CITY OF BERKELEY

STREET LIGHTING
ASSESSMENT DISTRICT 1982-1

ENGINEER’S REPORT
on the
Levy of an Assessment
for
Fiscal Year 2018

March 2017

Prepared by
KENNETH EMEZIEM, PE
CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
BACKGROUND
By its Resolution 51,230 N.S., adopted April 6, 1982, the Berkeley City Council initiated proceedings under the provisions of Division 15, Part 2, of the California Streets and Highways Code, entitled “Landscaping and Lighting Act of 1972”. The required public hearing was held on July 20, 1982, at which time the Council ordered the improvements and the formation of the assessment district, and confirmed the diagram and assessment. The district so formed was designated the “City of Berkeley Street Lighting Assessment District 1982-1”. Assessments were levied for the 1983 through 2017 fiscal years.

This report was prepared and filed pursuant to Division 15, Part 2, of the California Streets and Highway Code Section 2250, and is exempt from Government Code Section 53753 since the proposed assessment for FY 2018 will not be increased.

PLANS AND SPECIFICATIONS
The plans and specifications for this assessment district were prepared and filed with the Engineer’s Report for the 1983 fiscal year, which plans and specifications are incorporated herein by this reference thereto.

METHODOLOGY
The benefit to individual parcels within the Assessment District was established in 1982 based on the median light intensity a parcel receives. Parcel’s Land Use Code (LUC) is used to categorize the parcels. The assessment is calculated by multiplying the building square footage on the parcel times the rate of its category. The rate structure has three categories: 1) Residential and Institutional, 2) Industrial, 3) Commercial. An industrial area has twice the median light intensity of a residential area and a commercial area has four times the median light intensity; therefore, the rates are two and four times higher, respectively, than the residential rate. The rates are:

- Residential and Institutional $0.0108/Building Square footage
- Industrial and Utility $0.0216/Building Square Footage
- Commercial $0.0432/Building Square Footage

ESTIMATE OF COSTS
The improvements to be made in this assessment district are generally described as the maintenance or servicing, or both, of existing and future public lighting facilities, including, but not limited to, traffic signals and the installation and construction of public lighting or the maintenance or servicing thereof, including but not limited to grading, clearing, removal of debris, installation and construction of curbs, gutters, walls, sidewalk or paving, or water or irrigation, drainage or electrical facilities.
The costs of this assessment district for Fiscal Year 2018 are estimated to be as follows:

**Personnel Costs** $1,058,739

**Non-Personnel Costs**
- Supplies, Etc. $115,652
- Debt Service $370,451
- PG&E Electric Costs $326,743
- Infrastructure/Streets $214,715
- Deferred Capital Maintenance $378,740
- Indirect Costs $153,080
- Internal Services $196,374

**Subtotal, Non-Personnel Costs** $1,755,755

**Total Costs** $2,814,494

Gross Assessment $1,386,942

County Collection Fee (1.7%) $ (23,578)

**Net Assessment** $1,363,363

Deficit ($1,451,131)

**DIAGRAM**

The diagram for this assessment district was prepared and filed with the Engineer’s Report for the 1983 fiscal year, which diagram is incorporated herein by this reference thereto.

**ASSESSMENT**

Except as described below, the assessments to be made against the assessable lots and parcels of land within this assessment district are contained in the “2017 Assessment Roll” for this district, which roll is filed herewith and incorporated herein by this reference thereto.

Said assessment roll filed herewith is based on data contained in the City’s 2017 Library Tax tape and the County Assessor’s 2017 maps. In the event that data contained in the 2017 Library Tax tape and 2017 maps, when issued, conflict therewith, assessments to be made against the affected parcels for this 2018 Fiscal Year shall be based upon the revised data contained in said 2018 tape and 2018 maps.
Dated: ________________, 2017

Kenneth Emeziem, RCE 54937
Engineer of Work

Filed in the office of the City Clerk of the City of Berkeley, Alameda County, California, this ______ day of ________________, 2017

Mark Numainville
City Clerk

Filed in the office of the County Auditor-Controller of Alameda County, California, this ________________ day of ________________, 2017.

Patrick O’Connell
County Auditor-Controller
### DETAIL OF STREET LIGHTING COSTS FY 2018

<table>
<thead>
<tr>
<th></th>
<th>Personnel</th>
<th>Supplies, etc</th>
<th>Debt Service</th>
<th>PGE Electric</th>
<th>Infrastructure/Streets</th>
<th>Deferred Capital/Maintenance</th>
<th>Indirect Costs</th>
<th>Internal Services</th>
<th>TOTALS</th>
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<tr>
<td><strong>Customer Service - 311</strong></td>
<td>$29,974</td>
<td>$34,572</td>
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<td><strong>Revenue Collection</strong></td>
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<td>$2,638</td>
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<td>$364</td>
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<tr>
<td><strong>Corp Yard Administration</strong></td>
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<td></td>
<td></td>
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<td>$1,091</td>
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<td><strong>General Engineering</strong></td>
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<td><strong>Facilities Maintenance</strong></td>
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<td></td>
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<tr>
<td><strong>Communication System Mtce</strong></td>
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<td><strong>Street Lighting Maintenance</strong></td>
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<td>$101,912</td>
<td>$370,451</td>
<td>$325,458</td>
<td>$214,715</td>
<td>$378,740</td>
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<td><strong>Corp Yard Maintenance</strong></td>
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<td><strong>TOTALS</strong></td>
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<td>$115,652</td>
<td>$370,451</td>
<td>$326,743</td>
<td>$214,715</td>
<td>$378,740</td>
<td>$153,080</td>
<td>$196,374</td>
<td>$2,814,494</td>
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</table>
ENGINEERING DIVISION
CITY OF BERKELEY

STREET LIGHTING ASSESSMENT DISTRICT 1982-1

FY 2018 Assessment Roll
Listed by
Assessor’s Parcel Number

March 2017

Engineer’s Report with Full Listing of Assessments by Assessor’s Parcel Number is available at the following locations on or after March 31, 2017:

• City Clerk’s Office, 2180 Milvia Street, Berkeley, CA 94704
• Main Berkeley Library, Reference Desk, 2090 Kittredge Avenue, Berkeley, CA 94704
• Public Works Engineering Division, 1947 Center Street, 4th Floor, Berkeley, CA 94704

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CITY OF BERKELEY

STREET LIGHTING
ASSESSMENT DISTRICT 1982-1

FY 2018 Assessment Roll
Listed by
Street Address

March 2017

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**ASSESSMENT DISTRICT NO. 1982-1**

**ASSESSMENT SUMMARY**

<table>
<thead>
<tr>
<th>Type</th>
<th>Number</th>
<th>SQ. FT.</th>
<th>Rate</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential*</td>
<td>24,717</td>
<td>64,286,994</td>
<td>0.0108</td>
<td>$705,330.72</td>
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<tr>
<td>Commercial</td>
<td>1,483</td>
<td>12,653,509</td>
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<td>$523,910.64</td>
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<tr>
<td>Industrial**</td>
<td>395</td>
<td>7,307,201</td>
<td>0.0216</td>
<td>$157,701.09</td>
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**Total**  
26,595  
84,247,704  
$1,386,942.45

- * Includes Institutional
- ** includes Utility
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