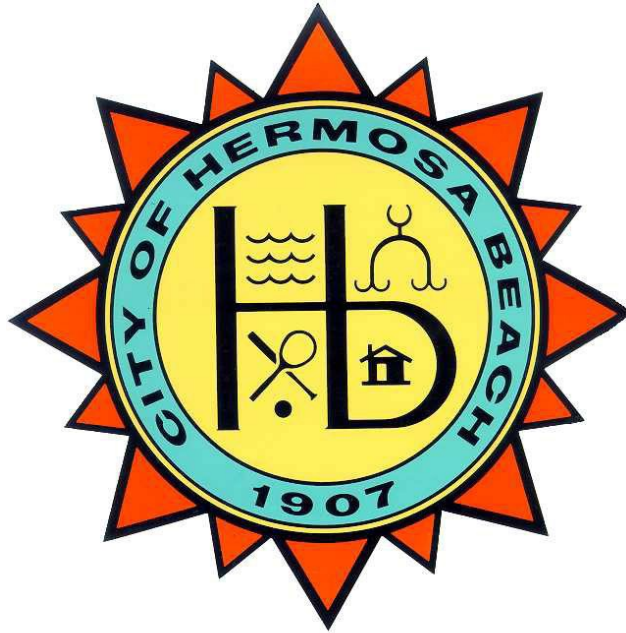


**ATTACHMENT 2**

**ENGINEER'S REPORT  
CITY OF HERMOSA BEACH  
LANDSCAPING AND  
STREET LIGHTING DISTRICT  
2022-2023**



**ENGINEER'S REPORT  
CITY OF HERMOSA BEACH  
LANDSCAPING AND  
STREET LIGHTING DISTRICT  
2022-2023**

**Prepared By:**

**Romany Basilyous  
Associate Engineer**

**Lucho Rodriguez, P.E.  
Deputy City Engineer**

**May 10, 2022**

**ENGINEER'S REPORT**  
**CITY OF HERMOSA BEACH**  
**LANDSCAPING AND STREET LIGHTING DISTRICT 2022-2023**

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**ENGINEER'S REPORT**  
**CITY OF HERMOSA BEACH**

**LANDSCAPING AND STREET LIGHTING DISTRICT 2022-2023**

The undersigned respectfully submits the enclosed report as directed by the City Council.

DATED: May 10, 2022

Joe SanClemente  
BY: Joseph SanClemente  
Director of Public Works

Lucho Rodriguez  
BY: Lucho Rodriguez, P.E.  
Deputy City Engineer

Romany Basilyous  
BY: Romany Basilyous  
Associate Engineer

I HEREBY CERTIFY that the enclosed Engineer's Report, together with Assessment Roll and Diagram thereto attached was filed with me on the \_\_\_\_\_ day of \_\_\_\_\_, 2022.

City Clerk, City of Hermosa Beach  
Los Angeles County, California

By \_\_\_\_\_

I HEREBY CERTIFY that the enclosed Engineer's Report, together with Assessment Roll and Diagram thereto attached, was approved and confirmed by the City Council of the City of Hermosa Beach, California, on the \_\_\_\_\_ day of \_\_\_\_\_, 2022.

City Clerk, City of Hermosa Beach  
Los Angeles County, California

By \_\_\_\_\_

I HEREBY CERTIFY that the enclosed Assessment Roll and Diagram were filed with the County Auditor of the County of Los Angeles, on the \_\_\_\_\_ day of \_\_\_\_\_, 2022.

City Clerk, City of Hermosa Beach  
Los Angeles County, California

By \_\_\_\_\_

**FISCAL YEAR 2022-2023**

**CITY OF HERMOSA BEACH**

**ENGINEER'S REPORT PREPARED PURSUANT TO THE PROVISIONS OF THE  
LANDSCAPING AND LIGHTING ACT OF 1972, SECTION 22500 THROUGH  
22679, OF THE CALIFORNIA STREETS AND HIGHWAYS CODE**

Pursuant to Part 2 of Division 15 of the Streets and Highways Code of the State of California, and in accordance with the Resolution of Initiation adopted by the Council of the City of Hermosa Beach, State of California, in connection with the proceedings for:

**HERMOSA BEACH  
LANDSCAPING AND STREET LIGHTING DISTRICT 2022-2023**

Hereinafter referred to as the "Assessment District" or "District", Lucho Rodriguez, Deputy City Engineer, the duly appointed ENGINEER OF WORK, submit herewith the "Report" consisting of six (6) parts as follows:

**PART A**

Plans and specifications for the improvements showing and describing the general nature, location and extent of the improvements.

**PART B**

An estimate of the cost of the proposed improvements for FY 2022-2023, including incidental costs and expenses in connection therewith.

**PART C**

An assessment of the estimated cost of the improvements on each benefited lot or parcel of land within the Assessment District.

**PART D**

The method of apportionment of assessments, indicating the proposed assessment of the total amount of the costs and expenses of the improvements upon the several lots and parcels of land within the Assessment District, in proportion to the estimated benefits to be received by such lots and parcels.

## **PART E**

A list of the names and addresses of the owners of real property within the Assessment District, as shown on the last equalized roll of the Assessor of the County of Los Angeles.

## **PART F**

The Diagram of the Assessment District Boundaries showing the exterior boundaries of the Assessment District, the boundaries of any zones within the Assessment District and the lines and dimensions of each lot or parcel of land within the Assessment District.

**PART A**  
**PLANS AND SPECIFICATIONS**

The facilities, which have been constructed within the City of Hermosa Beach, and those which may be subsequently constructed, will be operated, serviced and maintained as generally described as follows:

**DESCRIPTION OF IMPROVEMENTS  
FOR THE HERMOSA BEACH  
LANDSCAPING AND STREET LIGHTING DISTRICT 2022-2023**

The proposed improvements for FY 2022-2023 may be generally described as the continued maintenance and operation of streets and sidewalks within the District, including the operation, servicing and maintenance of landscaping, lighting and appurtenant facilities that are located in and along such streets and sidewalks, including but not limited to, personnel, electrical energy, utilities such as water, materials, contracting services, and other items necessary for the satisfactory operation of these services described as follows:

**Street Landscaping and Appurtenant Facilities**

Landscaping, planting, shrubbery, trees and appurtenant facilities, including irrigation systems, hardscapes and fixtures in public street and sidewalk rights-of-way, including parkways and medians, within the boundaries of the Assessment District.

**Street Lighting and Appurtenant Facilities**

Poles, fixtures, bulbs, conduits, equipment including guys, anchors, posts and pedestals, metering devices and appurtenant facilities as required to provide street lighting and traffic signals in public street and sidewalk rights-of-way, including parkways and medians, within the boundaries of the Assessment District.

Maintenance means the furnishing of services and materials for the ordinary and usual maintenance, operation and servicing of the landscaping, lighting facilities and appurtenant facilities, including repair, removal or replacement of all or part of any of the landscaping, lighting facilities or appurtenant facilities; providing for the life, growth, health and beauty of the landscaping, including cultivation, irrigation, trimming, spraying, fertilizing and treating for disease or injury; the removal of trimmings, rubbish, debris and other solid waste; and the cleaning, sandblasting, and painting of walls and other improvements to remove or cover graffiti.

Servicing means the furnishing of water for the irrigation of the landscaping and the maintenance of any of the lighting facilities or appurtenant facilities and the furnishing of electric current or energy, gas or other illuminating agent for the lighting facilities, or for the lighting or operation of the landscaping or appurtenant facilities.

The plans and specifications for the improvements, showing and describing the general nature, location, and the extent of the improvements, are on file in the office of the City Clerk and are incorporated herein by reference.

**PART B  
ESTIMATE OF COSTS**

<b>LANDSCAPING AND STREET LIGHTING DISTRICT Proposed Budget - Fiscal Year 2022-2023</b>	
The estimated cost of the operation, servicing and maintenance of the street and sidewalk improvements for fiscal year 2022-2023, as described in Part A, are summarized herein and described below.	
Lighting and Landscaping Maintenance and Servicing <ul style="list-style-type: none"> <li>• Median &amp; Pkwy Landscaping Maintenance and Servicing</li> <li>• Lighting Maintenance and Servicing</li> <li>• Tree Trimming</li> </ul>	\$522,782
Administration Costs	\$11,054
Insurance	\$204,533
L.A. County Tax Collection Costs	\$2,000
Equipment Replacement	\$55,099
Proposed Capital Improvements	\$0
Expenditures Subtotal:	\$795,468
Appropriation from Fund balance	\$92,097
Amount transferred from RTI Undersea Cable Fund and Tyco Fund	\$240,835
Miscellaneous Revenues	\$1,236
<b>Total Assessment:</b>	<b>\$461,300</b>
Fund Balance 6/30/23	\$0

**Total amount of \$229,790 was transferred from the RTI Undersea Cable Fund in FY 2021–22. An additional amount of \$239,245 will be transferred from the RTI Undersea Cable Fund and \$1,590 will be transferred from the Tyco Fund to maintain the District for FY 2022–23.**

The 1972 Act requires that a special fund be set up for the revenues and expenditures of the District. Funds raised by assessment shall be used only for the purpose as stated herein. A contribution to the District by the City may be made to reduce assessments, as the City Council deems appropriate. Any balance or deficit remaining on July 1 must be carried over to the next fiscal year.

**Note:** Total cost of the operation, servicing and maintenance of the Landscaping and Street Lighting District 2022-2023 is estimated to be **\$795,468**.



## **PART C**

### **ASSESSMENT ROLL**

The total proposed assessment for Fiscal Year 2022-2023 and the amount of the total proposed assessment apportioned to each lot or parcel within the District, as shown on the latest assessment roll at the Los Angeles County Assessor's Office, are contained in the Assessment Roll on file in the office of the City Clerk of the City of Hermosa Beach, which is incorporated herein by reference.

The description of each lot or parcel is part of the Los Angeles County assessment roll and this roll is, by reference, made part of this Report.

## PART D

### METHOD OF APPORTIONMENT OF ASSESSMENT

#### GENERAL

Part 2, of Division 15, of the Streets and Highways Code, the Landscaping and Lighting Act of 1972, permits the establishment of assessment districts by cities for the purpose of providing certain public improvements which include operation, maintenance and servicing of street lights, traffic signals and landscaping.

The 1972 Act requires that maintenance assessments be levied according to benefit rather than according to assessed value. Section 22573 provides that:

“The net amount to be assessed upon lands within an assessment district may be apportioned by any formula or method which fairly distributes the net amount among all assessable lots or parcels in proportion to the estimated benefits to be received by each such lot or parcel from the improvements.”

The Act permits the designation of zones of benefit within any individual assessment district if "by reason of variations in the nature, location, and extent of the improvements, the various areas will receive different degrees of benefit from the improvements" (Sec. 22574) Thus, the 1972 Act requires the levy of a true "benefit assessment" rather than a "special tax."

Exempted from the assessment would be the areas of all publicly owned property in use in the performance of a public function. Railroad and utility rights-of-way are also exempt from assessment.

#### BENEFIT ANALYSIS

- **Street Lighting and Traffic Signals** - The proper functioning of street lighting and traffic signals is imperative for the welfare and safety of the public and property throughout the City. Proper operation, maintenance and servicing of the street lighting system benefits properties within the District by providing proper illumination for ingress and egress and safe traveling at night. Properties within the District also benefit from the proper functioning of the District's traffic signal system. Proper operation of the streetlight and traffic signal systems is imperative to public convenience, orderly traffic flow, enhanced congestion management and safety. Improved security, fuel conservation, protection of property from crime and vandalism, and reduction of traffic accidents, are special and direct benefits to all properties within the City; lighting benefits are directly related to public safety and property protection and therefore increase property values.
- **Median and Parkway Landscaping and Tree Trimming** - Trees, landscaping, hardscaping and appurtenant facilities, if well maintained, provide beautification, shade and enhancement of the desirability of the surroundings, and therefore increase property value.

The City maintains trees and miscellaneous shrubbery and landscaping throughout the City. The trees, shrubbery and landscaping are located within the public street and sidewalk rights-of-way, including parkways and medians. These trees, shrubbery and landscaping provide an

aesthetically pleasing environment, shade, beautification, and, according to some authorities, air purification and sound attenuation. These positive attributes increase the value of all properties throughout the City.

Therefore, all property within the District receive an overall specific and direct benefit from the maintenance and servicing of the street median and parkway landscaping and street tree trimming programs.

Special benefits which are received by all parcels in the City are considered to be City-wide Benefits, and the associated costs of these special benefits are spread equally, based on Equivalent Dwelling Units, to all parcels within the District. All properties in the District benefit from the operation, maintenance and servicing of the street lighting, traffic signals, street median and parkway landscaping and street tree trimming.

The degree of benefit to each parcel of land varies depending on its land use and the size of the parcel. If assessments were spread on an individual parcel basis, not considering land use or parcel size, it would not be an equitable method of spread because a single family parcel would pay the same assessment as a 50-unit apartment parcel or a large commercial parcel. Therefore, the method for spreading the improvement costs, which must be based on special and direct benefit, is on an Equivalent Dwelling Unit (EDU) basis. The EDU method uses the residential dwelling unit as the basic unit and compares other uses to it, as follows:

- **Residential** parcels are assessed based on the number of dwelling units on each parcel, where each residential dwelling unit equals one EDU
- **Non-residential** parcels have been converted into EDU'S, based on engineering judgment taking into consideration the size of the parcel and the amount of frontage along the street. Every parcel is assessed a minimum of one (1) EDU.

There are a total of 11,129 EDU's within the Assessment District.

### **ASSESSMENT RATE CALCULATION**

Based on a budget of \$461,300 as shown in Part B of this report, the preliminary assessment rate for FY 2022-2023 is calculated as follows:

$$\$461,300 \div 11,129 \text{ EDU's} = \$41.45 \text{ per EDU}$$

The assessment for FY 2021-2022 was \$41.45 per EDU.

## **PART E**

### **PROPERTY OWNER LIST**

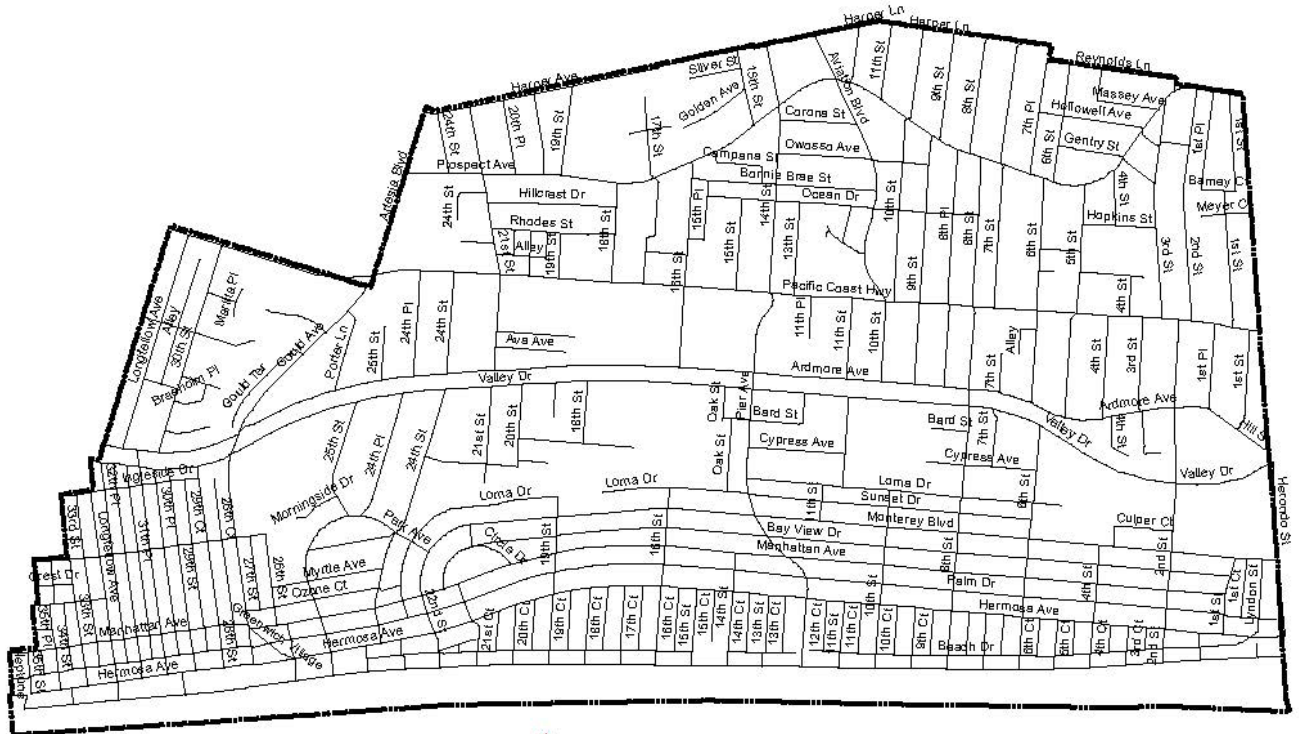
A list of names and addresses of the owners of all parcels within this District is shown on the last equalized Property Tax Roll of the Assessor of the County of Los Angeles, which by reference is hereby made a part of this report. This list is keyed to the Assessor's Parcel Numbers as shown on the Assessment Roll on file in the office of the City Clerk of the City of Hermosa Beach.

## **PART F**

### **ASSESSMENT DISTRICT BOUNDARY**

The boundaries of the District are coterminous with the boundaries of the City of Hermosa Beach. A diagram showing the exterior boundaries of the District, the boundaries of any zones within the District, and the lines and dimensions of each lot or parcel of land within the District is on file in the office of the City Clerk of the City of Hermosa Beach, and is incorporated herein by reference. The lines and dimensions of each lot or parcel within the District are those lines and dimensions shown on the maps of the Assessor of the County of Los Angeles for fiscal year 2021-2022. The Assessor's maps and records are incorporated by reference herein and made part of this report.

Part F of the Engineer's Report



City of Hermosa Beach

Diagram of Landscaping and Street Lighting Assessment District 2022-2023