

**DRAFT**  
**PROGRAMMATIC ENVIRONMENTAL ASSESSMENT**

**LOS ANGELES REGIONAL INTEROPERABLE  
COMMUNICATIONS SYSTEM JOINT POWERS  
AUTHORITY LAND MOBILE RADIO PROJECT**

**APPENDICES**

Appendix A: Agency Correspondence

Appendix B: LMR Potential Project Site List

Appendix C: Scoping Letters

Appendix D: Best Management Practices

Appendix E: Proposed Project Equipment

Appendix F: Mitigation Measures

**March 2016**

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## **APPENDIX A**

### **AGENCY CORRESPONDENCE**

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**FEMA**

April 1, 2015

Mr. Paul Rodriguez  
Realty Specialist  
U.S. Department of Interior  
Bureau of Land Management  
Ridgecrest Field Office  
300 S. Richmond Rd.  
Ridgecrest, CA 93555

Subject: Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project  
FEMA HSGP 2010-SS-T0-0085 (17651)  
Sub-grantee: City of Los Angeles, CA

Dear Mr. Rodriguez,

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has received an application requesting funding for the installation of up to 90 emergency communications facilities in Southern California, located primarily in the County of Los Angeles, California for the purpose of creating a regional public safety interoperable land mobile radio system for the first and second responders of the greater Los Angeles area. These facilities would be selected from a total of 116 potential sites as shown in the enclosed Figure 1.

Funding assistance would be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (Cal OES) (Grantee), to the City of Los Angeles (Sub-grantee). The proposed facilities are collectively referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), which will be completed by the LA-RICS Joint Powers Authority, recipient to the HSGP.

Of the 116 sites being evaluated, one is located on federal land, administered by your agency, as shown on enclosed Table 1. This site will require review under your agency's regulations implementing the National Environmental Policy Act, and other applicable laws (e.g., Endangered Species Act, National Historic Preservation Act), regulations, and executive orders. As the entity considering funding assistance for this project, FEMA is required to coordinate with your Agency and proposes that it be considered a cooperating agency for the environmental compliance process for this project.

Paul Rodriguez  
April 1, 2015  
Page 2

Please contact me at your earliest convenience to coordinate the environmental and historic preservation review for this proposed action. I can be reached by phone at (510) 627-7284 or by e-mail at [Alessandro.Amaglio@fema.dhs.gov](mailto:Alessandro.Amaglio@fema.dhs.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read 'Alessandro', written over the word 'Sincerely,'.

Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

Attachments

Figure 1 LA RICS 116 Potential Sites

Table 1 Potential Project Sites Located on BLM Administered Lands

cc: Justin Duke, Cal OES  
Alisa Finsten, City of Los Angeles  
Nancy Yang, LA-RICS Authority  
Jim Hoyt, LA-RICS Authority

**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
BRK	Blue Rock	34.70182569	-117.8241003	1800 E Avenue I	Lancaster	93535

**Project Description**

Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Proposed construction of up to 200 foot long x 4 foot high retaining wall. Propose installation of up to 800 feet of chain-link fence up to 12 feet high.

- Temporary disturbance area (includes staging): Up to 5,000 square feet
- Permanent disturbance area: Up to 4,000 square feet
- Excavation: Up to 600 cubic yards removed
- Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.
- Proposed foundations include:
  - o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg
  - o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter
  - o Up to 200 square feet x 18 inch concrete slab for generator
- Demolition of existing pavement and/or structures



**FEMA**

September 3, 2015

Mr. Paul Rodriguez  
Realty Specialist  
U.S. Department of Interior  
Bureau of Land Management  
Ridgecrest Field Office  
300 S. Richmond Rd.  
Ridgecrest, CA 93555

**Re: Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project  
HSGP 2010-SS-T0-0085 (17651)  
Subrecipient: City of Los Angeles**

Dear Mr. Rodriguez,

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) is proposing to fund the installation of emergency communications facilities in Southern California, at sites located primarily in the County of Los Angeles, California (Proposed Action). Funding assistance will be provided by FEMA's Homeland Security Grant Program (HSGP), awarded to the California Governor's Office of Emergency Services (Cal OES) (Recipient), and passed through to the Los Angeles-Long Beach Urban Area (sub-recipient), of which the City of Los Angeles serves as the fiscal agent. The Proposed Action is referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), and will be completed by the LA-RICS Joint Powers Authority (Authority). The Homeland Security Act of 2002 authorizes the Department of Homeland Security to provide funding to states, territories, urban areas, and other local and tribal governments to prevent, protect against, mitigate, respond to, and recover from potential terrorist attacks and other hazards.

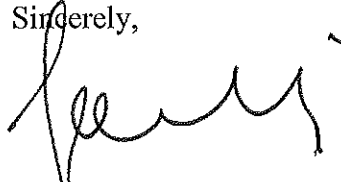
As stated in our letter dated April 1, 2015 to your Agency, some of the proposed installations are planned in areas within your land of jurisdiction and control. FEMA, like most of the federal agencies, has its own implementing regulations related to environmental laws. In order to streamline the process and avoid duplication, FEMA is seeking to reach an agreement with your Agency in terms of process and lead agency status while respectful of your own agency's requirements. Your agency may have specific implementing regulations for the National Environmental Policy Act (NEPA) and other laws, as well as, agreements and other programmatic tools in place which could streamline the approval process for these proposed actions within the boundaries of your land.

September 3, 2015

Page 2

With this letter we are requesting information regarding your agency's processes and requirements. We would like to propose a conference call at your earliest convenience to discuss this matter in the interest of expediting the required environmental review for this critical project. Please contact Jill S. Dale, Sr. Environmental Protection Specialist at (510) 627-7728 or at [jill.dale@fema.dhs.gov](mailto:jill.dale@fema.dhs.gov) to identify an appropriate time to discuss the project needs. We look forward to hearing from you in the near future.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alessandro Amaglio', with a stylized flourish at the end.

Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

cc: Ursula Harelson, Cal OES  
Alisa Finsten, City of Los Angeles  
Pat Mallon, LA-RICS Authority





**FEMA**

January 26, 2016

Mr. Paul Rodriguez  
Realty Specialist  
U.S. Department of Interior  
Bureau of Land Management  
Ridgecrest Field Office  
300 S. Richmond Rd.  
Ridgecrest, CA 93555

Subject: Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project  
FEMA HSGP 2010-SS-T0-0085 (17651)  
Subgrantee: City of Los Angeles, CA

Dear Mr. Rodriguez,

The U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has received an application requesting funding for the installation of up to 90 emergency communications facilities in Southern California, located primarily in the County of Los Angeles, California for the purpose of creating a regional public safety interoperable land mobile radio system for the first and second responders of the greater Los Angeles area. Funding assistance would be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (CalOES) (Grantee), to the City of Los Angeles (Sub-grantee). The proposed facilities are collectively referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), which will be completed by the LA-RICS Joint Powers Authority, recipient to the HSGP.


Initially, 116 potential sites were considered from which up to 90 sites would be selected for the LMR project. One of the 116 sites was located on federal land administered by your agency, as shown on enclosed Table 1. As this site would have required review under your agency's regulations implementing the National Environmental Policy Act and other applicable laws (e.g., Endangered Species Act, National Historic Preservation Act), regulations, and executive orders, FEMA, as the entity considering funding assistance for this project, was required to coordinate with your Agency and initiated coordination for the environmental and historic preservation review for this proposed action per a letter dated April 1, 2015.

This letter is to advise your Agency that the site depicted in Table 1 has been removed from further consideration for the proposed action due to design and constructability constraints, and that FEMA will discontinue further consultation and coordination on this potential site.

Paul Rodriguez  
January 26, 2016  
Page 2

If you have any questions, please contact, Jill Dale at (510) 627-7728 by phone or [Jill.Dale@fema.dhs.gov](mailto:Jill.Dale@fema.dhs.gov). I can be reached by phone at (510) 627-7284 or by email at [Alessandro.Amaglio@fema.dhs.gov](mailto:Alessandro.Amaglio@fema.dhs.gov). Your cooperation during the prior coordination regarding this potential site is appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. Amaglio', with a long horizontal flourish extending to the right.

Alessandro Amaglio  
Regional Environmental Officer  
FEMA Region IX

Attachment

cc: Justin Duke, Cal OES  
Alisa Finsten, City of Los Angeles  
Nancy Yang, LA-RICS Authority  
Beth Defend, LA-RICS Authority



**TABLE 1. POTENTIAL PROJECT SITE LOCATED ON BUREAU OF LAND MANAGEMENT-ADMINISTERED LAND  
Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
BRK	Blue Rock	34.70182569	-117.8241003	1800 E Avenue I	Lancaster	93535
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Proposed construction of up to 200 foot long x 4 foot high retaining wall. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						



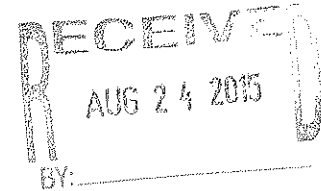
**CALIFORNIA COASTAL COMMISSION**

45 FREMONT, SUITE 2000  
SAN FRANCISCO, CA 94105-2219  
VOICE (415) 904-5200  
FAX (415) 904-5400  
TDD (415) 597-5885



August 18, 2015

Jill S. Dale  
Grants Program Sr. Environmental Specialist  
1111 Broadway, Suite 1200  
Oakland, CA 94607



Re: NEPA Compliance, LA-RICS Network, Los Angeles County

Dear Ms. Dale:

On April 24, 2014, the Coastal Commission (CCC) staff provided a preliminary concurrence with the above-referenced project, submitted by the Los Angeles Regional Interoperable Communications System Authority (LA-RICSA) (CCC Reference No. NE-0004-14). This preliminary concurrence was for federal funding for the network, and through our discussions with LA-RICS, it was mutually understood that specific individual projects would subsequently undergo further review and regulatory authorizations, as discussed in the attached letter.

We would expect any Programmatic Environmental Assessment you may be preparing or assisting in would reflect this understanding. Please feel free to contact me at (415) 904-5289 (or by email at [mdelaplaine@coastal.ca.gov](mailto:mdelaplaine@coastal.ca.gov)) if you have any questions regarding this matter.

Sincerely,

A handwritten signature in dark ink, appearing to read "Mark Delaplaine".

MARK DELAPLAINE  
Manager, Energy, Ocean Resources,  
and Federal Consistency Division

Attachment

cc: CCC – South Coast District  
CCC – South Central Coast District  
Patrick J. Mallon, Executive Director  
LA-RICSA  
2525 Corporate Place, Suite 200  
Monterey Park, CA 91754

**CALIFORNIA COASTAL COMMISSION**

45 FREMONT, SUITE 2000  
SAN FRANCISCO, CA 94105-2219  
VOICE (415) 904-5200  
FAX (415) 904-5400  
TDD (415) 597-5885



April 24, 2014

Patrick J. Mallon  
Executive Director  
LA-RICSA  
2525 Corporate Place, Suite 200  
Monterey Park, CA 91754

Subject: No-Effects Determination NE-0004-14 (Federal Funding for Public Safety Broadband Network, Los Angeles County)

Dear Mr. Mallon:

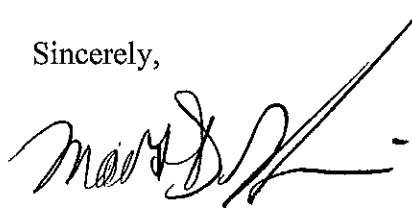
The Coastal Commission staff has reviewed the above-referenced no-effects determination. The Los Angeles Regional Interoperable Communications System Authority (LA-RICSA) proposes to construct a public safety broadband network to provide emergency responders in Los Angeles County with a county-wide, high-speed broadband network dedicated to public safety. The project will be funded through a grant from the National Telecommunications Information Administration (NTIA) in the Department of Commerce and with some local matching funding. Project communication equipment will be installed at 231 sites that are primarily existing public safety facilities or communications sites. Fifteen of the sites are located within the coastal zone.

The NTIA has requested confirmation from the LA-RICSA that the proposed communications project is consistent with the California Coastal Management Program (CCMP) prior to completing the Environmental Assessment (EA) for the project and making a final decision on project funding. The EA will acknowledge the need for and requires that coastal development permits (CDPs) be obtained by the LA-RICSA prior to construction of those project facilities located in the coastal zone. Application and processing of the CDPs will involve the Coastal Commission and/or local governments, depending on the location of the project sites. However, this application process cannot begin until the NTIA completes the EA, issues a Finding of No Significant Impact, and makes a decision to release the federal funding. To move this process forward, the LA-RICSA is requesting concurrence with its no-effects determination that the federal funding of the project is consistent with the CCMP.

The Commission staff **agrees** that the proposed federal funding of the broadband communications network will not adversely affect coastal resources and it consistent with the CCMP. This concurrence does not provide for the construction of any project facilities; that action will require the LA-RICSA to first obtain CDPs from the Commission and/or local

governments for each of the 15 project sites in the coastal zone. Please contact Larry Simon at (415) 904-5288 should you have any questions regarding this matter.

Sincerely,

A handwritten signature in dark ink, appearing to read "Charles Lester", with a long, sweeping horizontal line extending to the right.

(for)

CHARLES LESTER  
Executive Director

cc: CCC – South Coast District  
CCC – South Central Coast District



**FEMA**

May 14, 2015

Mr. Wayne Darrington  
Lead Realty Specialist  
Federal Aviation Administration  
Real Estate and Utilities Group, AWP-53  
15000 Aviation Blvd  
Lawndale, CA 90261

Subject: Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project  
FEMA HSGP 2010-SS-T0-0085 (17651)  
Recipient: City of Los Angeles, CA

Dear Mr. Darrington,

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has received an application requesting funding for the installation of up to 90 emergency communications facilities in Southern California, located primarily in the County of Los Angeles, California for the purpose of creating a regional public safety interoperable land mobile radio system for the first and second responders of the greater Los Angeles area. These facilities would be selected from a total of 116 potential sites.

Funding assistance would be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (Cal OES), to the City of Los Angeles (Recipient). The proposed facilities are collectively referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), which will be completed by the LA-RICS Joint Powers Authority, recipient to the HSGP.

Of the 116 sites being evaluated, one is located on federal land, administered by your agency, as shown on enclosed Table 1. This site will require review under your agency's regulations implementing the National Environmental Policy Act, and other applicable laws (e.g., Endangered Species Act, National Historic Preservation Act), regulations, and executive orders. As the entity considering funding assistance for this project, FEMA is willing to be considered a cooperating agency for the environmental compliance process for this project.

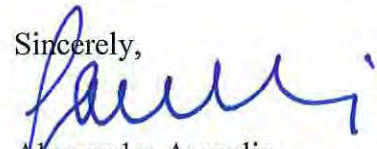
Wayne Darrington

May 14, 2015

Page 2

Please contact me at your earliest convenience to coordinate the environmental and historic preservation review for this proposed action. I can be reached by phone at (510) 627-7284 or by e-mail at [Alessandro.Amaglio@fema.dhs.gov](mailto:Alessandro.Amaglio@fema.dhs.gov).

Sincerely,



Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

Attachments

cc: Justin Duke, Cal OES  
Alisa Finsten, City of Los Angeles  
Nancy Yang, LA-RICS Authority  
Jim Hoyt, LA-RICS Authority



**TABLE 1. POTENTIAL PROJECT SITE LOCATED ON FEDERAL AVIATION ADMINISTRATION-ADMINISTERED LAND  
Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
SPC	San Pedro Hill	33.7465863903	-118.3357998	3860 Crest Road East	Rancho Palos Verdes	90274
<b>Project Description</b> Propose installation of a total of up to 20 whip and up to 5 microwave antennas on 3 new monopoles up to 50 feet tall, with additional up to 15 foot lightning rod on each. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefab or CMU) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 3,000 square feet</li> <li>• Excavation: Up to 150 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 48 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 8 foot diameter x 36 foot deep drilled caisson with concrete cap for monopole support; or up to 16 foot x 16 foot x 10 foot deep concrete mat foundation</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						



**FEMA**

September 3, 2015

Mr. Patrick Dicks  
Lead Realty Specialist  
Federal Aviation Administration  
Real Estate and Utilities Group, AWP-53  
15000 Aviation Blvd  
Lawndale, CA 90261

Re: **Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project**  
**HSGP 2010-SS-T0-0085 (17651)**  
**Subrecipient: City of Los Angeles**

Dear Mr. Dicks,

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) is proposing to fund the installation of emergency communications facilities in Southern California, at sites located primarily in the County of Los Angeles, California (Proposed Action). Funding assistance will be provided by FEMA's Homeland Security Grant Program (HSGP), awarded to the California Governor's Office of Emergency Services (Cal OES) (Recipient), and passed through to the Los Angeles-Long Beach Urban Area (sub-recipient), of which the City of Los Angeles serves as the fiscal agent. The Proposed Action is referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), and will be completed by the LA-RICS Joint Powers Authority (Authority). The Homeland Security Act of 2002 authorizes the Department of Homeland Security to provide funding to states, territories, urban areas, and other local and tribal governments to prevent, protect against, mitigate, respond to, and recover from potential terrorist attacks and other hazards.

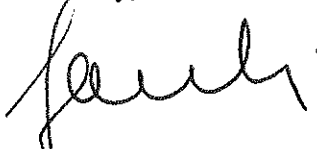
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September 3, 2015

Page 2

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Sincerely,

A handwritten signature in black ink, appearing to read 'Amaglio', with a stylized flourish at the end.

Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

cc: Ursula Harelson, Cal OES  
Alisa Finsten, City of Los Angeles  
Pat Mallon, LA-RICS Authority





**FEMA**

January 26, 2016

Ms. Bryana Pugh  
Real Estate Contracting Officer  
Federal Aviation Administration  
Western Service Area  
15000 Aviation Blvd  
Lawndale, CA 90261

Subject: Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project  
FEMA HSGP 2010-SS-T0-0085 (17651)  
Subgrantee: City of Los Angeles, CA

Dear Ms. Pugh,

The U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has received an application requesting funding for the installation of up to 90 emergency communications facilities in Southern California, located primarily in the County of Los Angeles, California for the purpose of creating a regional public safety interoperable land mobile radio system for the first and second responders of the greater Los Angeles area. Funding assistance would be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (CalOES) (Grantee), to the City of Los Angeles (Sub-grantee). The proposed facilities are collectively referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), which will be completed by the LA-RICS Joint Powers Authority, recipient to the HSGP.

Initially, 116 potential sites were considered from which up to 90 sites would be selected for the LMR project. One of the 116 sites was located on federal land administered by your agency, as shown on enclosed Table 1. As this site would have required review under your agency's regulations implementing the National Environmental Policy Act, and other applicable laws (e.g., Endangered Species Act, National Historic Preservation Act), regulations, and executive orders, FEMA, as the entity considering funding assistance for this project, was required to coordinate with your Agency and initiated coordination for the environmental and historic preservation review for this proposed action per a letter dated May 14, 2015 to Mr. Wayne Darrington.

This letter is to advise your Agency that the site depicted in Table 1 has been removed from further consideration for the proposed action due to design and constructability constraints, and that FEMA will discontinue further consultation and coordination on this potential site.

Bryana Pugh  
January 26, 2016  
Page 2

If you have any questions, please contact, Jill Dale at (510) 627-7728 by phone or [Jill.Dale@fema.dhs.gov](mailto:Jill.Dale@fema.dhs.gov). I can be reached by phone at (510) 627-7284 or by email at [Alessandro.Amaglio@fema.dhs.gov](mailto:Alessandro.Amaglio@fema.dhs.gov). Your cooperation during the prior coordination regarding this potential site is appreciated.

Sincerely,



for

Alessandro Amaglio  
Regional Environmental Officer  
FEMA Region IX

Attachment

cc: Justin Duke, Cal OES  
Alisa Finsten, City of Los Angeles  
Nancy Yang, LA-RICS Authority  
Beth Defend, LA-RICS Authority

**TABLE 1. POTENTIAL PROJECT SITE LOCATED ON FEDERAL AVIATION ADMINISTRATION-ADMINISTERED LAND**  
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**FEMA**

May 15, 2015

Jeffrey S. Steinberg  
Deputy Chief  
Competition and Infrastructure Policy Division  
Wireless Telecommunications Bureau  
Federal Communications Commission  
445 12<sup>th</sup> Street, SW  
Washington, DC 20554

Subject: Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project  
FEMA HSGP 2010-SS-T0-0085 (17651)

Dear Mr. Steinberg:

The U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has received an application requesting funding for the installation of up to 90 emergency communications facilities in Southern California, located primarily in the County of Los Angeles, California, for the purpose of creating a regional public safety interoperable land mobile radio system for the first and second responders of the greater Los Angeles area. These facilities would be selected from a total of 116 potential sites.

Funding assistance would be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (Cal OES), to the City of Los Angeles (Subgrantee). The proposed facilities are collectively referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), which will be completed by the LA-RICS Joint Powers Authority, recipient of the HSGP grant(s).

Due to the complexity of the proposed action, as well as many undefined factors for some of the locations involved in the project, FEMA is initiating the preparation of a Programmatic Environmental Assessment (PEA) to satisfy the requirements of the National Environmental Policy Act (NEPA) and its implementing regulations found in the Code of Federal Regulations (CFR) 44 Part 10.

As the construction and operation of the proposed system is subject to licensing by the Federal Communication Commission (FCC), FEMA will use the Advisory Council on Historic

Preservation's (ACHP) Program Comment (*Program Comment for Streamlining Section 106 Review for Wireless Communication Facilities Construction and Modification Subject to Review Under the FCC Nationwide Programmatic Agreement and/or the Nationwide Programmatic Agreement for the Collocation of Wireless Antenna*, October 2009) for those sites in non-federal land<sup>1</sup> which will be subject to Section 106 review under one of the two Programmatic Agreements (PAs) that were developed through consultation among, and approved by, the FCC, the ACHP, and the National Conference of State Historic Preservation Officers (NCSHPO). The two PAs are:

- the *National Programmatic Agreement for the Collocation of Wireless Antennas* (March 2001) (Collocation PA)
- the *Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (FCC)* (September 2004) (Nationwide PA).

In accordance with 40 C.F.R. § 1501.6, FEMA requests the involvement of the FCC as a cooperating agency with a focus on those areas within the FCC's jurisdiction, licensing, or area of expertise. As a cooperating agency pursuant to NEPA, your involvement in the preparation of the PEA would include, but not necessarily be limited to, the following activities:

1. Attend and contribute to coordination and scoping meetings;
2. Comment on the PEA coordination plan, including its schedule;
3. Provide comments on the purpose and need, identification of the range of alternatives to be studied, criteria used to select and analyze the range of reasonable alternatives, and identification of environmental impacts;
4. Review and comment as early as practicable on environmental and socioeconomic resources located within the project areas;
5. Review and comment as early as practicable on any legal agreements that are developed to address environmental concerns;
6. Identify as early as practicable any issues regarding the project's environmental and socioeconomic impacts that could substantially delay or prevent the granting of any permit or other approval;
7. Assume the responsibility of Lead Federal Agency under Section 106 of the National Historic Preservation Act (NHPA);
8. Identify issues, concerns and any technical studies that the PEA should address to support the FCC in fulfilling its NEPA, NHPA, Section 7 of the Endangered Species Act (ESA), or other responsibilities, and any other requirements regarding jurisdictional permits and/or other approvals;
9. Review and comment as early as practicable on administrative draft material, particularly sections relevant to FCC's purview; and
10. Make available staff support at FEMA request in its role of the lead agency, to enhance the latter's interdisciplinary capability.

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<sup>1</sup> The proposed action also includes approximately 30 installations on Federal agencies land; NEPA and other statutes will be governed by those agencies' implementing regulations.




Mr. Jeffrey S. Steinberg  
May 15, 2015  
Page 3 of 3

FEMA's intent is that the PEA will enable you to fulfill your jurisdictional legal obligations. Likewise, your responsibility is to advise us if, at any point in the process, your needs are not being met. We expect that at the end of the process the PEA will satisfy your NEPA requirements, including those related to project alternatives, environmental consequences and mitigation.

We look forward to your response to our request to be a cooperating agency and to working with you to advance this regionally significant preparedness project. The favor of a reply is requested by no later than May 30, 2015. Should your agency determine that other program commitments preclude any involvement or the degree of involvement requested in the action that is the subject of the PEA, a copy of this reply shall be submitted to the Council of Environmental Quality (CEQ) pursuant to 40 CFR § 1501.6.

Should you like to discuss the project in more detail, or our agencies' respective roles and responsibilities during the preparation of this PEA, please contact me directly at [alessandro.amaglio@fema.dhs.gov](mailto:alessandro.amaglio@fema.dhs.gov) or at 520-627-7284.

Sincerely,



Alessandro Amaglio  
Environmental Officer  
FEMA Region IX



**FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON DC 20554**

Mr. Alessandro Amaglio  
Regional Environmental Officer  
FEMA R IX-U.S. Department of Homeland Security  
1111 Broadway, Suite 1200  
Oakland, California 94607-4052

June 19, 2015

Dear Mr. Amaglio:

On May 15, 2015, the U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) notified the Federal Communications Commission (FCC) of its intent to prepare a Programmatic Environmental Assessment (PEA) to satisfy the requirements of the National Environmental Policy Act (NEPA) associated with FEMA's funding of the Los Angeles Regional Interoperable Communications System (LA-RICS) Land Mobile Radio (LMR) Project through the Homeland Security Grant Program (HSGP).

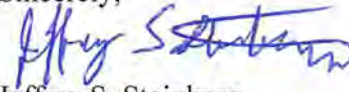
The construction and operation of the proposed LMR system is subject to licensing by the FCC, so FEMA notified the California State Historic Preservation Office (SHPO) that it would apply the Advisory Council on Historic Preservation's (ACHP) *Program Comment for Streamlining Section 106 Review for Wireless Communication Facilities Construction and Modification Subject to Review Under the FCC Nationwide Programmatic Agreement and/or the Nationwide Programmatic Agreement for the Collocation of Wireless Antenna* to comply with the National Historic Preservation Act (NHPA) for towers and collocation sites that LA-RICS proposes to construct on non-federal lands. The Program Comment relieves FEMA's responsibility for NHPA compliance for these sites, and renders the FCC as the lead agency for their Section 106 review.

In accordance with 40 C.F.R. § 1501.6, FEMA requested the involvement of the FCC as a cooperating agency for NEPA, with a focus on those areas within the FCC's jurisdiction, licensing, or area of expertise. In initiating the PEA, FEMA has assumed lead agency responsibility for determining whether LA-RICS' proposed LMR facilities will have a significant effect on the quality of the human environment. We therefore anticipate that FEMA's PEA will satisfy our NEPA procedures under 47 C.F.R. § 1.1311(e). The FCC accepts cooperating agency status in the interest of most efficiently integrating our Section 106 requirements and findings into the PEA process, as well as otherwise providing our relevant expertise.

With regard to the nature of the FCC's involvement as a cooperating agency, while we will provide support for the scoping process as contemplated under 40 C.F.R. § 1501.6, we do not anticipate attending scoping meetings. In the event FEMA anticipates a specific need for the FCC's expertise at any scoping meeting, we will discuss what assistance we can provide consistent with the availability of resources. More generally, we anticipate that our contribution of staff support will consist largely of the performing the tasks described in your letter of May 15, 2015, and we expect that our ability to provide staff resources beyond those tasks would be quite limited.

If you have any questions, please call Jill Springer at 202-418-1345.

Sincerely,



Jeffrey S. Steinberg

Deputy Chief

Competition and Infrastructure Policy Division

Wireless Telecommunications Bureau





## **LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY**

2525 Corporate Place, Suite 100  
Monterey Park, California 91754  
[www.la-rics.org](http://www.la-rics.org)  
(323) 881-8291

PATRICK J. MALLON  
EXECUTIVE DIRECTOR

William W. Stelle, Jr.  
Regional Administrator  
c/o Darren Howe  
Natural Resource Management  
NOAA Fisheries West Coast Region  
U.S. Department of Commerce  
California Coastal Area  
North Central Coast Office  
777 Sonoma Avenue, Room 325  
Santa Rosa, CA 95404

### **SPECIES LIST REQUEST FOR THE LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATION SYSTEM LAND MOBILE RADIO PROJECT**

Dear Mr. Stelle:

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has designated the Los Angeles Regional Interoperable Communications System (LA-RICS) Joint Powers Authority (Authority) as FEMA's non-Federal representative for the proposed Land Mobile Radio (LMR) Project (or simply the LMR project) for purposes of the Endangered Species Act (ESA) Section 7 consultation process (reference the enclosed FEMA designation letter dated February 3, 2015). FEMA proposes to provide federal financial assistance for the installation of LMR project communications facilities in Southern California (Undertakings), located primarily in the County of Los Angeles, California, for the purpose of creating a regional public safety interoperable land mobile radio system for the first and second responders of the greater Los Angeles area. Funding assistance will be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (Cal OES) (Grantee), to the City of Los Angeles (Subgrantee). The project will be completed by the LA-RICS Authority which is a sub-recipient of the HSGP grant via a sub-recipient agreement with the Subgrantee. The LA-RICS Authority will provide FEMA with data and analyses evaluating the effects of the Proposed Action.

**Project Overview.** The proposed LA-RICS LMR project will provide an integrated, wireless voice-and-narrowband data communications system (the LMR system) developed to serve law enforcement, fire department, health service, and public works professionals throughout the greater Los Angeles area. This system will enable day-to-day communications within and among agencies, by providing seamless interagency communications when responding to routine, emergency, and catastrophic events. The system will support approximately 34,000 first responders and 17,000 secondary responders, and will provide protection for more than 10 million residents and 26 million annual Los Angeles area visitors. The proposed LMR project involves the placement of public safety communication facilities, including lattice towers, monopoles, antennas, emergency generators, and other equipment in a system of sites located within and throughout Los Angeles County and immediately adjacent areas. Please note that no prior communication between LA-RICS Authority and National Marine Fisheries Service (NMFS) regarding or related to the proposed LA-RICS LMR project has occurred previously.

We request a species list that covers the greater Los Angeles County area of the proposed LA-RICS LMR project. We request the list includes species that are federally listed, candidate, or proposed for listing, and critical habitat and proposed critical habitat that may be affected by the proposed LMR project

If any issues or questions arise during the consultation process, please contact me at (323) 881-8291 or by email at [pat.mallon@la-rics.org](mailto:pat.mallon@la-rics.org), or Nancy Yang at (323) 881-8049 or by email at [nancy.yang@la-rics.org](mailto:nancy.yang@la-rics.org). We appreciate the time and assistance from the NMFS to help complete this grant award endeavor. Should you have any questions, please do not hesitate to contact me.

Sincerely,



PATRICK J. MALLON  
EXECUTIVE DIRECTOR

Enclosure

c: Alessandro Amaglio, FEMA Region IX  
Justin Duke, Cal OES  
Alisa Finsten, City of Los Angeles  
Nancy Yang, LA-RICS



**FEMA**

April 1, 2015

Ms. Melanie Beck  
Outdoor Recreation Planner  
Department of Interior  
National Park Service  
Santa Monica Mountains National Recreation Area  
401 West Hillcrest Dr.  
Thousand Oaks, CA 91360

Subject: Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project  
FEMA HSGP 2010-SS-T0-0085 (17651)  
Sub-grantee: City of Los Angeles, CA

Dear Ms. Beck,

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has received an application requesting funding for the installation of up to 90 emergency communications facilities in Southern California, located primarily in the County of Los Angeles, California for the purpose of creating a regional public safety interoperable land mobile radio system for the first and second responders of the greater Los Angeles area. These facilities would be selected from a total of 116 potential sites as shown in the enclosed Figure 1.

Funding assistance would be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (Cal OES) (Grantee), to the City of Los Angeles (Sub-grantee). The proposed facilities are collectively referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), which will be completed by the LA-RICS Joint Powers Authority, recipient to the HSGP.

Of the 116 sites being evaluated, two are located on federal land, administered by your agency, as shown on enclosed Table 1. These sites will require review under your agency's regulations implementing the National Environmental Policy Act, and other applicable laws (e.g., Endangered Species Act, National Historic Preservation Act), regulations, and executive orders. As the entity considering funding assistance for this project, FEMA is required to coordinate with your Agency and proposes that it be considered a cooperating agency for the environmental compliance process for this project.

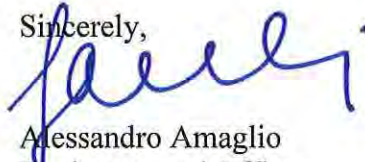
Melanie Beck

April 1, 2015

Page 2

Please contact me at your earliest convenience to coordinate the environmental and historic preservation review for this proposed action. I can be reached by phone at (510) 627-7284 or by e-mail at [Alessandro.Amaglio@fema.dhs.gov](mailto:Alessandro.Amaglio@fema.dhs.gov).

Sincerely,



Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

Attachments

Figure 1 LA RICS 116 Potential Sites

Table 1 Potential Project Sites Located on NPS Administered Lands

cc: Justin Duke, Cal OES  
Alisa Finsten, City of Los Angeles  
Nancy Yang, LA-RICS Authority  
Jim Hoyt, LA-RICS Authority

**TABLE 1. POTENTIAL PROJECT SITES LOCATED ON NATIONAL PARK SERVICE-ADMINISTERED LAND**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
LACFCP08	LA County Fire Camp 8	34.05958414	-118.6470593	Unnamed road – nearest intersection Rambla Pacifico St	Malibu	90265
<b>Project Description</b> Propose installation of up to 27 whip and up to 5 microwave antennas on new monopole up to 70 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 3,000 square feet</li> <li>• Excavation: Up to 150 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 48 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 8 foot diameter x 36 foot deep drilled caisson with concrete cap for monopole support; or up to 16 foot x 16 foot x 10 foot deep concrete mat foundation</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						
PWT	Portshead Water Tank	34.03390836	-118.8026637	5961 S. Cavalleri Rod	Malibu	90265
<b>Project Description</b> Propose installation of up to 20 whip and up to 5 microwave antennas on new monopole up to 28 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 3,000 square feet</li> <li>• Excavation: Up to 150 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 48 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 8 foot diameter x 36 foot deep drilled caisson with concrete cap for monopole support; or up to 16 foot x 16 foot x 10 foot deep concrete mat foundation</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						





**FEMA**

September 3, 2015

Ms. Melanie Beck  
Outdoor Recreation Planner  
Department of Interior  
National Park Service  
Santa Monica Mountains National Recreation Area  
401 West Hillcrest Dr.  
Thousand Oaks, CA 91360

**Re: Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile  
Radio (LMR) Project  
HSGP 2010-SS-T0-0085 (17651)  
Subrecipient: City of Los Angeles**

Dear Ms. Beck,

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) is proposing to fund the installation of emergency communications facilities in Southern California, at sites located primarily in the County of Los Angeles, California (Proposed Action). Funding assistance will be provided by FEMA's Homeland Security Grant Program (HSGP), awarded to the California Governor's Office of Emergency Services (Cal OES) (Recipient), and passed through to the Los Angeles-Long Beach Urban Area (sub-recipient), of which the City of Los Angeles serves as the fiscal agent. The Proposed Action is referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), and will be completed by the LA-RICS Joint Powers Authority (Authority). The Homeland Security Act of 2002 authorizes the Department of Homeland Security to provide funding to states, territories, urban areas, and other local and tribal governments to prevent, protect against, mitigate, respond to, and recover from potential terrorist attacks and other hazards.

As stated in our letter dated April 1, 2015 to your Agency, some of the proposed installations are planned in areas within your land of jurisdiction and control. FEMA, like most of the federal agencies, has its own implementing regulations related to environmental laws. In order to streamline the process and avoid duplication, FEMA is seeking to reach an agreement with your Agency in terms of process and lead agency status while respectful of your own agency's requirements. Your agency may have specific implementing regulations for the National Environmental Policy Act (NEPA) and other laws, as well as, agreements and other programmatic tools in place which could streamline the approval process for these proposed actions within the boundaries of your land.

September 3, 2015

Page 2

With this letter we are requesting information regarding your agency's processes and requirements. We would like to propose a conference call at your earliest convenience to discuss this matter in the interest of expediting the required environmental review for this critical project. Please contact Jill S. Dale, Sr. Environmental Protection Specialist at (510) 627-7728 or at [jill.dale@fema.dhs.gov](mailto:jill.dale@fema.dhs.gov) to identify an appropriate time to discuss the project needs. We look forward to hearing from you in the near future.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. Amaglio', written over a horizontal line.

Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

cc: Ursula Harelson, Cal OES  
Alisa Finsten, City of Los Angeles  
Pat Mallon, LA-RICS Authority



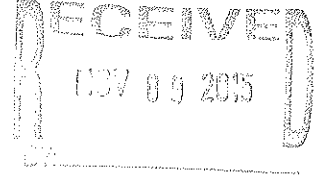
## United States Department of the Interior

NATIONAL PARK SERVICE  
Santa Monica Mountains National Recreation Area  
401 West Hillcrest Drive  
Thousand Oaks, California 91360-4207

In reply refer to:  
L76 (SAMO)

November 3, 2015

Alessandro Amaglio, Environmental Officer, FEMA, Region IX  
U.S. Department of Homeland Security, Region IX  
1111 Broadway, Suite 1200  
Oakland, CA 94607-4052



Dear Mr. Amaglio:

The National Park Service (NPS) has received your letter of September 3, 2015, concerning the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project, HSGP-2010-SS-T0-0085 (17651). Your letter requested NPS advisement on the NPS permitting process and lead agency status for proposed LMR installations on federal parkland. Per conversations with LA-RICS staff and consultants, we understand LA-RICS is contemplating an LMR tower on NPS-managed federal parkland within Santa Monica Mountains National Recreation Area (SMMNRA) in lower Zuma Canyon, to be co-located at the LA County Waterworks District 29 Portshead water storage tank site (Portshead Tank).

LMR telecommunications facilities on federal parkland require an NPS-issued Right-of-Way (ROW) permit. Overall, NPS carries out its own NEPA-based evaluation of potential impacts of a proposed telecommunications facility (TF) on federal parkland. Therefore, in regards to your question about lead agency for the proposed Portshead Tank TF project or any other proposed TF on NPS land within SMMNRA, it would be NPS.

On July 13, 2015, NPS staff from SMMNRA and the NPS Pacific West Region office held a conference call with LA-RICS staff and consultants. The call was a pre-application meeting to brief the LA-RICS team on how to apply for a ROW permit using the SF 299 Application for Transportation and Utility Systems and Facilities on Federal Lands and the NPS process to evaluate, prepare, and issue the ROW permit. This letter outlines the process discussed during the phone meeting.

1. LA RICS staff and consultants complete the SF 299 application form and submit it to NPS at SMMNRA. If the proposed LMR tower is to be co-located at the County-owned Portshead Tank location, LA RICS must provide documentation from the County granting permission to co-locate.
2. NPS staff reviews the SF 299 application and either deems it complete or requests any missing additional information. Assuming the SF 299 application is complete, NPS determines if NPS will or will not proceed with NEPA review of the facility and the



permitting process. Within 60 days, NPS notifies LA RICS staff of the determination to proceed, or not, with the NEPA review. Please note that the determination to proceed with the review is not a guarantee that the facility will be permitted by NPS.

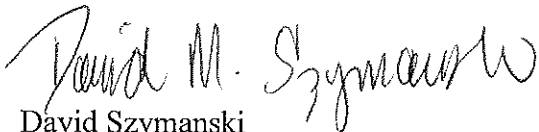
3. NPS determines the appropriate NEPA pathway for environmental review. In most cases, an Environmental Assessment is selected. LA RICS staff and consultants draft environmental review documents and other materials and mailing lists needed for the environmental review process, with NPS in a reviewing and certifying role.
4. Assuming the NEPA review indicates it would be acceptable to locate a TF at the proposed location, NPS prepares the ROW permit and addresses issues such as lease valuation and payment (36 CFR §14.26).

The time from SF 299 submission to issuance of a ROW permit may be one to two years, depending on the complexity of the project and agency staffing availability.

While this letter focuses on the proposed Portthead Tank location, the process would apply to any other proposed LMR tower location on NPS-managed federal parkland within SMMNRA.

Thank you for seeking NPS advisement on the LMR tower permitting process. If you have questions, please call Melanie Beck at (805)370-2346.

Sincerely,



David Szymanski  
Superintendent

cc: Jill S. Dale, Senior Environmental Protection Specialist, FEMA, DHS  
Dave Reynolds, Right-of-Way Program Manager, National Park Service  
Jean Boscacci, Realty Specialist, Pacific West Region, National Park Service



**FEMA**

December 5, 2014



Ms. Carol Roland-Nawi, Ph.D.  
State Historic Preservation Officer  
Office of Historic Preservation  
1725 23<sup>rd</sup> Street, Suite 100  
Sacramento, CA 95816  
Attention: Mr. Mark A. Beason

Re: Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile  
Radio (LMR) Project  
FEMA HSGP 2010-SS-T0-0085 (17651)  
Subgrantee: City of Los Angeles, CA

Dear Dr. Roland-Nawi:

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) proposes to fund the installation of up to 90 emergency communications facilities in Southern California, with sites located primarily in the County of Los Angeles, selected from a total of 120 potential sites.

Funding assistance will be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (Cal OES) (Grantee), to the City of Los Angeles (Subgrantee). The Undertakings are collectively referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), which will be completed by the LA-RICS Joint Powers Authority (Authority), a sub-recipient of the HSGP.

With this informational letter, FEMA is initiating Section 106 consultation on the Undertakings at the 120 potential sites with the State Historic Preservation Officer (SHPO), pursuant to the 2014 FEMA/California Programmatic Agreement among FEMA, the SHPO, and Cal OES (Agreement).

### **Project Summary**

The proposed Undertakings will provide an integrated, wireless, voice-and-narrowband data communications system (the LMR system), developed to serve law enforcement, fire department, health service, and public works professionals throughout the greater Los Angeles area. This system will enable day-to-day communications within and among agencies, by providing seamless interagency communications when responding to routine, emergency, and catastrophic events. The system will support approximately 34,000 first responders and 17,000 secondary responders, and will provide protection for more than 10 million residents and 26

million annual Los Angeles area visitors. It will be one of the largest public service communications projects ever undertaken in the United States (Figure 1).

### **Lead Federal Agencies**

The 120 sites being evaluated for the LMR project are listed in Table 1. Of these, there are 89 potential sites with Undertakings that are within the jurisdiction of the Federal Communications Commission (FCC), and within the scope of its Section 106 Programmatic Agreements for communication facilities. Pursuant to Subsection I.A.1. of the FEMA/California Agreement, FEMA will defer Section 106 review in accordance with the ACHP Program Comment of October 2009. Funding approval for these Undertakings will be conditioned on the Authority's compliance with the FCC's Section 106 review, including any required consultation with Federally-recognized Tribes (Tribes).

The other 31 potential sites are located on land owned by six other Federal agencies (OFA's) (highlighted in Table 1, and listed in Table 2). FEMA will consult with these OFA's, and may be designated as the lead Federal agency for some or all (or none) of the related Undertakings, pursuant to 36 CFR § 800.2(a)(2), to fulfill our collective Section 106 responsibilities. As these OFA's are not party to the FEMA/California Agreement, that Agreement would not apply to these Undertakings. Should FEMA be designated as the lead agency for any of the Undertakings, we would notify your office of these designations, and would review the Undertakings under 36 CFR Part 800.

Conversely, the OFA's may not designate FEMA as the lead agency for some or all of the Undertakings, and would consult directly with the SHPO, or use a program alternative pursuant to 36 CFR § 800.14, to fulfill our collective Section 106 responsibilities.

### **Proposed Undertakings**

As noted above, the Authority plans to construct up to 90 LMR facilities, at sites selected from the 120 potential sites. The additional sites are being considered with the expectation that a portion of the sites may be determined to be not viable during site evaluation, system engineering, permitting processes, or lease agreement negotiations with property owners. The 120 potential sites are dispersed across urban and rural areas, and they range from coastal locations, to downtown Los Angeles, to remote mountain peaks, to high desert environments.

To the maximum extent possible, the sites are on, or adjacent to, existing facilities with communication systems (e.g., rooftops of public buildings, police or fire stations, hospitals, water tanks, etc.). Required new components will vary from site-to-site, depending on the existing topography and infrastructure. However, only three major components are needed at each site (whether existing or new): an antenna structure, a shelter for communications equipment, and an emergency generator. A detailed description of all possible components is provided in the Appendix.

### **Areas of Potential Effects**

The Areas of Potential Effects (APE's) for the 89 sites under the jurisdiction of the FCC are established in the relevant Nationwide Programmatic Agreements for Towers and Collocations. The APEs for the remaining locations comprise the 31 potential LMR sites. For each site, the

direct APE is limited to land areas and depths of proposed ground disturbance related to access, staging, and construction activities. The indirect APE is limited to the immediate viewshed of the new facilities, within which visual or atmospheric effects may occur, and is estimated to be a one-half-mile radius. Additional information about the sites and their proposed APE's is provided on the enclosed CD's:

- Mapbooks of the 120 LMR project locations that show the locations of recorded archaeological and historical resources (eligible and not eligible) within each APE – Aerial and Topographic format
- Three KML files for upload to Google Earth so that reviewers can zoom in on all 120 sites and assess footprint boundaries and site conditions. Directions for upload to Google Earth are also provided.
- An Excel database that includes information for all 120 LMR project locations that was collected at the various California Historical Resources Information System (CHRIS) archives
- An Excel database generated from the California Office of Historic Preservation's (OHP's) Historic Properties Directory (HPD), that provides HPD listings for the 120 project locations, as available
- CHRIS reports and site records for the 120 project locations (Los Angeles, Orange, and San Bernardino Counties), as available
- Forest Service reports and site records for the 25 Forest Service project locations
- Archival Data and Map Relational Table for the 31 federal sites
- Letters to and from the Native American Heritage Commission
- An example public outreach letter to and from a local planning department (Lancaster)
- LMR Project Site Plans, as available.

Within each APE are various existing facilities. At most of the sites, new construction will occur in areas that have been heavily disturbed by previous construction and operational use. Many of the sites are located on concrete or asphalt parking areas, within landscaped areas, on other heavily-disturbed surfaces, or on compacted bare ground. Surface conditions may be easily viewed on the enclosed KML file.

For each potential site that we may consult on, and pursuant to 36 CFR § 800.4(a)(1), FEMA will determine the APE on a site-by-site basis, in consultation with your office and any participating Tribes; and we will also consider information provided by other parties, such as the land-owning agencies, if applicable [36 CFR § 800.4(a)(3)].



### **Identification of Historic Properties**

Pursuant to 36 CFR § 800.4(a)(2), the Authority has begun record searches to identify potential historic properties at the Los Angeles County archives, California Historical Resource Information Systems (CHRIS) Information Centers, and through a review of national, state, and local databases. The Authority has also initiated public outreach with letters of inquiry to county, city, and municipal-level planning departments [36 CFR § 800.2(d)].

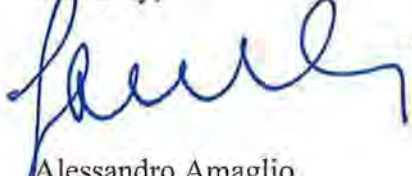
Preliminary results indicate that NRHP-listed or eligible historic properties are located at a portion of the potential sites, and additional record searches, outreach efforts, and archaeological surveys are in-progress. For each potential site that we may consult on, FEMA will identify and evaluate properties on a site-by-site basis, in consultation your office, any participating Tribes, and other parties (e.g., the land-owning agencies), to determine the eligibility of potential historic properties [36 CFR §§ 800.4(b)-800.4(d)]. Identification of historic properties and consultation protocols for the 89 sites under FCC's jurisdiction will follow procedures established in the relevant Nationwide Programmatic Agreement.

### **Tribal Consultation**

None of the 120 potential project sites are located on tribal lands. Also, NAHC has been contacted about the LMR project, and a search of their Sacred Lands Files does not indicate known Native American cultural resources at any of the 120 sites. NAHC has provided names and contact information for tribes, tribal organizations, and individuals who may have an interest in the sites, and a portion of the tribes are Federally-recognized Tribes (Tribes) (see enclosed CD's). For each potential site that we may consult on, FEMA will also consult with any Tribes that may attribute significance to properties of religious and cultural significance within the project APE's (for either direct or indirect effects), pursuant to 36 CFR § 800.2(c)(2)(ii).

Should you have any questions or comments, please do not hesitate to contact me at (510) 627-7284 or by email at [alessandro.amaglio@fema.dhs.gov](mailto:alessandro.amaglio@fema.dhs.gov).

Sincerely,



Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

### **Enclosures:**

Appendix; Figures (3); Tables (4); Cultural Resources Data on CD's

cc: Jill Springer, Federal Communications Commission  
Justin Duke, Cal OES  
Alisa Finsten, City of Los Angeles  
Nancy Yang, LA-RICS Authority

## **APPENDIX**

### **Land Mobile Radio System – Components and Construction**

Infrastructure at an LMR site will typically include either a lattice tower or a monopole, but not both. At a few sites, antennae will be façade or roof-mounted on existing buildings, rather than on existing or new towers or monopoles. Also, most sites will require a new shelter for radio communication equipment, although a portion of the sites will use existing equipment rooms or shelters. Almost all LMR facilities will be constructed at developed locations with existing public radio service, such as police or fire stations; within or adjacent to existing telecommunications facilities; or at other facilities such as hospitals, Los Angeles County courthouses, or water tanks.

#### **Lattice Tower**

New self-supporting lattice towers will be a maximum of 180 feet tall (without appurtenances), with the exception of one tower that may be 200 feet tall, mounted on a new concrete pad that will be about 36 feet by 36 feet (Figure 2).

#### **Monopole**

New free-standing monopoles will generally be 70 feet tall (without appurtenances), although they may reach up to 180 feet tall. A typical monopole will be 6.5 feet in diameter, with a drilled 36-foot deep caisson subject to site and soil conditions (Figure 3).

#### **Equipment Shelter**

New equipment shelters will be installed on new concrete pads, ranging in size from about 12-by-16 feet to 24-by-48 feet. Most equipment shelters will be single-story, although some sites may require two stories to accommodate a generator.

#### **Emergency Generator**

Most sites will require a new back-up generator. Generators will be installed on new concrete pads, ranging in size from about 6-by-11 feet to 9-by-13 feet. The generators will include 1,000-to-1,500-gallon internal double-walled diesel fuel tanks.

#### **Underground Ring**

Each new foundation will be surrounded by an electrical ground ring installed in a trench about 30 inches below grade. Although the required facilities will vary at each site, most sites may be categorized into four general types, which are shown in Table 3.

#### **Electricity**

Electrical power is available at all of the potential sites. Three sites are solar-powered, and are not connected to an external electrical utility line. At all other sites, new electrical lines will be installed in new underground conduit between the LMR facilities and the nearest existing interconnection points. Underground conduit will also be installed between new emergency generators and the equipment shelters. The length of trenching will vary from site-to-site,

depending on the distance between the LMR facilities and the nearest interconnection points. The maximum length of trenching is not expected to exceed 500 linear feet.

### **Lighting**

All sites will have security lighting. Tower and monopole lighting and markings will be installed in compliance with applicable Federal Aviation Administration (FAA) requirements, based on the completed facility heights and locations.

No other utility infrastructure will be installed for the proposed LMR project. The sites will not require water or natural gas, and wastewater will not be generated.

### **Fencing**

Each site will be secured with a chain link fence, with the exception of facilities that will be installed on or in existing buildings, and those at existing urban police or fire stations. Where LMR sites will be collocated with existing telecommunication sites, new facilities will be constructed within existing fenced areas to the maximum extent feasible. At a portion of the sites, existing fenced areas may be expanded, or new fenced areas may be installed adjacent to existing facilities, to contain new facilities. The total fenced areas of the largest LMR sites will generally be less than 5,000 square feet.

### **Construction**

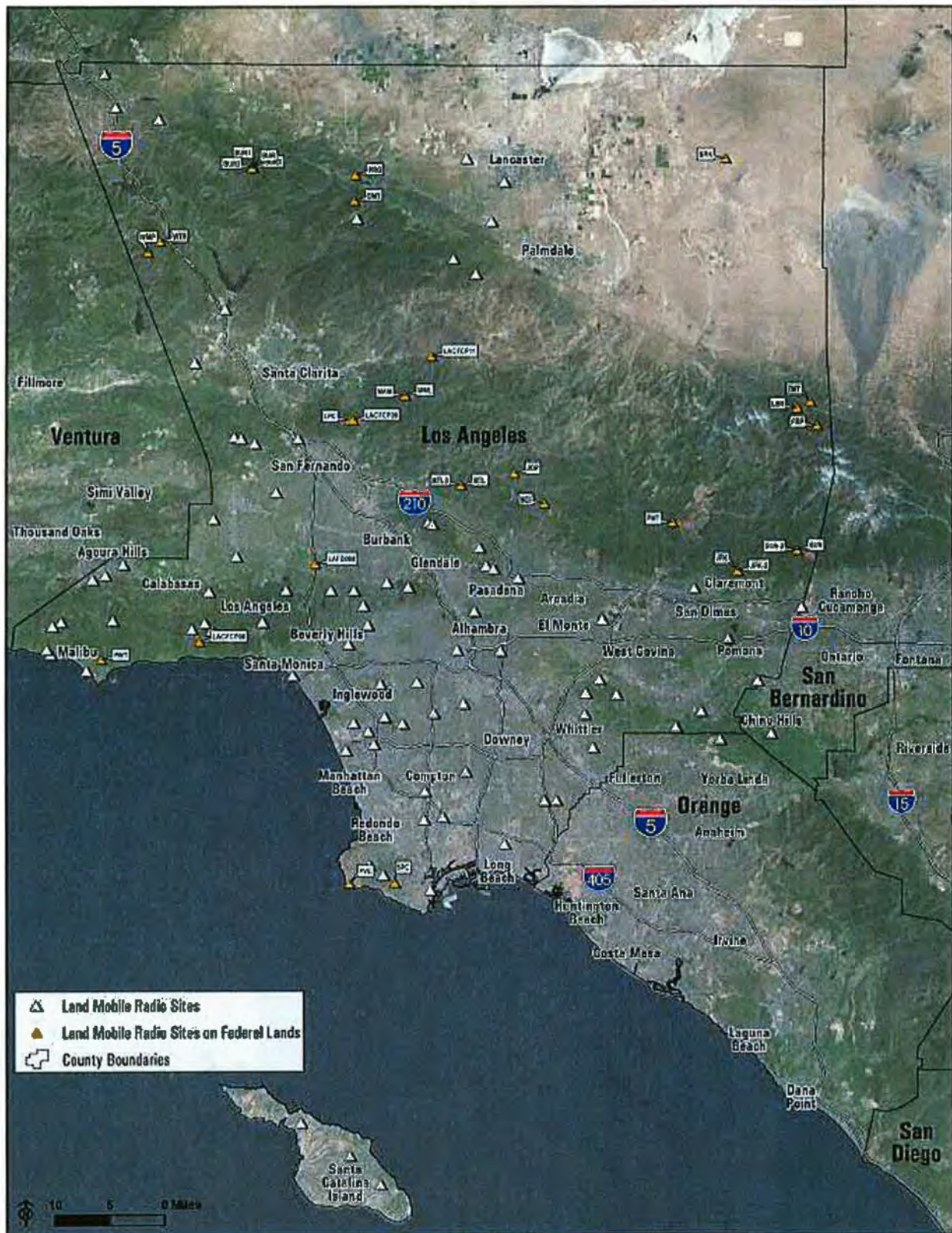
Construction of the LMR facilities is expected to begin in Summer 2015, and be completed in Fall 2016. Construction activities will occur for about six weeks at each site, and may occur at more than one site at a time. Each site will be accessed via an existing paved or unpaved road.

Construction activities will result in temporary ground disturbance of a maximum of about 5,000 square feet (0.11 acre). A maximum of about 2,000 square feet (0.05 acre) of new impermeable surfaces will be created at any site with new concrete pads for a tower, shelter, and generator. Table 4 provides a summary of anticipated ground disturbance at each of the four general LMR site types.

Typical construction equipment will include four-wheel-drive vehicles, excavators, skidsters, cranes, forklifts; and antenna, line, water, dump, and concrete trucks. At facilities such as urban police and fire stations, construction may occur within existing paved or landscaped areas.

System components will be staged and pre-installed at manufacturers' facilities, and shipped and stored at a central location or multiple local warehouses. At sites with limited laydown areas, all construction materials will be shipped for just-in-time field installation with minimal staging. If sufficient developed, landscaped, or otherwise previously-disturbed areas exist on or adjacent to an LMR site, materials may be staged in these areas. As part of site development, vegetation on or immediately adjacent to an LMR site will be removed, as needed.







**TABLE 1. 120 POTENTIAL PROJECT LOCATIONS FOR WHICH FEMA WILL ASSUME THE LEAD AGENCY ROLE  
UNDER THE NATIONAL ENVIRONMENTAL POLICY ACT  
Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**  
(Federally-administered project locations are highlighted in blue)

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
AGH	Agoura Hills			Unnamed road – nearest intersection Kimberly Dr	Agoura Hills	91301
AJT	AeroJet			Unnamed road – nearest intersection Woodview Rd	Chino Hills	91709
APC	Airport Courthouse			11701 S. La Cienega Blvd	Los Angeles	90045
BAH	Baldwin Hills			411 South La Cienega Blvd	Los Angeles	90056
BHCCPRK	Beverly Hills' Coldwater Canyon Park			12601 Mulholland Dr	Beverly Hills	90210
BJM	Black Jack Peak				Santa Catalina Island	90704
BMT	Bald Mountain			46811 Ridge Route Rd	Gorman	93243
BRK	Blue Rock			18000 E. Avenue I	Lancaster	93535
BUR	Burnt Peak			Angeles National Forest Pine Canyon Rd. to 7N23A	Three Points/Lake Hughes	93532
BUR1	Burnt Peak – 1			Angeles National Forest Pine Canyon Rd. to 7N23A	Three Points/Lake Hughes	93532
BUR2	Burnt Peak – 2			Angeles National Forest Pine Canyon Rd. to 7N23A	Three Points/Lake Hughes	93532
BUR3	Burnt Peak – 3			Angeles National Forest Pine Canyon Rd. to 7N23A	Three Points/Lake Hughes	93532
BVG-A	Beverly Glen-Alternate			14240 Mulholland Dr	Van Nuys	90077
CCB	Compton Court Building			200 W. Compton Blvd	Compton	90220
CEP	Century Plaza			2049 Century Park E	Beverly Hills	90047
CLM	Claremont			1616 Monte Vista	Claremont	91711
CPK	Castro Peak			928 Latigo Canyon Rd	Malibu	90063

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Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**  
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SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
CRN	Cerro Negro			Unnamed road – near intersection of Ridge Motorway and Sugar Loaf Dr	La Cañada Flintridge	91011
DPK	Dakin Peak				Santa Catalina Island	90704
ELSGDPD	El Segundo PD			348 Main St	El Segundo	90245
ENC1	Encinal 1 (Fire Camp 13)			1250 S. Encinal Canyon Rd	Malibu	90265
ENT	Entrada Tank Site			21285 W. Entrada Road	Topanga	90290
FCCF	LA County Fire Command			1320 N Eastern Ave	Los Angeles	90063
FRP	Frost Peak (Upper Blue Ridge)			Blue Ridge Rd. 3N06	Wrightwood	92397
FTP	Flint Peak			3600 Linda Vista Rd	Glendale	91206
GMT	Grass Mountain			San Francisquito Rd. to 6N04	Green Valley	91390
GRM	Green Mountain			Temescal Canyon Fire Rd	Los Angeles	90272
H-17A	H-17A			Intersection of Ridge Fire Rd and Tank Fire E Rd	Whittier	90601
H-69B	H-69B			Unnamed road – nearest intersection West Saddle Peak Rd	Topanga	91301
HPK	Hauser Peak			Sierra Pelona W Mountain Way	Palmdale	93510
HUC	Harbor UCLA			1000 West Carson St	Torrance	90502
ICC	County Courthouse Inglewood			One Regent St.	Inglewood	90301
INGPD	Inglewood PD			1 Manchester Blvd	Inglewood	90301
JOP	Josephine Peak			Angeles Forest Hwy/Josephine Peak Road	Clear Creek/above La Cañada Flintridge	91011
JPk	Johnstone Peak – 1			Angeles National Forest	San Dimas	91741



**TABLE 1. 120 POTENTIAL PROJECT LOCATIONS FOR WHICH FEMA WILL ASSUME THE LEAD AGENCY ROLE  
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Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**  
(Federally-administered project locations are highlighted in blue)

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
JPK2	Johnstone Peak – 2			Sycamore Canyon Rd	San Dimas	91741
LACF028	County FS 28			7733 Greenleaf Ave	Whittier	90602
LACF030	County FS 30			19030 Pioneer Blvd	Cerritos	90703
LACF056	County FS 56			12 Crest Road W	Rolling Hills	90274
LACF072	County FS 72			1832 S Decker Rd	Malibu	90265
LACF077	County FS 77			46833 Peace Valley Rd	Gorman	93243
LACF091	County FS 91			2691 S Turnbull Canyon Rd	Hacienda Heights	91745
LACF099	County FS 99			32550 Pacific Coast Hwy	Malibu	90265
LACF119	County FS 119			20480 E Pathfinder Rd	Walnut	91789
LACF134	County FS 134			43225 N. 25th St	Lancaster	93536
LACF136	County FS 136			3650 Bolz Ranch Rd	Palmdale	93551
LACF144	County FS 144			31981 Foxfield Dr	Westlake Village	91361
LACF149	County FS 149			31770 Ridge Route	Castaic	91384
LACF151	County FS 151			231 W Mountain View	Glendora	91741
LACF157	County FS 157			15921 Spunky Canyon Rd	Santa Clarita	91390
LACF164	County FS 164			6301 S Santa Fe Ave	Huntington Park	90255
LACF169	County FS 169			5112 N Peck Road	El Monte	91732
LACF173	County FS 173			9001 S Crenshaw	Inglewood	90303
LACFCP08	Camp 8			Unnamed road – nearest intersection Rambla Pacifico St	Malibu	90265
LACFCP09	County CP 9			21521 N Sand Canyon Rd	Santa Clarita	91350
LACFCP11	County CP 11			8800 W Soledad Canyon Rd	Santa Clarita	91350
LACFDEL	Del Valle Training			28101 Chiquito Canyon Rd	Valencia	90731
LAFD005	City FS 005			8900 S Emerson Ave	Westchester	90045
LAFD079	City FS 079			18030 S Vermont Ave	Gardena	90248

**TABLE 1. 120 POTENTIAL PROJECT LOCATIONS FOR WHICH FEMA WILL ASSUME THE LEAD AGENCY ROLE  
UNDER THE NATIONAL ENVIRONMENTAL POLICY ACT**

**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

(Federally-administered project locations are highlighted in blue)

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
LAFD084	City FS 084			21050 W Burbank Blvd	Woodland Hills	91367
LAFD088	City FS 088			5101 N Sepulveda Blvd	Sherman Oaks	91403
LAFD095	City FS 095			10010 International Rd	Los Angeles	90045
LAHE	LA City Hall East			200 N. Main St	Los Angeles	90012
LAPD077	77th Street Area Complex			7600 S Broadway St	Los Angeles	90003
LAPDDVN	Devonshire Area Station			10250 Etiwanda Ave	Northridge	91326
LAPDVDC	Valley Dispatch Center			23001 Roscoe Blvd	Los Angeles	91304
LASDCSN	Carson			21356 S Avalon Blvd	Carson	90745
LBR	Lower Blue Ridge			Angeles National Forest, East Blue Ridge Road	Wrightwood	92397
LDWP243	DWP Sylmar Water Ladder			13801 Balboa Blvd	Los Angeles	91342
LEPS	Lower Encinal Pump Station			Intersection of Camino De Buena Ventura and Avenida De La Encinal	Malibu	90265
LPC	Loop Canyon			Angeles National Forest – off Forest Route 3N17	Santa Clarita	91350
LPK	Liberty Park			19211 Studebaker Road	Cerritos	90703
MAM	Magic Mountain			Santa Clarita Divide Rd	Santa Clarita	91355
MDI	Mount Disappointment			Angeles National Forest Mount Disappointment Rd	above La Cañada Flintridge	91011
MIR	Mirador			Glen Oaks Blvd	Pasadena	91105
MLE	Mount Lee			3800 Mt. Lee Drive	Los Angeles	90068
MLM	Mira Loma Facility			45100 N. 60th West	Lancaster	93536
MMC	Mount McDill				Palmdale	93551
MML	Magic Mountain Link			Santa Clarita Divide Rd	Above Santa Clarita	91387
MTL	Mount Lukens			5150 Mount Lukens Truck Trail	Los Angeles	91011



**TABLE 1. 120 POTENTIAL PROJECT LOCATIONS FOR WHICH FEMA WILL ASSUME THE LEAD AGENCY ROLE  
UNDER THE NATIONAL ENVIRONMENTAL POLICY ACT**

**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

(Federally-administered project locations are highlighted in blue)

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
MTL2	Mount Lukens-2			5150 Mount Lukens Truck Trail	Los Angeles	91011
MTW	Mount Washington			721 Lark Ct.	Los Angeles	90065
MVS	Monte Vista (Star Center)			11515 Colima Road	Whittier	90604
OAT	Oat Mountain-1			Palo Sola Truck Rd	Chatsworth	91311
OLI	Olinda			Valencia Ave	Brea	92823
OMC	Oat Mountain-2			19307 Sesnon Blvd.	Porter Ranch	91326
ONK	Oat Mountain Nike				Chatsworth	91311
PASPD01	Pasadena Police Department			214-290 Ramona St	Pasadena	91101
PDC	Pacific Design Center			8687 Melrose Ave	West Hollywood	90069
PHN	Puente Hills			Near Vantage Point Dr	Rowland Heights	91748
PMT	Pine Mountain			Hwy 39 to 2N24	above Azusa	91702
PRG	Portal Ridge			Angeles National Forest	Lake Hughes	93532
PSH	Pomona 1620 Hillcrest			13016 Trail View Lane	Chino Hills	91709
PVC	Point Vicente			U.S. Coast Guard Reservation – Nearest intersection Hawthorne Blvd	Rancho Palos Verdes	90275
PWT	Portshead Tank			5961 S. Cavalleri Rd	Malibu	90265
RHT	Rolling Hills Transmit			5741 W Crestridge Rd	Rancho Palos Verdes	90275
RIH	Rio Hondo			Near Workman Mill Rd	Whittier	90601
SCH	San Pedro City Hall			638 S. Beacon St	Los Angeles	90017
SDW	San Dimas			310 Via Blanca	San Dimas	91773
SGH	Signal Hill			2321 Stanley Ave	Signal Hills	90755
SIM	Simpsons' Building			Building 42, Fox Lot, 10201 West Pico Blvd	Los Angeles	90064
SPC	San Pedro Hill			3860 Crest Road E	Palos Verdes Peninsula	90274

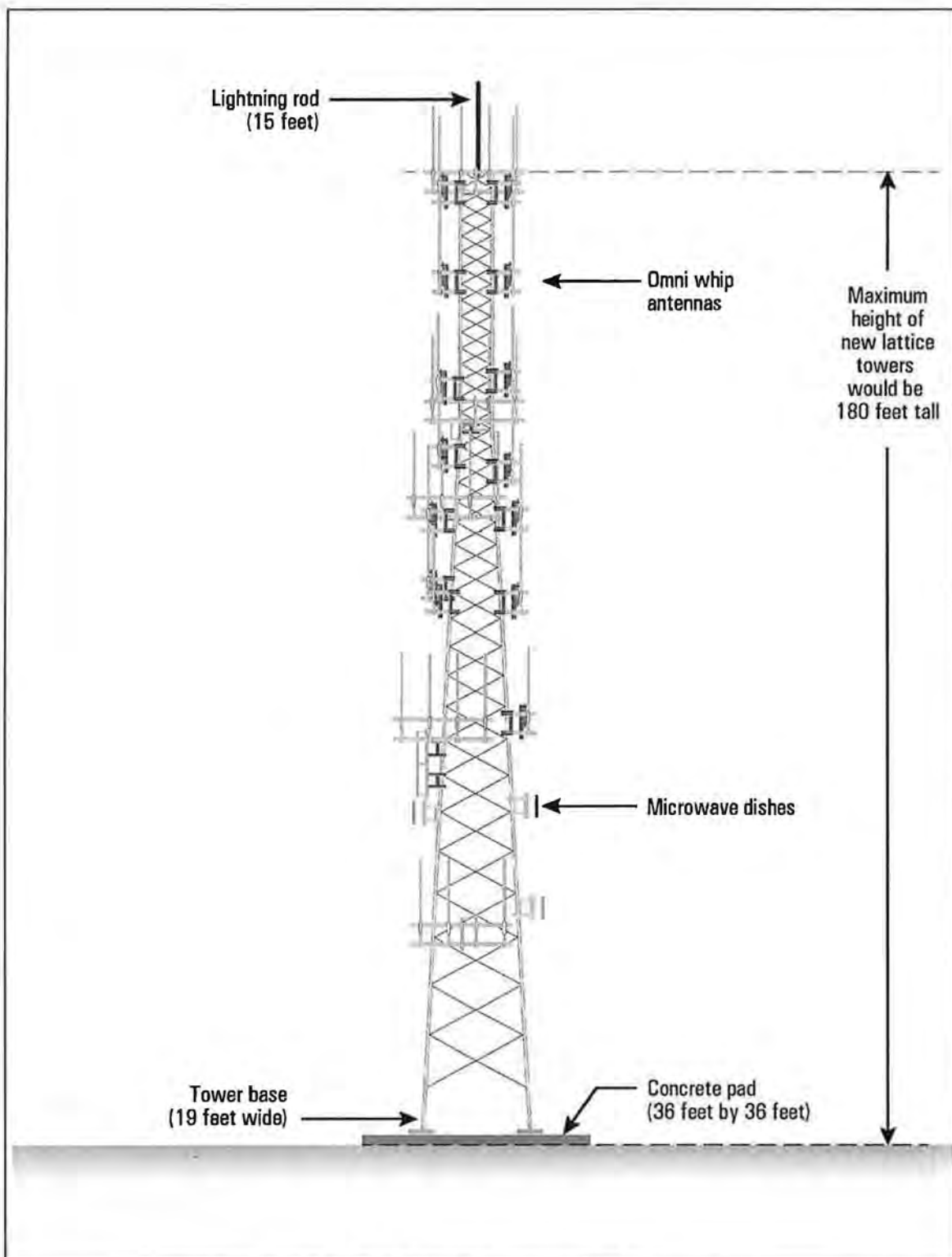


**TABLE 1. 120 POTENTIAL PROJECT LOCATIONS FOR WHICH FEMA WILL ASSUME THE LEAD AGENCY ROLE  
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Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**  
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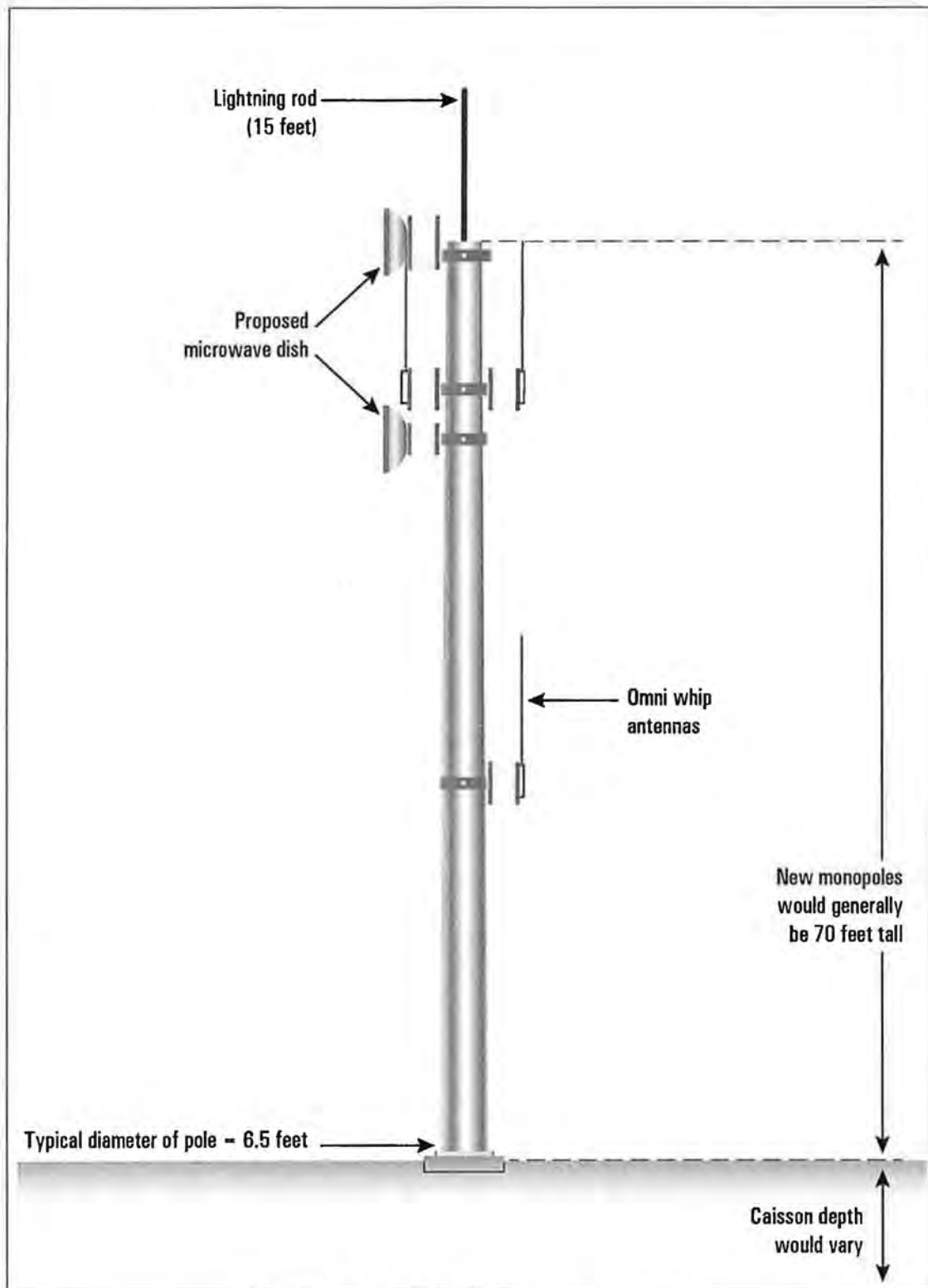
SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
SPN	Saddle Peak			24574 W. Saddle Peak Rd	Malibu	90265
SUN	Sunset Ridge			Angeles National Forest	Above Claremont	91711
SUN2	Sunset Ridge-2			Angeles National Forest	Above Claremont	91711
SVP	San Vicente Peak			17500 Mulholland Drive	Los Angeles	90049
SWP	Southwest Area Station			1546 W Martin Luther King Jr Blvd	Los Angeles	90062
TMT	Table Mountain			Hwy 2/Forest Service Rd 4N21	Wrightwood	92397
TOP	Topanga Peak				Topanga	90290
TPK	Tejon Peak			37407 Gorman Post Rd	Gorman	93243
TWR	Tower Peak			Banning House Rd	Santa Catalina Island	90704
VPC	Verdugo Peak			Verdugo Mountain Way	Glendale	91208
VPK	Verdugo Peak-2			Unnamed road - nearest intersection Hostetter Fire Rd	Glendale	91214
WAD	Walker Drive			409 Walker Dr	Beverly Hills	90210
WHD	W. Hollywood Sheriff Station			780 N San Vicente Blvd	West Hollywood	90069
WLK	West Lake City Hall			31200 Oak Crest Dr	Westlake Village	91361
WMP	Whittaker Middle Peak			Whittaker Fire Rd; Angeles National Forest		91384
WS1	100 Wilshire			100 Wilshire Blvd	Santa Monica	90401
WTR	Whittaker Ridge			Whittaker Fire Rd; Angeles National Forest	Castaic Lake	91384
ZHQ	Zuma Life Guard HQ			30050 Pacific Coast Highway	Malibu	90265

**Table 2. FEDERALLY-ADMINISTERED PROJECT LOCATIONS FOR WHICH FEMA WILL ASSUME THE ROLE OF LEAD AGENCY UNDER THE NATIONAL HISTORIC PRESERVATION ACT**  
**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

Site ID	Site Name	Land Administrator
BRK	Blue Rock	Bureau of Land Management
BUR	Burnt Peak	US Forest Service
BUR1	Burnt Peak-1	US Forest Service
BUR2	Burnt Peak-2	US Forest Service
BUR3	Burnt Peak-3	US Forest Service
FRP	Frost Peak (Upper Blue Ridge)	US Forest Service
GMT	Grass Mountain	US Forest Service
JOP	Josephine Peak	US Forest Service
JPK	Johnstone Peak-1	US Forest Service
JPK-2	Johnstone Peak-2	US Forest Service
LACFCP08	Camp 8	National Park Service
LACFCP09	County CP 9	US Forest Service
LACFCP11	County CP 11	US Forest Service
LAFD088	City FS 088	US Army Corps of Engineers
LBR	Lower Blue Ridge	US Forest Service
LPC	Loop Canyon	US Forest Service
MAM	Magic Mountain	US Forest Service
MDI	Mount Disappointment	US Forest Service
MML	Magic Mountain Link	US Forest Service
MTL	Mount Lukens	US Forest Service
MTL2	Mount Lukens-2	US Forest Service
PMT	Pine Mountain	US Forest Service
PRG	Portal Ridge	US Forest Service
PVC	Point Vicente	US Coast Guard
PWT	Portshead Tank	National Park Service
SPC	San Pedro Hill	Federal Aviation Administration
SUN	Sunset Ridge	US Forest Service
SUN-2	Sunset Ridge-2	US Forest Service
TMT	Table Mountain	US Forest Service
WMP	Whitaker Middle Peak	US Forest Service
WTR	Whittaker Ridge	US Forest Service



**Figure 2. Typical Lattice Tower with Antennas**  
**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**



**Figure 3. Typical Monopole with Antennas**  
**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

**Table 3. - General LMR Site Types and Features**

<b>New Structures Required</b>	<b>New Lattice Tower with New Shelter</b>	<b>New Monopole with New Shelter</b>	<b>New Lattice Tower without New Shelter</b>	<b>Existing Lattice Tower with New Equipment Shelter</b>
Lattice Tower	X (generally 180' tall)	NA	X (generally 180' tall)	existing (height varies)
Monopole	NA	X (generally 70' tall)	NA	NA
Equipment Shelter	X	X	(existing)	X
Emergency Generator	X	X	X	X



**Table 4. - Typical Construction Associated with the Four General LMR Site Types**

	<b>New Lattice Tower with New Shelter</b>	<b>New Monopole with New Shelter</b>	<b>New Lattice Tower Without New Shelter</b>	<b>Existing Lattice Tower with New Equipment Shelter</b>
Grading	5-20 CY	5-10 CY	5-10 CY	10-30 CY
Temporary Disturbance (staging area)	1,000 SF	1,000 SF	1,800 SF	1,000 SF
Long-term Disturbance (includes structure foundations and conduits)	1,900 SF	2,000 SF	1,600 SF	600 SF
Foundations	Tower = (6'x36'x36') pad & pier foundation	Monopole 6'-6" ft. dia., caisson area 140 SF	Tower= (6'x36'x36') pad and pier foundation	Tower = NA
	Shelter= (12'x24') slab foundation with (24"x18") footing	Shelter= (12'x16') slab foundation with (18"x18") footing	Shelter = NA	Shelter = (12'x24') slab foundation with (18"X18") footings
	Generator = (8'- 6"x11'-0"x9") slab foundation	Generator = (8'- 6"x13'-6"x9") slab foundation	Generator = (9'- 6"x13'-6"x9") slab foundation	Generator = (8'- 6"x11'x9") slab foundation
Trenching for electrical and coaxial cable conduits	18" wide, 50 FT long trench from existing utility pole to meter (36" below grade)	18" wide, 180 FT long trench from transformer to meter (36" below grade)	18" wide, 30 FT long trench from generator to shelter. (36" below grade)	18" wide, 12 FT long trench from transformer to shelter (36" below grade).
	18" wide, 10 FT long trench from generator to shelter (24" below grade)	18" wide, 10 FT long trench from generator to shelter (36" below grade)		12" wide, 10 FT long trench from generator to shelter (24" below grade)
		24" wide, 70 FT long trench for coaxial from shelter to monopole (36" below grade)		
Trenching for grounding	30" below grade around perimeter of each new concrete pad (approx. 260 LF)	30" below grade around perimeter of each new concrete pad (approx. 145 LF)	30" below grade around perimeter of each concrete pad (approx. 200 LF)	30" below grade around perimeter of each new concrete pad (approx. 115 LF)
CY – cubic yards SF – square feet FT – foot/feet LF – linear feet NA – not applicable				

January 23, 2015

Reply In Reference To: FEMA\_2014\_0813\_001

Alessandro Amaglio  
Regional Environmental Officer  
FEMA Region IX  
U.S. Department of Homeland Security  
1111 Broadway, Suite 1200  
Oakland, CA 94607-4052

RE: Section 106 Consultation, Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project, FEMA HSGP 2010-SS-T0-0085 (17651), City of Los Angeles

Dear Dr. Amaglio:

Thank you for your December 5, 2014, letter initiating consultation regarding the proposed undertaking in Los Angeles, Orange, and San Bernardino Counties in compliance with Section 106 of the National Historic Preservation Act of 1966 (16 U.S.C. 470f), as amended, and its implementing regulation found at 36 CFR Part 800. Along with your letter, you submitted project location maps, tables, aerial photographs, topographic maps, and other documents to support the consultation.

FEMA proposes to provide funding to the City of Los Angeles to install an integrated, wireless, voice and narrowband data communications system (Land Mobile Radio, LMR) to serve law enforcement, fire department, health service, and public works professionals in the greater Los Angeles area. The LMR system will provide a communications network among agencies that respond to routine, emergency, and catastrophic events. FEMA's letter states that the project will be completed by the LA-RICS Joint Powers Authority (Authority). Please clarify if this means that the Authority will construct the towers and what other role the Authority will play in this consultation. Additionally, please clarify the role the Governor's Office of Emergency Services will play in this consultation.

The component of the undertaking regarding the remaining 31 potential sites that are located on federal land will be the subject of this consultation. The land-owning agencies are the Bureau of Land Management (BLM), US Forest Service (USFS), National Park Service (NPS), US Army

Corps of Engineers (COE), and US Coast Guard. FEMA is consulting with these federal agencies and may be designated as the lead federal agency. In these cases, FEMA will complete the consultation with the SHPO in accordance with 36 CFR 800 because those agencies are not parties to the 2014 FEMA PA for California. If any of those agencies choose not to designate FEMA as the lead agency, then that agency and FEMA will each have Section 106 compliance responsibilities and will consult under 36 CFR 800. Your letter also mentions the possibility of a program alternative to fulfill the collective Section 106 responsibilities.

The scope of work at each of the 31 federally-owned potential locations is specified in a table that accompanied your letter. Each site will receive either a new lattice tower on a concrete pad or monopole with a drilled 36-foot deep caisson, radio communication equipment attached to the tower or monopole, an equipment shelter, emergency generator, underground electrical ground ring, connection to electrical power, lighting, and fencing. Construction will result in ground disturbance of varying depths from grading, staging, foundation construction, trenching for cable, electricity, and grounding. Vegetation will also be removed as needed.

FEMA has identified a direct Area of Potential Effect (APE) at each location consisting of the areas and depths related to access, staging, and construction activities. An indirect APE has also been identified to account for visual or atmospheric effects and is approximately ½-mile radius at each location.

According to your letter, the LA-RICS Joint Powers Authority has begun record searches to identify previously recorded resources in the APE, and has initiated public outreach with letters to county, city, and municipal planning departments. Preliminary research indicates that properties eligible or listed in the National Register of Historic Places (NRHP) are present in the APE at some of the sites. Archaeological surveys are also underway.

FEMA proposes to continue consultation following the conclusion of identification and evaluation of historic properties efforts. FEMA also proposes to identify and evaluate properties on a site-by-site basis in consultation with the SHPO, any interested Native American Tribes, and other parties.

After reviewing the consultation package, the SHPO offers the following comments.

- The SHPO concurs that the proposed LA-RICS LMR Project constitutes an undertaking.
- FEMA's proposal to use the FCC program comment for Section 106 compliance for one component of the undertaking (89 of the 120 potential sites) seems appropriate.
- FEMA's proposal to conduct standard consultation under 36 CFR 800 for the second component (31 sites located on federal land) also seems appropriate. Please keep the SHPO informed of communications with the other federal agencies regarding the designation of a lead federal agency.

- Please note that the most current Section 106 regulations contain provisions for the identification of a single APE for an undertaking that is sufficient to take both direct and indirect effects into account.
- An APE at each site that includes the project access route, staging, and work areas, and a ½-mile buffer appears to be sufficient as a general concept. However, the information provided does not include site-by-site analysis of each view shed that demonstrates the potential indirect effects of the large towers and monopoles that are being proposed. Please provide this analysis so the SHPO can fully understand FEMA's reasoning for the designated APEs.
- The Relational Database for the 31 Proposed Federally-Administered Project Locations is very useful and contributes to an understanding of the federally-owned land component of the undertaking. The SHPO appreciates its inclusion and the amount of work that went into producing it. This table will be the basis of ongoing consultation regarding identification and evaluation of historic properties at each location.
- The SHPO offers the following comments and requests the following additional information and clarifications.
  - Please specify the administrative unit for each of the properties, such as the specific forest, BLM unit, National Park unit, etc., that contains the potential project sites. The SHPO works with all of these agencies and may be able to assist FEMA with contacting and consulting the appropriate parties.
  - As mentioned and requested in an email from SHPO staff dated January 16, 2015, a larger map of the 35 sites with indications of jurisdictional boundaries would be helpful in understanding relations among the towers.
  - The San Gabriel Mountains National Monument (SGMNM) is administered by USFS, not NPS. Please clarify if NPS consultation for all SGMNM properties is actually required, or if USFS consultation will suffice.
  - The table contains very useful descriptions of the previously-recorded resources at each location. The descriptions also state in many cases that these resources are or are not historic properties. As this consultation progresses, please provide the historical or archaeological reports that support these determinations of eligibility. Please specify if these determinations have received prior SHPO concurrence.
  - The site designated TMT contains resources related to (and perhaps owned by) the Jet Propulsion Laboratory (JPL), which is a NASA facility. Please clarify if NASA should also be included in the federal agency list to be consulted for this undertaking.
  - Please include a discussion of the criteria the Joint Power Authority, City of Los Angeles, and FEMA will use to determine which of the potential sites will be chosen for LMR facilities. This will help the SHPO and other consulting parties

understand the process and offer effective analysis and comments on the undertaking.

[mark.beason@parks.ca.gov](mailto:mark.beason@parks.ca.gov). Any correspondence regarding the other component (sites that are not federally-owned and will be reviewed under the FCC programmatic agreement) should be sent to Michelle Messinger. She can be reached at (916) 445-7005 or [michelle.messinger@parks.ca.gov](mailto:michelle.messinger@parks.ca.gov).

Sincerely,

A handwritten signature in black ink, reading "Carol Roland-Nawi, Ph.D." in a cursive script.

Carol Roland-Nawi, Ph.D.  
State Historic Preservation Officer





**FEMA**

February 27, 2015

Ms. Carol Roland-Nawi, Ph.D.  
State Historic Preservation Officer  
Office of Historic Preservation  
1725 23<sup>rd</sup> Street, Suite 100  
Sacramento, CA 95816  
Attention: Mr. Mark A. Beason

Re: Section 106 Consultation  
Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project  
FEMA HSGP 2010-SS-T0-0085 (17651)  
Subgrantee: City of Los Angeles, CA

Dear Dr. Roland-Nawi:

Thank you for your January 23, 2015, letter in response to the U. S. Department of Homeland Security's Federal Emergency Management Agency's (FEMA's) request to initiate Section 106 consultation regarding the proposed Los Angeles Regional Interoperable Communications System (LA-RICS) Joint Powers Authority (Authority), Land Mobile Radio (LMR) project (Undertaking). In the response letter, the State Historic Preservation Officer (SHPO) has requested clarifications, additional information, and offered comments. The following information addresses those requests.

**1. Page 1, Paragraph 2**

- a. FEMA's letter states that the project will be completed by the LA-RICS Joint Powers Authority (Authority). Please clarify if this means that the Authority will construct the towers and what other role the Authority will play in this consultation.**

The proposed towers will be constructed by the Authority. Work will be performed by the Authority's LMR System Contractor, Motorola Solutions Inc. The Authority will support FEMA in its consultation effort with SHPO by providing the data, environmental analysis and supporting documents for effects determinations prepared by the Authority's environmental contractor for the project, Jacobs. In this role, the Authority will assist FEMA in coordinating with SHPO and other federal agencies and anticipates that qualified professionals and subject matter experts from Jacobs will work directly with subject matter experts from SHPO and the other federal agencies to address site-specific questions and comments, to provide or seek clarifications as necessary, and to respond to requests for documentation to further the consultation process in the most efficient manner possible.

- b. Additionally, please clarify the role the Governor's Office of Emergency Services will play in this consultation.**

The California Governor's Office of Emergency Services (Cal OES) acts as the State Administrative Agency (SAA) (Grantee) and administers and provides oversight of the funding from FEMA's Homeland Security Grant Program (HSGP) and Urban Areas Security Initiative (UASI). The designated SAA's in each U.S. State, Commonwealth, and territory are the only entities eligible to apply for HSGP funds. These SAA's then provide funds to local units of government (Subgrantees) for projects that support sustainment of existing core homeland security capabilities or address gaps and deficiencies in one or more core capabilities.

**2. Page 2, Bullet 3**

- Please keep the SHPO informed of communications with other federal agencies regarding the designation of a federal lead agency.**

FEMA will update the SHPO regarding the designation of a federal lead agency as soon as more information is available.

**3. Page 3, Bullet 2**

- An APE at each site that includes the project access route, staging, and work areas, and a 1/2-mile buffer appears to be sufficient as a general concept. However, the information provided does not include site-by-site analysis of each view shed that demonstrates the potential indirect effects of the large towers and monopoles that are being proposed. Please provide this analysis so the SHPO can fully understand FEMA's reasoning for the designated APEs.**

Site-by-site analysis of the view shed for each of the 31 LMR federal project locations is in progress. Based on the terrain, topography, intervening landscape, and level of urbanization, the visual APE may be different for each location. The rationale for any adjusted view shed will be clearly presented as the analysis of each location is complete. In some cases the potential for visual effects may encompass the entire one-half mile radius around the direct APE; however, at other project locations the area within which visual effects could occur may be smaller or larger. To ensure that the approach is acceptable, the Authority will prepare two example project locations for submittal to the SHPO for review and comment before completing the entire set of 31.

**4. Page 3, Bullet 4, Sub-Bullets 1 through 6**

- Please specify the administrative unit for each of the properties, such as the specific forest, BLM unit, National Park unit, etc., that contains the potential project sites. The SHPO works with all of these agencies and may be able to assist FEMA with contacting and consulting the appropriate parties.**

FEMA appreciates the SHPO's offer to assist with contacting and consulting the appropriate administrative units associated with the LMR project. The administrative units for each of the properties are shown in Table 1.

**Table 1. LMR Project Federal Administration Sites and Priority Status**

Site ID	Site Name	Federal Land Administrative Unit	Site Priority
BRK	Blue Rock	Bureau of Land Management, Ridgecrest Field Office	Primary
BUR	Burnt Peak	US Forest Service, Angeles National Forest	Potential Backup
BUR1	Burnt Peak-1	US Forest Service, Angeles National Forest	Primary
BUR2	Burnt Peak-2	US Forest Service, Angeles National Forest	Potential Backup
BUR3	Burnt Peak-3	US Forest Service, Angeles National Forest	Potential Backup
FRP	Frost Peak (Upper Blue Ridge)	US Forest Service, Angeles National Forest	Potential Backup
GMT	Grass Mountain	US Forest Service, Angeles National Forest	Potential Backup
JOP	Josephine Peak	US Forest Service, Angeles National Forest	Potential Backup
JPk-1	Johnstone Peak-1	US Forest Service, Angeles National Forest	Primary
JPk-2	Johnstone Peak-2	US Forest Service, Angeles National Forest	Potential Backup
LACFCP08	Camp 8	National Park Service, Santa Monica Mountain National Recreation Area	Potential Backup
LACFCP09	County CP 9	US Forest Service, Angeles National Forest	Potential Backup
LACFCP11	County CP 11	US Forest Service, Angeles National Forest	Potential Backup
LAFD088	City FS 088	US Army Corps of Engineers, Los Angeles District	Potential Backup
LBR	Lower Blue Ridge	US Forest Service, Angeles National Forest	Primary
LPC	Loop Canyon	US Forest Service, Angeles National Forest	Primary
MAM	Magic Mountain	US Forest Service, Angeles National Forest	Primary
MDI	Mount Disappointment	US Forest Service, Angeles National Forest	Primary
MML	Magic Mountain Link	US Forest Service, Angeles National Forest	Potential Backup
MTL	Mount Lukens	US Forest Service, Angeles National Forest	Primary
MTL2	Mount Lukens-2	US Forest Service, Angeles National Forest	Potential Backup
PMT	Pine Mountain	US Forest Service, Angeles National Forest	Potential Backup
PRG	Portal Ridge	US Forest Service, Angeles National Forest	Primary
PVC	Point Vicente	US Coast Guard, Point Vicente Bunker Site	Primary
PWT	Porthead Tank	National Park Service, Santa Monica Mountains National Recreation Area	Primary
SPC	San Pedro Hill	Federal Aviation Administration, San Pedro Hill Radar Station	Primary
SUN	Sunset Ridge	US Forest Service, Angeles National Forest	Primary
SUN-2	Sunset Ridge-2	US Forest Service, Angeles National Forest	Potential Backup
TMT	Table Mountain	US Forest Service, Angeles National Forest	Potential Backup
WMP	Whittaker Middle Peak	US Forest Service, Angeles National Forest	Primary
WTR	Whittaker Ridge	US Forest Service, Angeles National Forest	Primary

- **As mentioned and requested in an email from SHPO staff dated January 16, 2015, a larger map of the 31 sites with indications of jurisdictional boundaries would be helpful in understanding relations among the towers.**

A larger map of the federally-administered project locations, along with individual topographic maps showing the direct and indirect APEs of the 31 sites listed in Table 1., is being provided to the SHPO along with this response.

- **The San Gabriel Mountains National Monument (SGMNM) is administered by USFS, not NPS. Please clarify if NPS consultation for all SGMNM properties is actually required, or if USFS consultation will suffice.**

During a telephone conversation with the U.S. Forest Service (USFS) Archaeologist for the Angeles National Forest (ANF) (Mr. David Peebles) on January 30, 2015, the Authority confirmed that USFS consultation will suffice. NPS consultation is not needed for SGMNM properties.

- **The table contains very useful descriptions of the previously-recorded resources at each location. The descriptions also state in many cases that these resources are or are not historic properties. As this consultation progresses, please provide the historical or archaeological reports that support these determinations of eligibility. Please specify if these determinations have received prior SHPO concurrence.**

This information will be provided as the relational table is expanded with proposed determinations of effect and updated with results of additional records searches and data from the field surveys. Site records and survey reports for all 120 LMR potential project locations were also provided on the CD that accompanied the January 23, 2015, letter from FEMA to the SHPO initiating consultation.

- **The site designated TMT contains resources related to (and perhaps owned by) the Jet Propulsion Laboratory (JPL), which is a NASA facility. Please clarify if NASA should also be included in the federal agency list to be consulted for this undertaking.**

The National Aeronautics and Space Administration/Jet Propulsion Laboratory (NASA/JPL) facilities at the Table Mountain (TMT) project location are owned by NASA, managed by the California Institute of Technology, and operated under a Memorandum of Understanding (MOU) between NASA and the USFS. For both National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance, projects and activities associated with NASA's TMT facility are managed by the USFS because they occur on federal lands managed by the ANF. This was clarified via email by Mr. Peebles, following confirmation by the ANF District Office on February 4, 2015.

- **Please include a discussion of the criteria the Joint Powers Authority, City of Los Angeles, and FEMA will use to determine which of the potential sites will be chosen for LMR facilities. This will help the SHPO and other consulting parties understand the process and offer effective analysis and comments on the undertaking.**

Of the 31 potential sites on federal land, 15 sites are in the current LMR system design. These 15 sites were selected from existing, developed communications or public safety facilities that jointly would provide the maximum radio communications signal coverage with the minimum number of sites. These sites are shown in Table 1. with a designation of "primary." The remaining 16 sites are potential sites that would be used to replace a primary site (typically in a similar geographic location to provide a similar coverage footprint) in the event that a primary site is determined to be not viable during detailed system engineering, permitting processes or lease agreement discussions with the property owner. In that event, the primary site would be removed from consideration and replaced with one of the other potential sites.

Because issues requiring the removal of a primary site from the system design may not arise until later in the process, FEMA is consulting with the SHPO on all 31 primary and potential sites on federal land. However, we would like to request that the primary sites be considered for evaluation first. Should any of these sites become infeasible, FEMA will notify the SHPO and cease consultation on that site(s).

Should you have any questions or additional comments, please do not hesitate to contact me at (510) 627-6284 or by email at [alessandro.amaglio@fema.dhs.gov](mailto:alessandro.amaglio@fema.dhs.gov).

Sincerely,



Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

Enclosures

cc: Jill Springer, Federal Communications Commission  
Justin Duke, Cal OES  
Alisa Finsten, City of Los Angeles  
Nancy Yang, LA-RICS Authority





**FEMA**

April 1, 2015

Mr. Carver Bass  
Ecologist  
Department of the Army  
U.S. Army Corps of Engineers  
Los Angeles District  
915 Wilshire Blvd.  
Los Angeles, CA 90017

Subject: Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project  
FEMA HSGP 2010-SS-T0-0085 (17651)  
Sub-grantee: City of Los Angeles, CA

Dear Mr. Bass,

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has received an application requesting funding for the installation of up to 90 emergency communications facilities in Southern California, located primarily in the County of Los Angeles, California for the purpose of creating a regional public safety interoperable land mobile radio system for the first and second responders of the greater Los Angeles area. These facilities would be selected from a total of 116 potential sites as shown in the enclosed Figure 1.

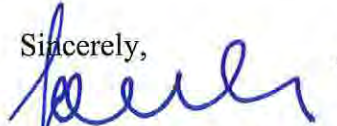
Funding assistance would be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (Cal OES) (Grantee), to the City of Los Angeles (Sub-grantee). The proposed facilities are collectively referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), which will be completed by the LA-RICS Joint Powers Authority, recipient to the HSGP.

Of the 116 sites being evaluated, one is located on federal land, administered by your agency, as shown on enclosed Table 1. This site will require review under your agency's regulations implementing the National Environmental Policy Act, and other applicable laws (e.g., Endangered Species Act, National Historic Preservation Act), regulations, and executive orders. As the entity considering funding assistance for this project, FEMA is required to coordinate with your Agency and proposes that it be considered a cooperating agency for the environmental compliance process for this project.

Carver Bass  
April 1, 2015  
Page 2

Please contact me at your earliest convenience to coordinate the environmental and historic preservation review for this proposed action. I can be reached by phone at (510) 627-7284 or by e-mail at [Alessandro.Amaglio@fema.dhs.gov](mailto:Alessandro.Amaglio@fema.dhs.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read 'Alessandro'.

Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

Attachments

Figure 1 LA RICS 116 Potential Sites

Table 1 Potential Project Sites Located on USACE Administered Lands

cc: Justin Duke, Cal OES  
Alisa Finsten, City of Los Angeles  
Nancy Yang, LA-RICS Authority  
Jim Hoyt, LA-RICS Authority

**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
LAFD088	City FS 088	34.16298459	-118.4676204	5101 N Sepulveda Blvd	Sherman Oaks	91403

**Project Description**

Propose installation of up to 20 whip and up to 5 microwave antennas on new monopole up to 70 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high.

- Temporary disturbance area (includes staging): Up to 5,000 square feet
- Permanent disturbance area: Up to 3,000 square feet
- Excavation: Up to 150 cubic yards removed
- Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 48 inches below grade, up to 24 inches wide.
- Proposed foundations include:
  - o Up to 8 foot diameter x 36 foot deep drilled caisson with concrete cap for monopole support; or up to 16 foot x 16 foot x 10 foot deep concrete mat foundation
  - o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter
  - o Up to 200 square feet x 18 inch concrete slab for generator
- Demolition of existing pavement and/or structures



**FEMA**

September 3, 2015

Mr. Carver Bass  
Ecologist  
Department of the Army  
U.S. Army Corps of Engineers  
Los Angeles District  
915 Wilshire Blvd  
Los Angeles, CA 90017

**Re: Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project  
HSGP 2010-SS-T0-0085 (17651)  
Subrecipient: City of Los Angeles**

Dear Mr. Bass,

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) is proposing to fund the installation of emergency communications facilities in Southern California, at sites located primarily in the County of Los Angeles, California (Proposed Action). Funding assistance will be provided by FEMA's Homeland Security Grant Program (HSGP), awarded to the California Governor's Office of Emergency Services (Cal OES) (Recipient), and passed through to the Los Angeles-Long Beach Urban Area (sub-recipient), of which the City of Los Angeles serves as the fiscal agent. The Proposed Action is referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), and will be completed by the LA-RICS Joint Powers Authority (Authority). The Homeland Security Act of 2002 authorizes the Department of Homeland Security to provide funding to states, territories, urban areas, and other local and tribal governments to prevent, protect against, mitigate, respond to, and recover from potential terrorist attacks and other hazards.

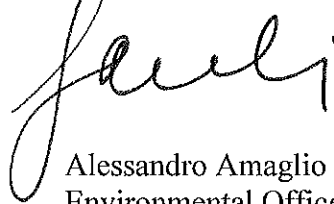
As stated in our letter dated April 1, 2015 to your Agency, some of the proposed installations are planned in areas within your land of jurisdiction and control. FEMA, like most of the federal agencies, has its own implementing regulations related to environmental laws. In order to streamline the process and avoid duplication, FEMA is seeking to reach an agreement with your Agency in terms of process and lead agency status while respectful of your own agency's requirements. Your agency may have specific implementing regulations for the National Environmental Policy Act (NEPA) and other laws, as well as, agreements and other programmatic tools in place which could streamline the approval process for these proposed actions within the boundaries of your land.

September 3, 2015

Page 2

With this letter we are requesting information regarding your agency's processes and requirements. We would like to propose a conference call at your earliest convenience to discuss this matter in the interest of expediting the required environmental review for this critical project. Please contact Jill S. Dale, Sr. Environmental Protection Specialist at (510) 627-7728 or at [jill.dale@fema.dhs.gov](mailto:jill.dale@fema.dhs.gov) to identify an appropriate time to discuss the project needs. We look forward to hearing from you in the near future.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alessandro'.

Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

cc: Ursula Harelson, Cal OES  
Alisa Finsten, City of Los Angeles  
Pat Mallon, LA-RICS Authority





**FEMA**

January 26, 2016

Mr. Carvel Bass  
Ecologist  
Department of the Army  
U.S. Army Corps of Engineers  
Los Angeles District  
915 Wilshire Blvd.  
Los Angeles, CA 90017

Subject: Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project  
FEMA HSGP 2010-SS-T0-0085 (17651)  
Subgrantee: City of Los Angeles, CA

Dear Mr. Bass,

The U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has received an application requesting funding for the installation of up to 90 emergency communications facilities in Southern California, located primarily in the County of Los Angeles, California for the purpose of creating a regional public safety interoperable land mobile radio system for the first and second responders of the greater Los Angeles area. Funding assistance would be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (CalOES) (Grantee), to the City of Los Angeles (Sub-grantee). The proposed facilities are collectively referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), which will be completed by the LA-RICS Joint Powers Authority, recipient to the HSGP.

Initially, 116 potential sites were considered from which up to 90 sites would be selected for the LMR project. One of the 116 sites was located on federal land administered by your agency, as shown on enclosed Table 1. As this site would have required review under your agency's regulations implementing the National Environmental Policy Act and other applicable laws (e.g., Endangered Species Act, National Historic Preservation Act), regulations, and executive orders, FEMA, as the entity considering funding assistance for this project, was required to coordinate with your Agency and initiated coordination for the environmental and historic preservation review for this proposed action per a letter dated April 1, 2015.

This letter is to advise your Agency that the site depicted in Table 1 has been removed from further consideration for the proposed action due to design and constructability constraints, and that FEMA will discontinue further consultation and coordination on this potential site.



Carvel Bass  
January 26, 2016  
Page 2

If you have any questions, please contact, Jill Dale at (510) 627-7728 by phone or [Jill.Dale@fema.dhs.gov](mailto:Jill.Dale@fema.dhs.gov). I can be reached by phone at (510) 627-7284 or by email at [Alessandro.Amaglio@fema.dhs.gov](mailto:Alessandro.Amaglio@fema.dhs.gov). Your cooperation during the prior coordination regarding this potential site is appreciated.

Sincerely,



Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

Attachment

cc: Justin Duke, Cal OES  
Alisa Finsten, City of Los Angeles  
Nancy Yang, LA-RICS Authority  
Beth Defend, LA-RICS Authority

**TABLE 1. POTENTIAL PROJECT SITE LOCATED ON U. S ARMY CORPS OF ENGINEERS-ADMINISTERED LAND**  
**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
LAFD088	City FS 088	34.16298459	-118.4676204	5101 N Sepulveda Blvd	Sherman Oaks	91403
<b>Project Description</b> Propose installation of up to 20 whip and up to 5 microwave antennas on new monopole up to 70 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 3,000 square feet</li> <li>• Excavation: Up to 150 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 48 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 8 foot diameter x 36 foot deep drilled caisson with concrete cap for monopole support; or up to 16 foot x 16 foot x 10 foot deep concrete mat foundation</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						





**FEMA**

April 1, 2015

Mr. David Stalters  
Chief of Environmental Management  
United States Coast Guard  
Civil Engineering Unit, Oakland  
1301 Clay Street, Suite 700N  
Oakland, CA 94612

Subject: Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project  
FEMA HSGP 2010-SS-T0-0085 (17651)  
Sub-grantee: City of Los Angeles, CA

Dear Mr. Stalters,

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has received an application requesting funding for the installation of up to 90 emergency communications facilities in Southern California, located primarily in the County of Los Angeles, California for the purpose of creating a regional public safety interoperable land mobile radio system for the first and second responders of the greater Los Angeles area. These facilities would be selected from a total of 116 potential sites as shown in the enclosed Figure 1.

Funding assistance would be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (Cal OES) (Grantee), to the City of Los Angeles (Sub-grantee). The proposed facilities are collectively referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), which will be completed by the LA-RICS Joint Powers Authority, recipient to the HSGP.

Of the 116 sites being evaluated, one is located on federal land, administered by your agency, as shown on enclosed Table 1. This site will require review under your agency's regulations implementing the National Environmental Policy Act, and other applicable laws (e.g., Endangered Species Act, National Historic Preservation Act), regulations, and executive orders. As the entity considering funding assistance for this project, FEMA is required to coordinate with your Agency and proposes that it be considered a cooperating agency for the environmental compliance process for this project.

David Stalters  
April 1, 2015  
Page 2

Please contact me at your earliest convenience to coordinate the environmental and historic preservation review for this proposed action. I can be reached by phone at (510) 627-7284 or by e-mail at [Alessandro.Amaglio@fema.dhs.gov](mailto:Alessandro.Amaglio@fema.dhs.gov).

Sincerely,



Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

Attachments

Figure 1 LA RICS 116 Potential Sites

Table 1 Potential Project Sites Located on USCG Administered Lands

cc: Justin Duke, Cal OES  
Alisa Finsten, City of Los Angeles  
Nancy Yang, LA-RICS Authority  
Jim Hoyt, LA-RICS Authority



**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

<b>SITE ID</b>	<b>SITE NAME</b>	<b>LATITUDE</b>	<b>LONGITUDE</b>	<b>STREET ADDRESS</b>	<b>CITY</b>	<b>ZIP CODE</b>
PVC	Point Vicente	33.74491189	-118.4070328	U. S Coast Guard Reservation – nearest intersection Hawthorne Blvd	Rancho Palos Verdes	90275
<p><b>Project Description</b></p> <p>Propose installation of up to 20 whip and up to 5 microwave antennas on new monopole up to 70 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high.</p> <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 3,000 square feet</li> <li>• Excavation: Up to 150 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 48 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 8 foot diameter x 36 foot deep drilled caisson with concrete cap for monopole support; or up to 16 foot x 16 foot x 10 foot deep concrete mat foundation</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						



**FEMA**

September 3, 2015

Mr. David Stalters  
Chief of Environmental Management  
United States Coast Guard  
Civil Engineering Unit, Oakland  
1301 Clay Street, 700N  
Oakland, CA 94612

**Re: Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project  
HSGP 2010-SS-T0-0085 (17651)  
Subrecipient: City of Los Angeles**

Dear Mr. Stalters,

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) is proposing to fund the installation of emergency communications facilities in Southern California, at sites located primarily in the County of Los Angeles, California (Proposed Action). Funding assistance will be provided by FEMA's Homeland Security Grant Program (HSGP), awarded to the California Governor's Office of Emergency Services (Cal OES) (Recipient), and passed through to the Los Angeles-Long Beach Urban Area (sub-recipient), of which the City of Los Angeles serves as the fiscal agent. The Proposed Action is referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), and will be completed by the LA-RICS Joint Powers Authority (Authority). The Homeland Security Act of 2002 authorizes the Department of Homeland Security to provide funding to states, territories, urban areas, and other local and tribal governments to prevent, protect against, mitigate, respond to, and recover from potential terrorist attacks and other hazards.

As stated in our letter dated April 1, 2015 to your Agency, some of the proposed installations are planned in areas within your land of jurisdiction and control. FEMA, like most of the federal agencies, has its own implementing regulations related to environmental laws. In order to streamline the process and avoid duplication, FEMA is seeking to reach an agreement with your Agency in terms of process and lead agency status while respectful of your own agency's requirements. Your agency may have specific implementing regulations for the National Environmental Policy Act (NEPA) and other laws, as well as, agreements and other programmatic tools in place which could streamline the approval process for these proposed actions within the boundaries of your land.

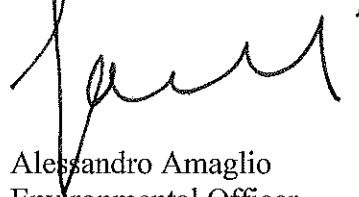
With this letter we are requesting information regarding your agency's processes and requirements. We would like to propose a conference call at your earliest convenience to discuss this matter in the

September 3, 2015

Page 2

interest of expediting the required environmental review for this critical project. Please contact Jill S. Dale, Sr. Environmental Protection Specialist at (510) 627-7728 or at [jill.dale@fema.dhs.gov](mailto:jill.dale@fema.dhs.gov) to identify an appropriate time to discuss the project needs. We look forward to hearing from you in the near future.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alessandro Amaglio', with a stylized flourish at the end.

Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

cc: Ursula Harelson, Cal OES  
Alisa Finsten, City of Los Angeles  
Pat Mallon, LA-RICS Authority



**FEMA**

January 26, 2016

Mr. David Stalters  
Chief of Environmental Management  
United States Coast Guard  
Civil Engineering Unit, Oakland  
1301 Clay Street, Suite 700N  
Oakland, CA 94612

Subject: Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project  
FEMA HSGP 2010-SS-T0-0085 (17651)  
Subgrantee: City of Los Angeles, CA

Dear Mr. Stalters,

The U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has received an application requesting funding for the installation of up to 90 emergency communications facilities in Southern California, located primarily in the County of Los Angeles, California for the purpose of creating a regional public safety interoperable land mobile radio system for the first and second responders of the greater Los Angeles area. Funding assistance would be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (CalOES) (Grantee), to the City of Los Angeles (Sub-grantee). The proposed facilities are collectively referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), which will be completed by the LA-RICS Joint Powers Authority, recipient to the HSGP.

Initially, 116 potential sites were considered from which up to 90 sites would be selected for the LMR project. One of the 116 sites was located on federal land administered by your agency, as shown on enclosed Table 1. As this site would have required review under your agency's regulations implementing the National Environmental Policy Act and other applicable laws (e.g., Endangered Species Act, National Historic Preservation Act), regulations, and executive orders, FEMA, as the entity considering funding assistance for this project, was required to coordinate with your Agency and initiated coordination for the environmental and historic preservation review for this proposed action per a letter dated April 1, 2015.

This letter is to advise your Agency that the site depicted in Table 1 has been removed from further consideration for the proposed action due to design and constructability constraints, and that FEMA will discontinue further consultation and coordination on this potential site.



David Stalters  
January 26, 2016  
Page 2

If you have any questions, please contact, Jill Dale at (510) 627-7728 by phone or [Jill.Dale@fema.dhs.gov](mailto:Jill.Dale@fema.dhs.gov). I can be reached by phone at (510) 627-7284 or by email at [Alessandro.Amaglio@fema.dhs.gov](mailto:Alessandro.Amaglio@fema.dhs.gov). Your cooperation during the prior coordination regarding this potential site is appreciated.

Sincerely,



for

Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

Attachment

cc: Justin Duke, Cal OES  
Alisa Finsten, City of Los Angeles  
Nancy Yang, LA-RICS Authority  
Beth Defend, LA-RICS Authority

**TABLE 1. POTENTIAL PROJECT SITE LOCATED ON U. S. COAST GUARD-ADMINISTERED LAND  
Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
PVC	Point Vicente	33.74491189	-118.4070328	U. S Coast Guard Reservation – nearest intersection Hawthorne Blvd	Rancho Palos Verdes	90275
<p><b>Project Description</b></p> <p>Propose installation of up to 20 whip and up to 5 microwave antennas on new monopole up to 70 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high.</p> <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 3,000 square feet</li> <li>• Excavation: Up to 150 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 48 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 8 foot diameter x 36 foot deep drilled caisson with concrete cap for monopole support; or up to 16 foot x 16 foot x 10 foot deep concrete mat foundation</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						





**FEMA**

February 3, 2015

Stephen P. Henry, Field Supervisor  
Ventura Fish & Wildlife Office  
U.S. Fish and Wildlife Service  
2493 Portola Road, Suite B  
Ventura, CA 93003

Ken Corey, Assistant Field Supervisor  
Palm Springs Fish and Wildlife Office  
777 E. Tahquitz Canyon Way, Suite 208  
Palm Springs, CA 92262

G. Mendel Stewart, Field Supervisor  
Carlsbad Fish & Wildlife Office  
U.S. Fish & Wildlife Service  
2177 Salk Avenue, Suite 250  
Carlsbad, CA 92008

William W. Stelle, Jr.  
Regional Administrator  
C/O Darren Howe  
Natural Resource Management Specialist  
NOAA Fisheries West Coast Region  
U.S. Department of Commerce  
California Coastal Area  
North Central Coast Office  
777 Sonoma Ave., Room 325  
Santa Rosa, CA 95404

Re: Conducting Endangered Species Act Consultations with the Services

Dear Messrs. Stelle, Henry, Stewart, and Corey,

The U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) proposes to provide Federal financial assistance to the Los Angeles Regional Interoperable Communications System Authority (LARICS) for the installation of communication towers within the Los Angeles Basin under the Grant Programs Directorate. Funding assistance will be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (Cal OES) (Grantee), to the City of Los Angeles (Subgrantee). The installations are collectively referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), which will be completed by the LA-RICS Joint Powers Authority (Authority).



**FEMA**

January 26, 2016

Mr. David Stalters  
Chief of Environmental Management  
United States Coast Guard  
Civil Engineering Unit, Oakland  
1301 Clay Street, Suite 700N  
Oakland, CA 94612

Subject: Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project  
FEMA HSGP 2010-SS-T0-0085 (17651)  
Subgrantee: City of Los Angeles, CA

Dear Mr. Stalters,

The U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has received an application requesting funding for the installation of up to 90 emergency communications facilities in Southern California, located primarily in the County of Los Angeles, California for the purpose of creating a regional public safety interoperable land mobile radio system for the first and second responders of the greater Los Angeles area. Funding assistance would be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (CalOES) (Grantee), to the City of Los Angeles (Sub-grantee). The proposed facilities are collectively referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), which will be completed by the LA-RICS Joint Powers Authority, recipient to the HSGP.

Initially, 116 potential sites were considered from which up to 90 sites would be selected for the LMR project. One of the 116 sites was located on federal land administered by your agency, as shown on enclosed Table 1. As this site would have required review under your agency's regulations implementing the National Environmental Policy Act and other applicable laws (e.g., Endangered Species Act, National Historic Preservation Act), regulations, and executive orders, FEMA, as the entity considering funding assistance for this project, was required to coordinate with your Agency and initiated coordination for the environmental and historic preservation review for this proposed action per a letter dated April 1, 2015.

This letter is to advise your Agency that the site depicted in Table 1 has been removed from further consideration for the proposed action due to design and constructability constraints, and that FEMA will discontinue further consultation and coordination on this potential site.



David Stalters  
January 26, 2016  
Page 2

If you have any questions, please contact, Jill Dale at (510) 627-7728 by phone or [Jill.Dale@fema.dhs.gov](mailto:Jill.Dale@fema.dhs.gov). I can be reached by phone at (510) 627-7284 or by email at [Alessandro.Amaglio@fema.dhs.gov](mailto:Alessandro.Amaglio@fema.dhs.gov). Your cooperation during the prior coordination regarding this potential site is appreciated.

Sincerely,



for

Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

Attachment

cc: Justin Duke, Cal OES  
Alisa Finsten, City of Los Angeles  
Nancy Yang, LA-RICS Authority  
Beth Defend, LA-RICS Authority

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Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

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<b>Project Description</b> Propose installation of up to 20 whip and up to 5 microwave antennas on new monopole up to 70 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 3,000 square feet</li> <li>• Excavation: Up to 150 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 48 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 8 foot diameter x 36 foot deep drilled caisson with concrete cap for monopole support; or up to 16 foot x 16 foot x 10 foot deep concrete mat foundation</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						

Title 50 Code of Federal Regulations, Section 402.08 (50 CFR § 402.08), entitled *Designation of Non-Federal Representative*, allows a Federal agency to designate a non-Federal representative to conduct informal consultation or prepare a biological assessment on behalf of the Federal agency. FEMA, by this letter to the U.S. Fish and Wildlife Service and National Marine Fisheries Service (Services), formally designates LARICS as the non-Federal representative to conduct informal consultations or prepare biological assessments on FEMA's behalf for the action identified above, under the FEMA program described above, for compliance with Section 7 of the Endangered Species Act of 1973, as amended (16 U.S.C. § 1531-1543) (ESA). FEMA recognizes it retains ultimate responsibility for Section 7 obligations. This designation provides for LARICS to perform certain aspects of consultation, acting on behalf of FEMA for informal consultation and/or requests of species lists pursuant to the ESA, and it cannot be further designated to local agencies or their consultants.

Under this designation, FEMA encourages LARICS to be proactive in its informal consultation, including modification of the proposed project where necessary to avoid adverse effects to federally protected species and adverse modification to critical habitat. Through informal consultation, biological studies and other documentation prepared to assess the effects of FEMA actions on listed and proposed species and critical habitat may be submitted by LARICS directly to the Services' field office. The ultimate responsibility for compliance with all Section 7 requirements remains with the FEMA. Therefore, staff from our office may become involved during Informal Consultations in situations where there is a reasonable potential for adverse effects.

**No Effect Determinations:** LARICS may make a "No Effect" determination on threatened or endangered species, species proposed for listing, or designated/proposed critical habitat, after a qualified LARICS biologist concludes any of the following:

- The Services did not identify designated/proposed critical habitat within the project's action area; and:
- Field surveys conducted by a qualified biologist and/or existing information reviewed by a qualified biologist demonstrate that there is no suitable habitat or designated critical habitat in the project's action area.
- Suitable habitat has been identified; however, there is no reasonable evidence of the presence of listed species.
- The type and scope of the project is such that it would have no effect on listed species or their critical habitat.

LARICS is encouraged to request technical assistance from the Services if it is determined by a LARICS biologist that additional information relevant to the project's effect on known listed species or habitat within the action area is needed prior to reaching a "No Effect" determination. All "No Effect" determinations must be documented to FEMA. If appropriate, FEMA will concur with each "No Effect" determination through its process of complying with the National Environmental Policy Act (NEPA) for each FEMA federal action. If FEMA concurs with LARICS's "No Effect" determination, no Section 7 consultation will be necessary.

**Informal Consultation - Not Likely to Adversely Affect (NLAA) Determination:** Typically, if it is determined through informal consultation between LARICS and the Services that an action proposed for FEMA funding *may* have an effect, but it is "Not Likely to Adversely Affect" (NLAA) listed species and/or their critical habitat, LARICS may be requested, as a condition of the concurrence in the NLAA determination, to implement Best Management Practices, and/or protective measures during project construction, and/or perform restoration and enhancement of disturbed natural habitat resulting from construction activities.

Consultation with FEMA will not be necessary for acceptance of typical or routine protective measures for construction related activities, including pre-construction surveys, as described by the Services. However, FEMA recognizes the possibility for LARICS to pursue the development and incorporation of various types of conservation measures during informal consultation with the Services to avoid take of listed species or adverse modification of critical habitat. Depending on the FEMA Program funding an action, there are certain conservation measures that FEMA may not be able to fund or apply as grant conditions, and some conservation measures may affect FEMA's general NEPA compliance strategy and process for an action. Therefore, when the following conservation measures are considered for incorporation into a FEMA action by LARICS and the Service(s), FEMA must be involved early in the consultation planning process, and as often as appropriate during negotiations with the Service(s):

- Research studies and/or long term habitat replacement monitoring
- Mitigation involving land acquisition
- Purchase of credits from an existing mitigation bank
- Any measures involving grant program approval

Our objective for involvement during consultation will be to provide adequate assurance that conservation measures and public expenditures are appropriate and provide for adequate safeguards for successful project implementation and funding. As a part of informal consultation, LARICS may submit an appropriate biological resources report directly to the Service(s) requesting their concurrence of a "Not Likely to Adversely Affect" determination.

Information within biological resources reports will address all species listed and proposed for listing under the ESA, designated and proposed critical habitat that may be present in the action area of the project, and the evaluation of potential effects of the project on such species and habitat. The use of standardized biological document templates is encouraged.

Informal consultation concludes when LARICS and FEMA obtain written concurrence from the Service(s) that the action, as proposed or modified, is not likely to adversely affect listed or proposed species, or designated or proposed critical habitat; or a determination is made that formal consultation is required.

**FEMA Review of Biological Assessments (BA):** An appropriate biological resources report shall be labeled "Biological Assessment" (BA) if the report supports consultation for a FEMA action that is likely to adversely affect listed species or modify critical habitat.



The provisions of 50 CFR § 402 do not provide for delegation of Formal Consultation to a non-Federal representative. As the Federal lead for ESA consultation, FEMA will continue to carry out all formal consultation procedures with the Service(s) commencing with submittal of the BA and requesting initiation of formal consultation with the Service(s) and culminating in the "Biological Opinion" (BO) issued by the Service(s) to the FEMA. We encourage LARICS to assist FEMA with the review of draft BO; and when requested, promptly supply additional information to facilitate completion of the BO.

FEMA will provide independent reviews and evaluation of the scope and content of all Biological Assessments (BAs) before submitting them to the Services' field office. It is anticipated that all complete BAs provided to FEMA for review and transmittal to Service(s) will be carried out in a timely way, in most cases within 30 days of receipt by FEMA.

Information within a BA will follow all appropriate directions from the Service(s) and will generally follow the guidance contained in the March 1998 Endangered Species Consultation Handbook prepared by the Services.

**Re-initiation of Consultation:** Subsequent changes in the scope or design of a project, discovery of the presence of previously unknown listed species or critical habitat, or the listing of new species may require the re-initiation of ESA consultation. The Authority may re-initiate informal consultation. However, formal consultation must be re-initiated by the FEMA.

If you have any questions regarding this designation, please contact me at (510) 627-7284.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Alessandro Amaglio'.

Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

cc: LA-RICS

Los Angeles Mayor Office



## COMMUNICATIONS SYSTEM AUTHORITY

2525 Corporate Place, Suite 100  
Monterey Park, California 91754  
[www.la-rics.org](http://www.la-rics.org)  
(323) 881-8291

PATRICK J. MALLON  
EXECUTIVE DIRECTOR

February 6, 2015

Stephen P. Henry, Field Supervisor  
Ventura Fish & Wildlife Office  
U.S. Fish and Wildlife Service  
2493 Portola Road, Suite B  
Ventura, CA 93003

G. Mendel Stewart, Field Supervisor  
Carlsbad Fish & Wildlife Office  
U.S. Fish & Wildlife Service  
2177 Salk Avenue, Suite 250  
Carlsbad, CA 92008

Ken Corey, Assistant Field Supervisor  
Palm Springs Fish and Wildlife Office  
777 E. Tahquitz Canyon Way, Suite 208  
Palm Springs, CA 92262

### **SPECIES LIST REQUEST AND IDENTIFICATION OF POINTS OF CONTACT FOR THE LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM JOINT POWERS AUTHORITY LAND MOBILE RADIO PROJECT**

Dear Messrs. Henry, Stewart, and Corey:

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has designated the Los Angeles Regional Interoperable Communications System (LA-RICS) Joint Powers Authority (Authority), as FEMA's non-Federal representative for the proposed Land Mobile Radio (LMR) Project (or simply the LMR project) for purposes of the Endangered Species Act (ESA) Section 7 consultation process (reference the enclosed FEMA designation letter dated February 3, 2015). FEMA proposes to provide federal financial assistance for the installation of LMR project communications facilities in Southern California (Undertakings), located primarily in the County of Los Angeles, California, for the purpose of creating a regional public safety interoperable land mobile radio system for the first and second responders of the greater Los Angeles area. Funding assistance will be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (Cal OES) (Grantee), to the City of Los Angeles (Subgrantee).

The project will be completed by the LA-RICS Authority which is a sub-recipient of the HSGP grant via a sub-recipient agreement with the Subgrantee. The LA-RICS Authority will provide FEMA with data and analyses evaluating the effects of the Proposed Action.

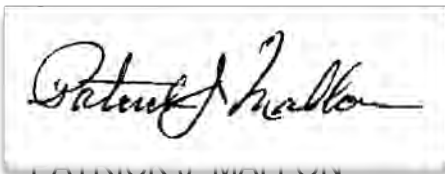
This letter is written to the U.S. Fish and Wildlife Service (USFWS) Ventura, Carlsbad, and Palm Springs Field Offices seeking your timely cooperation in responding to this FEMA funded project and, more specifically, to request two items: 1) a species list for the proposed LA-RICS LMR project; and 2) a single USFWS point of contact for the ESA Section 7 consultation process.

**Project Overview.** The proposed LA-RICS LMR project will provide an integrated, wireless voice-and-narrowband data communications system (the LMR system) developed to serve law enforcement, fire department, health service, and public works professionals throughout the greater Los Angeles area. This system will enable day-to-day communications within and among agencies, by providing seamless interagency communications when responding to routine, emergency, and catastrophic events. The system will support approximately 34,000 first responders and 17,000 secondary responders, and will provide protection for more than 10 million residents and 26 million annual Los Angeles area visitors. The proposed LMR project involves the placement of public safety communication facilities, including lattice towers, monopoles, antennas, emergency generators, and other equipment in a system of sites located within and throughout Los Angeles County and immediately adjacent areas. Prior communications between LA-RICS and USFWS regarding or related to the proposed LA-RICS LMR project are identified below:

- A March 26, 2014 teleconference between Ms. Colleen Draguesku of the Ventura Field Office and Mr. Bruce Palmer of Jacobs (LA-RICS Authority's environmental contractor) regarding consideration of non-wetland dispersal of California red-legged frog near specific sites under consideration.
- A March 27, 2014 email from Ms. Draguesku to Mr. Palmer regarding dispersal, known distribution, and recommendations for avoidance of California red-legged frogs at sites under consideration that are in proximity to suitable habitat.
- A June 5, 2014 teleconference among Ms. Draguesku, Mr. Jonathan Snyder of the Carlsbad Field Office, and Mr. Palmer regarding detection of coastal California gnatcatcher at a specific site under consideration.
- An August 27, 2014 teleconference between Ms. Draguesku and Mr. Palmer regarding designating a single USFWS point of contact for the proposed LA-RICS LMR project. Ms. Draguesku concurred that a single USFWS point of contact would be better for the USFWS and for the project.

Messrs. Henry, Stewart, and Corey  
February 6, 2015  
Page 3

by email at [nancy.yang@la-rics.org](mailto:nancy.yang@la-rics.org). We appreciate the time and assistance from the USFWS to help complete this grant award endeavor. Should you have any questions, please do not hesitate to contact me.

A rectangular box containing a handwritten signature in black ink. The signature appears to be "Patrick J. Mallon" written in a cursive, flowing style.

PATRICK J. MALLON  
EXECUTIVE DIRECTOR

Enclosure

c: Alessandro Amaglio, FEMA Region IX  
Justin Duke, Cal OES  
Alisa Finsten, City of Los Angeles  
Nancy Yang, LA-RICS





# United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Ventura Fish and Wildlife Office  
2493 Portola Road, Suite B  
Ventura, California 93003

IN REPLY REFER TO:  
08EVEN00-2015-TA-0135

April 20, 2015

Patrick J. Mallon, Executive Director  
Los Angeles Regional Interoperable Communication System Authority  
2525 Corporate Place, Suite 100  
Monterey Park, California 91754

Subject: Request for Species List for the Los Angeles Regional Interoperable Communications System Project, Land Mobile Radio, in Southern California

Dear Mr. Mallon:

We are responding to your request, dated February 6, 2015 and received in our office on February 9, 2015, for a list of federally endangered, threatened, proposed, and candidate species and their critical habitats which may occur in the vicinity of the Los Angeles Regional Interoperable Communications System (LA-RICS) Joint Powers Authority (Authority), Land Mobile Radio project (LMR). The project involves the installation of public safety communications facilities and equipment at in the greater Los Angeles County area, California.

We understand U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) is the lead Federal agency for this project, and that it would assume responsibility under section 7 of the Endangered Species Act of 1973, as amended (Act). We further understand that the Authority is the non-federal representative for the FEMA for purposes of informal section 7 consultation under the Act, as described in a letter from FEMA dated February 9, 2015, and received in our office on February 17, 2015.

The proposed project covers areas within the jurisdiction of the Ventura Fish and Wildlife Office (VFWO), Carlsbad Fish and Wildlife Office (CFWO), and Palm Springs Fish and Wildlife Office (a sub-office of the CFWO). You requested that the U.S. Fish and Wildlife Service (Service) designate a single point of contact for purposes of section 7 consultation. In the future, please contact the VFWO regarding the proposed project.

The enclosed list includes species which have the potential to occur in the vicinity of the LMR project, including sites within the jurisdiction of the VFWO, CFWO and PSFWO. The enclosed list of species fulfills the requirements of the Service under section 7(c) of the Act. FEMA, as the lead Federal agency for the project, has the responsibility to review its proposed activities and determine whether any listed species may be affected. If the project is a construction project which may require an environmental impact statement<sup>1</sup>, FEMA has the responsibility to prepare a biological assessment to make a determination of the effects of the action on the listed species or critical habitat. If FEMA determines that a listed species or critical habitat may be affected, it should request, in writing through our office, consultation pursuant to section 7 of the Act. Informal consultation may be used to exchange information and resolve conflicts with respect to threatened or

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<sup>1</sup> "Construction project" means any major Federal action which significantly affects the quality of the human environment designed primarily to result in the building of structures such as dams, buildings, roads, pipelines, and channels. This includes Federal actions such as permits, grants, licenses, or other forms of Federal authorizations or approval which may result in construction.



endangered species or their critical habitat prior to a written request for formal consultation, if required. During this review process, FEMA may engage in planning efforts but may not make any irreversible commitment of resources. Such a commitment could constitute a violation of section 7(d) of the Act.

Candidate species are those species presently under review by the Service for consideration for Federal listing. Candidate species should be considered in the planning process because they may become listed or proposed for listing prior to project completion. Preparation of a biological assessment, as described in section 7(c) of the Act, is not required for candidate species. If early evaluation of your project indicates that it is likely to affect a candidate species, you may wish to request technical assistance from this office.

In addition, communication towers may create a significant impact on migratory birds, especially some 350 species of night-migrating birds. Communications towers are estimated to kill 4 to 5 million birds per year, which violates the spirit and the intent of the Migratory Bird Treaty Act (16 U.S.C. 703-712)(MBTA) and the Code of Federal Regulations at Part 50, designed to implement the MBTA. The MBTA prohibits the taking, killing, possession, transportation, and importation of migratory birds, their eggs, parts, and nests, except when specifically authorized by the Department of the Interior.

Collisions with towers, antennae, or their guy wires are a threat to many bird species, particularly during migration. In order to assist you in your planning efforts for this project, we have included with this letter the Service's 2013 Revised Guidelines for Communication Tower Design, Siting, Construction, Operation, Retrofitting, and Decommissioning.

We recommend that you review information in the California Department of Fish and Game's Natural Diversity Data Base. You can contact the California Department of Fish and Game at (916) 324-3812 for information on other sensitive species that may occur in this area. If you have any questions, please contact Colleen Draguesku of my staff at (760) 431-9440 extension 241, or by e-mail at [Colleen\\_Draguesku@fws.gov](mailto:Colleen_Draguesku@fws.gov)

Sincerely,



Jeff Phillips  
Deputy Assistant Field Supervisor

Enclosures

cc:

Jonathan Snyder, Carlsbad Fish and Wildlife Office  
Ken Corey, Palm Springs Fish and Wildlife Office  
Alessandro Amaglio, Federal Emergency Management Agency

**LISTED AND CANDIDATE SPECIES THAT MAY OCCUR IN THE  
VICINITY OF THE LA-RICS LMR PROJECT, CALIFORNIA**

Birds

California condor	<i>Gymnogyps californianus</i>	E, CH
Coastal California gnatcatcher	<i>Polioptila californica</i>	T, CH
California least tern	<i>Sterna antillarum browni</i>	E
Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>	E, CH
Least Bell's vireo	<i>Vireo bellii pusillus</i>	E, CH
Western snowy plover	<i>Charadrius alexandrinus nivosus</i>	T, CH
Yellow-billed cuckoo	<i>Coccyzus americanus</i>	T
Light-footed clapper rail	<i>Rallus longirostris levipes</i>	E

Reptiles

Desert tortoise	<i>Gopherus agassizii</i>	T, CH
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Amphibians

California red-legged frog	<i>Rana draytonii</i>	T, CH
Arroyo toad	<i>Anaxyrus californicus</i>	E, CH
Mountain yellow-legged frog	<i>Rana muscosa</i>	E, CH

Fish

Tidewater goby	<i>Eucyclogobius newberryi</i>	E, CH
Unarmored threespine stickleback	<i>Gasterosteus aculeatus williamsoni</i>	E
Santa Ana sucker	<i>Catostomus santaanae</i>	T, CH
Steelhead trout	<i>Oncorhynchus mykiss</i>	*E

Mammals

San Bernardino kangaroo rat	<i>Dipodomys merriami parvus</i>	E
Pacific pocket mouse	<i>Perognathus longimembris pacificus</i>	E

Invertebrates

Conservancy fairy shrimp	<i>Branchinecta conservatio</i>	E
Riverside fairy shrimp	<i>Streptocephalus woottoni</i>	E
San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>	E
El Segundo blue butterfly	<i>Euphilotes battoides allyni</i>	E
Palos Verdes blue butterfly	<i>Glaucopsyche lygdamus palosverdensis</i>	E, CH
Quino checkerspot butterfly	<i>Euphydryas editha quino</i>	E

Plants

Braunton's milk-vetch	<i>Astragalus brauntonii</i>	E, CH
California Orcutt grass	<i>Orcuttia californica</i>	E
Conejo dudleya	<i>Dudleya abramsii ssp. parva</i>	T
Lyon's pentachaeta	<i>Pentachaeta lyonii</i>	E, CH
Marcescent dudleya	<i>Dudleya cymosa ssp. marcescens</i>	T
Salt marsh bird's-beak	<i>Cordylanthus maritimus ssp. maritimus</i>	E
Nevin's barberry	<i>Berberis nevinii</i>	E
Santa Monica Mountains live-forever	<i>Dudleya cymosa ssp. ovatifolia</i>	T
San Fernando Valley spineflower	<i>Chorizanthe parryi var. fernandina</i>	C



Slender-horned spineflower	<i>Dodecahema leptoceras</i>	E
Spreading navarretia	<i>Navarretia fossalis</i>	T, CH
Verity's dudleya	<i>Dudleya verityi</i>	T
Marsh sandwort	<i>Arenaria paludicola</i>	E
Gambel's watercress	<i>Rorippa gambellii</i>	E
Ventura marsh milk vetch	<i>Astragalus pycnostachyus</i> var. <i>lanosissimus</i>	E
Coastal dunes milk-vetch	<i>Astragalus tener</i> var. <i>titi</i>	E
Thread-leaved brodiaea	<i>Brodiaea filifolia</i>	T, CH
Brand's phacelia	<i>Phacelia stellaris</i>	C

**Key:**

E - Endangered T - Threatened CH - Critical habitat

C - Candidate species for which the Fish and Wildlife Service has on file sufficient information on the biological vulnerability and threats to support proposals to list as endangered or threatened.

\* The National Marine Fisheries Service is the responsible agency for the steelhead.



**2013 U.S. Fish and Wildlife Service (USFWS) Revised Guidelines for Communication Tower Design, Siting, Construction, Operation, Retrofitting, and Decommissioning -- Suggestions Based on Previous USFWS Recommendations to FCC Regarding WT Docket No. 03-187, FCC 06-164, Notice of Proposed Rulemaking, "Effects of Communication Towers on Migratory Birds," Docket No. 08-61, FCC's Antenna Structure Registration Program, and Service 2012 Wind Energy Guidelines**

Submitted by:

Albert M. Manville, II, Ph.D., C.W.B.  
Senior Wildlife Biologist & Avian-Structural Lead  
Division of Migratory Bird Management, USFWS  
4401 N. Fairfax Dr. -- MBSP-4107  
Arlington, VA 22203  
703/358-1963, [albert\\_manville@fws.gov](mailto:albert_manville@fws.gov)

Last updated: April 19, 2013

[Comm Tower 2013 Revised Guidance-to FCC-AMM.docx]

1. Collocation of the communications equipment on an existing communication tower or other structure (e.g., billboard, water and transmission tower, distribution pole, or building mount) is strongly recommended. Depending on tower load factors and communication needs, from 6 to 10 providers should collocate on an existing tower or structure provided that frequencies do not overlap/"bleed" or where frequency length or broadcast distance requires higher towers. New towers should be designed structurally and electronically to accommodate the applicant's antenna, and antennas of at least 2 additional users -- ideally 6 to 10 additional users, if possible -- unless the design would require the addition of lights and/or guy wires to an otherwise unlit and/or unguyed tower. This recommendation is intended to reduce the number of towers needed in the future.
2. If collocation is not feasible and a new tower or towers are to be constructed, it is strongly recommended that the new tower(s) should be not more than 199 feet above ground level (AGL), and that construction techniques should not require guy wires. Such towers should be unlighted if Federal Aviation Administration (FAA) regulations and lighting standards (FAA 2007, Patterson 2012, FAA 2013 lighting circular anticipated update) permit. Instead, we recommend using lattice tower or monopole structures. The Service considers this option the "gold standard" and suggests that this is the environmentally preferred industry standard for tower placement, construction and operation -- i.e., towers that are unlit, unguyed, monopole or lattice, and less than 200 ft AGL.
3. If constructing multiple towers, the cumulative impacts of all the towers to migratory birds --especially to Birds of Conservation Concern (FWS 2008) and threatened and endangered species, as well as the impacts of each individual tower, should be considered during the development of a project.
4. The topography of the proposed tower site and surrounding habitat should be clearly noted, especially in regard to surrounding hills, mountains, mountain passes, ridge lines, rivers, lakes, wetlands, and other habitat types used by raptors, Birds of Conservation Concern, and state and federally listed species, and other birds of concern. Active raptor nests, especially those of Bald and Golden Eagles, should be noted, including known or suspected distances from proposed tower sites to nest locations. Nest site locations for Golden Eagles may vary between years, and unoccupied, inactive nests and nest sites may be re-occupied over multiple years. The Service's 2012 Draft Eagle Conservation Plan Guidance, Version 1 (Wind), available on our website, is a useful document (FWS 2011).



5. If at all possible, new towers should be sited within existing "antenna farms" (i.e., clusters of towers), in degraded areas (e.g., strip mines or other heavily industrialized areas), in commercial agricultural lands, in Superfund sites, or other areas where bird habitat is poor or marginal. Towers should not be sited in or near wetlands, other known bird concentration areas (e.g., state or federal refuges, staging areas, rookeries, and Important Bird Areas), in known migratory, daily movement flyways, areas of breeding concentration, in habitat of threatened or endangered species, or key habitats for Birds of Conservation Concern (FWS 2008). Disturbance can result in effects to bird populations which may cumulatively affect their survival. The Service has recommended some disturbance-free buffers, e.g., 0.5 mi around raptor nests during the nesting season, and 1-mi disturbance free buffers for Ferruginous Hawks and Bald Eagles during nesting season in Wyoming (FWS WY Ecological Services Field Office, referenced in Manville 2007:23). The effects of towers on "prairie grouse," "sage grouse," and grassland and shrub-steppe bird species should also be considered since tall structures have been shown to result in abandonment of nest site areas and leks, especially for "prairie grouse" (Manville 2004). The issue of buffers is currently under review, especially for Bald and Golden Eagles. Additionally, towers should not be sited in areas with a high incidence of fog, mist, and low cloud ceilings.

6. If taller (> 199 ft AGL) towers requiring lights for aviation safety must be constructed, the minimum amount of pilot warning and obstruction avoidance lighting required by the FAA should be used. Unless otherwise required by the FAA, only white strobe or red strobe lights (red preferable), or red flashing incandescent lights should be used at night, and these should be the minimum number, minimum intensity (< 2,000 candela), and minimum number of flashes per minute (i.e., longest duration between flashes/"dark phase") allowable by the FAA. The use of solid (non-flashing) warning lights at night should be avoided (Patterson 2012, Gehring et al. 2009). Current research indicates that solid red lights attract night-migrating birds at a much higher rate than flashing lights (Gehring et al. 2009, Manville 2007, 2009). Recent research indicates that use of white strobe, red strobe, or red flashing lights alone provides significant reductions in bird fatalities (Patterson 2012, Gehring et al. 2009).

7. Tower designs using guy wires for support, which are proposed to be located in known raptor or waterbird concentrations areas, daily movement routes, major diurnal migratory bird movement routes, staging areas, or stopover sites, should have daytime visual markers or bird deterrent devices installed on the wires to prevent collisions by these diurnally moving species. The efficacy of bird deterrents on guy wires to alert night migrating species has yet to be scientifically validated. For guidance on markers, see Avian Power Line Interaction Committee (APLIC). 2006. *Suggested Practices for Avian Protection on Power Lines -- State of the Art in 2006*. Edison Electric Institute, APLIC, and the California Energy Commission. Washington, DC, and Sacramento, CA. 207 pp. And APLIC. 2012. *Reducing Avian Collisions with Power Lines -- the State of the Art in 2012*. Edison Electric Institute and APLIC. Washington, DC. 159 pp. Also see [www.aplic.org](http://www.aplic.org), [www.energy.ca.gov](http://www.energy.ca.gov), or call 202-508-5000.

8. Towers and appendant facilities should be designed, sited, and constructed so as to avoid or minimize habitat loss within and adjacent to the tower "footprint." However, a larger tower footprint is preferable to the use of guy wires in construction. Several shorter, un-guyed towers are preferable to one, tall guyed, lighted tower. Road access and fencing should be minimized to reduce or prevent habitat fragmentation, disturbance, and the creation of barriers, and to reduce above ground obstacles to birds in flight.

9. If, prior to tower design, siting and construction, if it has been determined that a significant number of breeding, feeding and roosting birds, especially of Birds of Conservation Concern (FWS 2008) and state or federally-listed bird species are known to habitually use the proposed tower construction area, relocation to an alternate site is highly recommended. If this is not an option, seasonal restrictions on construction are advised in order to avoid disturbance, site and nest abandonment, especially during breeding, rearing and other periods of high bird activity.



10. Security lighting for on-ground facilities, equipment and infrastructure should be motion- or heat-sensitive, down-shielded, and of a minimum intensity to reduce nighttime bird attraction and eliminate constant nighttime illumination, but still allow safe nighttime access to the site (FWS 2012, Manville 2011).
11. Representatives from the USFWS or researchers from the Research Subcommittee of the Communication Tower Working Group should be allowed access to the site to evaluate bird use; conduct dead-bird searches; place above ground net catchments below the towers (Manville 2002); and to perform studies using radar, Global Position System, infrared, thermal imagery, and acoustical monitoring, as necessary. This will allow for assessment and verification of bird movements, site use, avoidance, and mortality. The goal is to acquire information on the impacts of various tower types, sizes, configurations and lighting protocols.
12. Towers no longer in use, not re-licensed by the FCC for use, or determined to be obsolete should be removed from the site within 12 months of cessation of use, preferably sooner.
13. In order to obtain information on the usefulness of these guidelines in preventing bird strikes and better understanding impacts from habitat fragmentation, please advise USFWS and TPWD personnel of the final location and specifications of the proposed tower, and which measures recommended in these guidelines were implemented. If any of these recommended measures cannot be implemented, please explain why they are not feasible. This will further advise USFWS in identifying any recurring problems with the implementation of the guidelines, which may necessitate future modifications.

## Reference Sources:

- Federal Aviation Administration,. 2007. Obstruction marking and lighting. Advisory Circular AC 70/7460-1K. U.S. Department of Transportation.
- Gehring, J., P. Kerlinger, and A.M. Manville, II. 2009. Communication towers, lights and birds: successful methods of reducing the frequency of avian collisions. *Ecological Applications* 19(2): 505-514. Ecological Society of America.
- Manville, A.M., II. 2002. Protocol for monitoring the impact of cellular telecommunication towers on migratory birds within the Coconino, Prescott, and Kaibab National Forests, Arizona. Protocol requested by U.S. Forest Service. 9 pp.
- Manville, A.M., II. 2004. Prairie grouse leks and wind turbines: U.S. Fish and Wildlife Service justification for a 5-mile buffer from leks; additional grassland songbird recommendations. Division of Migratory Bird Management, USFWS, Arlington, VA, peer-reviewed briefing paper. 17 pp.
- Manville, A.M., II. 2007. Comments of the U.S. Fish and Wildlife Service Submitted Electronically to the FCC on 47 CFR Parts 1 and 17, WT Docket No. 03-187, FCC 06-164, Notice of Proposed Rulemaking, "Effects of Communication Towers on Migratory Birds." February 2, 2007. 32 pp.
- Manville, A.M., II. 2009. Towers, turbines, power lines, and buildings -- steps being taken by the U.S. Fish and Wildlife Service to avoid or minimize take of migratory birds at these structures. Pages 262-272 *In* T.D. Rich, C. Arizmendi, D. Demarest, and C. Thompson (eds.). *Tundra to Tropics: Connecting Habitats and People*. Proceedings 4th International Partners in Flight Conference, McAllen, TX.
- Manville, A.M., II. 2011. Comments of the U.S. Fish and Wildlife Service's Division of Migratory Bird Management Filed Electronically on WT Docket No. 08-61 and WT Docket No. 03-187, Regarding the Environmental Effects of the Federal Communication's Antenna Structure Registration Program. January 14, 2011. 12 pp.
- Patterson, J.T., Jr. 2012. Evaluation of new obstruction lighting techniques to reduce avian fatalities. DOT/FAA/TC-TN12/9, Federal Aviation Administration, U.S. Department of Transportation. 28 pp, plus appendices.
- U.S. Fish and Wildlife Service. 2008. Birds of Conservation Concern 2008. United States Department of Interior, Fish and Wildlife Service, Division of Migratory Bird Management, Arlington, VA. 85 pp. <http://www.fws.gov/migratorybirds/>
- U.S. Fish and Wildlife Service. 2011. Draft Eagle Conservation Plan Guidance. January 2011. 106 pp.
- U.S. Fish and Wildlife Service. 2012. U.S. Fish and Wildlife Service Land-based Wind Energy Guidelines. 71 pp





**LOS ANGELES REGIONAL INTEROPERABLE  
COMMUNICATIONS SYSTEM AUTHORITY**

2525 Corporate Place, Suite 100

Telephone: (323) 881-8291  
<http://www.la-rics.org>

PATRICK J. MALLON  
EXECUTIVE DIRECTOR

SENT CORRESPONDENCE BY:  
E-MAIL

January 15, 2016

Mr. Steven P. Henry, Field Supervisor  
Ventura Fish and Wildlife Office  
U.S. Fish and Wildlife Service  
2493 Portola Road, Suite B  
Ventura, California 93003

Dear Mr. Henry:

**REQUEST FOR CONCURRENCE: LOS ANGELES REGIONAL INTEROPERABLE  
COMMUNICATIONS SYSTEM (LA-RICS) JOINT POWERS AUTHORITY  
(AUTHORITY) AS DESIGNATED NON-FEDERAL REPRESENTATIVE FOR  
FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)  
ENDANGERED SPECIES ACT (ESA) SECTION 7 INFORMAL CONSULTATION  
FOR THE LAND MOBILE RADIO (LMR) PROJECT**

The U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) proposes to provide Federal financial assistance to the Los Angeles Regional Interoperable Communications System Joint Powers Authority (Authority) to support construction of a county-wide wireless network using land mobile radio (LMR) technology to improve shared voice and data communication systems for public safety agencies throughout the Los Angeles County area known as the Land Mobile Radio (LMR) Project. FEMA is the lead Federal agency but has designated the Authority as the non-federal representative for the LMR Project for purposes of informal consultation under Section 7 of the Endangered Species Act (ESA) in a letter to the U.S. Fish and Wildlife Service (Service) dated February 3, 2015.

The LMR Project consists of up to 90 sites out of a pool of 96 potential Project sites. Project sites would be located primarily within Los Angeles County, but also in adjacent portions of Orange and San Bernardino counties. Each of these 96 sites has been individually evaluated for effects to ESA species, their habitats, and designated critical

The Biological Resources Report (BRR) considers the direct, indirect, and cumulative effects on ESA-designated species potentially occurring at each proposed Project site, and establishes required conservation measures to be implemented on a site-by-site basis. The list of 58 ESA-designated species to be considered in the evaluation of potential Project effects included the 42 species from the Project-specific species list provided by the Service (April 20, 2015), with additional species identified through the Service's online Information, Planning and Conservation system for the greater Los Angeles County region (updated through November 26, 2015); Service's critical habitat portal; and species occurrence data available through the California Department of Fish and Wildlife's California Natural Diversity Database (queries from March 17, 2014, March 4, 2015, and October 1, 2015). Of the 58 ESA-designated species, FEMA has determined that 18 species have the potential for occurrence at 61 of the 96 individual proposed Project sites and are further analyzed in detail for 118 determinations of effect to the species and their designated or proposed critical habitats.

The following 18 species are evaluated in detail in the BRR due to known occurrences and/or presence of suitable habitat within or near one or more individual Project sites:

Arroyo toad	<i>Anaxyrus californicus</i>	Endangered
Braunton's milk-vetch	<i>Astragalus brauntonii</i>	Endangered
California condor	<i>Gymnogyps californianus</i>	Endangered
California red-legged frog	<i>Rana draytonii</i>	Threatened
Coastal California gnatcatcher	<i>Polioptila californica californica</i>	Threatened
Island rush-rose	<i>Crocanthemum greenei</i>	Threatened
Least Bell's vireo	<i>Vireo bellii pusillus</i>	Endangered
Lyon's pentachaeta	<i>Pentachaeta lyonii</i>	Endangered
Mountain yellow-legged frog - southern California DPS	<i>Rana muscosa</i>	Endangered
Palos Verdes blue butterfly	<i>Glaucopsyche lygdamus palosverdesensis</i>	Endangered

	<i>Chorizanthe parryi</i> var. <i>fernandina</i>	Candidate
Santa Catalina Island fox	<i>Urocyon littoralis catalinae</i>	Endangered
Santa Cruz Island rockcress	<i>Sibara filifolia</i>	Endangered
Santa Monica Mountains dudleya	<i>Dudleya cymosa</i> ssp. <i>ovatifolia</i>	Threatened
Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>	Endangered
Western snowy plover	<i>Charadrius alexandrinus nivosus</i>	Threatened
Tidewater goby	<i>Eucyclogobius newberryi</i>	Endangered
Unarmored three-spine stickleback	<i>Gasterosteus williamsoni</i>	Endangered

The BRR concludes that the proposed 96 LMR Project sites, with conservation measures, would have **no effect** to the following three ESA-designated species: the Santa Monica Mountains dudleya, tidewater goby, or unarmored three-spine stickleback, and/or critical habitat for the tidewater goby. No critical habitat has been designated or proposed for the Santa Monica Mountains dudleya and the unarmored three-spine stickleback. The proposed Project sites **may affect, but are not likely to adversely affect** the remaining 15 ESA-designated species and/or their designated critical habitat.

On behalf of FEMA, the Authority is seeking the Service's cooperation in implementing a consultation approach for sequential evaluation of groups of Project sites based on individual site-specific analyses. The same species identification methodology, detailed evaluation of Project-related effects, and development and application of conservation measures, as demonstrated in the BRR, provides the approach for efficient and effective consultation on identified and future unidentified Project sites. Each site-specific analysis will be documented and tiered to the BRR. Only Project sites for which a **may affect, not likely to adversely affect** determination is made would be forwarded through this process. Any site that would result in a may affect, likely to adversely affect determination to a listed species or would destroy or adversely modify critical habitat would be removed from consideration in this process. The Authority will provide prioritized groups of sites to proceed with consultation. The initial group would be followed by other groups of sites, as needed. As the designated non-federal representative on behalf of FEMA, the Authority would prepare the list of priority sites and any required future site-specific analyses.

With the submittal of this letter and BRR, as FEMA's non-federal representative, the Authority is requesting the Service's approval of the consultation process outlined above, and concurrence on the site-specific determinations for a group of sites to be submitted following process approval. We understand that until site-specific ESA

Section 7 consultation is complete, construction at that specific site would not commence.

As FEMA retains ultimate responsibility for compliance with the ESA Section 7 requirements, FEMA requests the Service's correspondence be addressed to FEMA as follows with a copy to the Authority:

Mr. Alessandro Amaglio  
Regional Environmental Officer  
U.S. Department of Homeland Security  
Federal Emergency Management Agency  
Region IX  
1111 Broadway, Suite 1200  
Oakland, CA 94607-4052

We appreciate and thank you for your review of the BRR for the LMR Project. The Authority is available to meet with the Service to discuss the LMR Project and address any concerns or conservation issues. If you have questions, please contact LA-RICS representative Ms. Nancy Yang at (323) 267-2922 or by email at [nancy.yang@la-rics.org](mailto:nancy.yang@la-rics.org). For FEMA representative, please contact Ms. Jill Dale at (510) 627-7728 or by email at [Jill.Dale@fema.dhs.gov](mailto:Jill.Dale@fema.dhs.gov).

Respectfully submitted,



PATRICK J. MALLON  
EXECUTIVE DIRECTOR

NY:ja

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c: Lara Drizd (Ventura Fish and Wildlife Office)  
Alessandro Amaglio (FEMA Region IX)  
Jill Dale (FEMA Region IX)  
Nancy Yang (LA-RICS Authority)  
Carl Rykaczewski (Jacobs)





# United States Department of the Interior

FISH AND WILDLIFE SERVICE  
Ventura Fish and Wildlife Office  
2493 Portola Road, Suite B  
Ventura, California 93003



IN REPLY REFER TO:  
08EVEN00-2016-1-0189

January 29, 2016

Alessandro Amaglio  
Environmental Officer, Region IX  
U.S. Department of Homeland Security,  
Federal Emergency Management Agency  
1111 Broadway, Suite 1200  
Oakland, California 94607

Subject: Los Angeles Regional Interoperable Communications System, Broadband  
Technology Opportunities Program Phase Two, Los Angeles County, California

Dear Mr. Amaglio:

We are responding to a request, dated January 15, 2016, and received in our office that same day via electronic mail (email) from the Los Angeles Regional Interoperable Communications System (LA-RICS) Joint Powers Authority (Authority) requesting the U.S. Fish and Wildlife Service's (Service) input on construction of a wireless network using land mobile radio (LMR) technology to improve shared voice and data communication systems for public safety agencies throughout the Los Angeles County area known as the LMR Project. The Authority has requested implementation of a consultation approach that would allow subsequent site-specific review and our concurrence that proposed activities may affect, but are not likely to adversely affect, federally listed species. These species include the endangered arroyo toad (*Anaxyrus californicus*), Braunter's milk-vetch (*Astragalus braunterii*), California condor (*Gymnogyps californianus*), least Bell's vireo (*Vireo bellii pusillus*), Lyon's pentachaeta (*Pentachaeta lyonii*), mountain yellow-legged frog (*Rana muscosa*; southern California Distinct Population Segment), Palos Verdes blue butterfly (*Glaucopsyche lygdamus Palosverdesensis*), Santa Catalina Island fox (*Urocyon littoralis catalinae*), Santa Cruz Island rockcress (*Sibara filifolia*), and southwestern willow flycatcher (*Empidonax traillii extimus*), as well as the threatened California red-legged frog (*Rana draytonii*), coastal California gnatcatcher (*Polioptila californica californica*), island rush-rose (*Crocanthemum Greenei*), and western snowy plover (*Charadrius nivosus nivosus*). The Authority also requested the process be used for subsequent determinations that the subject project may affect, but is not likely to adversely affect, critical habitat for the aforementioned species. The Federal Emergency Management Agency (FEMA) is the lead federal agency and is proposing to provide financial assistance for the project. We understand that FEMA has designated the Authority as their non-federal representative for the subject project.

The proposed project consists of up to 90 sites out of a pool of 96 potential proposed project sites. Proposed project sites would be located primarily within Los Angeles County, but also in adjacent portions of Orange and San Bernardino counties. Proposed project activities may include a combination of new antennas attached to buildings, new monopoles or lattice towers, installation of network equipment shelters, emergency generators, other appurtenances and infrastructure, fencing, and trenching for utilities. Additional actions at only a few proposed sites include retaining walls, solar arrays, and utility poles. The equipment and structures at each site would be located at a previously disturbed facility. Antennas would be co-located onto existing communication towers when possible. New towers would comply with the voluntary standards established by the Service's Office of Migratory Birds.

The Authority has developed a Biological Resources Report (BRR) that considers the direct, indirect, and cumulative effects on federally listed species potentially occurring at each proposed project site, and establishes required conservation measures to be implemented on a site-by-site basis. For proposed project sites where FEMA determines there may be an effect to listed species or critical habitat, the following information would be submitted to the Service for review:

- a description of the site-specific action being considered;
- a description of the specific area that may be affected by the action;
- a description of any listed species or critical habitat, and an analysis of any cumulative effects;
- relevant reports<sup>1</sup>, including any environmental impact statements, environments assessments, biological assessment or other analysis prepared on the proposal; and
- any other relevant studies or other information available on the action, the affected listed species, or critical habitat.

We would review this information and provide FEMA feedback and, if we have no concerns, provide approval to commence proposed project activities. If FEMA (based on our feedback), determines that the proposed actions are likely to adversely affect listed species or critical habitat, we would continue to work with FEMA and the Authority to locate alternate sites where adverse effects to federally listed species, or their respective critical habitat designations, would not occur. If FEMA is unable to select an alternative location, then FEMA will initiate formal consultation with the Service for that specific location. FEMA understands that site-specific Endangered Species Act (ESA) compliance has not been achieved until we have provided approval. Our response with feedback and approval could be transmitted informally (e.g., via email). If FEMA submits multiple project sites for review at the same time, FEMA will inform us which locations should be prioritized.

This letter is not a conclusion of informal consultation under section 7 of the ESA, rather an agreement on the proposed approach for subsequent site-specific section 7 consultation. When implemented as outlined above, this process will ensure ESA compliance because FEMA will sequentially evaluate proposed project sites based on individual site-specific analyses and seek our approval prior to commencing project activities. Furthermore, should project activities at a

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<sup>1</sup> Please note that FEMA will not need to submit a new or revised Biological Resources Report with each site-specific review. A brief summary describing how the site fits into the greater LA-RICS project will be sufficient.

specific location have an adverse effect on federally listed species or their respective critical habitat, FEMA will find another location for the project where there would be no adverse effects, or FEMA will initiate formal consultation with the Service.

If you have any questions regarding this matter, please contact Lara Drizd of our staff at (805) 644-1766, extension 321.

Sincerely,



Collette M. Thogerson, Ph.D.  
Assistant Field Supervisor

cc:

Mendel Stewart, Carlsbad Fish and Wildlife Service Office  
William W. Stelle, Jr., NOAA Fisheries





**FEMA**

April 1, 2015

Mr. Daniel Lovato  
Forest Supervisor  
U.S. Department of Agriculture  
United States Forest Service  
Angeles National Forest  
701 N. Santa Anita Ave.  
Arcadia, CA 91006-7725

Subject: Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project  
FEMA HSGP 2010-SS-T0-0085 (17651)  
Sub-grantee: City of Los Angeles, CA

Dear Mr. Lovato,

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has received an application requesting funding for the installation of up to 90 emergency communications facilities in Southern California, located primarily in the County of Los Angeles, California for the purpose of creating a regional public safety interoperable land mobile radio system for the first and second responders of the greater Los Angeles area. These facilities would be selected from a total of 116 potential sites as shown in the enclosed Figure 1.

Funding assistance would be provided by FEMA's Homeland Security Grant Program (HSGP), through the California Governor's Office of Emergency Services (Cal OES) (Grantee), to the City of Los Angeles (Sub-grantee). The proposed facilities are collectively referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), which will be completed by the LA-RICS Joint Powers Authority, recipient to the HSGP.

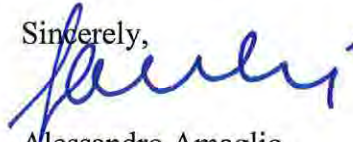
Of the 116 sites being evaluated, 25 are located on federal land, administered by your agency, as shown on enclosed Table 1. These sites will require review under your agency's regulations implementing the National Environmental Policy Act, and other applicable laws (e.g., Endangered Species Act, National Historic Preservation Act), regulations, and executive orders. As the entity considering funding assistance for this project, FEMA is required to coordinate with your Agency and proposes that it be considered a cooperating agency for the environmental compliance process for this project.



Daniel Lovato  
April 1, 2015  
Page 2

Please contact me at your earliest convenience to coordinate the environmental and historic preservation review for this proposed action. I can be reached by phone at (510) 627-7284 or by e-mail at [Alessandro.Amaglio@fema.dhs.gov](mailto:Alessandro.Amaglio@fema.dhs.gov).

Sincerely,



Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

Attachments

Figure 1 LA RICS 116 Potential Sites

Table 1 Potential Project Sites Located on USFS Administered Lands

cc: Justin Duke, Cal OES  
Alisa Finsten, City of Los Angeles  
Nancy Yang, LA-RICS Authority  
Jim Hoyt, LA-RICS Authority

**TABLE 1. POTENTIAL PROJECT SITES LOCATED ON U. S. FOREST SERVICE-ADMINISTERED LAND**  
**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
BUR	Burnt Peak	34.68224078	-118.5773369	Angeles National Forest Pine Canyon Rd. to 7N23A	Three Points/Lake Hughes	93532
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						
BUR1	Burnt Peak – 1	34.68224992	-118.5746908	Angeles National Forest Pine Canyon Rd. to 7N23A	Three Points/Lake Hughes	93532
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose construction of up to 200 foot long x 4 foot high retaining wall. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						

**TABLE 1. POTENTIAL PROJECT SITES LOCATED ON U. S. FOREST SERVICE-ADMINISTERED LAND  
Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
BUR2	Burnt Peak – 2	34.68295803	-118.5752971	Angeles National Forest Pine Canyon Rd. to 7N23A	Three Points/Lake Hughes	93532
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Proposed construction of up to 200 foot long x 4 foot high retaining wall. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						
BUR3	Burnt Peak – 3	34.68354339	-118.5773013	Angeles National Forest Pine Canyon Rd. to 7N23A	Three Points/Lake Hughes	93532
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						

**TABLE 1. POTENTIAL PROJECT SITES LOCATED ON U. S. FOREST SERVICE-ADMINISTERED LAND**  
**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
FRP	Frost Peak (Upper Blue Ridge)	34.35163325	-117.6744165	Blue Ridge Rd. 3N06	Wrightwood	92397
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						
GMT	Grass Mountain	34.64091516	-118.4144131	San Francisquito Rd. to 6N04	Green Valley	91390
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of two (2) up to 85kW diesel generators each with up to 1,500 gallon belly tanks. Propose installation of two solar arrays up to 1,500 square feet total. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 10,000 square feet</li> <li>• Permanent disturbance area: Up to 8,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						



**TABLE 1. POTENTIAL PROJECT SITES LOCATED ON U. S. FOREST SERVICE-ADMINISTERED LAND**  
**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
JOP	Josephine Peak	34.28578142	-118.1538482	Angeles Forest Hwy/Josephine Peak Road	Clear Creek/above La Cañada Flintridge	91011
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of two (2) up to 85kW diesel generators each with up to 1,500 gallon belly tanks. Propose installation of two solar arrays up to 1500 square feet total. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 10,000 square feet</li> <li>• Permanent disturbance area: Up to 8,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						
JPK	Johnstone Peak – 1	34.16031751	-117.7988394	Angeles National Forest	San Dimas	91741
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						

**TABLE 1. POTENTIAL PROJECT SITES LOCATED ON U. S. FOREST SERVICE-ADMINISTERED LAND  
Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
JPK2	Johnstone Peak – 2	34.16025334	-117.7996061	Sycamore Canyon Rd	San Dimas	91741
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						
LACFCP09	County CP 9	34.35268848	-118.4113383	21521 N Sand Canyon Rd	Santa Clarita	91350
<b>Project Description</b> Propose installation of up to 20 whip and up to 5 microwave antennas on new monopole up to 70 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 3,000 square feet</li> <li>• Excavation: Up to 150 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 48 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 8 foot diameter x 36 foot deep drilled caisson with concrete cap for monopole support; or up to 16 foot x 16 foot x 10 foot deep concrete mat foundation</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						

**TABLE 1. POTENTIAL PROJECT SITES LOCATED ON U. S. FOREST SERVICE-ADMINISTERED LAND**  
**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
LACFCP11	County CP 11	34.43799928	-118.2883091	8800 W Soledad Canyon Rd	Santa Clarita	91350
<b>Project Description</b> Propose installation of up to 20 whip and up to 5 microwave antennas on new monopole up to 70 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Proposed construction of up to 200 foot long x 4 foot high retaining wall. Propose installation of up to 300 foot overhead electrical telecommunications lines to existing utility pole. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 3,000 square feet</li> <li>• Excavation: Up to 150 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 48 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 8 foot diameter x 36 foot deep drilled caisson with concrete cap for monopole support; or up to 16 foot x 16 foot x 10 foot deep concrete mat foundation</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						
LBR	Lower Blue Ridge	34.37472694	-117.7060662	Angeles National Forest, East Blue Ridge Road	Wrightwood	92397
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						

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**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
LPC	Loop Canyon	34.35294991	-118.4169185	Angeles National Forest – off Forest Route 3N17	Santa Clarita	91350
<b>Project Description</b> Propose installation of up to 20 whip and up to 5 microwave antennas on new monopole up to 70 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 3,000 square feet</li> <li>• Excavation: Up to 150 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 48 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 8 foot diameter x 36 foot deep drilled caisson with concrete cap for monopole support; or up to 16 foot x 16 foot x 10 foot deep concrete mat foundation</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						
MAM	Magic Mountain	34.38619168	-118.3292291	Santa Clarita Divide Rd	Santa Clarita	91355
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of utility pole and overhead electrical line from existing utility pole to proposed new utility pole. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						



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Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
MDI	Mount Disappointment	34.24657906	-118.104745	Angeles National Forest Mount Disappointment Rd	above La Cañada Flintridge	91011
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						
MML	Magic Mountain Link	34.38619168	-118.3292291	Santa Clarita Divide Rd	Above Santa Clarita	91387
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						

**TABLE 1. POTENTIAL PROJECT SITES LOCATED ON U. S. FOREST SERVICE-ADMINISTERED LAND**  
**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
MTL	Mount Lukens	34.26908669	-118.2385826	5150 Mount Lukens Truck Trail	Los Angeles	91011
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						
MTL2	Mount Lukens-2	34.26906754	-118.2382294	5150 Mount Lukens Truck Trail	Los Angeles	91011
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						

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**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
PMT	Pine Mountain	34.22344429	-117.9020502	Hwy 39 to 2N24	above Azusa	91702
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of two (2) up to 85kW diesel generators each with up to 1,500 gallon belly tanks. Propose installation of two solar arrays up to 1500 square feet total. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 10,000 square feet</li> <li>• Permanent disturbance area: Up to 8,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						
PRG	Portal Ridge	34.67507031	-118.4131743	Angeles National Forest	Lake Hughes	93532
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of overhead electrical line from utility pole with existing transformer area. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include: <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						

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**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
SUN	Sunset Ridge	34.18808357	-117.7049017	Angeles National Forest	Above Claremont	91711
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include:               <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						
SUN2	Sunset Ridge-2	34.18803627	-117.704741	Angeles National Forest	Above Claremont	91711
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include:               <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						



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**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
TMT	Table Mountain	34.38282147	-117.684936	Hwy 2/Forest Service Rd 4N21	Wrightwood	92397
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include:               <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						
WMP	Whitaker Middle Peak	34.56923727	-118.7406608	Whitaker Fire Rd; Angeles National Forest	Castaic Lake	91384
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include:               <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						

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**Los Angeles Regional Interoperable Communications System, Land Mobile Radio Project**

SITE ID	SITE NAME	LATITUDE	LONGITUDE	STREET ADDRESS	CITY	ZIP CODE
WTR	Whittaker Ridge	34.58400034	-118.721876	Whitaker Fire Rd; Angeles National Forest	Castaic Lake	91384
<b>Project Description</b> Propose installation of up to 40 whip and up to 9 microwave antennas on new lattice tower up to 180 feet tall, with additional up to 15 foot lightning rod. Tower obstruction lighting (if required) may include red or white LED lamps, steady and/or flashing. Proposed indoor equipment racks to be located in existing equipment shelter or construct new up to 600 square foot shelter (prefabricated or concrete masonry unit) with exterior security lighting. Propose installation of an up to 85kW diesel generator with an up to 1,500 gallon belly tank. Propose installation of up to 800 feet of chain-link fence up to 12 feet high. <ul style="list-style-type: none"> <li>• Temporary disturbance area (includes staging): Up to 5,000 square feet</li> <li>• Permanent disturbance area: Up to 4,000 square feet</li> <li>• Excavation: Up to 600 cubic yards removed</li> <li>• Proposed trenching for underground conduits to accommodate power, grounding rings and/or fiber not to exceed 800 linear feet length, up to 36 inches below grade, up to 24 inches wide.</li> <li>• Proposed foundations include:               <ul style="list-style-type: none"> <li>o Up to 50 foot x 50 foot x 5 foot concrete slab with up to 10 foot deep x 3 foot diameter concrete piers for tower foundation; or pier foundation consisting of up to 6 foot diameter x up to 70 foot deep concrete piers under each leg</li> <li>o Up to 600 square feet x 18 inch concrete slab, or raised foundation for equipment shelter</li> <li>o Up to 200 square feet x 18 inch concrete slab for generator</li> </ul> </li> <li>• Demolition of existing pavement and/or structures</li> </ul>						



**FEMA**

September 3, 2015

Mr. Daniel Lovato  
Forest Supervisor  
U.S. Department of Agriculture  
United States Forest Service  
Angeles National Forest  
701 N. Santa Anita Ave.  
Arcadia, CA 91006-7725

**Re: Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project  
HSGP 2010-SS-T0-0085 (17651)  
Subrecipient: City of Los Angeles**

Dear Mr. Lovato,

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) is proposing to fund the installation of emergency communications facilities in Southern California, at sites located primarily in the County of Los Angeles, California (Proposed Action). Funding assistance will be provided by FEMA's Homeland Security Grant Program (HSGP), awarded to the California Governor's Office of Emergency Services (Cal OES) (Recipient), and passed through to the Los Angeles-Long Beach Urban Area (sub-recipient), of which the City of Los Angeles serves as the fiscal agent. The Proposed Action is referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), and will be completed by the LA-RICS Joint Powers Authority (Authority). The Homeland Security Act of 2002 authorizes the Department of Homeland Security to provide funding to states, territories, urban areas, and other local and tribal governments to prevent, protect against, mitigate, respond to, and recover from potential terrorist attacks and other hazards.

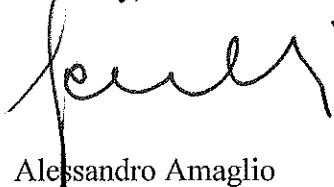
As stated in our letter dated April 1, 2015 to your Agency, some of the proposed installations are planned in areas within your land of jurisdiction and control. FEMA, like most of the federal agencies, has its own implementing regulations related to environmental laws. In order to streamline the process and avoid duplication, FEMA is seeking to reach an agreement with your Agency in terms of process and lead agency status while respectful of your own agency's requirements. Your agency may have specific implementing regulations for the National Environmental Policy Act (NEPA) and other laws, as well as, agreements and other programmatic tools in place which could streamline the approval process for these proposed actions within the boundaries of your land.

September 3, 2015

Page 2

With this letter we are requesting information regarding your agency's processes and requirements. We would like to propose a conference call at your earliest convenience to discuss this matter in the interest of expediting the required environmental review for this critical project. Please contact Jill S. Dale, Sr. Environmental Protection Specialist at (510) 627-7728 or at [jill.dale@fema.dhs.gov](mailto:jill.dale@fema.dhs.gov) to identify an appropriate time to discuss the project needs. We look forward to hearing from you in the near future.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alessandro'.

Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

cc: Ursula Harelson, Cal OES  
Alisa Finsten, City of Los Angeles  
Pat Mallon, LA-RICS Authority





**FEMA**

September 3, 2015

Mr. Jeffrey Vail  
Forest Supervisor  
U.S. Department of Agriculture  
United States Forest Service  
Angeles National Forest  
701 N. Santa Anita Ave.  
Arcadia, CA 91006-7725

**Re: Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project  
HSGP 2010-SS-T0-0085 (17651)  
Subrecipient: City of Los Angeles**

Dear Mr. Vail,

The U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) is proposing to fund the installation of emergency communications facilities in Southern California, at sites located primarily in the County of Los Angeles, California (Proposed Action). Funding assistance will be provided by FEMA's Homeland Security Grant Program (HSGP), awarded to the California Governor's Office of Emergency Services (Cal OES) (Recipient), and passed through to the Los Angeles-Long Beach Urban Area (sub-recipient), of which the City of Los Angeles serves as the fiscal agent. The Proposed Action is referred to as the Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project (or simply the LMR project), and will be completed by the LA-RICS Joint Powers Authority (Authority). The Homeland Security Act of 2002 authorizes the Department of Homeland Security to provide funding to states, territories, urban areas, and other local and tribal governments to prevent, protect against, mitigate, respond to, and recover from potential terrorist attacks and other hazards.

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September 3, 2015

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Sincerely,

A handwritten signature in black ink, appearing to read 'Alessandro', with a stylized flourish at the end.

Alessandro Amaglio  
Environmental Officer  
FEMA Region IX

cc: Ursula Harelson, Cal OES  
Alisa Finsten, City of Los Angeles  
Pat Mallon, LA-RICS Authority



**File Code:** 1920  
**Date:** January 21, 2016

Mr. Alessandro Amaglio  
Environmental Officer  
U.S. Department of Homeland Security  
FEMA Region IX  
1111 Broadway, Suite 1200  
Oakland, CA 94607-4052

**Subject:** Los Angeles Regional Interoperable Communications System (LA-RICS), Land Mobile Radio (LMR) Project, FEMA HSGP 2010-SS-T0-0085 (17651)

Dear Mr. Amaglio:

I am in receipt of your letters dated April 1 and September 3, 2015 regarding the subject project. Forest Service staff have had communication with your staff and the proponent, LA-RICS. The Forest Service fully supports FEMA in assessing this important public safety project, and will fully participate and engage with FEMA in the environmental compliance process for the proposed communication facilities located on NFS lands.

It is my understanding that FEMA is the lead federal agency for a programmatic Environmental Assessment (EA) of the project, pursuant to the National Environmental Policy Act (NEPA). FEMA's action is awarding and administering a federal grant for the project. Of approximately 90 total sites, there are 15 proposed locations on National Forest System (NFS) lands which would require a special use authorization for the facilities.

As an agency with jurisdiction and approval authority over a portion of the project, I would propose that Forest Service staff work closely with FEMA to incorporate our requirements into the EA to the greatest extent feasible. At a minimum, I would expect an opportunity for Forest Service staff to review and comment on official documents, and share relevant environmental data and information on our resources and processes. I hope to avoid duplicating FEMA's efforts, and help maximize efficiency for both our agencies. Forest Service input and involvement will be confined only to sites on NFS lands, not the entire project.

I would like to make you aware of two requirements for issuing authorizations for the sites on NFS lands. First, a proposal must meet screening requirements defined in Forest Service regulations (36 CFR 251.54 (e)), before NEPA becomes applicable. These regulations require consistency with the Angeles National Forest Land Management Plan (LMP). Based on preliminary information the proposal may not meet LMP Standards for the height of new communication towers or for scenic integrity objectives. I have the authority to issue a project specific amendment to waive these requirements, but only if it is demonstrated that these standards cannot feasibly be met. Screening criteria also require that there be no interference with administrative operations. To do this, LA-RICS must demonstrate their ability to maintain



the existing Forest Service radio system. If a proposal passes screening requirements, cost recovery fees would be assessed to LA-RICS to cover Forest Service costs of processing their application, including support for FEMA's EA (36 CFR 251.58).

Second are Forest Service NEPA procedures. The Forest Service is required to perform scoping to interested and affected parties for all projects. FEMA's or LA-RICS' public outreach work to date may help us meet this requirement. If LA-RICS' proposal is accepted, I will make a decision on the appropriate level of NEPA for our permitting actions, taking into account information in FEMA's EA. Unless I determine that the project may be categorically excluded, my decision would be subject to a pre-decisional administrative review (36 CFR 218). This process would require publication of legal notices in designated newspapers, a minimum 45 day period for filing objections and up to 120 days if objections are received and reviewed by our Regional Office. These requirements would apply only to sites on NFS lands, and only at the time the Forest Service issues a proposed decision.

Forest Service regulations (36 CFR 220) further specify that an EA should be prepared when the need for an EIS has not been determined. At this time I support an EA as the appropriate level of analysis. I will be assessing the potential for significant impacts throughout the process, and will notify FEMA promptly of any concerns for potentially significant impacts on NFS lands.

I have been informed that you have designated Jill Dale, Senior Environmental Specialist, as your point of contact for the Forest Service. The Forest Service point of contact will be Lorraine Gerchas, 626-574-5281, [lmgerchas@fs.fed.us](mailto:lmgerchas@fs.fed.us), please contact Lorraine for any further questions or communication.

Sincerely,

A handwritten signature in blue ink, appearing to read 'JEFFREY VAIL', is written over a rectangular box. To the right of the box is a large, stylized blue checkmark.

JEFFREY VAIL  
Forest Supervisor

cc: Justin Duke, Cal OES, Alisa Finsten, City of Los Angeles, Nancy Yang, LA-RICS Authority, Jim Hoyt, LA-RICS Authority