

Geological formation with a high potential for vertebrate paleontological resources: Yes

If yes, type of geological formation: The site is mapped almost entirely as Fernando Formation. Fossils have been found nearby.

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	None	None
Native American Resources	None	None	None
Paleontological Resources	None	None	None

Discussion/Reference:

CRM CMR 5 is in effect at this site. A records search and field work have been conducted for this site and no historic properties have been identified in the direct or indirect APE. There is high sensitivity for surface or subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site SCEMESA is a large high-voltage transmission substation, that includes many tall and complex lattice structures. Other equipment within the substation includes transformers, capacitor banks, relays, switches, and circuit breakers. The site is also crisscrossed by a number of large transmission lines and dirt access roads. The majority of the site is compacted gravel or paved and flat, with a portion of the site largely undeveloped. A number of one-storey buildings are on the site, including offices, sheds, and a maintenance bay. Perimeter areas, including interior perimeters, of the developed portion of the site is landscaped with grass, shrubs, and trees of varying size. The undeveloped portion of the site contains grasses and occasional large trees. No building on the site is taller than one story.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

The area surrounding Site SCEMESA is urban and developed with a mix of residential, commercial, agricultural, and quasi-public uses, along with a high-voltage transmission utility corridor. Single-family residences are the dominant use in the vicinity of the site, with residential areas west and south of the site. No advantageous viewsheds exist in proximity to the site. Vegetation in proximity to the site is primarily associated with residences and commercial properties. The vegetation consists of grass and an assortment of shrubs and trees of varying size, including large trees. The cemetery located east of the site is landscaped with grass and trees of varying size. None of the buildings located in the immediate vicinity of the LTE site exceed four stories. SR 60 is located immediately adjacent to the south of the site. Buildings in the vicinity of the site appear to be in fair to good condition.

Visual Character Classification (based on site location): Urban

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

The placement of the site within an existing transmission substation with many lattice transmission line structures, which are larger in height and girth than the monopole on the COW, will attenuate the impacts to

views of the site. No impacts are anticipated.

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: City of Monterey Park

General Plan Designation: Commercial

Zoning: Regional Specialty Center with Planned Development Overlay

Comprehensive Plan or
General Plan Local Agency: City of Monterey Park

Los Angeles County
Community or Area Plan: West San Gabriel Valley Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: Pomona Freeway

Distance (Miles): 0.1

Nearest Arterial: Potrero Grande Drive

Distance (Miles): 0

Access to the Project Site Provided Via: Potrero Grande Drive

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: Athens Services

Water Service

Site Served by or has Available Access to Domestic Water System: City of Monterey Park Water Utility Division

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not significant	None	Not significant
Solid Waste (construction)	Not significant	None	Not significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	None	None	None
Water Supply (operation)	None	None	None
Traffic (construction)	Not significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	46.60%	0.74%	0.35%	36.02%	16.29%	50.34%
County Jurisdiction	53.30%	8.40%	0.50%	14.20%	23.50%	47.90%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? Yes

If yes, please explain: Asian Pacific Islander is more than 10% greater. Hispanic/Latino is greater than 50%

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	63,576	56,014	\$55,909
Families Below Poverty	7.33%	10.4%	17.80%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? Yes

If yes, please explain: Operating Industries Incorporated

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? Yes

If yes, please explain: 3 permitted UST sites, 4 closed LUST cleanup sites, and 1 open LUST cleanup site are located within .25 miles of the LTE site

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? Yes

If yes, please explain: Wells are located within 200 feet of LTE site boundary

Site located within 1,000 feet of a landfill? Yes

If yes, please explain: Wells are located within 200 feet of LTE site boundary

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? No

If yes, please explain: N/A

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	None	None	None
Methane Hazard	Not Significant	Not Significant	Not Significant
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

The site is located within 200 feet of an oil well. Methane may be present in the subsurface at this location. Subsurface activities will be limited to placement of a fence and trenching for power and fiber. No foundations with structures that would trap methane gas are planned for the site. Any gas that may be present would quickly dissipate into the atmosphere during trenching. All equipment for the site will be on a mobile trailer and no structures will be placed on the ground that could trap methane and result in an explosive hazard. Therefore there is negligible hazard from methane at this site.

The location of the 3 permitted UST sites is known; all are outside of the planned project boundary and will not be encountered during project construction activities. The 4 closed LUST sites have meet regulatory standards for closure and there is no indication that any potential residual impacted soil or groundwater is present. The open LUST case is located to the east of the project site. Reports indicate that only soil has been impacted in the immediate vicinity of the site which does not extend into the project boundary.

The NPL site is a closed landfill with the remedy in place that controls methane gas leachate and the groundwater is being monitored for natural attenuation. The NPL site northern boundary is approximately 50 feet southeast of the eastern boundary of proposed project boundary for the site. Planned project activities will not encounter any impacted soil or groundwater associated with the NPL site.

All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

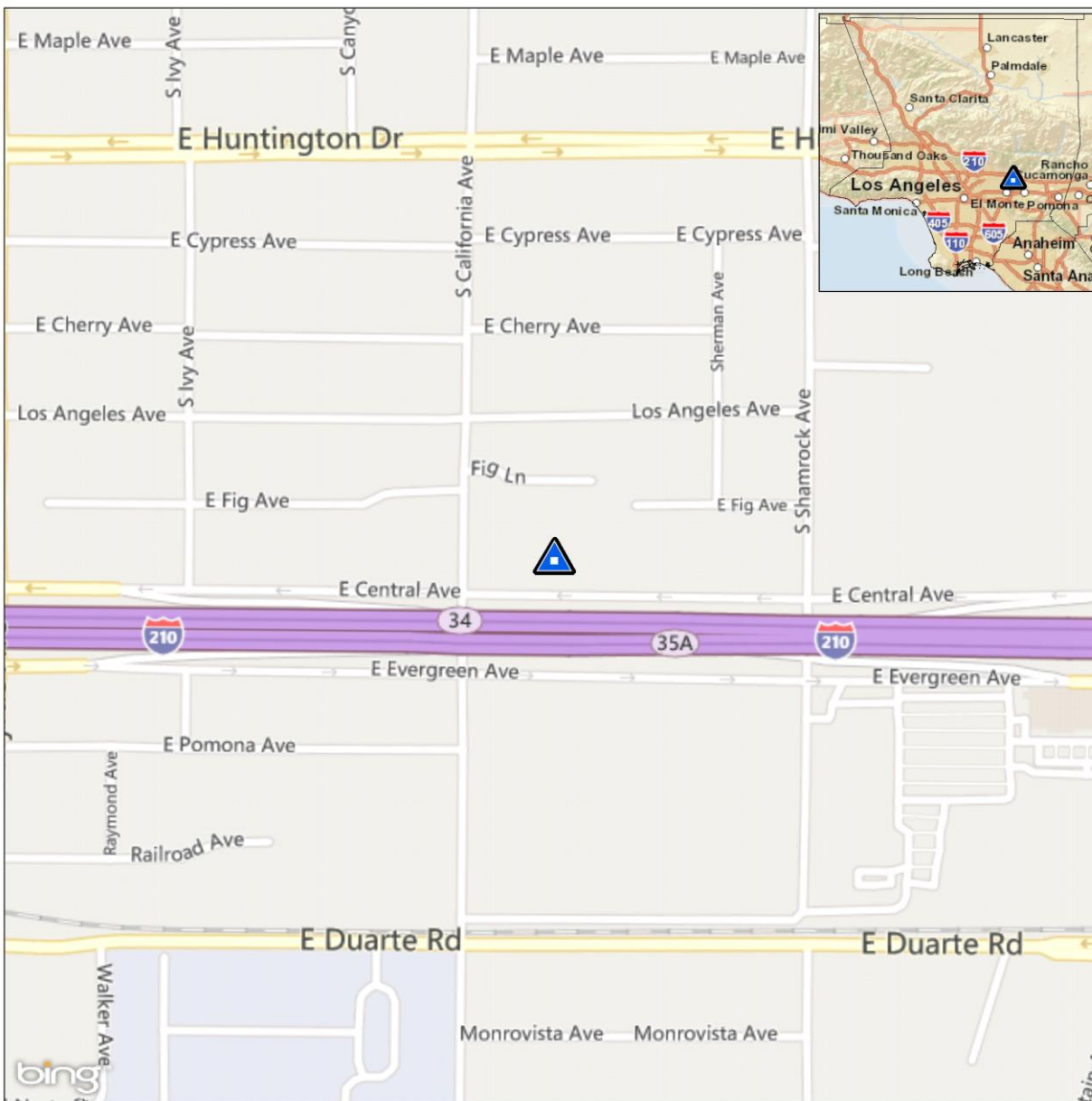
LA-RICS LTE System

Appendix B: Supplemental Environmental Assessment

Site ID: SCEMNRV

Facility Name: SCE - Monrovia Service Center

Figure 1. Site Map



1,000 500 0 Feet

 COW LTE Site

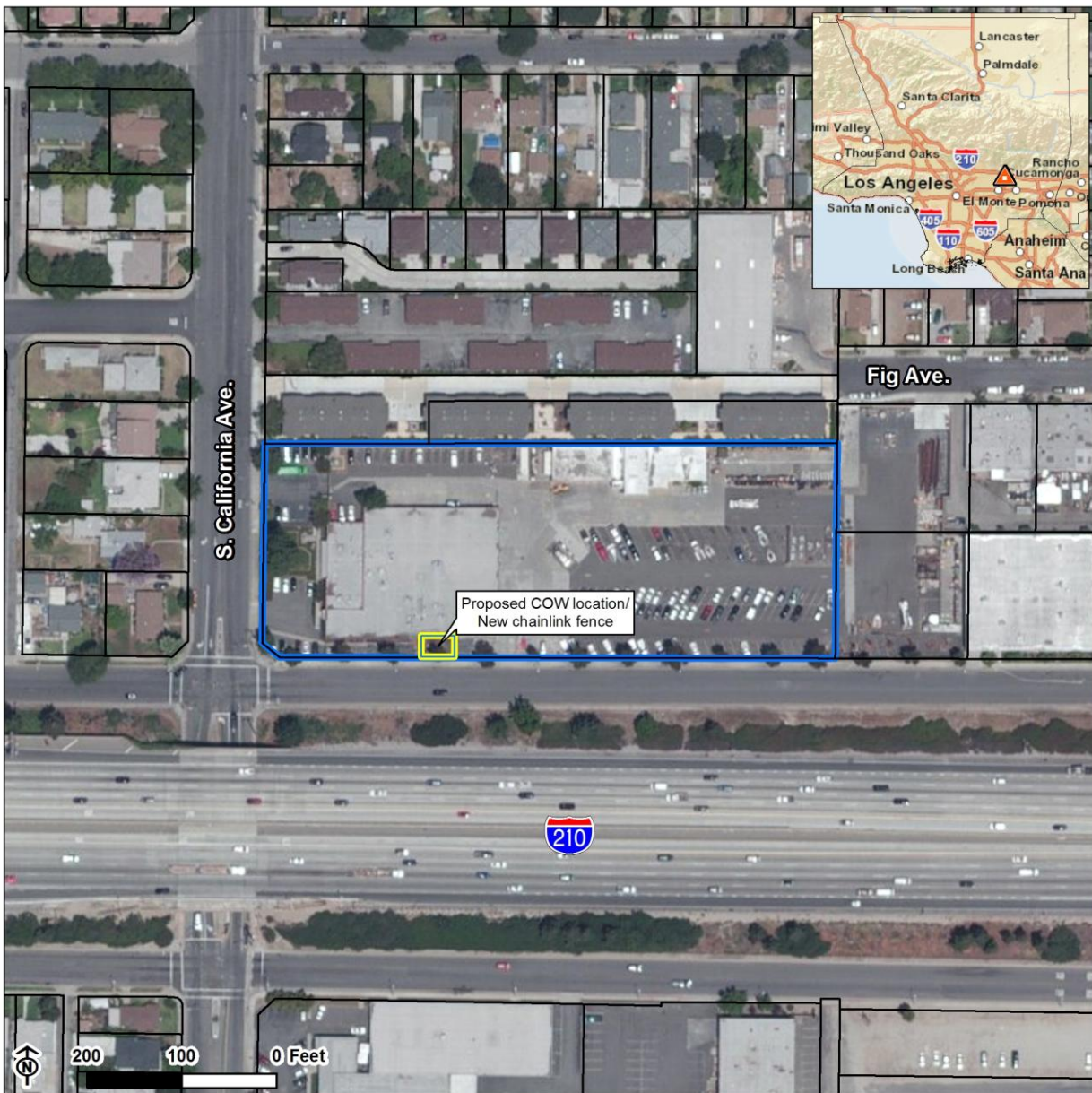
SCEMNRV

SCE - Monrovia Service Center
1440 S. California Ave.
Monrovia, CA 91016

Proposed New Site Coordinates (NAD83):

Latitude: 34.136276
Longitude: -117.993909
Elevation (Feet): 485

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels
Published May 2014
- COW LTE Site Boundary
- Proposed New COW Equipment

SCEMNRV

SCE - Monrovia Service Center
1440 S. California Ave.
Monrovia, CA 91016

Proposed New Site Coordinates (NAD83):

Latitude: 34.136276

Longitude: -117.993909

Elevation (Feet): 485

1.0 PROJECT DESCRIPTION

Site SCEMNRV is located within the SCE Monrovia Service Center, consisting of buildings and a parking area. The site is located in the City of Monrovia within Los Angeles County.

Development of Site SCEMNRV would consist of a deployable Cell On Wheels (COW) LTE facility. A COW includes a new telescoping monopole (which would not exceed 85 feet tall with appurtenances and attachments) and all LTE communications and auxiliary equipment and appurtenant equipment (e.g., emergency generator, fuel tank, equipment cabinets, etc.) to support operation of the deployable LTE facility.

The LTE site boundary (see Figure 2) represents the extent of real property available for parking the COW at LTE site. Construction activities at each COW site include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site. Once a COW trailer is placed in its final position on site, the wheels may be replaced with standards. COW sites would potentially include trenching for power, wall and fencing construction, and placement of grounding equipment. COW sites would require no creation of impervious surfaces, demolition, materials storage or staging or any substantial use of any other construction equipment. COW would be positioned only within the site boundaries.

This site is located within an SCE service center, which is primarily industrial in use. Single- and multi-family residences are located west and north of the site. Industrial uses are located east of the site. I-210 is located immediately south of the site.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: Telescoping Monopole located on COW trailer.

Proposed Tower Height: Up to 70 feet.

Maximum Facility Height: 85 feet

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: COW disturbance would include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site.

Power Requirements: Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel generator with integrated belly tank – attenuated to 65 decibel rating.

No Action Alternative: Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: No

Existing Tower Type: N/A

Onsite Ground Equipment: N/A

Existing Tower Height: N/A

Existing Generation: N/A

Existing Onsite Pad: No

Existing Backup Power: Unknown

Site Collocated? No

FCC Registration: #

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Industrial

Other Existing Onsite Tall Structures: None

Existing Ground Elevation (FT AMSL): 486

Type of Other Existing Tall Structures: N/A

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Multi-Family Residential	Transportation	Industrial	Single-Family Residential

Dominant Vicinity Use: Industrial

Adjacent Residential Use: Yes

Description of Other Visible Towers: N/A

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	N/A
Angeles National Forest	No	N/A
Santa Monica Mountains National Recreation Area	No	N/A
National or California State Park	No	N/A
Airport Influence Area	No	N/A

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

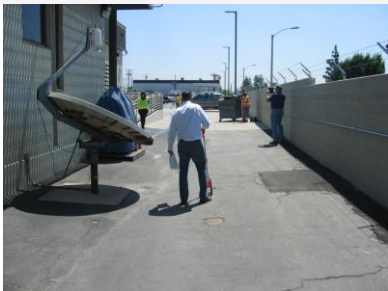
North



South



East



West



3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: City of Monrovia Municipal Code, Section 9.44

Ambient Noise Setting: Urban

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** No

**Local Residential Exterior Noise
Exposure Limit:** 55

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: Single-Family resident - 110 feet

Sensitive Noise Receiver #1: Multi-Family resident - 25 feet

Sensitive Noise Receiver #2: None

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations? Yes

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00 am to 7:00 pm	9:00 am to 6:00 pm	9:00 am to 6:00 pm	9:00 am to 6:00 pm

Construction Noise Exempt During Normal Construction Hours? Yes

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	None	None	None
Construction Vibration	None	None	None
Operation Noise	None	None	None

Discussion/Reference:

Noise and vibration from mobilization activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: Azusa

Within Local Conformity Plan: SCAQMD Final 2012 Air Quality Management Plan, 1999

Sensitive Receptor 1: Apartment complex - 15 feet

Sensitive Receptor 2: Single family home - 80 feet

Sensitive Receptor 3:

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	None	Not Significant
Operation Emissions of Criteria Pollutants	Not Significant	None	Not Significant
CEQ's GHG Annual Emission Threshold	None	None	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: Azusa (75)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Peninsular Ranges

Surface Geological Formation: Marine Pliocene sandstone, siltstone, shale, and conglomerate

USDA Soil Classification: Zamora-Urban land-Ramona

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. The mobile unit will not require a foundation and a geotechnical report will not be necessary.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: Los Angeles

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? No

If yes, please explain: N/A

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: San Gabriel Valley

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	None	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Limited ground disturbance may be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Urban or Built-up/ Ornamental

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? No

If yes, please explain: N/A

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: No

If yes, please explain: N/A

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	None	None	None
Common Native Wildlife	None	None	None

Discussion/Reference:

The proposed action would occur on a previously disturbed area mapped as urban built-up/ ornamental vegetation type. Wildlife and sensitive species issues and BIO CMR's would not apply to the project except for nesting birds. Prior to construction a nesting bird survey BIO CMR 1 will be conducted if the construction takes place during nesting bird season. Weed management practices would be undertaken if necessary over the long-term. Implementation of BIO CMR's 10 and 11 would preclude impacts from weeds.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	None	None	None
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	None	None	None
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	None	None	None
California Endangered Species Act (CESA)	None	None	None
California Native Plant Protection Act (NPPA)	None	None	None

Discussion/Reference:

No sensitive species would be affected. The project is located in a completely urbanized area and does not include native vegetation or habitat for sensitive species. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO CMR-1 would preclude impacts to nesting sensitive bird species.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

No impacts to important or critical habitat have been identified, as they do not occur in the project area.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: Yes

If yes, identify the historic property: This property is the Uriah Zimmerman House, which was built in 1887.

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: There is low potential for surface paleontological resources, but moderate/unknown potential for subsurface paleontological resources. The site is mapped as Quaternary Alluvium.

Geological formation with a high potential for vertebrate paleontological resources: Yes

If yes, type of geological formation: The site is mapped as Quaternary Alluvium. Fossils have been found nearby.

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	Not Significant	None
Native American Resources	None	None	None
Paleontological Resources	Not Significant	Not Significant	Not Significant

Discussion/Reference:

CRM CMR 5 is in effect at this site. A records search and field work have been conducted for this site and no historic properties have been identified in the direct APE. One historic property (architectural) has been identified in the indirect APE. Impacts on the historic property within the indirect APE (an 1887 residence) are not significant. The dwelling is situated approximately .49 miles from the direct APE and the new antenna would not be visible due to the urban landscape and intervening distance. There is low sensitivity for surface and moderate

to unknown sensitivity for subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site SCEMNRV is a maintenance and service facility for SCE. The majority of the site is paved and flat. Two one-story buildings are present, including offices and a maintenance bay. The remainder of the site is parking and storage areas. The site is devoid of vegetation except at the western end where a small amount of landscaping, including grass, shrubs, and trees, are present. No building on the site is taller than one story.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

The area surrounding Site SCEMNRV is urban and developed with a mix of residential, commercial, and industrial uses. One and two storey single- and multi-family residences are the dominant use in the vicinity of the site, with residential areas north and west of the site. Industrial and commercial uses are located north and east of the site. I-210 is located immediately adjacent to the south side of the site. No advantageous viewsheds exist in proximity to the site. Vegetation in proximity to the site is widely scattered, and is primarily associated with residences and the edge of the interstate. The vegetation consists of grass and an assortment of shrubs and trees of varying size, including large trees. None of the buildings located in the immediate vicinity of the LTE site exceed two stories. Buildings in the vicinity of the site appear to be in fair to good condition.

Visual Character Classification (based on site location): Urban

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

The COW site is within the walled area of an existing SCE Service and Maintenance yard, that includes several modern and regular industrial buildings and service bays. Although the site does not include existing tall structures, adjacent utility and street light monopoles have already introduced tall vertical elements into the industrial viewshed. No impacts are anticipated.

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: City of Monrovia

General Plan Designation: Manufacturing

Zoning: Manufacturing

Comprehensive Plan or
General Plan Local Agency: City of Monrovia

Los Angeles County
Community or Area Plan: West San Gabriel Valley Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: Interstate 210

Distance (Miles): 0.1

Nearest Arterial: Huntington Drive

Distance (Miles): 0.3

Access to the Project Site Provided Via: Central Avenue

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: Athens Services

Water Service

Site Served by or has Available Access to Domestic Water System: City of Monrovia

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not significant	None	Not significant
Solid Waste (construction)	Not significant	None	Not significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	None	None	None
Water Supply (operation)	None	None	None
Traffic (construction)	Not significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	50.15%	7.04%	0.63%	13.36%	28.81%	51.05%
County Jurisdiction	53.30%	8.40%	0.50%	14.20%	23.50%	47.90%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? Yes

If yes, please explain: Hispanic/Latino is greater than 50%

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	62,116	71,768	\$55,909
Families Below Poverty	10.27%	7.20%	17.80%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? Yes

If yes, please explain: 2 permitted UST sites and 3 closed LUST cleanup sites are located within .25 miles of the LTE site

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? No

If yes, please explain: N/A

Site located within 1,000 feet of a landfill? No

If yes, please explain: N/A

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? No

If yes, please explain: N/A

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	None	None	None
Methane Hazard	None	None	None
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

The identified permitted UST sites and the closed LUST site are located outside of the planned project activities within the designated polygon for the site. The location of the permitted USTs are known and will not be encountered. Any potentially residual impacted soil or groundwater will not be encountered during planning ground disturbing activities. Planned ground disturbing activities include shallow excavation for trenching that will not encounter groundwater and there is no indication that potential residually impacted soil from the closed LUST sites extend to within the planned project boundary.

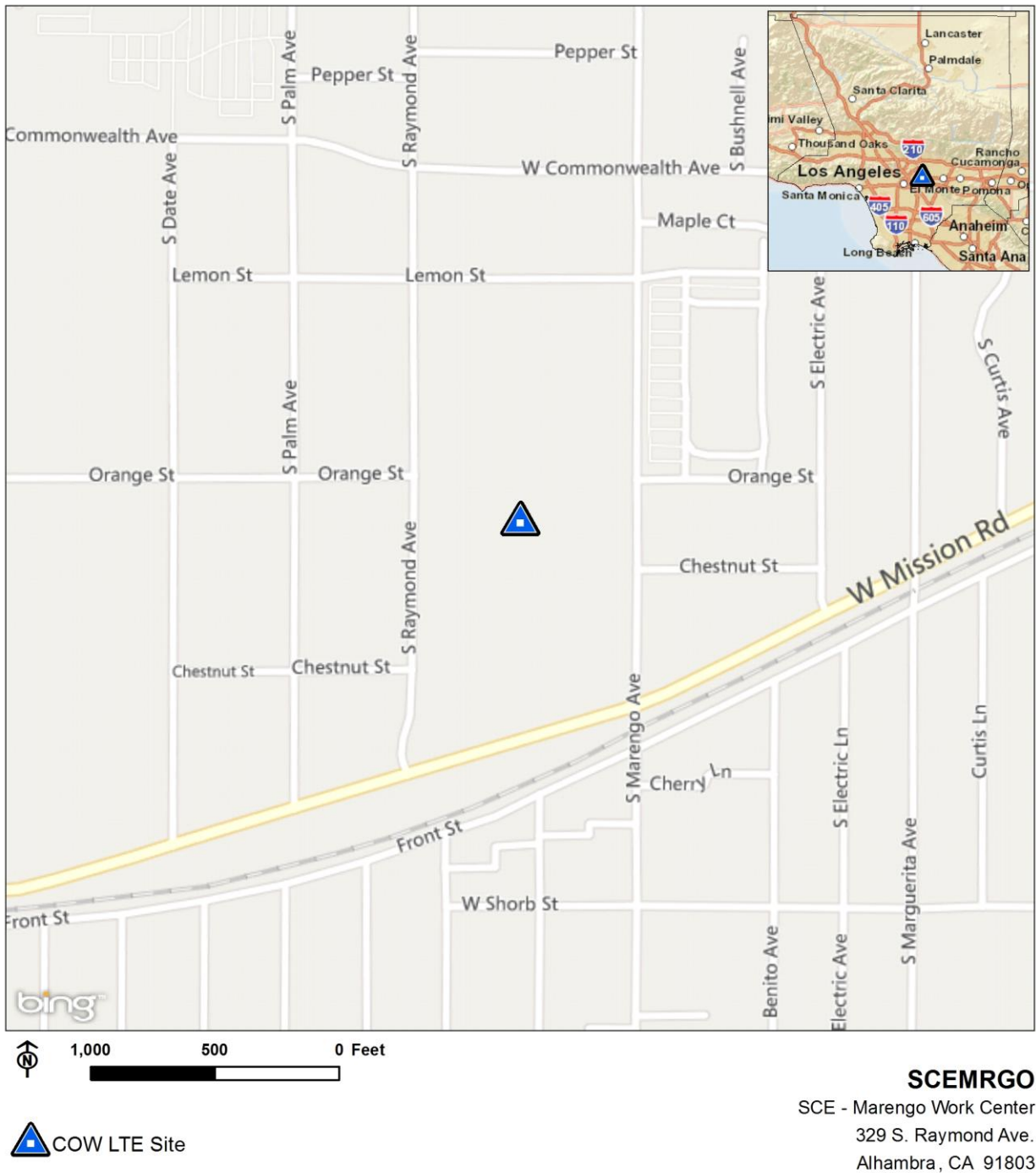
All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

LA-RICS LTE System Appendix B: Supplemental Environmental Assessment

Site ID: SCEMRGO

Facility Name: SCE - Marengo Work Center

Figure 1. Site Map



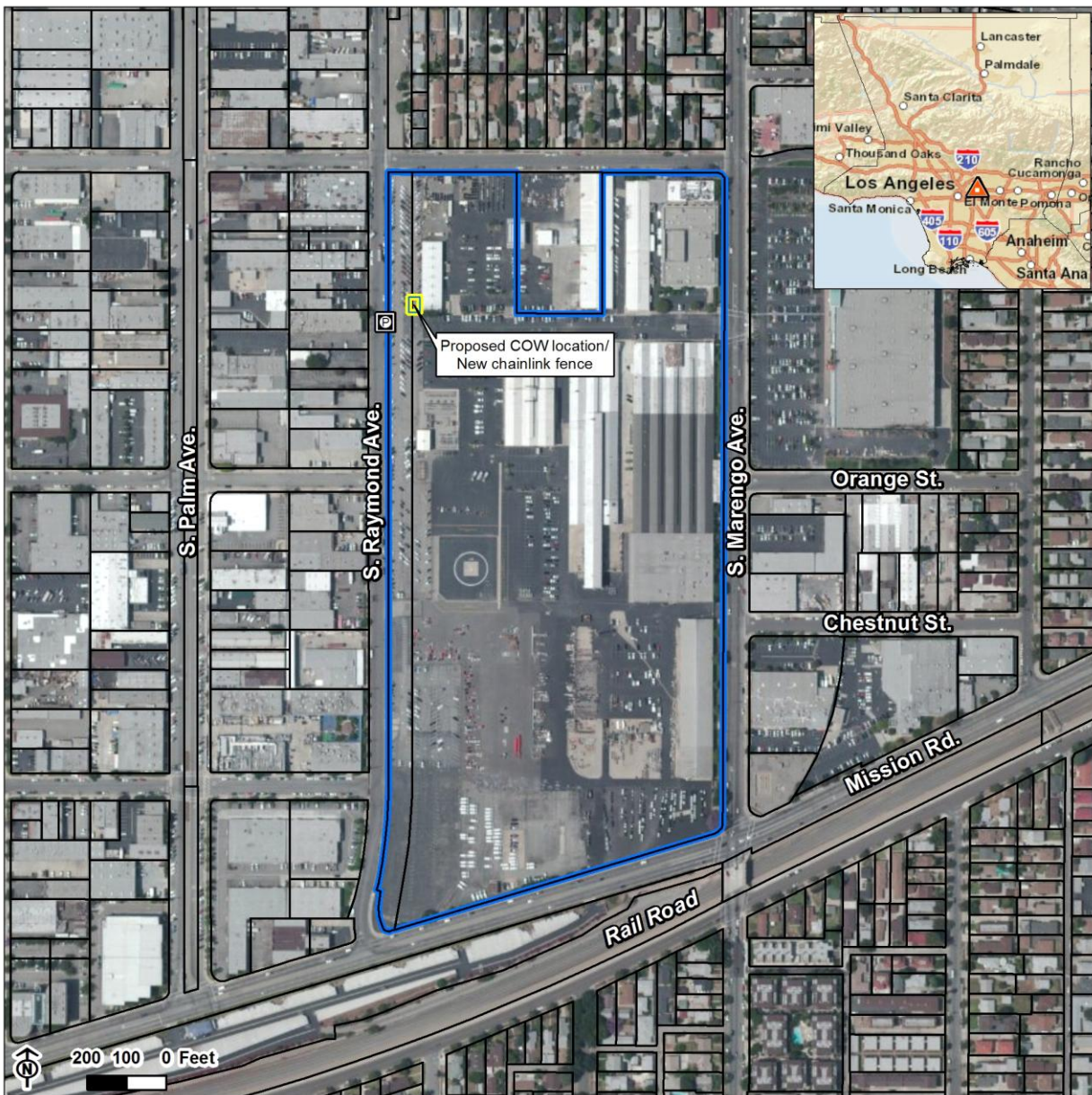
Proposed New Site Coordinates (NAD83):

Latitude: 34.083677

Longitude: -118.143487

Elevation (Feet): 482

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels
Published May 2014
- COW LTE Site Boundary
- Proposed New COW Equipment
- Existing Power Pole

SCEMRGO

SCE - Marengo Work Center
501 S. Marengo Ave.
Alhambra, CA 91803

Proposed New Site Coordinates (NAD83):

Latitude: 34.083677

Longitude: -118.143487

Elevation (Feet): 482

1.0 PROJECT DESCRIPTION

Site SCEMRGO is located within the SCE Marengo Work Center, an industrial site consisting of buildings and parking areas. The site is located in the City of Alhambra within Los Angeles County.

Development of Site SCEMRGO would consist of a deployable Cell On Wheels (COW) LTE facility. A COW includes a new telescoping monopole (which would not exceed 85 feet tall with appurtenances and attachments) and all LTE communications and auxiliary equipment and appurtenant equipment (e.g., emergency generator, fuel tank, equipment cabinets, etc.) to support operation of the deployable LTE facility.

The LTE site boundary (see Figure 2) represents the extent of real property available for parking the COW at LTE site. Construction activities at each COW site include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site. Once a COW trailer is placed in its final position on site, the wheels may be replaced with standards. COW sites would potentially include trenching for power, wall and fencing construction, and placement of grounding equipment. COW sites would require no creation of impervious surfaces, demolition, materials storage or staging or any substantial use of any other construction equipment. COW would be positioned only within the site boundaries.

This site is located within an SCE work center, which is primarily industrial in use. Single- and multi-family residences are located north and south of the site, although the residences on the south are separated from the site by a railroad corridor. Commercial and industrial uses are located east and west of the site. The site is bounded by Raymond Avenue to the west, Marengo Avenue to the east, and Lemon Street to the north.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



-
- Proposed Tower Type:** Telescoping Monopole located on COW trailer.
- Proposed Tower Height:** Up to 70 feet.
- Maximum Facility Height:** 85 feet
- Proposed FAA lighting:** No lighting, steady or blinking red, or blinking white lighting per FAA guidelines
- Anticipated Disturbance:** COW disturbance would include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site.
- Power Requirements:** Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel generator with integrated belly tank – attenuated to 65 decibel rating.
- No Action Alternative:** Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: Yes

Existing Tower Type: Lattice

Onsite Ground Equipment: No

Existing Tower Height: 165 feet

Existing Generation: Unknown

Existing Onsite Pad: Yes

Existing Backup Power: Unknown

Site Collocated? No

FCC Registration: Yes # 1064121

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Industrial

Other Existing Onsite Tall Structures: Yes

Existing Ground Elevation (FT AMSL): 485

Type of Other Existing Tall Structures: Lattice light tower

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Single-Family Residential Multi-Family Residential	Single-Family Residential	Industrial Commercial	Industrial

Dominant Vicinity Use: Industrial

Adjacent Residential Use: Yes

Description of Other Visible Towers: N/A

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	N/A
Angeles National Forest	No	N/A
Santa Monica Mountains National Recreation Area	No	N/A
National or California State Park	No	N/A
Airport Influence Area	No	N/A

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



South



East



West



3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: City of Alhambra Municipal Code, Section 18.02

Ambient Noise Setting: Urban

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** Yes

**Local Residential Exterior Noise
Exposure Limit:** 55

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: Single-Family Resident - 100 feet

Sensitive Noise Receiver #1: Hospital - 1400 feet

Sensitive Noise Receiver #2: School = 1400 Feet

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations? Yes

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00 am to 8:00 pm	7:00 am to 8:00 pm	None	None

Construction Noise Exempt During Normal Construction Hours? Yes

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	None	None	None
Construction Vibration	None	None	None
Operation Noise	None	None	None

Discussion/Reference:

Noise and vibration from mobilization activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: Pasadena-S Wilson Avenue

Within Local Conformity Plan: SCAQMD Final 2012 Air Quality Management Plan, 1999

Sensitive Receptor 1: Single family home - 78 feet

Sensitive Receptor 2:

Sensitive Receptor 3:

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	None	Not Significant
Operation Emissions of Criteria Pollutants	Not Significant	None	Not Significant
CEQ's GHG Annual Emission Threshold	None	None	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: Los Angeles (82)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Peninsular Ranges

Surface Geological Formation: Quaternary alluvium and marine deposits

USDA Soil Classification: Zamora-Urban land-Ramona

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. The mobile unit will not require a foundation and a geotechnical report will not be necessary.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: Los Angeles

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? No

If yes, please explain: N/A

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: San Gabriel Valley

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	None	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Limited ground disturbance may be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Urban or Built-up/Ornamental

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan:** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? No

If yes, please explain: N/A

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: No

If yes, please explain: N/A

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	None	None	None
Common Native Wildlife	None	None	None

Discussion/Reference:

The proposed action would occur on previously disturbed areas mapped as urban built-up land/ornamental vegetation type. Wildlife and sensitive species issues and BIO CMR's would not apply to the project except for nesting birds. Prior to construction a nesting bird survey BIO CMR-1 will be conducted if the construction takes place during the nesting bird season. Weed management practices would be undertaken if necessary over the long-term. Implementation of BIO CMR's 10 and 11 would preclude impacts from weeds.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	None	None	None
Marine Mammal Protection Act (MMPA)	none	none	None
Bald/Golden Eagle Protection Act (BGEPA)	None	None	None
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	None	None	None
California Endangered Species Act (CESA)	None	None	None
California Native Plant Protection Act (NPPA)	None	None	None

Discussion/Reference:

No sensitive species would be affected. The project is located in a completely urbanized area and does not include native vegetation or habitat for sensitive species. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO CMR 1 would preclude impacts to nesting sensitive bird species.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

No impacts to important or critical habitat have been identified, as they do not occur in the project area.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: No

If yes, identify the historic property: N/A

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: Yes

If yes, identify the historic property: There are two historic properties in the indirect APE - a segment of the historic Union Pacific Railroad and the former C. F. Braun Company.

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: There is low potential for surface paleontological resources, but moderate/unknown potential for subsurface paleontological resources. The site is mapped as Quaternary Alluvium.

Geological formation with a high potential for vertebrate paleontological resources: Yes

If yes, type of geological formation: The site is mapped as Quaternary Alluvium. Fossils have been found nearby.

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	Not Significant	None
Native American Resources	None	None	None
Paleontological Resources	Not Significant	Not Significant	None

Discussion/Reference:

CRM CMR 5 is in effect at this site. A records search and field work have been conducted for this site and no historic properties have been identified in the direct APE. Two historic properties (architectural/engineering) have been identified in the indirect APE. Impacts on the historic properties within the indirect APE (a segment of the historic Union Pacific Railroad and the former C. F. Braun Company) are not significant. The railroad segment is

situated approximately .23 miles from the direct APE and the former C. F. Braun Company is situated approximately .43 miles from the direct APE. The new antenna would not be visible to either of these properties due to the urban landscape and intervening distance. There is low sensitivity for surface and moderate to unknown sensitivity for subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site SCEMRGO is a maintenance, storage, operations, and service facility for SCE. The site is paved and flat. A number of one- and two-storey buildings are present at the site, including offices, maintenance bays and sheds, and service bays. The remainder of the site is parking and storage areas. The site is devoid of vegetation except at the perimeter where a small amount of landscaping, including grass, shrubs, and trees, are present. Occasional small trees are present in the parking areas of the site. No building on the site is taller than two storeys.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

The area surrounding Site SCEMRGO is urban and developed with a mix of residential, commercial, industrial, and transportation uses. Industrial buildings and warehouses are the dominant use in the vicinity of the site, with residential areas north and west of the site. Industrial and commercial uses are located north east, and south of the site. I-210 is located immediately adjacent to the south side of the site. A rail corridor is located adjacent to the south side of the site. No advantageous viewsheds exist in proximity to the site. Vegetation in proximity to the site is widely scattered, and is primarily associated with residences. The vegetation consists of grass and an assortment of shrubs and trees of varying size. None of the buildings located in the immediate vicinity of the LTE site exceed two stories. Buildings in the vicinity of the site appear to be in fair to good condition.

Visual Character Classification (based on site location): Urban

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

The COW site is within the fenced area of an existing SCE Service and Maintenance yard, that includes many modern and regular industrial buildings, offices, and service bays. The site includes several tall lattice structures which have already introduced tall vertical elements into the industrial viewshed. No impacts are anticipated.

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: City of Alhambra

General Plan Designation: Industrial

Zoning: Industrial Planned Development

Comprehensive Plan or
General Plan Local Agency: City of Alhambra

Los Angeles County
Community or Area Plan: West San Gabriel Valley Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: Interstate 10

Distance (Miles): 0.7

Nearest Arterial: Mission Road

Distance (Miles): 0

Access to the Project Site Provided Via: Mission Road

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: Republic Services

Water Service

Site Served by or has Available Access to Domestic Water System: City of Alhambra

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not significant	None	Not significant
Solid Waste (construction)	Not significant	None	Not significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	None	None	None
Water Supply (operation)	None	None	None
Traffic (construction)	Not significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	29.01%	1.42%	0.43%	48.81%	20.33%	37.62%
County Jurisdiction	53.30%	8.40%	0.50%	14.20%	23.50%	47.90%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? Yes

If yes, please explain: Asian Pacific Islander is more than 10% greater

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	58,574	54,148	\$55,909
Families Below Poverty	11.12%	11.3%	17.80%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? Yes

If yes, please explain: 4 permitted UST sites and 5 closed LUST cleanup sites are located within .25 miles of the LTE site

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? No

If yes, please explain: N/A

Site located within 1,000 feet of a landfill? No

If yes, please explain: N/A

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? No

If yes, please explain: N/A

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	None	None	None
Methane Hazard	None	None	None
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

The identified permitted UST sites and the closed LUST site are located outside of the planned project activities within the designated polygon for the site. The location of the permitted USTs are known and will not be encountered. Any potentially residual impacted soil or groundwater will not be encountered during planned ground disturbing activities. Planned ground disturbing activities include shallow excavation for trenching that will not encounter groundwater and there is no indication that potential residually impacted soil from the closed LUST sites extend to within the planned project boundary.

All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

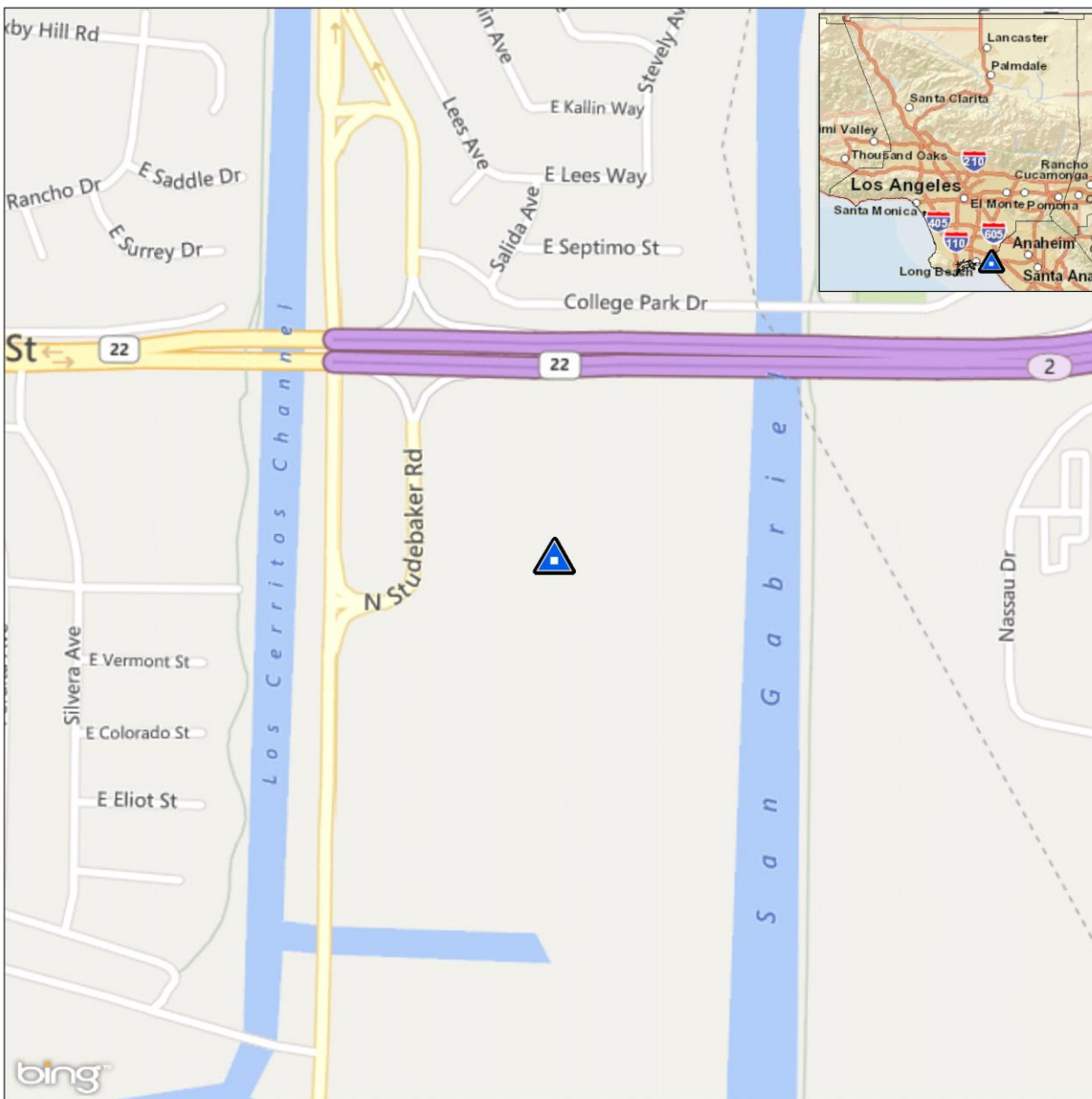
LA-RICS LTE System

Appendix B: Supplemental Environmental Assessment

Site ID: SCESTUD

Facility Name: SCE - Studebaker Self-Storage

Figure 1. Site Map



 COW LTE Site

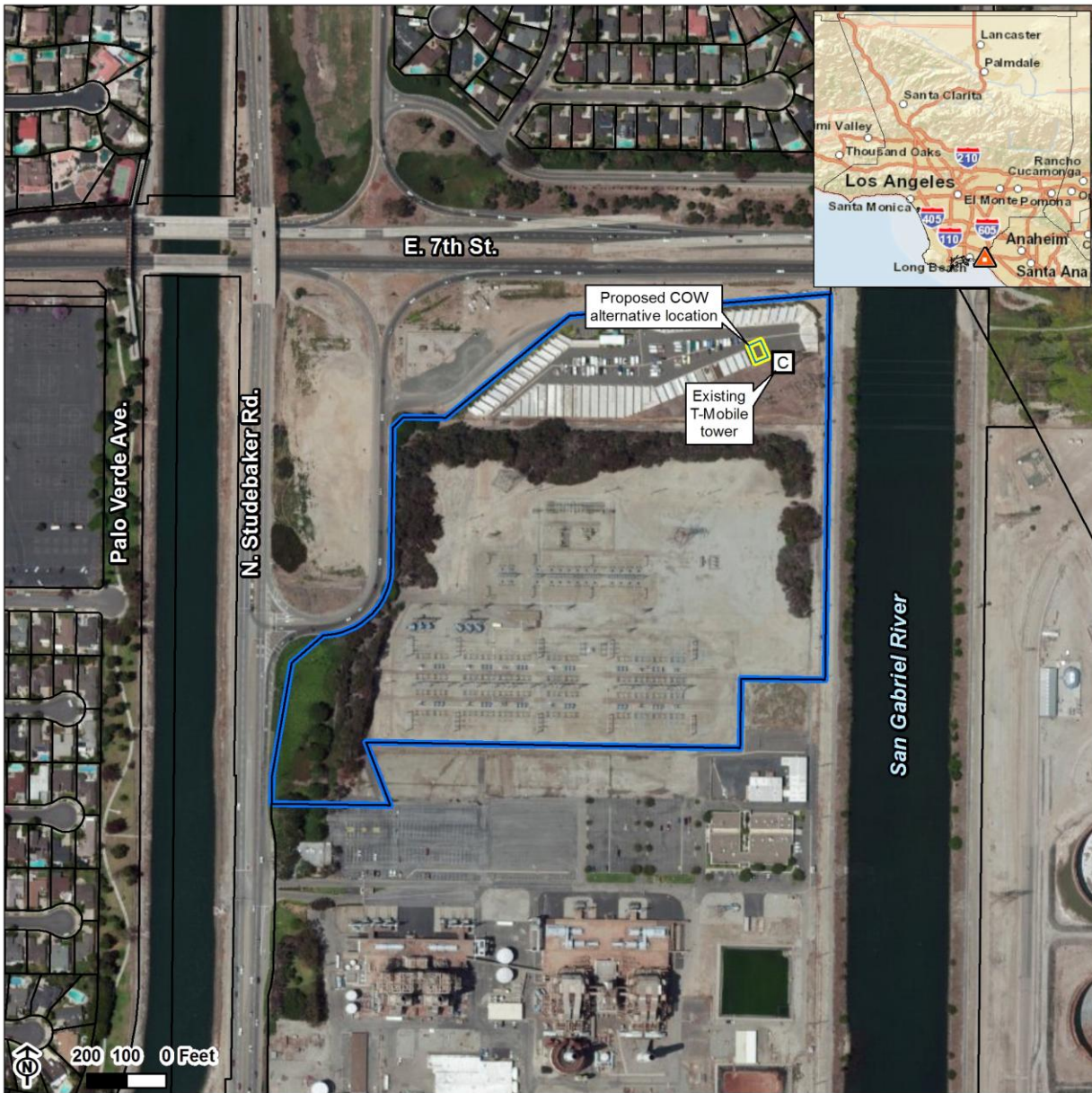
SCESTUD

SCE - Studebaker Self-Storage
698 Studebaker Rd.
Long Beach, CA 90803

Proposed New Site Coordinates (NAD83):

Latitude: 33.772195
Longitude: -118.100347
Elevation (Feet): 5

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels
Published May 2014
- COW LTE Site Boundary
- Proposed New COW Equipment
- Existing Cell Tower

SCESTUD

SCE - Studebaker Self-Storage
N. Studebaker Rd.
Long Beach, CA 90803

Proposed New Site Coordinates (NAD83):

Latitude: 33.772195

Longitude: -118.100347

Elevation (Feet): 5

1.0 PROJECT DESCRIPTION

Site SCESTUD is located in a site that includes both Studebaker Self Storage and a large SCE Substation. The site is located in the City of Long Beach within Los Angeles County.

Development of Site SCESTUD would consist of a deployable Cell On Wheels (COW) LTE facility. A COW includes a new telescoping monopole (which would not exceed 85 feet tall with appurtenances and attachments) and all LTE communications and auxiliary equipment and appurtenant equipment (e.g., emergency generator, fuel tank, equipment cabinets, etc.) to support operation of the deployable LTE facility.

The LTE site boundary (see Figure 2) represents the extent of real property available for parking the COW at LTE site. Construction activities at each COW site include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site. Once a COW trailer is placed in its final position on site, the wheels may be replaced with standards. COW sites would potentially include trenching for power, wall and fencing construction, and placement of grounding equipment. COW sites would require no creation of impervious surfaces, demolition, materials storage or staging or any substantial use of any other construction equipment. COW would be positioned only within the site boundaries.

This site is primarily industrial, including a large substation and a self storage operation. The site is bounded on the east and west sides by wide water inlet channels. The north side of the site is adjacent to SR 22, and the south is adjacent to a school and industrial uses. The site is accessed from Studebaker Road.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: Telescoping Monopole located on COW trailer.

Proposed Tower Height: Up to 70 feet.

Maximum Facility Height: 85 feet

Proposed FAA lighting: No lighting, steady or blinking red, or blinking white lighting per FAA guidelines

Anticipated Disturbance: COW disturbance would include the parking of a trailer, up to 70 feet long, on a paved or already disturbed area at the site.

Power Requirements: Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel generator with integrated belly tank – attenuated to 65 decibel rating.

No Action Alternative: Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: Yes

Existing Tower Type: Lattice (antennas are

Onsite Ground Equipment: Yes

Existing Tower Height: Unknown

Existing Generation: Unknown

Existing Onsite Pad: Unknown

Existing Backup Power: Unknown

Site Collocated? No

FCC Registration: #

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Electric Substation

Other Existing Onsite Tall Structures: Yes

Existing Ground Elevation (FT AMSL): 15

Type of Other Existing Tall Structures: Electric Transmission
Tower

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Transportation Single Family Residential	Educational Institution Industrial	Industrial Multi-Family	Recreation Single-Family Residential Educational Institution

Dominant Vicinity Use: Industrial

Adjacent Residential Use: No

Description of Other Visible Towers: Large Lattice Towers

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	N/A
Angeles National Forest	No	N/A
Santa Monica Mountains National Recreation Area	No	N/A
National or California State Park	No	N/A
Airport Influence Area	No	N/A

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



South



East



West



3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: City of Long Beach Municipal Code, Chapter 8.80

Ambient Noise Setting: Urban

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** Yes

**Local Residential Exterior Noise
Exposure Limit:** 50

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: Single-family resident - 430 feet

Sensitive Noise Receiver #1: Single-family resident - 450 feet

Sensitive Noise Receiver #2: School - 1000 feet

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations? Yes

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00 am to 10:00 pm	7:00 am to 10:00 pm	9:00 am to 6:00 pm	none

Construction Noise Exempt During Normal Construction Hours? Yes

Construction Allowed During Extended Hours with Approval or Permit? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	None	None	None
Construction Vibration	None	None	None
Operation Noise	None	None	None

Discussion/Reference:

Noise and vibration from mobilization activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: Long Beach-East Pacific Coast Highway

Within Local Conformity Plan: SCAQMD Final 2012 Air Quality Management Plan, 1999

Sensitive Receptor 1: Bike path - 330 feet

Sensitive Receptor 2: Single family residence - 392 feet

Sensitive Receptor 3:

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	None	Not Significant
Operation Emissions of Criteria Pollutants	Not Significant	None	Not Significant
CEQ's GHG Annual Emission Threshold	None	None	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: Los Alamos (77)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Peninsular Ranges

Surface Geological Formation: Quaternary alluvium and marine deposits

USDA Soil Classification: Zamora-Urban land-Ramona

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

Limited ground disturbance will be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. The mobile unit will not require a foundation and a geotechnical report will not be necessary.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: San Gabriel

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? Yes

If yes, please explain: San Gabriel River; Los Cerritos Channel

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: Coastal Plain of Los Angeles

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	None	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Limited ground disturbance may be required for the placement of power, fiber and grounding as necessary for the mobile unit on site. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Urban or Built-up /Ornamental and Ruderal

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan:** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** No

If yes, please explain: N/A

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? Yes

If yes, please explain: LTE site boundary is within 500 feet of Estuarine and Marine Deepwater. The northern and southern boundaries are adjacent to concrete lined channels. The south side contains the San Gabriel River.

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: No

If yes, please explain: N/A

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: No

If yes, please explain: N/A

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	Not Significant	Not Significant	Not Significant
Common Native Wildlife	None	None	None

Discussion/Reference:

The proposed action would occur on previously disturbed areas mapped as urban built-up land/ornamental vegetation type. The roadside within the study area contains ruderal species but the soils could contain vernal pool species after spring rains. This habitat would not be impacted by the project. Wildlife and sensitive species issues and BIO CMR's would not apply to the project except for nesting birds. Prior to construction a nesting bird survey BIO CMR-1 will be conducted if the construction takes place during nesting bird season. Weed management practices would be undertaken over the long term. Implementation of BIO CMR's 10 and 11 would preclude impacts from weeds.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	None	None	None
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	None	None	None
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	None	None	None
California Endangered Species Act (CESA)	None	None	None
California Native Plant Protection Act (NPPA)	None	None	none

Discussion/Reference:

No sensitive species would be affected. The project is located in a completely urbanized area and does not include native vegetation or habitat for sensitive species. Nesting birds protected under the MBTA could be impacted by construction activities. Implementation of BIO CMR-1 would preclude impacts to nesting sensitive bird species.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

Physical contact with wetlands is not expected due to its distance from the site and from site access and no impacts are anticipated to wetlands. Potential impacts to sensitive habitat would be avoided through implementation to CMR's identified for common vegetation and wildlife plus BIO CMR 17 Wetlands and Other Waters.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site No

If yes, relationship of antennas to NRHP structure: N/A

Archaeological historic property in direct APE: No

If yes, identify the historic property: N/A

Archaeological historic property within indirect APE: Yes

If yes, identify the historic property: This is the site of the Gabrielino village of Puvunga.

Architectural historic property in direct APE: No

If yes, identify the historic property: N/A

Architectural historic property (NRHP listed or eligible) within indirect APE: Yes

If yes, identify the historic property: There are two historic properties within the indirect APE - Rancho Los Alamitos, which was established in 1806 and encompasses buildings and gardens and a dwelling at 13040 Oak Hills Drive, which was built in 1965 and is a contributing property of the Leisure World historic district.

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: There is low potential for surface paleontological resources, but moderate/unknown potential for subsurface paleontological resources. The site is mapped as Quaternary Alluvium.

Geological formation with a high potential for vertebrate paleontological resources: Yes

If yes, type of geological formation: The site is mapped as Quaternary Alluvium. Fossils have been found nearby.

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	Not Significant	None
Architectural Resources	None	Not Significant	None
Native American Resources	None	None	None
Paleontological Resources	Not Significant	Not Significant	None

Discussion/Reference:

CRM CMR 5 is in effect at this site. A records search and field work have been conducted for this site and no historic properties have been identified in the direct APE. Three historic properties (one archaeological/two

architectural) have been identified in the indirect APE. Impacts on the historic properties within the indirect APE (a prehistoric site; an 1806 California Rancho; a residence) are not significant. The three properties are situated approximately .43 to .49 miles from the direct APE and the new antenna would not be visible to any of these properties due to the urban landscape and intervening distance. There is low sensitivity for surface and moderate to unknown sensitivity for subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

Site SCESTUD is partially a large high-voltage transmission substation, that includes many tall and complex lattice structures; however, the northern part of the site is a self storage business underneath a high-voltage transmission line corridor connecting to the substation. Other equipment within the substation includes transformers, capacitor banks, relays, switches, and circuit breakers. The majority of the site is compacted gravel or paved and flat, with a portion of the site largely undeveloped. The only buildings on the site are within the boundaries of the self storage area, which are multiple small one-storey buildings. Perimeter areas of the site have been landscaped, including the interior perimeter of the substation. The northern boundary of the self storage business is landscaped with grass and small bushes, which the perimeter of the substation is landscaped with many large trees. No building on the site is taller than one story.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

The area surrounding Site SCESTUD is urban and developed with a mix of residential, educational, and industrial uses. Industrial facilities are the dominant use in the vicinity of the site, including large industrial complexes south and east of the site. On the west side of the adjacent port channel is The Long Beach Bikeway and a large residential area, and another large multi-family residential area is located further east of the industrial complex. SR 22 is located north of the site, and another residential development is located immediately north of the highway. A charter high school is located immediately south of the site. Vegetation in proximity to the site is minimal and widely scattered, and is primarily associated with the Long Beach Bikeway and residences. The vegetation consists of grass and an assortment of shrubs and trees of varying size. None of the buildings located in the immediate vicinity of the LTE site exceed two stories. Buildings in the vicinity of the site appear to be in fair to good condition.

Visual Character Classification (based on site location): Urban

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: Yes

If yes, please explain: East Los Angeles Region

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

The placement of the site within an existing transmission substation with many lattice transmission line structures, which are larger in height and girth than the monopole on the COW, will attenuate the impacts to views of the site. No impacts are anticipated.

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: City of Long Beach

General Plan Designation: Planned Development

Zoning: Planned Development

Comprehensive Plan or
General Plan Local Agency: City of Long Beach

Los Angeles County
Community or Area Plan: Gateway Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: State Route 22

Distance (Miles): 0

Nearest Arterial: Studebaker Road

Distance (Miles): 0

Access to the Project Site Provided Via: Studebaker Road

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: City of Long Beach Public Works Dept

Water Service

Site Served by or has Available Access to Domestic Water System: Long Beach Water Department

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not Significant	None	Not significant
Solid Waste (construction)	Not significant	None	Not significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	None	None	None
Water Supply (operation)	None	None	None
Traffic (construction)	Not significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	79.35%	2.76%	0.23%	10.19%	7.47%	12.57%
County Jurisdiction	53.30%	8.40%	0.50%	14.20%	23.50%	47.90%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? No

If yes, please explain: N/A

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	76,637	52,711	\$55,909
Families Below Poverty	3.16%	16.4%	17.80%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? No

If yes, please explain: N/A

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? No

If yes, please explain: N/A

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? No

If yes, please explain: N/A

Site located within 1,000 feet of a landfill? No

If yes, please explain: N/A

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? No

If yes, please explain: N/A

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: Pass

Federal Aviation Administration (FAA) Part 77 Notification Required? Yes

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	None	None	None
Methane Hazard	None	None	None
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.

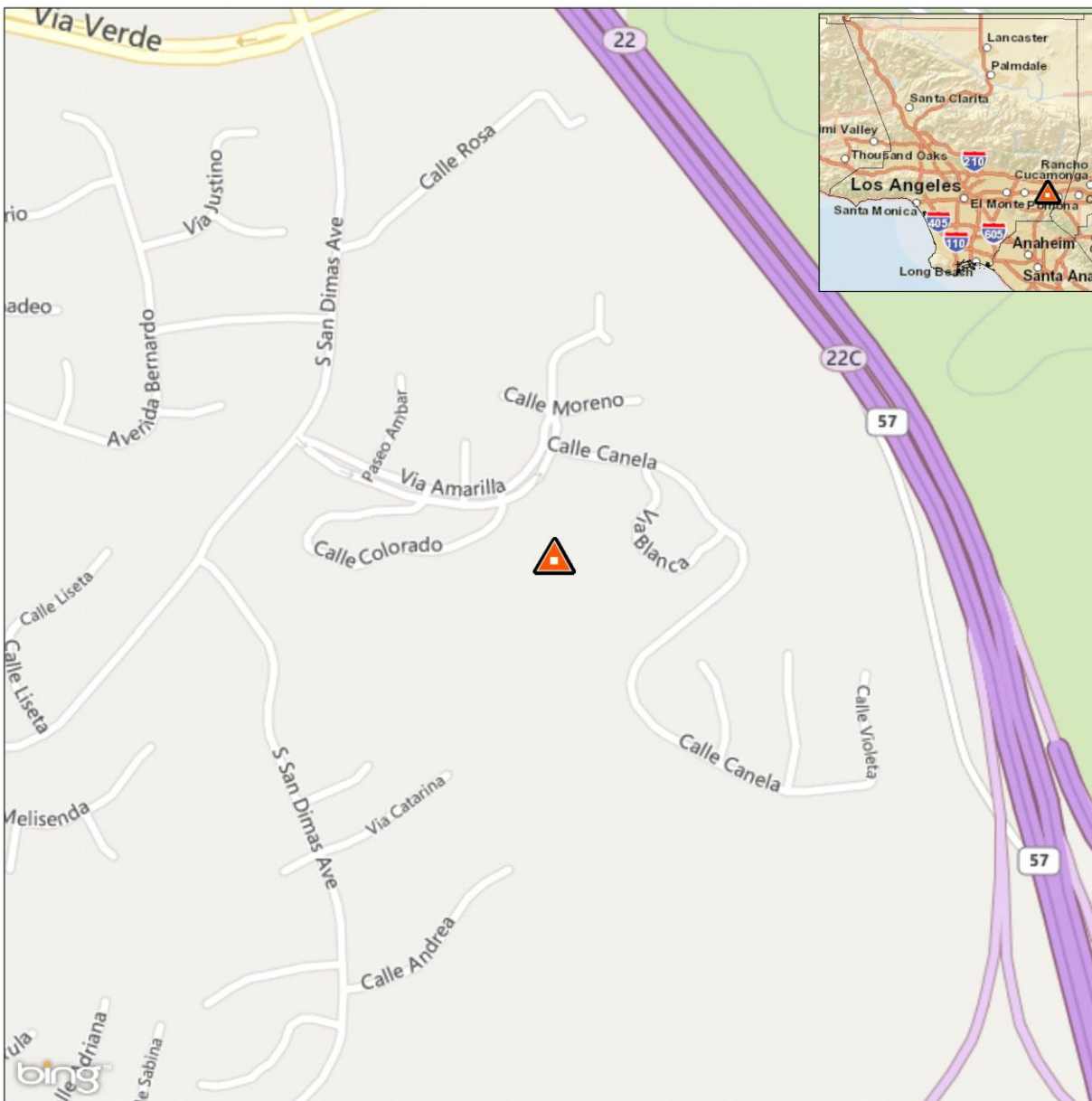
LA-RICS LTE System

Appendix B: Supplemental Environmental Assessment

Site ID: SDW

Facility Name: San Dimas

Figure 1. Site Map



 Permanent LTE Site

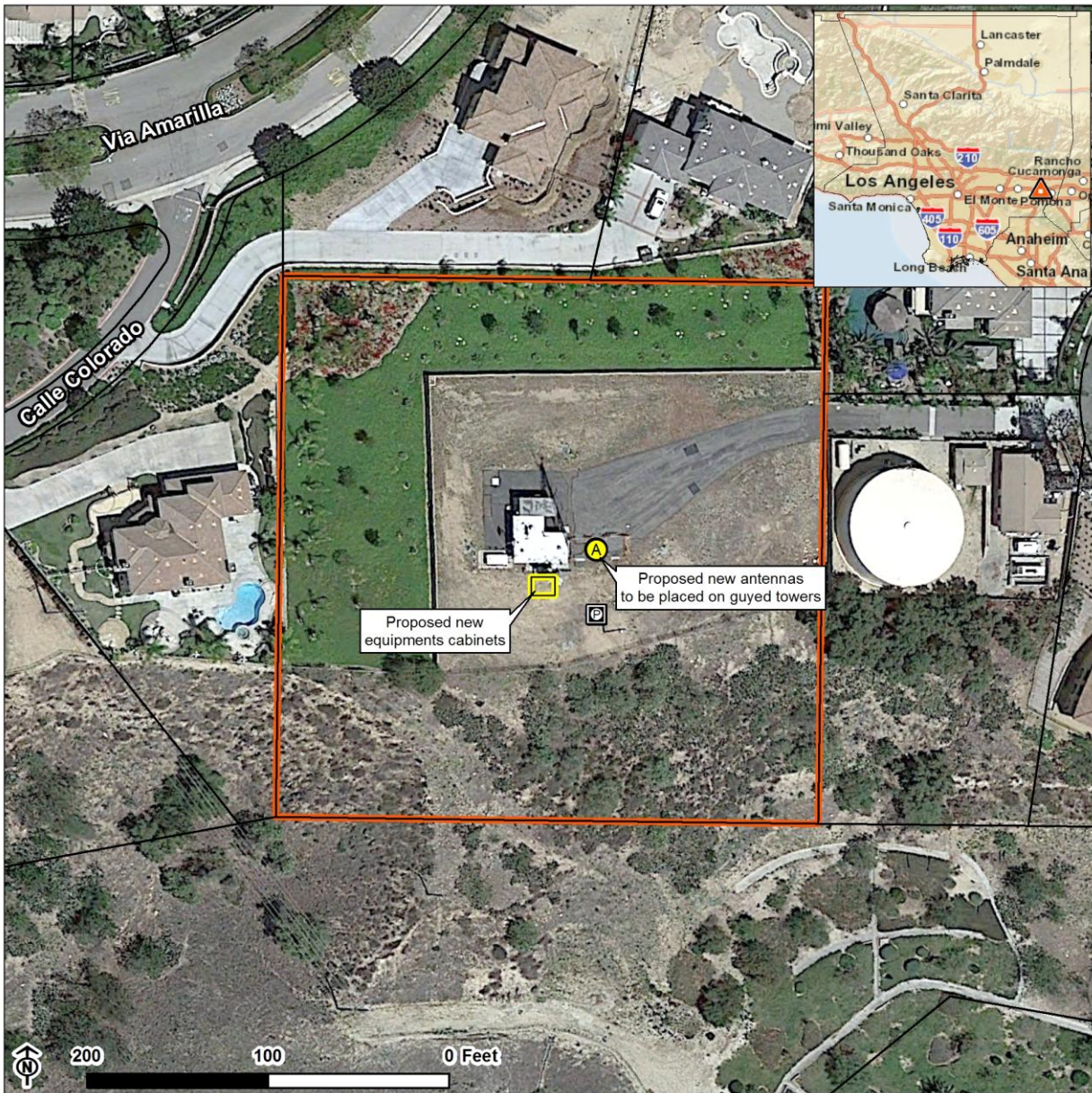
SDW

San Dimas
310 Via Blanca
San Dimas, CA 91773

Proposed New Site Coordinates (NAD83):

Latitude: 34.071669
Longitude: -117.813583
Elevation (Feet): 1250

Figure 2. Satellite Map and Site Equipment Plan



- Los Angeles Assessor Parcels
Published May 2014
- Permanent LTE Site Boundary
- Existing Power Pole
- Proposed New Antenna
- Proposed New Equipment

SDW

San Dimas
310 Via Blanca
San Dimas, CA 91773

Proposed New Site Coordinates (NAD83):

Latitude: 34.071669

Longitude: -117.813583

Elevation (Feet): 1250

1.0 PROJECT DESCRIPTION

The San Dimas Communication Facility (Site SDW, Figure 1) is a public safety facility, owned and administered by the County of Los Angeles. The site is in an urban fringe area in the basin region of Los Angeles County.

Site SDW was not previously contemplated in the Final LA-RICS LTE EA or the corresponding FONSI (October 2014). Development of Site SDW (Figure 2) would consist of installation of LTE and microwave antennas on an existing 120-foot lattice tower (ASR #1061597), which was constructed in 1977. Additional proposed new infrastructure would include up to four new equipment cabinets and an up to 35kW generator that would be located on new pads, not to exceed a total of 500 square feet. Other activities anticipated include materials storage and staging, site access, and site cleanup. Trenching may be required and could involve up to 500 linear feet by 2 feet wide by 3 feet deep on the property to accommodate electrical and/or fiber upgrades. Each of these activities requires the use of vehicles and equipment.

Site Included in the Previous Environmental Assessment? No

Changes to Site that Warrant this Additional Supplement: New site not previously reviewed in the LA-RICS LTE System EA.

Proposed Facilities



Proposed Tower Type: N/A - Existing 120-foot lattice tower

Proposed Tower Height: N/A - Existing 120-foot lattice tower

Maximum Facility Height: N/A

Proposed FAA lighting: N/A

Anticipated Disturbance: Approximately 3,600 square feet of ground disturbance includes equipment cabinet and generator foundations, trenching, and miscellaneous disturbance.

Power Requirements: Primary power up to 12.5 kW would draw from existing transformer to proposed meter. Backup power includes batteries and 35 kW diesel

generator with integrated belly tank – attenuated to 65 decibel rating.

No Action Alternative: Under the No Action Alternative, this site would remain unchanged and no new LTE telecommunication infrastructure or related infrastructure would be installed. No direct, indirect, or cumulative impacts are anticipated.

2. EXISTING SITE CONDITIONS

Existing Onsite Communications Facilities

Existing Onsite Communication Facility Lattice Tower, Monopole, or Antenna: Yes

Existing Tower Type: Lattice tower

Onsite Ground Equipment: Yes

Existing Tower Height: 120 feet

Existing Generation: On site transformer

Existing Onsite Pad: Yes

Existing Backup Power: Yes

Site Collocated? Yes

FCC Registration: ASR # 1061597

Existing Land Uses and Onsite Characteristics

Existing Onsite Use/Facility: Communication site

Other Existing Onsite Tall Structures: Yes

Existing Ground Elevation (FT AMSL): 1240

Type of Other Existing Tall Structures: Existing 20-foot
monopole

Existing Land Uses and Onsite Surrounding Land Uses and Offsite Characteristics

Adjacent and Nearby Land Uses

<u>North</u>	<u>South</u>	<u>East</u>	<u>West</u>
Residential	Residential Open Space	Utility Facility (water and communication) Residential	Residential

Dominant Vicinity Use: Residential

Adjacent Residential Use: Yes

Description of Other Visible Towers: N/A

Relationship to Federally Regulated Lands

Located Within or on Federal Lands Administered By: No

Area of Special Consideration or Regulation

Located within boundaries of :	Yes / No	If yes, Plan or Designation Area
California Coastal Zone	No	N/A
Angeles National Forest	No	N/A
Santa Monica Mountains National Recreation Area	No	N/A
National or California State Park	No	N/A
Airport Influence Area	No	N/A

Project Site Photos

The photos below represent the conditions at the LTE site and surrounding area. When available, four directional views are provided that look toward and away from the site. In some instances, access or intervening structures or topography prohibit a representative view from one or more directions.

North



Site viewed from the north



Surrounding area north of site

South



Site viewed from the south



Surrounding area south of site

East



Site viewed from the east



Surrounding area east of site

West



Site viewed from the west



Surrounding area west of site

3. NOISE

Affected Environment Technical Analysis

Ambient Noise Factors and Conditions

Applicable Noise Standards Source: City of San Dimas Municipal Code, Chapter 8.36

Ambient Noise Setting: Urban Fringe

**Surrounding Walls/Structures
Serve as Potential Noise Barrier?** Yes

**Local Residential Exterior Noise
Exposure Limit:** 50

**Vibration Sensitive Buildings
Located within 50 feet of Site?** No

Off-Site Sensitive Noise Receivers

Nearest Off-Site Sensitive Receiver Type: Single-Family Residence

Sensitive Noise Receiver #1: Single-Family Residence

Sensitive Noise Receiver #2: Single-Family Residence

Sensitive Noise Receiver #3:

Construction Noise Regulations

Construction Projects are Exempt from Noise Regulations? No

Allowed Construction Hours	Monday-Friday	Saturday	Sunday	Holiday
	7:00am to 8:00pm	7:00am to 8:00pm	None	None

Construction Noise Exempt During Normal Construction Hours? No

Construction Allowed During Extended Hours with Approval or Permit? No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Noise	Not Significant	None	None
Construction Vibration	Not Significant	None	None
Operation Noise	Not Significant	None	None

Discussion/Reference:

Noise and vibration from construction activity would be short term and localized. Noise from operation not expected to be perceptible off-site.

4. AIR QUALITY AND GREENHOUSE GASES

Affected Environment Technical Analysis

Air Basin: South Coast Air Basin

AirQuaMgmtDist: South Coast Air Quality Management District

Nearest Monitoring Station: North Long Beach

Within Local Conformity Plan: N/A

Sensitive Receptor 1: Residence

Sensitive Receptor 2: Residence

Sensitive Receptor 3: Residence

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction Emissions of Criteria Pollutant	Not Significant	Not Significant	None
Operation Emissions of Criteria Pollutants	Not Significant	Not Significant	None
CEQ's GHG Annual Emission Threshold	Not Significant	Not Significant	None

Discussion/Reference:

Emissions generated from construction activity and long-term operation of the Proposed Action would not exceed regulatory or guideline thresholds.

5. GEOLOGY AND SOILS

Affected Environment Technical Analysis

Geologic Characteristics

US Geological Survey 7.5-Minute Quadrangle: San Dimas (82)

Is the site located within an Alquist-Priolo Earthquake Fault Zone? No

If yes, please explain: N/A

Geological Province: Peninsular Ranges

Surface Geological Formation: Quaternary alluvium and marine deposits

USDA Soil Classification: Urban land-Sorrento-Hanford

Farmland

Site occurs within Prime or Unique Farmland of Statewide or Local Importance: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Seismic Hazards	Not Significant	None	None
Soil Erosion	None	None	None
Prime or Unique Farmland	None	None	None

Discussion/Reference:

ground disturbing activities will be limited to development of a pad to place equipment cabinets and trenching to bring power a fiber to the facility. Antennas are to be co-located on an existing lattice tower. Best management practices (BMPs) utilized during construction and operation of the Proposed Action would control runoff and minimize erosion.

6. WATER RESOURCES

Affected Environment Technical Analysis

Hydrologic Region

Regional Water Quality Control Board Hydrologic Region: Los Angeles RWQCB

Hydrologic Sub-Basin or Watershed: San Gabriel

Surface Water (as defined by US Geological Survey)

Is a Surface Water Feature Located in Immediate Site Vicinity? Yes

If yes, please explain: Two intermittent drainages have been identified via National Wetlands Inventory near this hilltop site.

Does the Project Site Affect a Wild or Scenic River? No

If yes, please explain: N/A

Does the Project Site Affect an "Impaired Waterbody"? No

If yes, please explain: N/A

Groundwater

Name of the Groundwater Basin in which the Project Site Lies: Unnamed

Flood Plain

Is the project site located within a designated 100-year flood plain, or an area designated as hillside, or other known flood-prone areas? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Stormwater and non-storm water discharges on surface water resources	Not Significant	None	None
Flood Hazard	None	None	None

Discussion/Reference:

Surface water impacts may occur during construction and operation (e.g., soil erosion due to ground disturbance and during precipitation events and entrainment of sediment in stormwater runoff, surface discharge of groundwater from dewatering, damage to existing underground pipelines and storage tanks during excavation and contamination from leaks and spills), however there are no surface waters within 500 ft. of the site. No significant impacts to surface water resources would occur due to the ground has been previously disturbed and disturbance would be less than 0.08 acre, excavated earth would be used as backfill, waste materials would be disposed at a licensed facility and underground surveys would be completed. The implementation of standard BMPs and the construction management requirements (CMRs) outlined in the Supplemental EA and the Final LA-RICS LTE System EA, BIO CMR 17 and BIO CMR 18, would be implemented to control sediment and pollutants in stormwater and non-stormwater runoff associated with construction according to protocols established by the California Stormwater Quality Association (CASQA).

7. BIOLOGICAL RESOURCES

Affected Environment Technical Analysis

Locational Context

Dominant Onsite Habitat Type: Urban or Built-up/Ornamental with Non-native Grassland

**Site within 500 feet or within an
Essential Fish Habitat (EFH):** No

If yes, please explain: N/A

**Site within 500 feet or within a
Habitat Conservation Plan** No

If yes, please explain: N/A

**Site within 500 feet or within a
Federal/State Critical Habitat:** Yes

If yes, please explain: Critical habitat
for coastal
California
gnatcatcher is
approximately
170 feet
southwest of the
site.

Wetlands (as defined by US Geological Survey or US Fish Wildlife Service)

Are wetlands present on site or within 500 feet of site? Yes

If yes, please explain: LTE site boundary is within 500 feet of Freshwater Forested/Shrub Wetland

Special-Status Species and Habitats

USFWS critical habitat present on site or within 500 feet of the site: Yes

If yes, please explain: Critical habitat for coastal California gnatcatcher is approximately 170 feet southwest of the site.

Endangered Species Act (ESA)-listed species expected to occur on or within 500 feet of the site: Yes

If yes, please explain: Coastal California gnatcatcher could nest within the critical habitat near the site.

Bald/Golden Eagle nest present on site or within 500 feet of the site: No

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Vegetation/Land Cover	None	None	None
Invasive Plant Species	None	None	None
Common Native Wildlife	None	None	None

Discussion/Reference:

The workable (flat) areas of the site consist of Urban or Built-up/Ornamental land. Available access to the site is through developed residential areas and an adjacent short paved approach leading up from the housing development. The work area for the site is fenced, and is completely paved, and a monitor would be onsite to prevent inadvertent disturbance to adjacent areas. The permanent addition of concrete pads for equipment cabinets and a generator would not create an impact to vegetation at the site. Construction activities (i.e., setting antennas, concrete pad installation, trenching) would have a potential to impact wildlife. Implementation of BIO CMR 8 would minimize impacts to small mammals and reptiles trapped in open trenches.

Potential impacts to native vegetation and common wildlife and the potential for spread of invasive plant species would be avoided through implementation of the following CMRs:

BIO CMR 1 - Preconstruction Surveys for Nesting Birds; BIO CMR 6 - Construction Monitoring; BIO CMR 7 - Non-listed Amphibians, Reptiles, and Small Mammals; BIO CMR 8 - Open Trenches and Ditches; BIO CMR 9 - Establish Habitat Protection Zones; BIO CMR 10 - Protect Native Vegetation; BIO CMR 18 - Hazardous Substance Management.

Effects on special status species

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federal Endangered Species Act (ESA)	Not Significant	Not Significant	Not Significant
Marine Mammal Protection Act (MMPA)	None	None	None
Bald/Golden Eagle Protection Act (BGEPA)	None	None	None
Migratory Bird Treaty Act (MBTA)	Not Significant	Not Significant	Not Significant
California Fully Protected (CFP)	None	None	None
California Endangered Species Act (CESA)	None	None	None
California Native Plant Protection Act (NPPA)	None	None	None

Discussion/Reference:

Only minor impacts to special status species are anticipated. The biological assessment made a determination of may affect, not likely to adversely affect coastal California gnatcatcher. Implementation of BIO CMR 1, 6, 9, 10, 18, and 19 would preclude impacts to special-status species. Minor impacts to foraging eagles would be offset by implementation of BIO CMR 2.

Effects on Important or Critical Habitat

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Critical Habitat	None	None	None
Essential Fish Habitat	None	None	None
Wetlands Waters	None	None	None
Habitat Conservation Plan (HCP) Management Areas	None	None	None

Discussion/Reference:

Physical contact with critical habitat is not expected due to its distance from the site and from site access, and no impacts are anticipated to critical habitat. Potential impacts to sensitive habitats would be avoided through implementation of the CMRs identified for common vegetation and wildlife, plus the following CMR(s): BIO CMR 17 - Wetlands and Other Waters.

8. HISTORIC AND CULTURAL RESOURCES

Affected Environment Technical Analysis

Proposed antenna at a listed or eligible National Register of Historic Places (NRHP) site N/A

If yes, relationship of antennas to NRHP structure: Exempted

Archaeological historic property in direct APE: N/A

If yes, identify the historic property: Exempted

Archaeological historic property within indirect APE: N/A

If yes, identify the historic property: Exempted

Architectural historic property in direct APE: N/A

If yes, identify the historic property: Exempted

Architectural historic property (NRHP listed or eligible) within indirect APE: N/A

If yes, identify the historic property: Exempted

Area having high sensitivity for paleontological resources: Yes

If yes, the Paleontological Site: There is low potential for surface paleontological resources, but moderate/unknown potential for subsurface paleontological resources. The site is mapped as the Monterey Formation.

Geological formation with a high potential for vertebrate paleontological resources: Yes

If yes, type of geological formation: The site is mapped as the Monterey Formation. Fossils have been found nearby.

Sacred Lands File site on site: No

If yes, the Sacred Lands File: N/A

Sacred Lands File site within ½ mile of indirect APE: No

If yes, the Sacred Lands File: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Archaeological Resources	None	None	None
Architectural Resources	None	None	None
Native American Resources	None	None	None
Paleontological Resources	Not Significant	Not Significant	None

Discussion/Reference:

CRM CMR 5 is in effect at this site. By letter dated February 19, 2015, NTIA determined that this site was exempted from Section 106 review by the California SHPO under the terms and conditions of the Nationwide Programmatic Agreement. There is low sensitivity for surface and moderate to unknown sensitivity for subsurface paleontological resources within the direct and indirect APEs; however impacts are expected to be less than significant with implementation of CRM CMR 5.

9. AESTHETIC AND VISUAL RESOURCES

Affected Environment Technical Analysis

Visual Character

Dominant Onsite Land Features:

The site is on a hilltop and includes a small, sky-blue one story windowless shelter and two tall thin red and white lattice towers connected with horizontal supports. The towers are approximately 120 feet tall. Two large microwave dishes are attached to a short monopole. The site occupies a small corner of a dirt area occupying approximately 0.8 acre and enclosed with concrete block walls to the, north, east and west, and a chain link fence to the south.

Dominant Offsite Land Features Within an Approximate Quarter-Mile Radius:

The site is located within a suburb adjacent to a major highway (Orange Freeway/Highway 57). Residences are large estates or triplexes/townhomes of a fairly homogenous design with landscaped lawns consisting of a variety of vegetation. A large expanse of undeveloped land separates the site from residences to the south, which are Mediterranean style 2-story duplexes. This subdivision is at a lower elevation than the site, making it a prominent vertical feature.

Visual Character Classification (based on site location): Urban Fringe

Scenic and Aesthetic Resource Attributes

Located within ¼ mile of a designated National Scenic Byway or State Scenic Highway: No

If yes, please explain: N/A

Located within ¼ mile of California Coastal Zone: No

If yes, please explain: N/A

On or adjacent to a Designated Scenic Corridor or Resource? No

If yes, please explain: N/A

Located within a National or State Park, or a National Forest: No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Construction effects	None	None	None
Permanent effects on resources within or near a coastal zone	None	None	None
Permanent effects on local scenic corridor	None	None	None

Discussion/Reference:

Effects to visual resources and aesthetics would be negligible.

10. LAND USE

Affected Environment Technical Analysis

Regulatory Setting

Is the site on federally owned or administered land? No

If yes, please explain: N/A

Is the site located within the Coastal Management Zone? No

If yes, please explain: N/A

Is the site located within the Airport Land Use Plan area? No

If yes, name of airfield/airport: N/A

If yes, name of applicable Airport Land Use Plan: N/A

Local Land Use Policy

Local Agency Jurisdiction: City of San Dimas

General Plan Designation: Single Family Residential

Zoning: Specific Plan 5

Comprehensive Plan or
General Plan Local Agency: City of San Dimas

Los Angeles County
Community or Area Plan: East San Gabriel Valley Planning Area

City of Los Angeles
Community or Area Plan: N/A

Other Special District, Area or
Specific Plan: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Federally administered lands	None	None	None
Coastal Act and Local Coastal Plan	None	None	None
Airport Land Use Plans	None	None	None
Los Angeles County General Plans	None	None	None
Other local land use plans, policies, and regulations	None	None	None

Discussion/Reference:

No impacts to land use have been identified.

11. INFRASTRUCTURE

Affected Environment Technical Analysis

Traffic

Nearest Highway: Orange Freeway

Distance (Miles): 0.23

Nearest Arterial: Via Verde

Distance (Miles): 0

Access to the Project Site Provided Via: Via Blanca

Electrical

Electricity Service Provider: Southern California Edison

Electricity On Site or to Be Brought to Site? Electricity on site

Disposal

Site Served by Solid Waste Disposal Provider: Los Angeles County Sanitation District #22

Water Service

Site Served by or has Available Access to Domestic Water System: Golden State Water Company

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Electrical Supply	Not Significant	None	Not Significant
Solid Waste (construction)	Not Significant	None	Not Significant
Solid Waste (operation)	None	None	None
Water Supply (construction)	Not Significant	None	Not Significant
Water Supply (operation)	None	None	None
Traffic (construction)	Not Significant	None	None
Traffic (operation)	None	None	None
Public Safety	Not Significant	None	None

Discussion/Reference:

Utility usage and solid waste generation would be a minor fraction (less than one percent) of capacities. Construction and operation of the Proposed Action would result in no significant impacts (direct or indirect) to transportation. Implementation of TRANS MM 1 would further reduce potential transportation impacts.

12. SOCIOECONOMIC

Affected Environment Technical Analysis

Within:	Races					Ethnicity
	White	Black/ African American	American Indian/ Alaskan Native	Asian Pacific Islander	Other*	Hispanic/Latino
Census Block Groups of Project Site**:	59.2%	4.7%	1.9%	21.3%	14.6%	33.0%
County Jurisdiction	53.3%	8.4%	0.5%	14.2%	23.5%	47.9%

* "Other" includes U.S. Census race categories "Some other race" and "Two or more race," which make up the total percentage of the race categories but are not race categories mandated by the Office of Management and Budget's (OMB) 1997 standards.

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ Population Present Based on Minority Population Threshold? No

If yes, please explain: N/A

Income			
	Within Census Block Groups of the Project Site**	Within City Jurisdiction, CDP or Zip Code	Within County Jurisdiction
Median Household Income	\$77,496	\$78,685	\$55,909
Families Below Poverty	5.8%	6.6%	17.8%

** Data was gathered from American Community Survey (ACS) 2009-2013

EJ population present based on income thresholds? No

If yes, please explain: N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Disproportionately high effects on environmental justice (EJ) populations	None	None	None

Discussion/Reference:

The Proposed Action would benefit all populations in Los Angeles County, regardless of income, race or ethnicity. Temporary and localized effects from the Proposed Action would not result in disproportionately high adverse effects on EJ populations.

13. Human Health and Safety

Affected Environment Technical Analysis

Hazardous Materials

Site located on land listed as a hazardous materials site? No

If yes, please explain: N/A

Located within 1 mile of National Priority List (Superfund) site? Yes

If yes, please explain: There is a NPL site located approx. 0.5 miles northwest of and downgradient from the site.

Within ¼ mile of listed Cortese, Leaking Underground Storage Tank, permitted Underground Storage Tank, or Brownfield site? No

If yes, please explain: N/A

Site located in a methane hazard zone? No

If yes, please explain: N/A

Site located within 200 feet of an oil or gas well? No

If yes, please explain: N/A

Site located within 1,000 feet of a landfill? No

If yes, please explain: N/A

Potential for methane exposure? No

If yes, please explain: N/A

Hazards

Site located in a Local fire hazard zone? Yes

If yes, please explain: LTE site is located within the "Very High" local fire hazard zone

Site located in a State fire hazard zone? No

If yes, please explain: N/A

FCC TOWAIR Results: N/A

Federal Aviation Administration (FAA) Part 77 Notification Required? N/A

Environmental Consequences and Impact Overview

Summary Impact Statement	Intensity of Impact		
	Direct	Indirect	Cumulative
Hazardous Materials	None	None	None
Worker Safety	None	None	None
Aeronautical Hazards	None	None	None
Wildland Fires	Not Significant	None	Not Significant
Methane Hazard	None	None	None
Radio Frequency Hazard	Not Significant	Not Significant	Not Significant

Discussion/Reference:

The site is located in a high fire hazard severity zone, and governed under the approved LA-RICS fire management plan. The LTE site is located at the top of a hill, and an NPL site is located approximately 0.5 mile down gradient from Site SDW. Project construction activities would not encounter the NPL site. It is geographically distant and down-gradient from the LTE site.

Reference: The EDR Radius MAP Report with Geotcheck, Inquiry Number 4008687.67s, dated July 16, 2014.

All radio frequency exposure levels will be below MPE limits set by the FCC for occupational and public settings. For each site where LTE equipment is deployed, confirmatory sampling will be conducted, and controlling measures identified in FCC Bulletin 65 will be implemented. Demonstration of compliance with FCC MPE guidelines is mandatory prior to operations at the site. As a result of these measures, no significant direct or indirect impacts due to radio frequency exposure are anticipated.