Southern California Edison
Lakeview A.10-09-016

DATA REQUEST SET Lakeview ED-06

To: ENERGY DIVISION
Prepared by: Tommy Savage
Title: Planner
Dated: 05/08/2012

Question Q.01a:

1) Southern California Edison (SCE) identified a newly-proposed component of the Lakeview Substation Project (the "Project") in its March 5, 2012, comments on the Draft EIR, which had been issued for agency and public review on January 5, 2012. The comment table provided with SCE's letter describes the newly-proposed work in various locations. However, additional specifics are required in order to evaluate potential environmental effects. Please provide the following specific information:

a. The directions, distances, and proposed route(s) beneath the flood channel;

Response to Question Q.01a:

The flood channel runs north/south between Kitching St. and Alessandro Substation. The directional bore under the channel would take place approximately 300 feet south of John F. Kennedy Dr. in an east/west direction from Kitching St. to Alessandro Substation for approximately 200 feet.

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DATA REQUEST SET Lakeview ED-06

To: ENERGY DIVISION
Prepared by: Nicole Di Jerlando
Title: Environmental Coordinator
Dated: 05/08/2012

Question Q.01b:

1) Southern California Edison (SCE) identified a newly-proposed component of the Lakeview Substation Project (the "Project") in its March 5, 2012, comments on the Draft EIR, which had been issued for agency and public review on January 5, 2012. The comment table provided with SCE's letter describes the newly-proposed work in various locations. However, additional specifics are required in order to evaluate potential environmental effects. Please provide the following specific information:

b. The distances to the closest sensitive receptors;

Response to Question Q.01b:

SCE's comments to the DEIR included several references to the distances of the nearest sensitive receptors related to the telecommunications work at Alessandro Substation:

Comment 309: ~~The overhead portion of Fiber-Optic Cable Route 3 would be within approximately 500 feet of at least one residence along Alessandro Boulevard, approximately 50 to 100 feet of 28 residences along Broadiaea Avenue, and approximately 150 feet and 200 feet from a residential trailer park and a horse ranch along Davis Road, respectively. In addition, the overhead portion of Fiber-Optic Cable Route 3 would be constructed either on or immediately adjacent to Lake Perris State Recreation Area from the Moreno Valley City limit to the existing Bunker Nelson fiber-optic cable line.~~""<u>The fiber-optic cable installation at Alessandro Substation would be within approximately 150 feet of the backyards of at least three residences along Rencher Court, approximately 160 feet of the backyards of at least two residences along Josephine Court, within approximately 25 feet of four backyards residences along Kitching Street, and within approximately 840 feet of the Armada Elementary school to the west."</u>

Comment 316: ~~The majority of F~~f<u>f</u>iber-~~O~~<u>o</u>ptic ~~C~~<u>c</u>able~~Route 3~~ <u>installation within and adjacent to Alessandro Substation</u>, ~~including the underground cable and most of the overhead cable,~~ would be constructed within the City of Moreno Valley. As stated in Table 4.13-3, the City of Moreno Valley has adopted municipal code maximum continuous sound level limits, including 90 dBA for sounds that occur continuously for 8 hours. Construction activities related to installation of the underground fiber-optic cable within ~~the east side of Moreno Beach Drive~~<u>Kitching Street</u> would be the closest activities to occur near existing sensitive receptors. Underground

construction activities along ~~Moreno Beach Drive~~ Kitching Street would occur approximately ~~50~~ 25 feet from the construction, operation, and maintenance of rear yards of residences ~~along Swaps Street~~fronting San Lupe Avenue.

Heavy construction equipment that would be required for underground fiber-optic cable installation would include one backhoe and one concrete mixer. In addition to this equipment, fiber –optic cable installation in Kitching Street would require removal of pavement, which would require the use of a mounted, or handheld, jackhammer. Backhoes and concrete mixers can be expected to generate maximum sound levels of approximately 80 dBA and 85 dBA, respectively (FTA, 2006). Pavement breaking can generate noise levels of up to 90 dBA. In the unlikely event that two pieces of equipment ~~a backhoe and concrete mixer~~ would operate at one location continuously for 8 hours, the maximum combined continuous sound level at ~~50~~ 25 feet would be approximately ~~86~~ 92 dBA, which would ~~not~~ exceed the City's maximum continuous sound level limits. However, construction activities such as trenching and paving are linear and allow for equipment movement within an 8-hr period. Therefore, it is unlikely that Project construction activities would result in noise levels that would exceed City of Moreno Valley maximum continuous sound level limits; therefore, no impact related to a violation of the City of Moreno Valley's maximum noise level limits would occur (No Impact).

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Question Q.01c:

1) Southern California Edison (SCE) identified a newly-proposed component of the Lakeview Substation Project (the "Project") in its March 5, 2012, comments on the Draft EIR, which had been issued for agency and public review on January 5, 2012. The comment table provided with SCE's letter describes the newly-proposed work in various locations. However, additional specifics are required in order to evaluate potential environmental effects. Please provide the following specific information:

c. The location of the MEER, temporary work areas, pull and tension sites, and other features of the newly-proposed Alessandro Substation component of the Project.

Response to Question Q.01c:

The MEER is located in the northeast quadrant of the existing Alessandro Substation. Inside the substation in the northwest quadrant, there would be one previously disturbed temporary work area approximately 500 feet x 200 feet for material and equipment laydown and staging. In the eastern half of the substation, there would be three previously disturbed temporary work areas approximately 150 feet x 100 feet for manhole installation and pull sites to route the new conduit and cable through the substation and into the MEER. Outside the substation, there would be five previously disturbed work areas approximately 150 feet x 100 feet located on Kitching St. and John F. Kennedy Dr. Also, with the installation of the new fiber optic cables, some existing fiber optic cables will become idle and need to be removed from existing vaults and poles along Kitching St and John F. Kennedy Dr and into Alessandro Substation for approximately 2,000 feet.

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To: ENERGY DIVISION
Prepared by: Nicole Di Jerlando
Title: Environmental Coordinator
Dated: 05/08/2012

Question Q.01d:

1) Southern California Edison (SCE) identified a newly-proposed component of the Lakeview Substation Project (the "Project") in its March 5, 2012, comments on the Draft EIR, which had been issued for agency and public review on January 5, 2012. The comment table provided with SCE's letter describes the newly-proposed work in various locations. However, additional specifics are required in order to evaluate potential environmental effects. Please provide the following specific information:

d. A figure and the underlying GIS data to adequately evaluate work associated with the new component in the context of the Project analyzed in the Draft EIR .

Response to Question Q.01d:

Attached is a figure and GIS data that depicts the telecommunications work that would occur at Alessandro Substation as described in SCE's comments to the DEIR.

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To: ENERGY DIVISION
Prepared by: Tommy Savage
Title: Planner
Dated: 05/08/2012

Question Q.02a:

2) To determine the extent of ground disturbance the following information is required:

a. Area required for temporary work areas;

Response to Question Q.02a:

Temporary work area for laydown and staging material and equipment would be approximately 500 feet x 200 feet.

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Question Q.02b:

2) To determine the extent of ground disturbance the following information is required:

b. Area required for pull and tension sites;

Response to Question Q.02b:

~~Area for pull and tension/manhole installation sites would be approximately 150 feet x 100 feet.~~
As provided in SCE's comment #51 to the DEIR, the disturbance area associated with Telecommunications pull and tension sites is 150 feet x 100 feet.

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To: ENERGY DIVISION
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Question Q.02c:

2) To determine the extent of ground disturbance the following information is required:

c. Depth/width/length of trenching for conduit installation;

Response to Question Q.02c:

New trench would be approximately 18” wide x 36” deep x 2,000 feet long.

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Question Q.02d:

2) To determine the extent of ground disturbance the following information is required:

d. Dimension of bore pits associated with directional drilling as well as the depth/width/length of bore;

Response to Question Q.02d:

Bore pits would be approximately 2 feet wide x 8 feet long x 4 feet deep. The bore would be approximately 200 feet in length and 7 inches in diameter. The bore would be approximately 20 feet deep.

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Question Q.02e:

2) To determine the extent of ground disturbance the following information is required:

e. Volume of soils to be excavated, the volume to be used as fill, the volume to be hauled off site (and the location(s) of or reasonable distances to any such destinations)

Response to Question Q.02e:

96.3 cubic yards of soil for trenching outside the substation and bore pits would be excavated and hauled away to an authorized disposal facility within 30 miles of the site. This work would take approximately three trips per day for three days.

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Question Q.02f:

2) To determine the extent of ground disturbance the following information is required:

f. Volume of additional materials to be imported for use as fill (e.g., sand, gravel, etc.) and the location(s) of or reasonable distances from which said materials would be procured;

Response to Question Q.02f:

311 cubic yards of concrete slurry for backfilling manholes and trenches inside and outside Alessandro Substation would be delivered from a commercial supplier within 30 miles of the project area. This work would take approximately four trips per day for seven days.

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Question Q.02g:

2) To determine the extent of ground disturbance the following information is required:

g. Anticipated water usage;

Response to Question Q.02g:

As stated in SCE Comment #62 to the DEIR, "Approximately ~~32,000~~ 62,000 gallons per day would be necessary, and would be delivered to the site by water trucks eight times a day (SCE, 2011)." This updated water usage amount for the entire Project includes the telecommunications scope.

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Question Q.02h:

2) To determine the extent of ground disturbance the following information is required:

h. Construction equipment and workforce estimates, and workdays estimate.

Response to Question Q.02h:

The information provided in the DEIR, Table 2-9 Construction Equipment and Workforce Estimates, for Telecommunications Construction- Underground Facility Installation remains accurate.
2-Crew Trucks
1-Backhoe
1-Flatbed Truck
1-Stakebed Truck
1-Concrete Truck
6-People
20-Days

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Question Q.03:

3) Provide a narrative description of the activities associated with preparation of temporary work areas, pull and tension sites, trenching and directional boring including preparation, installation and site restoration.

Response to Question Q.03:

The temporary work area for material and equipment laydown and staging in the previously disturbed area of Alessandro Substation would not require any site preparation or restoration. Pull and tension sites within the previously disturbed area of Alessandro Substation and the adjacent Kitching St and John F. Kennedy Dr would not require any site preparation or restoration. Site preparation and restoration for trenching in Kitching St and John F. Kennedy Dr would be to saw-cut the required trench width and remove asphalt, excavate to necessary depth to install conduit, backfill and repave street to City standards. Site preparation and restoration for trenching and manhole installation within Alessandro Substation would be to excavate to necessary depth to install conduit and manholes, backfill and restore surface to previous condition. Site preparation and restoration for the bore pits in the existing Kitching St would be to saw-cut required area and remove asphalt, excavate to necessary depth for drilling, and then backfill and repave street to City Standards. For the bore pits within Alessandro Substation or adjacent bare landscape area, excavate necessary depth for drilling, backfill and restore surface to previous condition.

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Question Q.04:

4) Clarify what of the proposed work would occur within the fence line the Alessandro Substation, what work would occur just outside the fence line, and what work would occur elsewhere.

Response to Question Q.04:

SCE's comment #35 to the DEIR provides a complete description of the proposed work that would occur within the fence line at Alessandro Substation and work that would occur outside of the fence line; however in summary, approximately 1,400 feet of trenching and three manholes would be installed inside the Alessandro Substation fence line and approximately 500 feet of trenching would occur outside the substation fence line.

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Question Q.05:

5) Confirm whether any new fiber-optic cables route are proposed between the proposed Lakeview Substation and the existing Alessandro Substation, or any other substations.

Response to Question Q.05:

No new fiber optic cables between the proposed Lakeview Substation and Alessandro Substation or any other Substations are proposed. Please note that fiber optic cable routes 1 & 2 from the proposed Lakeview Substation to the existing Bunker-Nelson fiber optic cable as described in the PEA and DEIR are still required.

Lakeview Substation Project
Alessandro Substation

Project Components

- Alessandro Sub MEER Building
- Temporary Work Area
- Existing Trench
- New Conduit
- Removal
- Storm Drain

Casa Loma Dr
La Brisis Way
Vanessa Ct
Rembrandt Dr
Van Gogh Ave
Alba Way
Renoir Ave
El Greco Dr
Ely Dr
John F Kennedy Dr
Magellan Dr
Edelweiss Pl
Stoneybrook Dr
Kitching St
San Lupe Ave
Calle Renfro
Estrellas Ln
Alessandro Substation
Alessandro Sub MEER Building
Temporary Work Area

0 200 400 Feet

N

Source:
NIAP, 2009; NavTeq, SCE, AECOM 2012

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Lakeview Substation Project
Alessandro Substation

Project Components

- Alessandro Sub MEER Building
- Temporary Work Area
- Existing Trench
- New Conduit
- Removal
- Storm Drain

Casa Loma Dr
La Brisis Way
Vanessa Ct
Rembrandt Dr
Van Gogh Ave
Alba Way
Renoir Ave
El Greco Dr
Ely Dr
John F Kennedy Dr
Magellan Dr
Edelweiss Pl
Stoneybrook Dr
Kitching St
San Lupe Ave
Calle Renfro
Estrellas Ln
Alessandro Substation
Alessandro Sub MEER Building
Temporary Work Area

0 200 400 Feet

N

Source:
NIAP, 2009; NavTeq, SCE, AECOM 2012

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