

RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, ACCEPTING THE RECOMMENDATION OF THE FINANCE AND ECONOMIC RESILIENCY COMMITTEE AT ITS MAY 24, 2024 MEETING, TO IMPROVE P-63 SURFACE PARKING LOT LOCATED AT 4166 ROYAL PALM AVENUE, BY ADDING SHADE TREES ALONG THE NORTHERN LIMITS OF THE PARKING LOT AND PRIORITIZE FUNDING FOR THIS PROJECT THROUGH THE FY 2025 CAPITAL BUDGET PROCESS.**

**WHEREAS**, on December 14, 2022, the City Commission referred an item to the Public Safety and Neighborhoods Quality of Life Committee ("PSNQLC") to discuss adding shade trees at the City-owned P-63 surface parking lot, located at 4166 Royal Palm Avenue; and

**WHEREAS**, this item was discussed at the June 21, 2023 meeting, and the PSNQLC asked that staff prepare a cost estimate to add shade trees on the interior of the parking lot, understanding that this would be a capital project; and

**WHEREAS**, the item was included on the October 24, 2023 PSNQLC meeting agenda, with an order of magnitude estimate but was not heard; and

**WHEREAS**, on December 13, 2023, the City Commission referred item C7 W, to the Finance and Economic Resiliency Committee ("FERC"), to discuss the estimated cost of adding shade trees at P-63 surface parking lot; and

**WHEREAS**, the proposed project, occurring within the limits of a Government Use District (GU) property, would require a full permit review and issuance by the City's Building Department, as the project would include relocation of existing underground electrical infrastructure as well as new asphalt, concrete, and irrigation, in addition to the new trees; and

**WHEREAS**, considering the existing conditions, the project would include work to remove the compacted limerock, concrete and asphalt, which, if not removed, would impede root growth and establishment and to ensure the longevity of the trees, provide sufficient area for root growth, and encourage larger tree growth, the sub-surface soils would have to be replaced with a nutrient rich, non-compacted material, while simultaneously providing the structural bearing capacity to withstand vehicular loads; and

**WHEREAS**, this "suspended pavement" system includes a structural grid, infilled with a mix of favorable planting materials, fostering root growth while providing a durable paving surface and eliminating future root damage to the asphalt; and

**WHEREAS**, in order to provide proper root area, the suspended pavement system should include an area generally equivalent to the spread of the tree canopy. In this case, the system would cover an area of 20'x 20' (400 sf) for each tree, with a depth of approximately 36"; and

**WHEREAS**, staff developed a conceptual plan (Exhibit D) for the parking lot which also identifies the limits and quantities of the anticipated work. Based on this conceptual plan, an order of magnitude estimate was derived, utilizing historical cost data for other city projects, including a variable for cost escalations over time; and

**WHEREAS**, at the time, the cost estimate to install twenty-four (24) trees within the P-63 surface parking lot, with a minimum overall height of 18', inclusive of related suspended pavement, irrigation, electrical work, design, permitting, milling and resurfacing the parking lot, and other soft costs is approximately \$1,655,000; and

**WHEREAS**, at the FERC meeting on May 24, 2024, the project scope and order of magnitude estimate were discussed, and a recommendation was provided by the Committee to limit the installation of canopy trees to only one of the raised concrete medians, add trees in the swale at the northern limits of the parking lot, and prioritize funding for this project through the FY 2025 Capital Budget process; and

**WHEREAS**, FERC passed a motion, by acclamation, recommending to the Mayor and City Commission to improve Parking Lot P-63 by adding shade trees along the northern limits of the parking lot and prioritize funding for this project through the FY 2025 Capital Budget process; and

**WHEREAS**, subsequent to the FERC meeting, City staff developed a revised conceptual plan which includes installation of trees on the northern concrete median, and due to insufficient room in the swale, the installation of three (3) bulb-outs on the northern parking lane; and

**WHEREAS**, the revised order of magnitude estimate for the reduced scope is approximately \$765,000; and

**WHEREAS**, the revised scope includes the installation of eleven (11) trees within the parking lot, with a minimum overall height of 18', inclusive of related suspended pavement, irrigation, electrical work and milling and resurfacing of the northern areas disturbed by the tree installations; and

**WHEREAS**, the Administration recommends accepting the recommendation provided by FERC at their May 24, 2024 meeting to improve Parking Lot P-63 by adding shade trees along the northern limits of the parking lot and prioritize funding for this project through the FY 2025 Capital Budget process.

**NOW, THEREFORE, BE IT DULY RESOLVED BY THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA**, hereby accept the

recommendation of The Finance and Economic Resiliency Committee at its May 24, 2024 meeting, to improve P-63 surface parking lot located at 4166 Royal Palm Avenue, by adding shade trees along the northern limits of the parking lot and prioritize funding for this project through the FY 2025 Capital Budget process.

**PASSED and ADOPTED** this \_\_\_\_ day of \_\_\_\_\_, 2024.

\_\_\_\_\_  
Steven Meiner, Mayor

**ATTEST:**

\_\_\_\_\_  
Rafael E. Granado, City Clerk

APPROVED AS TO  
FORM & LANGUAGE  
& FOR EXECUTION



City Attorney

6/17/2024

Date