

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: MAY 19, 2009

FROM: PUBLIC UTILITIES DEPARTMENT ITEM NO:

WARDS: 1, 2, 4 and 5

SUBJECT: CEQA DOCUMENT FOR AN ELECTRICAL SUBTRANSMISSION PROJECT WITHIN THE CITY OF RIVERSIDE – INITIAL STUDY AND MITIGATED NEGATIVE DECLARATION

ISSUE:

The City of Riverside Public Utilities Department (RPU) has prepared an Initial Study and Mitigated Negative Declaration for an Electrical Subtransmission Project (Project) generally located south of the intersection of State Route (SR)-91 and SR-60/Interstate(I)-215 Interchange in the northeastern portion of the City of Riverside. This matter is now ready for consideration by the City Council.

RECOMMENDATIONS:

That the City Council:

1. Determine that the proposed Project will have a less than significant effect on the environment based upon the findings and mitigation measures set forth in the case record, and adopt the Mitigated Negative Declaration and Mitigation Reporting Plan; and
2. Approve the Electrical Subtransmission Project.

BACKGROUND:

RPU's mission is to provide a safe and reliable energy supply to its customers and the citizens of Riverside. The City's electrical peak demand has grown by 40% since the last major addition to the RPU electrical subtransmission system in 1996. The electrical subtransmission system has to be upgraded on an as needed basis to keep pace with electrical demand of the system. During peak load periods (peak demand), the system is subject to and can experience severe overloads and low-voltage conditions if certain components are not reinforced.

In the long-term, many of RPU's overall transmission reliability concerns will substantially be resolved by the proposed Riverside Transmission Reliability Project (RTRP) and the Riverside Energy Resource Center 3 & 4 (RERC 3&4). The RTRP will provide a much-needed second transmission interconnection with Southern California Edison (SCE) and the California Independent System Operator (CAISO) power grid and an associated increase in capacity. The RTRP will also include work on the 69,000-volt (69 kilovolt, or 69 kV) subtransmission lines directly connected to the proposed interconnection. These lines are needed to distribute power from the RTRP

interconnection through the RPU system.

In the short-term, however, RPU must resolve critical infrastructure and capacity deficiencies in the eastern part of its 69 kV subtransmission network in order to maintain reliable electric service. Initially, RPU had planned to address the required line reinforcements as part of the RTRP. However, given that the need to address these deficiencies is independent of the RTRP, RPU proposes, through this Project, to construct and upgrade the eastern portion of the 69 kV system now.

The proposed Project will support service to approximately 30,000 customers and primarily involves construction of two segments of an overhead double-circuit 69 kV subtransmission line, totaling approximately 3.6 miles, all within the City limits. The first segment will begin at the Riverside Substation (9th and Vine Streets), extending east, via 10th, Victoria, 11th, Sedgwick, and 12th before crossing the University of California – Riverside (UCR) west campus and terminating at the existing 69 kV subtransmission lines on UCR property, near University Substation. The second segment begins just northwest of University Substation, traveling along the west side of the I-215 to just south of El Cerrito Drive. The Project also includes minor improvements within various substations on the RPU system including work at the Hunter Substation located at 1731 Marlboro; the Orangecrest Substation located at 7850 Trautwein; and the Freeman Substation located at 3301 Gibson.

RPU hired POWER Engineers, Inc. (POWER) to prepare an Initial Study and Mitigated Negative Declaration (MND) under the California Environmental Quality Act (CEQA). On February 25, 2009, the MND became available and notices were sent out as required. The review period ended on March 30, 2009, and the comments have been addressed below.

Comments and Responses

- **Letter from the State of California Governor's Office of Planning and Research, State Clearinghouse and Planning Unit (March 20, 2009)**

Comment:

1. The State Clearinghouse submitted the above named MND to selected state agencies for review. The review period closed on March 19, 2009, and no state agencies submitted comments by that date. This letter acknowledges that RPU has complied with the State Clearinghouse review requirements for draft environmental documents, pursuant to the CEQA.

Response:

No response required.

- **Letter from Department of Toxic Substances Control (DTSC) (March 16, 2009)**

Comments:

1. The MND should identify and determine whether current or historic uses at the project area may have resulted in any release of hazardous waste/substances.

2. The MND would identify any known or potentially contaminated sites within the proposed project area. For the identified sites, the MND should evaluate whether conditions at the site may pose a threat to human health or the environment.

Response:

EnviroStor (an environmental hazards database primarily used by the DTSC) and FirstSearch (an environmental hazards search report) were consulted to determine if any hazardous sites are within the proposed project area and whether they are a threat to human health or the environment. There were none, as stated in the MND.

Comment:

3. The MND should identify the mechanism to initiate investigation and/or remediation for any site or excavated soils that may be contaminated, and the government agency to provide appropriate regulatory oversight.

Reponse:

The MND's mitigation measure HAZ-1 addresses these concerns: RPU's Hazardous Substance Control and Emergency Response Plan shall include provisions that would be implemented if any subsurface hazardous materials are encountered during construction. Provisions outlined in the Plan shall include immediately stopping work in the contaminated area and contacting appropriate resource agencies, upon discovery of subsurface hazardous materials. The Plan shall include the phone numbers of federal, state and local agencies and primary, secondary, and final cleanup procedures. The Hazardous Substance Control and Emergency Response Plan shall be approved by RPU prior to the commencement of construction activities.

- **Letter from University of California, Riverside / Timothy Ralston, Associate Vice Chancellor, Capital & Physical Planning (March 30, 2009)**

Comments:

1. UCR is concerned that the proposed route is incompatible with their future development plans for the west campus.
2. UCR's future development plans call for undergrounding of utilities.
3. RPU will need to update their present license agreement for easements and access on campus.
4. UCR recommends alternative underground alignments through the west campus and proposes collaboration with RPU towards a mutually agreeable solution.

Response:

The proposed routes have two primary paths. The first path is along the existing distribution route that traverses the west campus from the corner of Chicago and 12th to a point near University Substation. The incremental impact of this segment is the added facilities above the existing facilities that may have to be moved in the future.

The second path is along the I-215. In general, the proposed transmission lines are compatible given that the lines will parallel the freeway. However should UCR find it necessary to have the lines undergrounded, the lines could be rerouted in the future.

The proposed project will eliminate a portion of the existing 69 kV line through UCR so the impact of additional facilities will somewhat be mitigated. Should the negotiation of access to UCR property result in a variation of the path an amendment to the MND will be made. As part of the design process RPU agrees it will update their license agreements as needed through the campus property. The proposed underground alternatives identified by UCR are nonstandard and generally 4 to 8 times more expensive than overhead construction. The negotiation for access to the proposed lines will address the incompatibility concerns. The critical need for the Project requires that it proceed knowing that future UCR projects may cause the routes to be altered.

- **Letter and email from resident August Kraemer, 725 N. University Drive (March 4 and March 17, 2009, respectively)**

Comment:

1. I am in opposition to this proposed route because there will be a 75' metal tower in front of my home and blocking the one remaining positive aspect of my location. I have a nice view of the small hills on the south side of UCR.

Response:

There will not be any metal tower in front of the commentor's home. There are existing electrical distribution poles along Sycamore Canyon Boulevard that will be replaced by the proposed project. The new transmission structures will be 65-80 feet high and will be primarily wood, but steel poles would be used where long spans are required and where directional changes in the line are necessary. While the final engineering is not complete and structure locations are preliminary, the closest potential pole location to the commentor would be over 100' from the property at 725 N. University and that location is currently identified as a wood pole. The hills on the south side of UCR's east campus are not identified by the City or County of Riverside as a protected scenic resource or as a scenic vista. While the project will be visible from many parts of the University Knolls neighborhood, the mature trees and landscapes in the neighborhood provide partial or full screening, and the proposed project would not dominate the existing character of the neighborhood, the I-215 or the terrain to the east of the freeway.

Comment:

2. The only neighbors in University Knolls that know about this project are those that I have talked with. The home owners in the area east of El Cerrito Drive said they have not heard about this proposal either.

Response:

Pursuant to CEQA, Guideline section 15072 sets forth the requirements for providing public Notice of Intent to Adopt a Mitigated Negative Declaration. Section 15072b requires that the lead agency provide said notice by at least one of the following

procedures: (1) Publication at least one time in a newspaper of general circulation in the area affected by the project; (2) Posting of notice on and off site in the area where the project is to be located; or (3) Direct mailing to the owners and occupants of property contiguous to the project as shown on the latest equalized assessment roll.

RPU performed two of the notice procedures. The Notice of Intent to Adopt the MND was published in the Press Enterprise newspaper on February 26, 2009. Direct mailing was made to owners and occupants of the contiguous property, as well as properties within a 50 foot buffer of the Project (247 residences). This includes residents in University Knolls, the Canyon Crest neighborhood (Van Daele) and the neighborhood east of El Cerrito Drive on Trojan Court.

Further, in connection with the Notice of Public Hearing, 625 residences within 300 feet of the Project were notified. Additionally, the Public Hearing was published in the Press Enterprise newspaper on May 8, 2009.

- **Letters from resident Ruben Rasso, 5100 Humbolt Court (March 28, 2009)**

Comment:

1. I am opposed to the subtransmission project because of the increased financial utility fees that will be imposed on the neighborhood residents.

Response:

This project will not require an increase in electric rates. In December 2007, the City Council recognized the need for reliability-based improvements to Riverside's electric system by approving a rate plan, as a result of public hearings and meetings. The plan consisted of a reliability charge, and rate increases in 2008, 2009 and 2010. The plan finances not only this Project, but other needed system improvements. Without the improvements, the City's electric system would not meet the needs of the City.

Comment:

2. I am opposed to the subtransmission project because it will diminish the value of my real property.

Response:

The initial study and MND prepared for this Project found that the Project will not have any significant environmental impacts to the neighboring properties. Specifically, this Project is located in a highly urbanized area with existing electrical lines, poles and facilities. Many of the aspects of the Project are replacing and/or re-routing those existing lines.

Comment:

3. I am opposed to the subtransmission project because of possible health risks that other communities have experienced.

Response:

The comment may be referring to electric and magnetic fields (EMF) associated with the Project. There have been numerous scientific studies about the potential health effects of EMF. However, after many years of research, the scientific community has not tied exposures to EMF to health hazards. At its nearest point, the Project is over 600 feet north of the commentor's residence.

- **Letter from resident Carmen Underwood, 5015 Westmont Street (March 30, 2009)**

Comment:

1. If the project will have a negative impact on the neighborhood, value of home prices, etc., it will be greatly appreciated if you could achieve your end result by opting for underground lines.

Response:

The initial study and MND prepared for this Project found that the Project will not have any significant environmental impacts to the neighboring properties. Specifically, this Project is located in a highly urbanized area with existing electrical lines, poles and facilities. Many of the aspects of the Project are replacing and/or re-routing those existing lines.

- **Letter from residents James & Marian McNall, 770 N. University Drive (March 28, 2009)**

Comment:

1. We are concerned that the project will destroy the historical area of University Knolls.

Response:

There were no national, state or local designations of historical neighborhoods or residences within the University Knolls area. The project will be located within City right-of-way that separates the University Knolls neighborhood and the I-215. The general area is characterized by diverse agricultural and urban development with mature landscape vegetation and existing electrical lines. Section 3.5a of the Cultural Resources analysis of the MND discusses the thorough research and surveys that document the historical resources along the project route. As discussed in the MND, no historical resources or neighborhoods will be impacted by the Project.

- **Letter from public Brenda Tomaras, 10755-F Scripps Poway Parkway #281, San Diego, CA (March 9, 2009)**

Comment:

1. Ms. Tomaras would like more information on the project and to know if the Project is part of the RTRP.

Response:

More information and the Proposed Mitigated Negative Declaration can be obtained at the following Web Site: <http://www.riversideca.gov/utilities/elec-stp.asp>. With respect to the question about its relationship to RTRP, this Project is separate, distinct and independent from RTRP and is required whether or not RTRP is ever implemented.

- **Email from public Lori Ogata Keeler, 5018 Trojan Court (April 20, 2009)**

Comment:

1. Since the RPU power service rarely shuts down, the need for more power lines is not understood.

Response:

The STP Mitigated Negative Declaration and specifically Section 2.5 of the document elaborate on the purpose and need for the STP project. The City's electrical peak demand has grown by 40% since the last major addition to the RPU electrical subtransmission system in 1996, and thus the prior capacity reserve to handle outages has diminished. The Proposed Mitigated Negative Declaration may be obtained at the following Web Site: <http://www.riversideca.gov/utilities/elec-stp.asp>.

Comment:

2. Consider enclosing the towers in structures (e.g. concrete walls) which would protect homeowners from the EMF's and subsequent noise created by the project.

Response:

There have been numerous scientific studies about the potential health effects of EMF. However, after many years of research, the scientific community has not tied exposures to EMF to health hazards. Therefore, there is no need to impose any special type of construction to address EMF. Noise associated with the construction and operation of the Project was studied and was determined to be less than significant.

Comment:

3. The Project can afford to be postponed for at least five years in order for the economy to improve.

Response:

The imminent purpose and need of the STP is independent of the current state of the economy. Delaying the Project will not satisfy the current need for the Project.

Summary of Findings

Based on the attached Initial Study, MND, the documents referenced therein, and all evidence contained in the administrative record, and the mitigation measures imposed, the Project will not have a significant effect on the environment.

FISCAL IMPACT:

The total project cost is estimated at \$27,246,000 and is included in the Electric Utility's five-year CIP budget. Adopting a Mitigated Negative Declaration will not have a fiscal impact on the General Fund.

Prepared by: David H. Wright, Public Utilities General Manager
Certified as to availability
of funds: Paul C. Sundeen, Assistant City Manager/CFO/Treasurer
Approved by: Belinda J. Graham, Assistant City Manager
for Bradley J. Hudson, City Manager
Approved as to form: Gregory P. Priamos, City Attorney

Attachments:

1. Initial Study and Mitigated Negative Declaration
2. Mitigation Monitoring and Reporting Program
3. Comment letters



ARNOLD SCHWARZENEGGER
GOVERNOR

RECEIVED MAR 30 2009

STATE OF CALIFORNIA

GOVERNOR'S OFFICE of PLANNING AND RESEARCH

STATE CLEARINGHOUSE AND PLANNING UNIT



CYNTHIA BRYANT
DIRECTOR

March 20, 2009

Jorge Somoano
City of Riverside
3901 Orange Street
Riverside, CA 92501

Subject: Subtransmission Project (STP)
SCH#: 2009021070

Dear Jorge Somoano:

The State Clearinghouse submitted the above named Mitigated Negative Declaration to selected state agencies for review. The review period closed on March 19, 2009, and no state agencies submitted comments by that date. This letter acknowledges that you have complied with the State Clearinghouse review requirements for draft environmental documents, pursuant to the California Environmental Quality Act.

Please call the State Clearinghouse at (916) 445-0613 if you have any questions regarding the environmental review process. If you have a question about the above-named project, please refer to the ten-digit State Clearinghouse number when contacting this office.

Sincerely,

Terry Roberts
Director, State Clearinghouse



Linda S. Adams
Secretary for
Environmental Protection



Department of Toxic Substances Control

Maureen F. Gorsen, Director
5796 Corporate Avenue
Cypress, California 90630

RECEIVED MAR 16 2009



Arnold Schwarzenegger
Governor

March 12, 2009

Mr. Jorge Somoano
Riverside Public Utilities (RPU)
3901 Orange Street
Riverside, California 92501



DRAFT MITIGATED NEGATIVE DECLARATION (ND) FOR SUBTRANSMISSION
PROJECT (STP) (SCH# 2009021070)

Dear Mr. Somoano:

The Department of Toxic Substances Control (DTSC) has received your submitted document for the above-mentioned project. As stated in your document: "To address the contingency loading and voltage violations of the planning criteria, RPU is proposing the Subtransmission Project (STP). The STP as proposed will consist of two new double-circuit 69kV sections of subtransmission lines and upgrades to existing associated substations. The upgrades will add three circuit breakers at Riverside Substation and strengthen relaying at other substations. The net result will be the addition of one 69 kV subtransmission line and re-arrangement of others to enhance the subtransmission connection between the Riverside, La Colina, Springs and University Substations. The net addition of a new subtransmission line, re-arrangement of others and substation upgrades will re-enforce the eastern side of RPU's network. The first double-circuit 69 kV subtransmission line would be a new line from Riverside Substation to an existing double-circuit 69 kV subtransmission line immediately west of University Substation. The project will re-enforce the eastern side of RPU's network and resolve critical infrastructure and capacity deficiencies in RPU's 69 kV subtransmission network in order to maintain reliable electric service".

Based on the review of the submitted document DTSC has the following comments:

- 1) The ND should identify and determine whether current or historic uses at the project area may have resulted in any release of hazardous wastes/substances.
- 2) The document states that the ND would identify any known or potentially contaminated sites within the proposed project area. For all identified sites, the

ND should evaluate whether conditions at the site may pose a threat to human health or the environment. Following are the databases of some of the regulatory agencies:

- National Priorities List (NPL): A list maintained by the United States Environmental Protection Agency (U.S.EPA).
 - EnviroStor, a database primarily used by the California Department of Toxic Substances Control, at [www. Envirostor.dtsc.ca.gov](http://www.Envirostor.dtsc.ca.gov).
 - Resource Conservation and Recovery Information System (RCRIS): A database of RCRA facilities that is maintained by U.S. EPA.
 - Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS): A database of CERCLA sites that is maintained by U.S.EPA.
 - Solid Waste Information System (SWIS): A database provided by the California Integrated Waste Management Board which consists of both open as well as closed and inactive solid waste disposal facilities and transfer stations.
 - Leaking Underground Storage Tanks (LUST) / Spills, Leaks, Investigations and Cleanups (SLIC): A list that is maintained by Regional Water Quality Control Boards.
 - Local Counties and Cities maintain lists for hazardous substances cleanup sites and leaking underground storage tanks.
 - The United States Army Corps of Engineers, 911 Wilshire Boulevard, Los Angeles, California, 90017, (213) 452-3908, maintains a list of Formerly Used Defense Sites (FUDS).
- 3) The ND should identify the mechanism to initiate any required investigation and/or remediation for any site that may be contaminated, and the government agency to provide appropriate regulatory oversight. If hazardous materials or wastes were stored at the site, an environmental assessment should be conducted to determine if a release has occurred. If so, further studies should be carried out to delineate the nature and extent of the contamination, and the potential threat to public health and/or the environment should be evaluated. It

Mr. Jorge Somoano
March 12, 2009
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may be necessary to determine if an expedited response action is required to reduce existing or potential threats to public health or the environment. If no immediate threat exists, the final remedy should be implemented in compliance with state laws, regulations and policies.

- 4) The project construction may require soil excavation and soil filling in certain areas. Appropriate sampling is required prior to disposal of the excavated soil. If the soil is contaminated, properly dispose of it rather than placing it in another location. Land Disposal Restrictions (LDRs) may be applicable to these soils. Also, if the project proposes to import soil to backfill the areas excavated, proper sampling should be conducted to make sure that the imported soil is free of contamination.
- 5) Human health and the environment of sensitive receptors should be protected during the construction or demolition activities. A study of the site overseen by the appropriate government agency might have to be conducted to determine if there are, have been, or will be, any releases of hazardous materials that may pose a risk to human health or the environment.
- 6) If during construction/demolition of the project, soil and/or groundwater contamination is suspected, construction/demolition in the area should cease and appropriate health and safety procedures should be implemented. If it is determined that contaminated soil and/or groundwater exist, the ND should identify how any required investigation and/or remediation will be conducted, and the appropriate government agency to provide regulatory oversight.
- 7) If weed abatement occurred, onsite soils may contain herbicide residue. If so, proper investigation and remedial actions, if necessary, should be conducted at the site prior to construction of the project.
- 8) If it is determined that hazardous wastes are, or will be, generated by the proposed operations, the wastes must be managed in accordance with the California Hazardous Waste Control Law (California Health and Safety Code, Division 20, Chapter 6.5) and the Hazardous Waste Control Regulations (California Code of Regulations, Title 22, Division 4.5). If it is determined that hazardous wastes will be generated, the facility should also obtain a United States Environmental Protection Agency Identification Number by contacting (800) 618-6942. Certain hazardous waste treatment processes or hazardous materials, handling, storage or uses may require authorization from the local

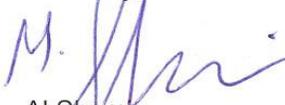
Mr. Jorge Somoano
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Certified Unified Program Agency (CUPA). Information about the requirement for authorization can be obtained by contacting your local CUPA.

- 9) DTSC can provide guidance for cleanup oversight through an Environmental Oversight Agreement (EOA) for government agencies that are not responsible parties, or a Voluntary Cleanup Agreement (VCA) for private parties. For additional information on the EOA or VCA, please see www.dtsc.ca.gov/SiteCleanup/Brownfields, or contact Ms. Maryam Tasnif-Abbasi, DTSC's Voluntary Cleanup Coordinator, at (714) 484-5489.

If you have any questions regarding this letter, please contact me at (714) 484-5472 or at "ashami@DTSC.ca.gov".

Sincerely,



Al Shami
Project Manager
Brownfields and Environmental Restoration Program - Cypress

cc: Governor's Office of Planning and Research
State Clearinghouse
P.O. Box 3044
Sacramento, California 95812-3044

Mr. Guenther W. Moskat, Chief
Planning and Environmental Analysis Section
CEQA Tracking Center
Department of Toxic Substances Control
P.O. Box 806
Sacramento, California 95812-0806

CEQA #2476



Academic Planning & Budget

900 University Avenue
Riverside CA 92521-0101

March 30, 2009

Jorge Somoano
Riverside Public Utilities
3901 Orange Street
Riverside, CA 92501

Re: Initial Study/Proposed Mitigated Negative Declaration, Subtransmission Project,
February 2009

Dear Mr. Somoano:

Per the subject above, the Riverside Public Utilities Subtransmission Project (SIP) will reinforce the eastern side of the electrical supply network in the City of Riverside and resolve critical infrastructure and capacity deficiencies. Improvements to the 69kV subtransmission system are needed to maintain reliable electric service in this area of the City which includes the University of California Riverside (UCR) main campus.

The University of California, Riverside has reviewed the Initial Study and has several concerns. The proposed improvements include a new 69kV subtransmission line that crosses the existing UCR West Campus currently used primarily for Agricultural, Teaching and Research Fields. The new line connects the University Substation located on the eastern boundary of the West Campus adjacent to the I-215/SR 60 freeway to the Riverside Substation. The line would also connect to a proposed substation planned adjacent to the future School of Medicine near the northwestern corner of the West Campus. The proposed alignment is along the Northwest Mall as identified in the 2005 UCR Long Range Development Plan (LRDP) and the 2008 Campus Aggregate Master Planning Study (CAMPS) which articulates build-out of the area of the West Campus north of Martin Luther King, Jr. Boulevard (MLK) between Chicago Avenue on the west and the I-215/SR 60 freeway on the east. The area is planned to accommodate academic land uses including instructional, research and support facilities, student recreation facilities including recreation fields and a recreation building, student housing including family apartments and/or townhouses, graduate student apartments and facilities for the proposed UCR School of Medicine which will include administration, teaching & research facilities, ambulatory care, support services and facilities including parking structures and apartments for the medical school community. Utility services and West Campus infrastructure requirements for all of the land uses, facilities, and locations on the West Campus are identified in the 2008 West Campus Infrastructure Development Study (WCIDS).

In addition to the proposed subtransmission line traversing east west across the West Campus, another subtransmission line is shown on the west side and adjacent to the I-215 freeway alignment from south to north through the Campus to the University Substation and northward. This proposed line also is adjacent to future Campus facilities planned on the west side of the freeway including two parking structures and a new Environmental Health & Safety building and corporation yard. The building and yard are located just south of the Canyon Crest underpass. All of these buildings are identified in the CAMPS

According to the information provided by Riverside Public Utilities (RPU) through the Initial Study, the 69kV subtransmission line would be constructed using wood or steel poles that are 65 to 80 feet tall, with a typical span length of 150 to 300 feet. Up to a 40 foot wide easement will be required for the subtransmission above ground installation.

The University has concerns with the proposed 69kV subtransmission line above ground project and disposition and location of the proposed lines and offers the following comments:

1. The WCIDS has identified the Northwest Mall as a utility corridor. Types and quantity of utility services placed along the mall alignment vary by location but are all proposed to be underground, not above ground as does the STP.
2. A future main Central Utility Plant is proposed to be located next to and west of the University Substation and infrastructure services will be distributed from this point to the academic area indicated in blue on the attached 2005 LRDP Land Use Map. Services include: electric, communication (voice/data), fire alarm, heating hot water and chilled water and are proposed to follow the Northwest Mall and be subbed out to the various facilities in the Academic Core. Domestic and irrigation water lines will also be located in this area and will also follow the Northwest Mall utility corridor. The STP could be co-located along with proposed underground utilities.
3. The future School of Medicine site includes an existing 40-acre parcel at the northeast corner of Chicago and MLK which will have a dedicated Central Utility Plant. This second West Campus Central Plant will be located in the Service Area north of the Northwest Mall and west of an extension to Cranford Avenue. Similar utility distribution lines as those mentioned for the University Sub Station will occur in this location.
4. Placing the 69kV subtransmission line above ground will clearly and negatively impact the visual quality to the adjacent Riverside multi-family and commercial community to the north of the Campus along University Avenue. In particular, it will impact the quality of life for the Campus community including the views of the Campus from the freeway, from within the Campus in the Graduate and Professional Academic Core and the School of Medicine. It will also diminish the Campus environment and quality of life as it would be in close proximity to proposed Family, Graduate and SOM student housing. The approximately 40 foot easement would also compromise and limit proposed Campus development.
5. The RPU will need to update the present license agreement that allowed the placement of the existing electrical line crossing the West Campus along the future Northwest Mall and will need to negotiate missing easements/licenses along the pathway as there is not a continuous license or easement for the entire length of the STP.

6. The disposition of the current north/south 69kV line that provides service to the University substation needs to be relocated to avoid conflicts with proposed facilities and Campus circulation for pedestrians, bicycles and vehicles

The University strongly recommends that the STP alignment consider another route for the STP across the West Campus from the University Substation along the Gage Canal south to MLK and then along the north side of MLK to Chicago or the west side of the extension of Cranford to MLK. Important in this relocation would be the placement of the lines underground to be coordinated with Campus infrastructure plans. This undergrounding and relocation will ensure the new School of Medicine, new professional and graduate teaching and research facilities and student housing will retain the open view sheds to the mountains and to downtown Riverside that are currently available and will enhance the quality of life issues that would otherwise be compromised with overhead lines and subsequent easements.

The University is hopeful that the City will consider this request to maintain the maximum amount of land use for the planned West Campus development, enhance the quality of life, and minimize visual impacts for the West Campus Academic Core, student housing, and the UCR School of Medicine. The Campus prepared to collaborate with RPU to develop a mutually agreeable solution for the subtransmission line location that contributes to the identified West Campus development strategy.

Sincerely,

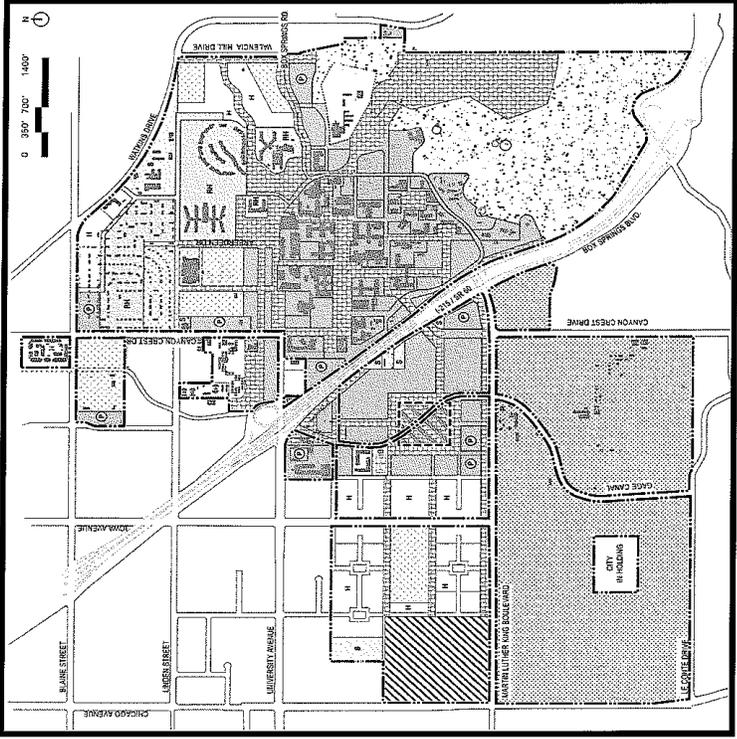


Timothy D. Ralston
Associate Vice Chancellor
Capital & Physical Planning

Enclosures: 2005 UCR LRDP Land Use Map
2008 CAMPS Campus Build-Out Map

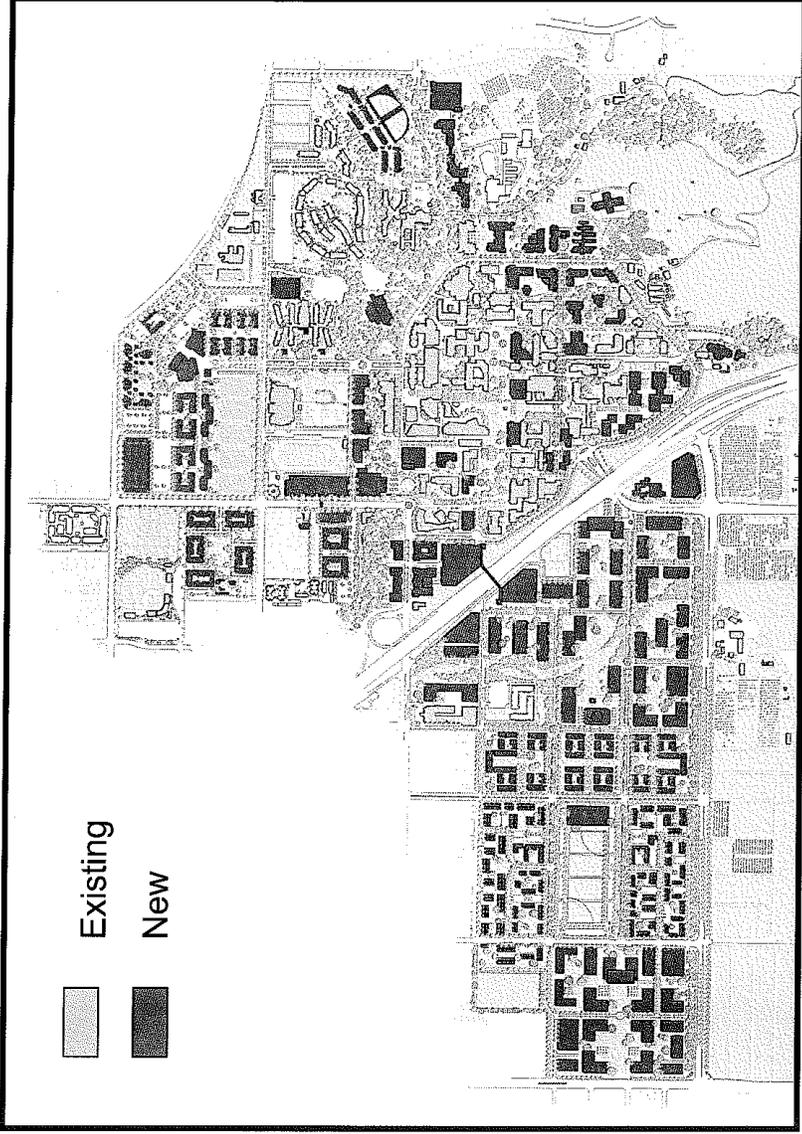
cc: RPU Utilities Deputy General Manager Badgett
RPU Principal Engineer Hill
Vice Chancellor Bolar
Associate Vice Chancellor/Campus Architect Caskey
Assistant Vice Chancellor Miller
Director Brunelle
Director Kraus
Campus Physical Planner Bullock
Principal Educational Facilities Planner Harvey

- Academic
- Apartments
- Residence Halls
- Open Space/
Recreation
- Campus Reserve*



*Proposed School of Medicine

2005 UCR LONG RANGE DEVELOPMENT PLAN (LRDP) Land Use Map



2008 CAMPUS AGGREGATE MASTER PLANNING STUDY (CAMPS)
Proposed Development

UNIVERSITY OF CALIFORNIA, RIVERSIDE

BERKELEY • DAVIS • IRVINE • LOS ANGELES • MERCED • RIVERSIDE • SAN DIEGO • SAN FRANCISCO



SANTA BARBARA • SANTA CRUZ

ACADEMIC PLANNING & BUDGET
RIVERSIDE CALIFORNIA 92521-0101

May 12, 2009

David Wright
Riverside Public Utilities
3901 Orange Street
Riverside, CA 92501

Re: Subtransmission Project proposed alternate route for RPU consideration

Dear Dave,

This letter is to follow up on prior correspondence of March 30, 2009 to Steve Badgett, and subsequent discussions with RPU representatives on April 17th regarding the physical disposition of proposed transmission lines for RPU's 69 kV subtransmission project as they traverse UC Riverside's acreage west of the 215/60 Freeway.

In the context of the April 17th discussions, UCR was provided the opportunity to internally confirm the viability of a "southern route" for above ground transmission lines which would traverse UCR's West Campus acreage south of Martin Luther King Boulevard. UCR's due diligence in this regard has involved an initial discussion on April 27th of two potential southern route options with Don Cooksey (CNAS Divisional Dean) as well as Steve Cockerham (Superintendent of Agricultural Operations). Don and Steve met with representatives from UCR's Capital and Physical Planning and Physical Plant offices. A subsequent discussion occurred on May 1st between Steve, Capital Planning and Facilities representatives yielding a preferred "southern route" that we are jointly proposing for RPU's consideration. The map enclosed with this letter diagrammatically indicates the proposed alternative route.

In the event that RPU is able to move forward on implementing the proposed route as a component of the larger subtransmission project, UCR is offering the following for consideration:

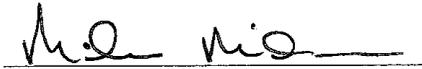
- That any engineering/project design proposals refining the UCR's preferred route allow for input from appropriate UCR representatives, including Agricultural Operations staff; and,
- Any development of construction/implementation approaches for the preferred transmission line route also allow for UCR/Agricultural Operations input to minimize potential disruptions to operations and/or active research whenever feasible.

Lastly, in a related matter based on the above referenced April 17th discussions, UCR is still seeking confirmation of the subtransmission project component disposition involving transmissions lines along the western edge of the 215/60 Freeway. Please provide this confirmation at your earliest convenience to Principal Educational Facilities Planner Jon Harvey (951-827-6952/jon.harvey@ucr.edu).

We look forward to future dialogue with you on this proposal.



Don Caskey
Associate Vice Chancellor/Campus Architect
Facilities Design and Construction



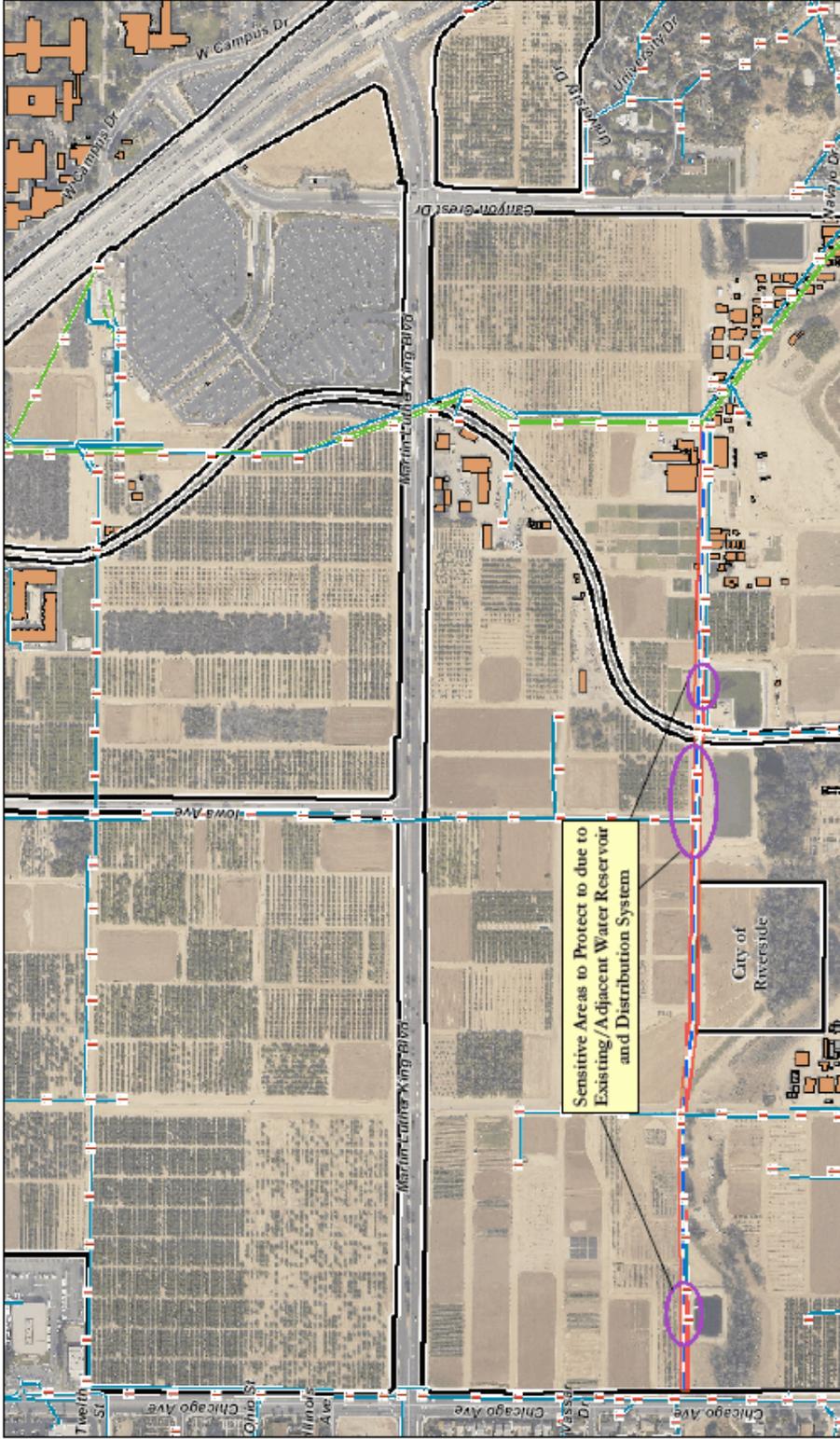
Mike Miller
Assistant Vice Chancellor
Facilities



Timothy D. Ralston
Associate Vice Chancellor
Capital and Physical Planning

Enclosure

cc: RPU Utilities Deputy General Manager Badgett
Vice Chancellor Bolar
Vice Chancellor Diaz
Divisional Dean Cooksey
Superintendent Cockerham



Sensitive Areas to Protect to due to Existing /Adjacent Water Reservoir and Distribution System

UCR 

600 300 0 600  Feet

Legend

-  Campus Boundary
-  UCR Structures
-  UCR Structures (Non-Building)
-  Proposed 69Kv Easements
-  Proposed 69Kv Location*
-  Existing City of Riverside Power Poles
-  Existing City of Riverside Primary 12Kv and 7Kv Lines
-  Existing City of Riverside Transmission 69Kv Line
-  *RPU will meet with Agriculture Operation to identify pole locations.

UCR West Campus
Riverside Public Utilities
Potential Subtransmission Line Locations
South of Martin Luther King Blvd.
Proposed Future Conditions

V:\map_docs\map69kV\WCI_CityService\69KV_Map\WCFuture_69kv_Aerial8x11.mxd (05/12/09)



Academic Planning & Budget

900 University Avenue
Riverside, CA 92521-0101

May 13, 2009

Mayor and Members of the City Council
City of Riverside
3900 Main Street
Riverside, CA 92501

Re: May 19, 2009 Public Hearing – Construction of 69 kV Subtransmission Project (STP)

Dear Mayor and City Council Members:

The University of California Riverside (UCR) supports the goals of the STP that will reinforce the electrical distribution network for the City of Riverside. However, as originally proposed the line crossed the UCR West Campus along the future Northwest (NW) Mall in an area proposed for development of academic and research buildings, graduate and family housing and the School of Medicine campus (see Figures 3, 6 & 7). The campus had concerns regarding this location and has had discussions with David Wright and Riverside Public Utilities (RPU) staff on April 9 and 17, 2009 regarding its relocation along an existing pole line south of Martin Luther King Blvd (MLK). Mr. Wright and RPU staff have been very cooperative with the campus and share in the goal to develop a mutually agreeable solution identified above. In this context UCR is requesting further consideration of the still unresolved disposition of existing and potential north-south pole lines which interfere with future development plans. UCR is looking forward to favorable resolution of these concerns with RPU as well.

As the West Campus transitions from citrus groves into a vibrant campus community overtime, all planning efforts within this area need to consider future conditions. The campus vision is that existing and future utility lines or projects must:

1. Consider the visual impact they will have on the campus environment;
2. Reduce or eliminate conflicts with proposed campus development; and
3. That their presence does not defer a solution to a future date or compound an existing problem that would be in conflict with 1 or 2.

A series of visualization diagrams that illustrate these principles and show challenges with the 69kV subtransmission project are enclosed for your information.

UCR is looking forward to working with the City of Riverside and Riverside Public Utilities to successfully complete this and other projects and to continued collaboration with RPU to address issues with existing and potential north-south transmission line disposition as stated above.

Sincerely,

Gretchen S. Bolar
Vice Chancellor, Academic Planning and Budget

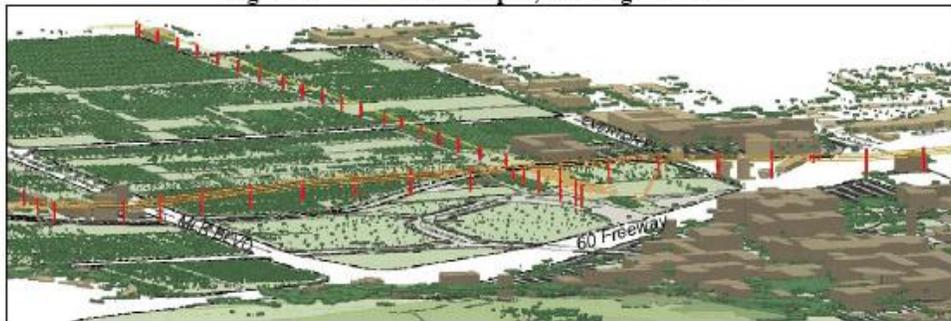
Enclosures: Figures 1 - 7

Figure 1: UCR West Campus, Existing Power Lines



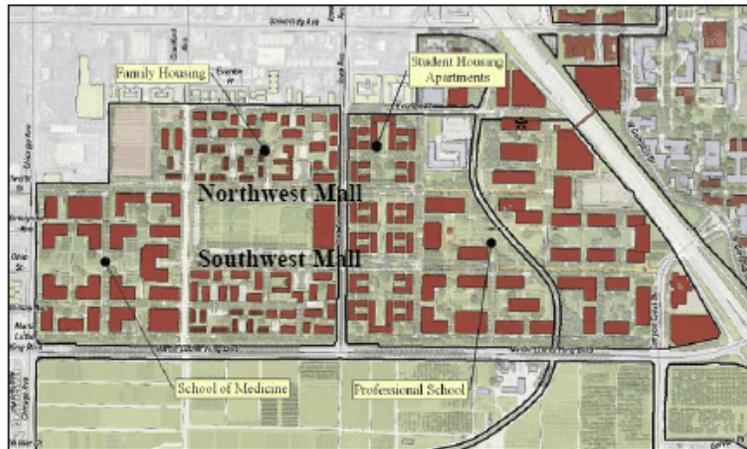
Aerial photograph shows UCR West Campus. The red line indicates the location of an existing 69kV subtransmission line. The green line is the location of a electrical distribution pole line.

Figure 2: UCR West Campus, Existing 3D Model



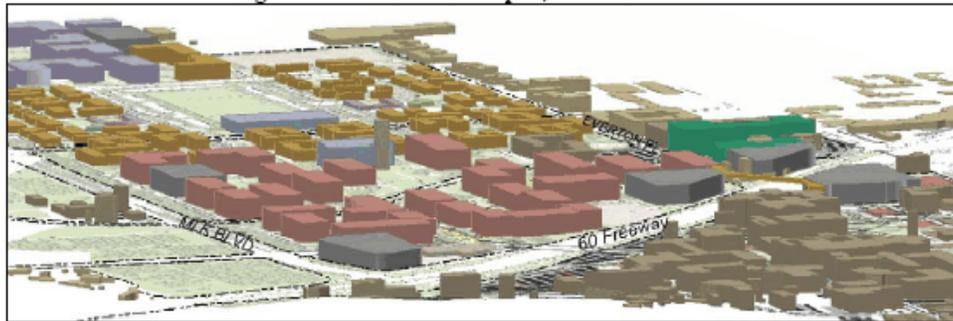
The current West Campus is comprised of agriculture fields and support facilities, a large parking lot, administrative facilities, the University Extension (UNEX) facility, and International Village student housing. Existing 69kV subtransmission lines and a electrical distribution line cross the Campus.

Figure 3: UCR West Campus, 2008 CAMPS Illustrative



The Campus Aggregate Master Planning Study (CAMPS) illustrative shows the fully developed West Campus that is comprised of four primary land use areas: Professional Schools, Student Housing Apartments, Family Housing, and the new School of Medicine. Planning for the first academic building (West Campus Graduate and Professional Center*) is completed. UCR is currently evaluating proposals to develop Family Housing, and the School of Medicine Infrastructure 1 planning project is scheduled to be finished in June.

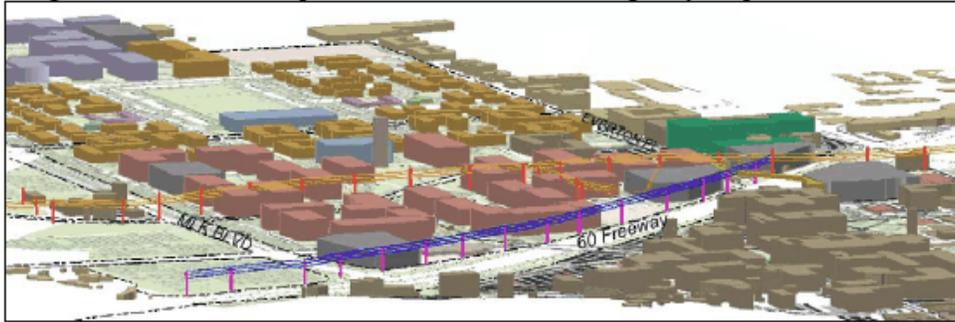
Figure 4: UCR West Campus, Future 3D Model



The future West Campus supports academic and research programs, housing, and support functions. A future pedestrian bridge crossing the 60 Freeway links the East and West Campuses.

UCR Exhibits
Public Hearing, May 19, 2009: 69kV Transmission Line Located on UCR West Campus

Figure 5: UCR West Campus, Future 3D Model with Originally Proposed Power Lines



The STP needs to consider future conditions to avoid the need to relocate lines as development occurs. Expanding the use of above ground pole lines or incorporating a new pole line addresses short-term needs, but does not consider the long-term consequences.

Figure 6: UCR Northwest Mall Campus Vision



**Figure 7: UCR North West Mall:
With Originally Proposed Power Lines**





Academic Planning & Budget

900 University Avenue
Riverside, CA 92521-0101

June 24, 2009

Dave Wright
Riverside Public Utilities
3901 Orange Street
Riverside, CA 92501

Re: 69kV Subtransmission Project Proposed Route

Dear Dave,

The Campus met with Riverside Public Utilities representatives on June 10, 2009, to review potential routes for the 69kV Subtransmission Project south of Martin Luther King Boulevard (MLK), between the Gage Canal and the 215/60 Freeway. Two potential routes cross the Citrus Variety Collection, and additional time was requested at the meeting to review routes with faculty.

Agriculture Operations examined each route and selected the southern route as illustrated on the enclosed map. The general location aligns with the access road in field 18 (east of Canyon Crest), and rows 25 and 26 in field 12 (west of canyon Crest). The route and pole locations identified at the meeting should not create problems with on-going research.

The possibility of the wood poles leaching wood preservatives into the soil is a concern, especially with poles placed close to citrus trees located within the Citrus Variety Collection. This will need to be addressed in the environmental documentation, and appropriate measures taken to address the situation. Further discussion with Agriculture Operations to address these concerns during the design effort is recommended.

We look forward to working with you to address other distribution issues as noted in previous discussions with RPU representatives (reference June 5, 2009, meeting notes), and to complete the project. Please let me know if you have any questions regarding this letter.

Sincerely,

Timothy D. Ralston, AIA
Associate Vice Chancellor
Capital & Physical Planning

Enclosure:

cc: RPU Utilities Deputy General Manager Badgett
RPU Principal Engineer Hill
Vice Chancellor Bolar
Assistant Vice Chancellor Miller
Superintendent Cockerham
Director Brunelle
Campus Physical Planner Bullock
Principal Educational Facilities Planner Harvey



Academic Planning & Budget

900 University Avenue
Riverside CA 92521-0101
July 1, 2009

Dave Wright
Riverside Public Utilities
3901 Orange Street
Riverside, CA 92501

Re: 69kV Subtransmission Project Route Selection

Dear Dave,

A meeting with the College of Natural and Agriculture Science, and Agriculture Operations to discuss the proposed 69kV route that would cross the Citrus Variety Collection. The meeting was held in response to a Riverside Public Utilities (RPU) request for additional information regarding the selection of the southern route as described in my June 24, 2009 correspondence.

The southern route remains the selected location, and the following explanation was provided by Don Cooksey, Divisional Dean, Agriculture & Natural Resources.

The proposed northern route will compromise the acreage for our planned expansion of the Citrus Variety Collection. This is the only area we have for the collection, since it has a microclimate that is less threatened by frosts than other areas at Agricultural Operations that we manage. Any alternative areas for the variety collection are also restricted by the campus plan to develop our agricultural fields north of Martin Luther King Blvd, causing us to consolidate our experimental plots south of MLK.

The need for maintenance and expansion of the Citrus Variety Collection is increasing with the expansion of our citrus breeding program. This research and technology transfer function of the University has been rejuvenated by modern citrus genomics breakthroughs by scientists at UCR. Our breeders are regularly releasing new citrus varieties, based on use of germplasm from older varieties in the variety collection, which must be maintained for this purpose. Development of new varieties also adds to the need for new space to house these new varieties in the collection.

A review of possible RPU lay down sites in the West Campus has been completed, and the Campus is open to RPU using the former Pesticide Pits area for the function. Conditions for using the site can be resolved with the lease negotiations. Conditions will include but are not limited to, dust control measures, and establishing truck routes.

We look forward to working with you to address other distribution issues as noted in previous discussions with RPU representatives (reference June 5, 2009, meeting notes), and to complete the project.

Sincerely,



Timothy D. Ralston
Associate Vice Chancellor
Capital & Physical Planning

cc: RPU Utilities Deputy General Manager Badgett
RPU Principal Engineer Hill
Vice Chancellor Bolar
Divisional Dean Cooksey
Assistant Vice Chancellor Miller
Superintendent Cockerham
Director Brunelle
Principal Educational Facilities Planner Harvey

RECEIVED MAR 09 2009

RECEIVED MAR 09 2009

March 4, 2009

Jorge Somoano
Riverside Public Utilities
3901 Orange Street
Riverside, CA 92501

Hi:

I am writing in opposition to the proposed 69 kV Route. This proposed route is to parallel the 60/215 Freeways between Cerritos and 12th Streets. I have enclosed a copy of my original e-mail dated July 5, 2007.

I am writing again in response to a letter that I received in Feb. 2009. I have attended an Open House type of meeting at the Riverside Airport and talked to City engineers and RPU Project Manager-Principal Engineer in 2007. I have also sent emails. I have also talked with City engineers that visited my home in 2008, as they looked at the proposed site. I am still in opposition to this proposed route as you want to put in a 75' Metal tower in front of my home and blocking my one remaining positive aspect of my location. I have a nice view of the small hills on the south side of UCR.

The RPU needs to make this section an underground route along the 60/215. If this truly is the only possible route I think that they need to take into consideration how we have already been subjected to the construction between Martin Luther King and Cerritos on the 60/215 Fwy, and Sycamore Canyon. When the construction ended we had a major street that dumps traffic into our small street, compounded by the increased parking from UCR's students and staff and a gigantic sound wall that does not block the sound for the 60/215 Fwy. I will try to attend the Public Hearing on May 5, 2009 to voice my objections and will try to bring more of my neighbors that are also concerned with the impact on our neighborhood.

Thank- you

August Kraemer
akraemer3@gmail.com
725 N. University Drive
Riverside, CA 92507
951 341-8122

July 5, 2007

Jorge Somoano:
Project Manager
Riverside Public Utilities
(SCH NO. 2009021070)

Hi! I am writing in opposition to the proposed 69 kV Route. This proposed route is to parallel the 60/215 Freeways between Cerritos and 12th Streets.

See Map and newsletter at:

http://www.riversideca.gov/utilities/pdf/elec/newsletter_4_06-08-07.pdf I have sent a copy of this email to City Council Ward 2 - Andy Melendrez

I am aware of the expansion and growth of the area and having previously worked in the construction industry, I realize that there is a need for making sure we have enough energy for our community. I attended the Public Open House on Thursday, June 28, 2007 4:00 to 8:00 at the Riverside Municipal Airport Lobby. The Riverside Public Utilities Employees were very helpful and informative. I talked with Tab Glomah who referred me to Lyle Hill. I also spoke with the project manager Jorge Somoano and other engineers at the open house.

My concern is that the attitude of those making the decisions is already set for the route with no alternatives. I understand the need for more energy and alternative routes in case of emergencies, but the reasons for not using alternative routes was stated as we cannot add to existing lines. The proposed route has existing lines that will have to be added to as well. I also learned in conversations that the Van Daele Development Corporation had paid for the existing lines to be buried underground next to their new development of approx. 40 new \$500,000 dollar homes. The engineers stated that we are OK because the right away is on the deed for the new homes. They plan on installing these 75 foot large metal high power 69kV transmission lines above of the buried lines that Van Daele paid for so that the new homes could have an unobstructed view of the near by hills. I learned that the engineers do not know how this route will affect the new proposed Medical Center at UCR. One engineer did not know the proposed location of the UCR Medical Center.

My motivation is selfish on my part. I feel that my area has been affected enough for the cause of humanity. My small street is located between Sycamore Canyon and Canyon Crest Drive near the intersection of Martin Luther King Bld. and Canyon Crest Drive. We have a small residential circular street on a small hill that has entrances on Canyon Crest and also on Sycamore Canyon between the intersections of MLK/ Canyon Crest and Cerritos Avenue. We have experienced a

very great impact from the expansion of the 60/215 Freeway. We previously had a large tree line of Eucalyptus trees along the Freeway. They were the first to go in the expansion and addition of a truck lane. We have been bombarded by dust, nonstop drilling, blasting, portable lights at night, and the constant noise of machinery. I now hate the sound of the beep beep of construction vehicles. I think they only drive them in reverse. We have suffered with the Moreno Valley commuters that try to navigate around the construction by driving through our neighborhood. The closure of the Martin Luther King Ave and the exit along with the closure of Sycamore Canyon to Cerritos has increased the traffic on Canyon Crest and gave us only one exit for our street onto Canyon Crest with all the other traffic. We also are impacted by the increased cost of parking at UCR and have many students parking on our small street as well as our local fraternity house, with all the associated problems of dealing with 19 year olds. When they started the new exits and underpass at Martin Luther King and the 60/215 they took another additional 50+ ft. and took out additional trees that were between my house and the freeway. A neighbor has been trying to get Cal Trans to put in a sound wall for over 10 years because of the noise from the freeway.

I have been working on my home and have recently invested over \$100,000 in improvements. I am not happy about having them put in a 75' Metal tower in front of my home and blocking my one remaining positive aspect of my location. I have a nice view of the small hill on the south side of UCR. I am in the process of building an additional room that takes advantage of the view the windows alone were about \$5,000. I didn't spend that to see a metal tower. If this truly is the only possible route I think that they need to take into consideration how we have already been subjected to all of the above and make this section an underground route along the 60/215. I know that if I were a customer of Van Daele's new home and had just bought a \$500,000 home and then they put up giant metal towers I would be extremely upset, I can only imagine how the Van Daeles feels about it after having spent thousands of dollars to move the lines and put them underground and then have the city put up more towers.

Thank- you
August Kraemer
akraemer3@gmail.com
725 N. University Drive
Riverside, CA 92507
951 341-8122

cc Michael C. Van Daele
2900 Adams St. Suite C-25
Riverside, CA 92504-4378
michael@vandaele.com

cc Jorge Somoano, Project Manager Riverside Public Utilities 5901 Payton
Ave. Riverside, CA 92504 rtrp@riversideca.gov

cc Assistant to the Vice Chancellor - Administration Latreace Cox Office of
VCA 900 University Ave. 3108 Hinderaker Hall Riverside, CA 92521 951-827-
8222 Latreace.Cox@ucr.edu

From: August Kraemer [mailto:akraemer3@gmail.com]
Sent: Tuesday, March 17, 2009 4:16 PM
To: Somoano, Jorge
Subject: SCH NO. 2009021070 69 KV Lines 215 Cerritos MLK

3-15-09

Hi

Jorge Somoano
Riverside Public Utilities
3901 Orange Street
Riverside, CA 92501
(SCH NO. 2009021070)

I have been out and about talking with my neighbors. I am trying to recruit neighbors who will help me fight this plan. Everyone I have talked with in the newer Vandaele (42?) Homes located near Cerritos and Sycamore Canyon have not heard or been informed about your intention to put 75' Metal Towers 69 KV next to their multi-million dollar subdivision. The builder Vandaele had all of the power lines put underground. I was told that view lots sold for more than the other lots. When I talked to your engineers about this project their attitude was we have the right of way. Meaning we can do whatever we want? I have also been in contact with Andy Melendrez, and have emailed Vandaele. The only neighbors in University Knolls that know about this project are those that I have talked with. The home owners in the area east of Cerritos said they have not heard about this proposal either.

I think that these lines should be buried to help maintain property values and aesthetics of both neighborhoods University Knolls and the newer Vandaele Homes located near Cerritos and Sycamore Canyon.

Thanks

August Kraemer
725 N. University Drive
Riverside, CA 92501
951 341 8122

RECEIVED MAR 30 2009

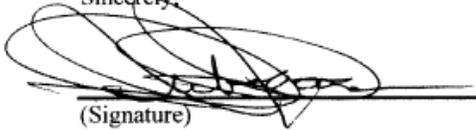
March 28, 2009

Jorge Somoano RPU Project Manager-Principal Engineer
Riverside Public Utilities
3901 Orange Street
Riverside, Ca 92501

Dear Mr. Somoano:

I ROBEN RASSO live at
(address) 5100 ALHAMBRA COURT Riverside,
California 92507. I am opposed to the sub transmission project because of possible health
risks that other communities have experienced.

Sincerely,


(Signature)

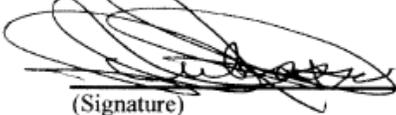
March 28, 2009

Jorge Somoano RPU Project manager-Principal Engineer
Riverside Public Utilities
3901 Orange Street
Riverside, Ca 92501

Dear Mr. Somoano:

I Ruben Dasso live at
(address) 5700 Humboldt Court Riverside,
California 92507. I am opposed to the sub transmission project because of the increased
financial utility fees that will be imposed on the neighborhood residents.

Sincerely,



(Signature)

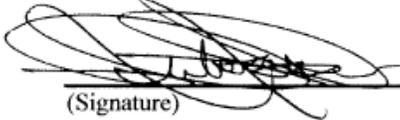
March 28, 2009

Jorge Somoano RPU Project Manager-Principal Engineer
Riverside Public Utilities
3901 Orange Street
Riverside, Ca 925012

Dear Mr. Somoano:

I RUBEN BASSO live at
(address) 5100 HUMBOLT COURT riverside California
92507. I am opposed to the sub transmission project because it will diminish the value of
my real property, which is a major investment of mine.

Sincerely,



(Signature)



Ruben Russo
5100 Humboldt Ct
Riverside CA 92507-6079



Jorge Somoano - RAD Project Manager
Riverside Public Utilities
3901 ORANGE STREET
RIVERSIDE, CA 92507

RECEIVED MAR 30 2009

March 25, 2009

Riverside Public Utilities
Attention: Mr. Jorge Somoano
3901 Orange Street
Riverside, CA 92501

Re" Subtransmission Project for the City of Riverside, Calif.

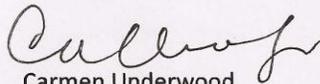
Sch No. 2009021070

I received notice of the above-mentioned project from a neighbor that dropped off a copy of a letter expressing concerns regarding a potential 75-foot metal tower that you are planning to install at the 60/215 FWY vicinity.

I'm writing this letter to express my concerns. If in fact the current project is up to have a negative impact on the neighborhood, value of home prices, etc., it will be greatly appreciated if you could achieve your end result by opting for underground lines.

Your consideration is greatly appreciated.

Sincerely,



Carmen Underwood
5015 Westmont St.
Riverside, CA 92507

March 27, 2009

MEMO TO: Mr. Jorge Somoano
Riverside Public Utilities
3901 Orange Street
Riverside, Calif. 92501

FROM: James & Marian Mc Nall
770 N. University Drive
Riverside, California 92507
(951) 683-8415

REFERENCE: SUBTRNASMISSION PROJECT
(SCH No. 2009021070)

Dear Mr. Somoano,

Thank you for attending the University Knolls Neighborhood Meeting last evening (March 26th). Your explanation of the subtransmission project as well as the film gave the residents a better understanding of the project. It certainly will not enhance our location as an upscale, desirable area in which to live. Our environment was impacted by the freeway additions and changes which took years to complete and we are just getting a breather when this comes along.

We understand that the cost of putting the power lines under-ground will cost more. The distance from the UCR point to El Cerrito is minimal compared to the number of residents who will be impacted.

We believe we unite as a voice for all of the residents in University Knolls. It is our goal to unite to make Riverside the City Beautiful. Our location is a partner to UCR, Many of the homes are 70 - 80 years old and the location was once the home of Mayor Ben Lewis. We take great pride in this location and would hope the city fathers will think twice before they destroy this historical area adjoining the Univeristy of California which holds an outstanding promise for tomorrow.

Thank you.

James & Marian Mc Nall
James E. Mc Nall
Marian M. Mc Nall

From: Somoano, Jorge
Sent: Tuesday, March 10, 2009 11:17 AM
To: Brenda L Tomaras
Cc: Hill, Lyle
Subject: RE: Subtransmission Project for the City of Riverside (SCH NO. 2009021070)

Thank you for your inquiry. You may obtain more information and the Proposed Mitigated Negative Declaration at the following Web Site. <http://www.riversideca.gov/utilities/elec-stp.asp>

With respect to your question about its relationship to RTRP, section 2.1 of the Proposed Mitigated Negative Declaration discusses the relationship which in part states:

Initially, RPU had planned to address the required subtransmission line reinforcements in the eastern part of the City as part of the RTRP. However, due to delays and load growth, the RTRP will not be completed in time to alleviate the problem. Given that the need to address these deficiencies is independent of the RTRP, RPU proposes, through this project, to construct and upgrade 69 kV lines and associated equipment in order to reinforce the existing 69 kV subtransmission network on the eastern side of its system.

From: Brenda L Tomaras [mailto:BTomas@mtowlaw.com]
Sent: Monday, March 09, 2009 6:24 PM
To: Somoano, Jorge
Subject: Subtransmission Project for the City of Riverside (SCH NO. 2009021070)

Mr. Somoano,

I am trying to obtain more information on this project, is it part of the Riverside Transmission Reliability Project?

Brenda L. Tomaras
Tomaras & Ogas, LLP
10755-F Scripps Poway Parkway #281
San Diego, CA 92131
(858) 554-0550
(858) 777-5765 Facsimile

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|-----Original Message-----

From: Lori Ogata Keeler [mailto:lokeeler@cwo.com]
Sent: Monday, April 20, 2009 9:00 AM
To: Somoano, Jorge; Melendrez, Aurelio
Cc: Loveridge, Ron
Subject: transmission towers along Sycamore Canyon

Good morning gentlemen:

I hope all is well with you. After uncovering Mr. August Kraemer's letter, I see that Riverside City is proposing the installation of power lines and towers alongside our homes. Mr. Kramer is wise to share concern on how this will impact our homes and property, especially during this country's unprecedented recession. Since the Riverside Public Utilities power service RARELY shuts down, I do not understand the need for more power lines and towers.

Assuming installing underground lines is impossible, then at least seriously consider enclosing the towers in structures e.g., concrete walls, which should protect homeowners' from the EMFs and subsequent noise. We have too much noise from the widened freeway as it is!

While I applaud your vision regarding the city's future need for power, I think this project can afford to be postponed for at least five years which should be enough time for the overall economy to improve.

Simply put, I'd rather we homeowners didn't have to "pay the consequences" as a result of these proposed changes.

Sincerely,

Dr. Lori Ogata Keeler

From: Emanuel Lin [mailto:linemanuel@gmail.com]
Sent: Friday, May 22, 2009 12:39 AM
To: Hill, Lyle
Subject: My STP routing alternatives

Dear Lyle,

Thank you for contacting me about my misplaced concern for having the 69kv line passing in front my property at 2460 12th Street. I am 60 year old and an electrical engineer. I received my B.S. degree in Electrical Engineering when I was 22 and an M. S. degree in Computer Science from University of Illinois when I was 27. I am quite experienced in the application of programmable logic controller and SCADA system in various industries, such as power quality monitoring.

During our conversation, I mentioned two alternatives to your existing proposed routing:

(1) 14th Street-MLK route - After reviewing the proposed routing map on page 2 of STP Appendix C, I feel you can maintain the existing land use and upgrade the existing 69kv line going south along west side of 91 Freeway from the Riverside Substation to 14th Street, then build a new line to cross 91 Freeway and follows the 14th Street and MLK to tie into your existing 69kv line along the west side of 215 Freeway with necessary upgrade to reach University Substation.

This alternative avoids the zig-zags in the Eastside neighborhood and can save you a few power poles and the costs of hardware and re-enforcement to facilitate the zig-zags. The alternative line runs about the same length as yours.

10th, 11th and 12th Streets, including Victoria and Sedgwick, in your proposed route are all very narrow. Eastside is a very poor neighborhood that needs a lot of helps from everybody to bring it up. I am from Taiwan but I am quite attached to this neighborhood. The new power poles and lines 75' high in the air are a glaring contrast to such narrow street and is not compatible with the character of the neighborhood. It will leave a permanent scar to an unfortunate neighborhood that has not been able to thrive.

To the contrary, 14th Street and MLK are so wide that it makes your tall poles and wires look small. They are very busy streets and mostly commercial. When the business closes and traffic ceases after dark, your new 69kv line is in effect almost non-existence. I beg you to choose my route and let Eastside rest in peace.

(2) I live in a Houston subdivision that was developed in the 1950's. The power line that feeds into each house runs along the boundary line of two adjoining backyards. You do not see the power pole or power line along the street or in your front yard. During and after hurricane Ike, my house was without power for 18 days. I saw the difficulty of a lineman's crane truck to get through the 9'-wide driveway of some houses to reach their backyard to fix the downed line. But once your 69kv line is in Eastside, it stays almost forever ugly. If you can find a way to resolve the maintenance issue for a backyard power line, it will really help the Eastside residents.

Unlike some middle or upper class neighborhood in Houston that requires deep front setback, houses in Eastside have very shallow 15' front setback. Another unique character in Eastside is each house's front yard is fenced in up to the sidewalk. Your power pole will be sitting in a very narrow stripe of dirt and the 69kv electro-magnetic field will be beaming right into the face of each resident 24/7. That is horrible.

Would you keep me updated about my alternative routes? Also, where can I read the comments that you have received so far and what your response are?

Help the Eastside, I pray.

S. Emanuel Lin
3527 Woodvalley Drive, Houston, TX 77025-4232
(713) 666-3816

STP Comments and Responses
Public Review Period February 25 – March 30, 2009

- **Email from public S. Emanuel Lin, 2460 12th Street, Riverside, CA (May 22, 2009)**

Comment:

1. Mr. Lin would like to suggest a new alternative route concept.

Response:

The route concept suggested had been considered and removed from consideration during the project's siting and route selection process due to environmental impacts and constructability concerns. The project's proposed route has been thoroughly evaluated and defined through a design process involving RPU electrical engineers, the project's electrical engineering and environmental planning consultants, the University of California Riverside, the City of Riverside Public Works Department, and Cal Trans.