



Ken Deremer, Director
Tariffs & Regulatory Accounts
8330 Century Park Court
San Diego, CA 92123-1548

Tel: 858.654.1756
Fax: 858.654.1788
kderemer@semprautilities.com

December 3, 2008

ADVICE LETTER 2045-E
(U 902-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

SUBJECT: NOTICE OF PROPOSED CONSTRUCTION TO SPLIT TIE LINE 651 AND FORM A POWER LINE LOOP AT THE SILVERGATE SUBSTATION IN THE CITY OF SAN DIEGO WITH TWO SEPARATE 69kV POWER LINES ROUTED FROM SILVERGATE TO WABASH AND FROM SILVERGATE TO NATIONAL CITY

Purpose

Pursuant to General Order (G.O.) 131-D, Section XI, Subsection B.4, San Diego Gas & Electric Company (SDG&E) hereby submits a notice of construction to Split TL 651 (Wabash - National City) to form two separate 69kV power lines with distinct routes from (Silvergate – Wabash) and (Silvergate - National City), and to loop the modified power line configuration into the existing Silvergate Substation in order to increase reliability and operational benefits.

For the reasons stated below, this project is exempt from the G.O. 131-D Permit to Construct (PTC) requirements.

This project is exempt from G.O. 131-D Certificate of Public Convenience and Necessity (CPCN) requirements because all of the applicable facilities operate below 200kV. This project is also exempt from PTC requirements because it qualifies under Section III.B.1.d -- “the conversion of existing overhead lines to underground” and Section III.B.1.g -- the installation of “power line facilities or substations to be located in an existing franchise... or public utility easement,” and no exceptions to these exemptions exist. In compliance with the noticing requirements found in G.O. 131-D, Section XI, Subsections B and C, this informational Advice Letter provides a copy of the Notice of Proposed Construction (Attachment A) and the Notice Distribution List (Attachment B).

Description of Proposed Construction

This project is to split TL651 (Wabash - National City) into two (2) 69kV power lines (“Wabash-Silvergate” and “National City-Silvergate”) with a power line loop at the existing 230/69kV Silvergate Substation. The new tie lines will utilize a mixture of new and existing overhead and underground facilities. The total length of new overhead conductor and underground cable segments will be less than one (1) mile.

Purpose and General Description

This project will split TL651 (Wabash - National City) into two (2) 69kV lines (“Wabash-Silvergate” and “National City-Silvergate”) and extend both lines to form a power line loop at the existing 230/69kV Silvergate Substation. As part of the proposed project, the newly separated tie lines will connect into Silvergate Substation via one (1) new anchor bolted 69kV double circuit steel cable pole and associated hardware located on the corner of Newton and Sampson St. within existing franchise. The new 69kV steel cable pole will replace an existing 69kV double circuit wood pole and existing guys and anchors.

The Silvergate to Wabash tie line will proceed underground, and within existing franchise, from the new 69kV steel cable pole and intercept an existing double circuit trench package (TL602 and spare) via a new trench alignment at a distance of approximately 1,200 ft of double circuit 69kV infrastructure. In addition, this will require installing approximately two (2) 69kV vaults along this trench alignment as well as installing associated vault racking, telecommunications, 69kV underground cable, joints and terminations.

The Silvergate to National City tie line will proceed overhead from the new 69kV steel cable pole to Silvergate Substation along Sampson St. within existing franchise for a distance of approximately 1,000 ft. The overhead alignment will then transition underground at a distance of approximately 700 ft via existing TL656 steel overhead cable pole and existing underground infrastructure located within the Silvergate Substation property. The overhead portion will involve overbuilding existing overhead distribution by replacing approximately six (6) wood poles with taller wood poles to accommodate additional pole loading and required vertical clearances. The installation of new overhead conductor, associated 69kV insulators and hardware will be installed along the overhead route.

Substation work will include 1) adding two 69kV breakers, two 69kV line disconnects, and associated panels/relaying at Silvergate Substation; 2). installing 69kV underground cable in existing duct packages inside Silvergate Substation; 3) changing out existing 69kV breakers at Wabash and National City; and 4) upgrading relaying and associated control panels at Wabash and National City substations. All work will be done inside the existing substations

Additional Project Information

- Existing Distribution Pole Heights - Approximately 40-75 ft
- New 69kV Pole Heights - Approximately 75-85 ft
- New 69kV Steel Cable Riser Pole Height - Approximately 85 ft

Potential Environmental Impacts

SDG&E has reviewed the TL651 Split project for potential environmental impacts by preparing a California Environmental Quality Act (CEQA) Environmental Checklist (Checklist). The results of the Checklist review found that this project will not create any significant incremental or cumulative effects. Further, the results of the environmental review do not find any exceptions to the exemptions from a PTC, as described in G.O.

131-D.III.B.2. Upon request, SDG&E's CEQA Environmental Checklist document is available for review.

No cost information is required for this advice filing.

This informational filing will not result in an increase in any rate or charge, conflict with any rate schedule or rules, nor cause the withdrawal of service or result in more restrictive conditions.

Magnetic Field Management:

The CPUC requires utilities to consider "no-cost" and "low-cost" magnetic field management techniques on all new transmission projects as a precautionary measure to reduce public exposure to magnetic fields. SDG&E will implement magnetic field management techniques on this project, as appropriate, in accordance with SDG&E's *EMF Design Guidelines for Electrical Facilities* (Guidelines), as filed with the CPUC in compliance with D.93-11-013 and updated in compliance with D.06-01-042.

SDG&E will take the following measures for the Project: 1. Identify and implement appropriate "no-cost" measures, i.e., those that will not increase overall project costs but will reduce the magnetic field levels. 2. Identify and implement appropriate "low-cost" measures, i.e., those measures costing in the range of 4% of the total budgeted project cost. To qualify, "low-cost" measures must reduce the magnetic field levels by at least 15% at the edge of Right-of-Way (ROW). For this project located within the franchise, the edges of the utility ROW are the adjacent parallel property lines.

An SDG&E Magnetic Field Management Plan for this project is available upon request.

Effective Date

Because this Advice Letter is being filed in accordance with the noticing requirements described in G.O. 131-D, Section XI, Subsection B.4, no resolution is required for approval. Therefore, SDG&E requests that this advice filing become effective on the 30th calendar day after the date filed, which is January 2, 2009.

Protest

Anyone may protest this Advice Letter to the California Public Utilities Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made either in writing or by facsimile and received by December 23, 2008, which is 20 days of the date this Advice Letter was filed with the Commission. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

IMC Branch Chief
Energy Division
California Public Utilities Commission
505 Van Ness Avenue, Room 4002
San Francisco, CA 94102

A copy should also be mailed to the Energy Division-IMC Branch, Room 4005 (at the address shown above). It is also requested that a copy of the protest be sent via both e-mail and Facsimile to SDG&E on the same date it is mailed or delivered to the Commission (at the address shown below).

Attn: Rebecca W. Giles
Regulatory Case Administrator
San Diego Gas and Electric
8330 Century Park Court – CP32D
San Diego, CA 92123-1550
Facsimile No. (858) 654-1788
E-mail: RGiles@semprautilities.com

Notice

G.O. 131-D, Section XI, Subsection B. requires that this Advice Letter be filed not less than 30 days before the date such construction is intended to begin. SDG&E intends to begin construction no sooner than January 22, 2009. In accordance with Section III.G of G.O. 96-B, SDG&E has, on December 3, 2008, served a copy of this filing on the parties shown on the attached list including the parties listed in G.O. 131-D, Section XI, Paragraphs B.1 and B.2, by providing them a copy hereof, either electronically or via the U.S. mail, properly stamped and addressed. A copy of the attached Notice will also be posted on site in accordance with G.O. 131-D, Section XI. Paragraph B.3.

Address changes should be directed to Felicia Gray of San Diego Gas and Electric by facsimile at (858) 654-1788 or by e-mail at fgray@semprautilities.com.

Ken Deremer
Director - Tariffs & Regulatory Accounts

(cc list enclosed)

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SAN DIEGO GAS & ELECTRIC (U 902)**

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: Aurora Carrillo

Phone #: (858) 654-1542

E-mail: acarrillo@semprautilities.com

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas
PLC = Pipeline HEAT = Heat WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2045-E

Subject of AL: Notice of Proposed Construction to Split Tie Line 651 and Form a Power Line Loop at the Silvergate Substation in the City of San Diego with two separate 69kV Power Lines Routed from Silvergate to Wabash and from Silvergate to National City.

Keywords (choose from CPUC listing): Transmission Lines, GO 131-D

AL filing type: Monthly Quarterly Annual One-Time Other Periodic

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL N/A

Summarize differences between the AL and the prior withdrawn or rejected AL¹: N/A

Does AL request confidential treatment? If so, provide explanation: _____

Resolution Required? Yes No

Tier Designation: 1 2 3

Requested effective date: January 2, 2009

No. of tariff sheets: 0

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: N/A

Service affected and changes proposed¹: N/A

Pending advice letters that revise the same tariff sheets: N/A

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division

Attention: Tariff Unit

505 Van Ness Ave.,

San Francisco, CA 94102

mas@cpuc.ca.gov and jnj@cpuc.ca.gov

San Diego Gas & Electric

Attention: Todd Cahill

8330 Century Park Ct, Room 32C

San Diego, CA 92123

tcahill@semprautilities.com

¹ Discuss in AL if more space is needed.

General Order No. 96-B
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

Public Utilities Commission

DRA

D. Appling
S. Cauchois
J. Greig
R. Pocta
W. Scott

Energy Division

P. Clanon
S. Gallagher
H. Gatchalian
D. Lafrenz
M. Salinas

CA. Energy Commission

F. DeLeon
R. Tavares

Alcantar & Kahl LLP

K. Harteloo

American Energy Institute

C. King

APS Energy Services

J. Schenk

BP Energy Company

J. Zaiontz

Barkovich & Yap, Inc.

B. Barkovich

Bartle Wells Associates

R. Schmidt

Braun & Blaising, P.C.

S. Blaising

California Energy Markets

S. O'Donnell
C. Sweet

California Farm Bureau Federation

K. Mills

California Wind Energy

N. Rader

CCSE

S. Freedman
J. Porter

Children's Hospital & Health Center

T. Jacoby

City of Chula Vista

M. Meacham
E. Hull

City of Poway

R. Willcox

City of San Diego

J. Cervantes
G. Lonergan
M. Valerio

Commerce Energy Group

V. Gan

Constellation New Energy

W. Chen

CP Kelco

A. Friedl

Davis Wright Tremaine, LLP

E. O'Neill
J. Pau

Dept. of General Services

H. Nanjo
M. Clark

Douglass & Liddell

D. Douglass
D. Liddell
G. Klatt

Duke Energy North America

M. Gillette

Dynegy, Inc.

J. Paul

Ellison Schneider & Harris LLP

E. Janssen

Energy Policy Initiatives Center (USD)

S. Anders

Energy Price Solutions

A. Scott

Energy Strategies, Inc.

K. Campbell
M. Scanlan

Goodin, MacBride, Squeri, Ritchie & Day

B. Cragg
J. Heather Patrick
J. Squeri

Goodrich Aerostructures Group

M. Harrington

Hanna and Morton LLP

N. Pedersen

Itsa-North America

L. Belew

J.B.S. Energy

J. Nahigian

Luce, Forward, Hamilton & Scripps LLP

J. Leslie

Manatt, Phelps & Phillips LLP

D. Huard
R. Keen

Matthew V. Brady & Associates

M. Brady

Modesto Irrigation District

C. Mayer

Morrison & Foerster LLP

P. Hanschen

MRW & Associates

D. Richardson

OnGrid Solar

Andy Black

Pacific Gas & Electric Co.

J. Clark
M. Huffman
S. Lawrie
E. Lucha

Pacific Utility Audit, Inc.

E. Kelly

R. W. Beck, Inc.

C. Elder

School Project for Utility Rate
Reduction

M. Rochman
Shute, Mihaly & Weinberger LLP

O. Armi

Solar Turbines

F. Chiang

Sutherland Asbill & Brennan LLP

K. McCrea

Southern California Edison Co.

M. Alexander
K. Cini
K. Gansecki
H. Romero

TransCanada

R. Hunter

D. White

TURN

M. Florio
M. Hawiger

UCAN

M. Shames

U.S. Dept. of the Navy

K. Davoodi

N. Furuta

L. DeLacruz

Utility Specialists, Southwest, Inc.

D. Koser

Western Manufactured Housing

Communities Association

S. Dey

White & Case LLP

L. Cottle

Attachment A

NOTICE OF PROPOSED CONSTRUCTION

Project Name: NOTICE OF PROPOSED CONSTRUCTION TO SPLIT TIE LINE 651 AND FORM A POWER LOOP AT THE SILVERGATE SUBSTATION IN THE CITY OF SAN DIEGO WITH TWO SEPARATE 69kV POWER LINES ROUTED FROM SILVERGATE TO WABASH AND FROM SILVERGATE TO NATIONAL CITY

Date: December 3, 2008

SDG&E Advice Letter Number: 2045-E

Proposed Project:

The purpose of the proposed TL 651 Project is to increase reliability and operational benefits by splitting TL 651 into two 69kV powerlines and looping them into the existing Silvergate Substation.

Project Description

This project will split TL 651 into two powerlines: Silvergate - Wabash and Silvergate - National City. The Silvergate to Wabash tie line will proceed underground into Silvergate Substation via a new trench alignment for a distance of approximately 0.3 miles and tie into existing TL602 trench package proceeding into Silvergate. The Silvergate to National City tie line will proceed overhead on Sampson Street a distance of 0.25 miles and transition underground a distance of approximately 0.1 miles via existing TL656 overhead cable pole on Silvergate Substation property. Both Tie Lines will split from a new 69kV cable riser pole located on the corner of Newton Avenue and Sampson St.

Magnetic Field Management:

The CPUC requires utilities to consider "no-cost" and "low-cost" magnetic field management techniques on all new transmission projects as a precautionary measure to reduce public exposure to magnetic fields. SDG&E will implement magnetic field management techniques on this project, as appropriate, in accordance with SDG&E's *EMF Design Guidelines for Electrical Facilities* (Guidelines), as filed with the CPUC in compliance with D.93-11-013 and updated in compliance with D.06-01-042.

SDG&E will take the following measures for the Project: 1. Identify and implement appropriate "no-cost" measures, i.e., those that will not increase overall project costs but will reduce the magnetic field levels. 2. Identify and implement appropriate "low-cost" measures, i.e., those measures costing in the range of 4% of the total budgeted project cost. To qualify, "low-cost" measures must reduce the magnetic field levels by at least 15% at the edge of Right-of-Way (ROW). For this project located within the franchise, the edges of the utility ROW are the adjacent parallel property lines.

An SDG&E Magnetic Field Management Plan for this project is available upon request.

Exemption from CPUC Authority:

This project is exempt from G.O. 131-D Certificate of Public Convenience and Necessity (CPCN) requirements because all of the applicable facilities operate below 200kV. This project is exempt from the requirements of G.O. 131-D Permit to Construct (PTC) because it qualifies for an exemption under Section III(B)(1)(d) – “the conversion of existing overhead lines to underground” and Section III(B)(1)(g) -- the installation of “power line facilities or substations to be located in an existing franchise... or public utility easement,” and no exceptions to these exemptions exist.

Public Review Process:

Persons or groups may protest the proposed construction if they believe the utility has incorrectly applied for an exemption or believe there is a reasonable possibility that the proposed project or cumulative effects or unusual circumstances associated with the project may adversely impact the environment. Pursuant to CPUC GO 131-D, Section XIII, protests must be filed by December 23, 2008, which is 20 days of the date this Advice Letter was filed with the Commission. All protests must be filed formally at the CPUC and SDG&E concurrently in accordance with the CPUC’s Rules of Practice and Procedure to those listed below.

California Public Utilities
Commission
Docket Office, Room 2001
505 Van Ness Avenue
San Francisco, CA 94102
AND

Rebecca W. Giles
SDG&E
Regulatory Affairs
8330 Century Park Ct.
San Diego, CA 92123
AND

Ken Lewis
California Public Utilities
Commission
Energy Division
505 Van Ness Avenue,
Rm. 4002
San Francisco, CA 94102

For assistance in filing a protest, please call the CPUC's Public Advisor in Los Angeles at 1-866-849-8391 OR E-mail: public.advisor.la@cpuc.ca.gov

To request further information, please contact: Ahmad Solomon, Government Affairs Manager, Sempra Energy at: 858-654-1857 OR E-mail ASolomon@Sempra.com.

Attachment B

Advice Letter No. 2045-E

Notice Distribution List

PROPOSED CONSTRUCTION TO SPLIT TIE LINE 651 AND FORM A POWER LINE LOOP AT THE SILVERGATE SUBSTATION IN THE CITY OF SAN DIEGO WITH TWO SEPARATE 69kV POWERLINES ROUTED FROM SILVERGATE TO WABASH AND FROM SILVERGATE TO NATIONAL CITY

California Public Utilities Commission

Nicholas Sher
505 Van Ness Avenue
San Francisco, CA 94102

Ken Lewis
505 Van Ness Avenue
San Francisco, CA 94102

City of San Diego

William Anderson
Director of Planning
City of San Diego
202 C Street MS5A
San Diego, CA 92101

Myra Herrmann, Senior Planner
City of San Diego - Development Services Department
1222 1st Avenue, MS 501
San Diego, CA 92101
email: mherrmann@sandiego.gov

California Energy Commission

Melissa Jones
Executive Director
1516 Ninth Street, Mail Stop 39
Sacramento, CA 95814

Community Groups

Rachel Ortiz
Barrio Logan PAC
2175 Newton Avenue
San Diego, CA 92113

Diane Takvorian
Environmental Health Coalition
401 Mile of Cars Way, Ste. 310
National City, CA 91950

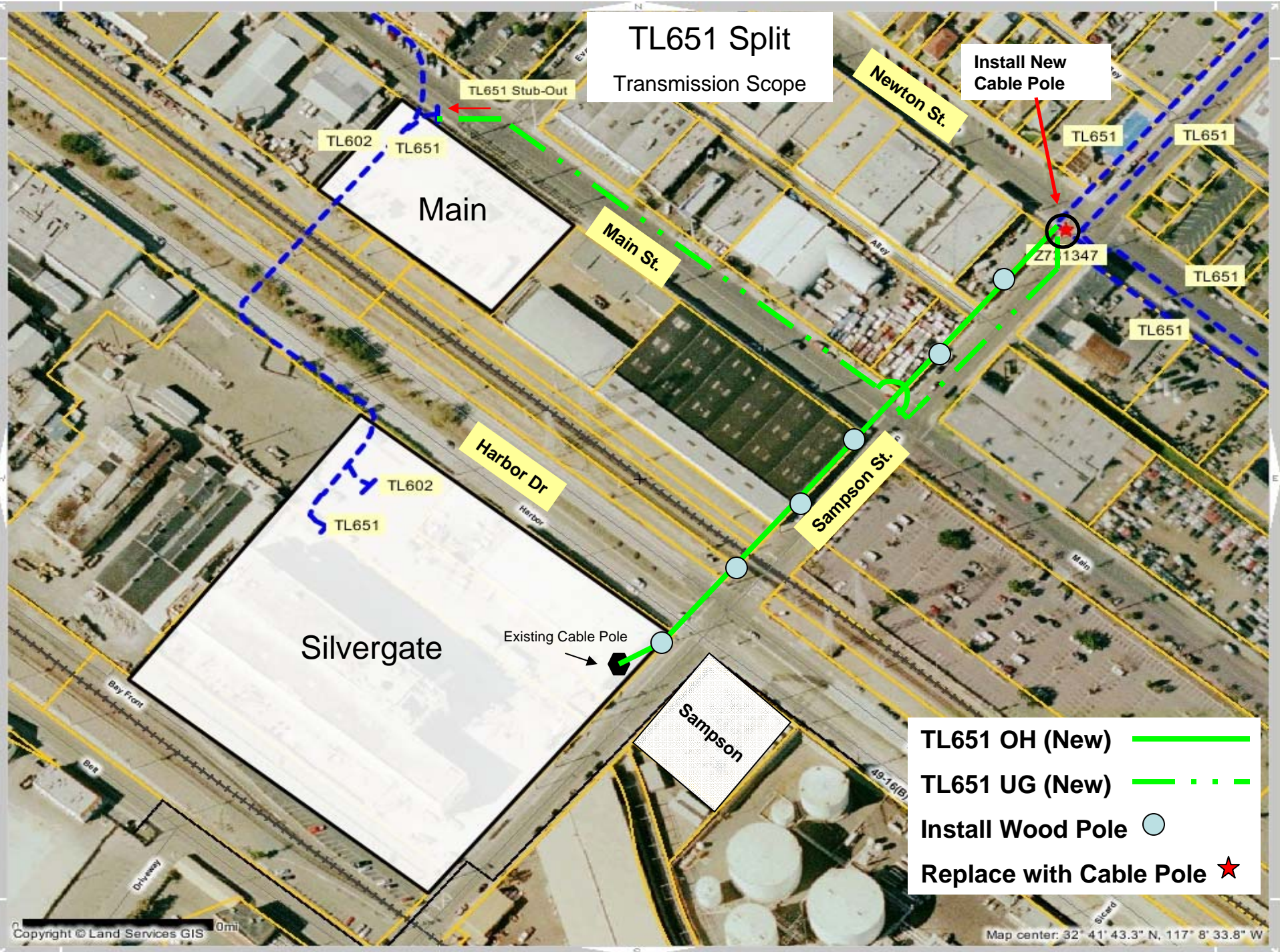
Lara Gates
Barrio Logan Community Plan Update Project Manager
202 C Street, MS-4A
San Diego, CA 92101

Newspapers of General Circulation

San Diego Union-Tribune
North County Times

Neighborhood Notification

The Attachment A Notice will be posted in public viewing areas such as on SDG&E utility poles, along the existing overhead and the new underground route.



TL651 Split
Transmission Scope

Install New
Cable Pole

Main

Main St.

Newton St.

Harbor Dr

Sampson St.

Silvergate

Existing Cable Pole

Sampson

- TL651 OH (New) ———
- TL651 UG (New) - . - . -
- Install Wood Pole ○
- Replace with Cable Pole ★