

Honorable Mayor and Members
of the City Council
City Hall
Torrance, California

Members of Council:

SUBJECT: Public Works – Authorize appropriation and expenditure of funds for the undergrounding of street lights along Hawthorne Boulevard between 186th Street and Del Amo Boulevard and construction of underground energizing of north side streetlights for Del Amo Boulevard from Victor Street to Henrietta Street. Expenditure: \$115,300

RECOMMENDATION

Recommendation of the Public Works Director that City Council:

- 1) Authorize an appropriation and expenditure of \$90,000 from the Development Impact Fee for Undergrounding Overhead Utilities to construct the improvements for the undergrounding of overhead utilities along Hawthorne Boulevard from 186th Street to Del Amo Boulevard;
- 2) Authorize an appropriation of \$23,000 from the Development Impact Fee for Undergrounding Overhead Utilities to construct underground service improvements, currently serviced from overhead lines, to energize the north street lights along Del Amo Boulevard from Victor Street to Henrietta Street into Infrastructure Action Plan (IAP) Project No. I 114, Undergrounding of Overhead Utilities and Installation of Underground Street Lights along Del Amo Boulevard between Henrietta Street and Victor Street; and
- 3) Appropriate \$2,300 from the Development Impact Fee for Undergrounding Overhead Utilities and approve a project budget for project administration and inspection of IAP Project No. I 114.

Funding

Funding for this work is available from Development Impact Fee for Undergrounding Overhead Utilities.

BACKGROUND/ANALYSIS

On April 3, 2012, Your Honorable Body approved and adopted Resolution 2012-35, amending and updating Resolution No. 2005-71 regarding the Utility Undergrounding Facilities Plan and Utility Undergrounding Impact Fees, Development Impact Fee (DIF) Program for undergrounding overhead utilities as authorized by Article 2 of Chapter 9 of Part I of Division 2 of the Torrance Municipal Code. The Utility Underground Facilities Plan was established for the purpose of undergrounding longer stretches of overhead utilities. The DIF

Funds must be utilized within 5 years of collection. Staff has been reviewing opportunities to enhance areas where undergrounding would benefit the City within current available funding. In keeping with that effort, staff has been working with Southern California Edison on the elimination of existing street lighting overhead utility lines to further the undergrounding of utilities along these corridors.

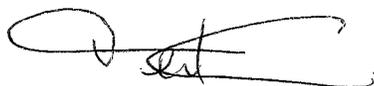
The estimated cost to install twelve additional underground serviced street lights along the Hawthorne Boulevard Underground Utility District (UUD) 18A project to meet IES (Illuminating Engineering Society) recommended street lighting levels is estimated at \$90,000 by Southern California Edison (SCE). UUD No. 18A encompasses the undergrounding of overhead utilities along both sides of Hawthorne Boulevard between Del Amo Boulevard and 186th Street, except for the transmission lines at the top of those poles. Additional expenses, such as pull box installation, intercepting conduits, etc., will be identified and incurred when the project moves into bidding for construction by SCE.

Currently the utility lines and infrastructure along the north side of Del Amo Boulevard between Henrietta Street and Victor Street are underground and are Edison owned. These north street lights are currently being energized by the overhead street lighting system along the south side of this segment of Del Amo Boulevard.

Upon energizing the northerly SCE owned system from a new underground connection on Entradero Avenue at Del Amo Boulevard, the overhead system along the south side will no longer service any systems and will become idle. Staff is coordinating with SCE on the removal of these overhead lines. The estimated cost is approximately \$23,000 and will be contracted for separately.

Respectfully submitted,

ROBERT J. BESTE
Public Works Director



By Ted Semaan
Engineering Manager

CONCUR:

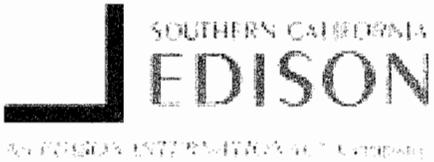


Robert J. Beste
Public Works Director



LeRoy J. Jackson
City Manager

Attachment: A. Southern California Edison Letter Dated September 27, 2012



September 27, 2012

Mr. Scott Gobble

Local Public Affairs Regional Manager

Scott,

Our technical planning department has provided me with an estimate for the additional equipment and materials needed to install (12) twelve street lights that the City of Torrance has requested for the Rule 20A project currently under design.

The estimate of \$90,000 includes the cost of the new marble light pole with an 8' mast arm, cement foundation, cobra head luminaire, cement pull box, 1"-1/2" x 24" conduit sweeps from pull box to street light hand hole and service conductors from street light to the point of connection in pull box. Also included is a 22% cost to capture the ITCC tax as required. Please note that this estimate does not include any trenching or conduits between each new light, as it will need to be furnished by others.

Should you have any additional questions, please feel free to contact me at any time.

Best Regards,

Ernie Oviedo

Metro West Project Manager Rule 20A

