

MIAMI BEACH

COMMISSION MEMORANDUM

TO: Honorable Mayor and Members of the City Commission

FROM: Rickelle Williams, Interim City Manager

DATE: June 26, 2024

TITLE: 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.

RECOMMENDATION

The Administration recommends the Mayor and City Commission consider the recommendation of the Finance and Economic Resiliency Committee (FERC), and if favorable, it is recommended that the Mayor and City Commission adopt the resolution.

BACKGROUND/HISTORY

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. 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. The item was included on the October 24, 2023 PSNQLC meeting agenda, with an order of magnitude estimate but was not heard.

On December 13, 2023, at the request of Commissioner Rosen Gonzalez, the Mayor and City Commission referred item C7 W (Exhibit A), to the Finance and Economic Resiliency Committee (FERC), to discuss the estimated cost of adding shade trees at the P-63 surface parking lot. The item was prepared and included in the February 23, 2024, March 22, 2024, April 19, 2024 FERC agendas, but was not heard. The item was ultimately discussed at the May 24, 2024 FERC meeting.

ANALYSIS

The P-63 surface parking lot is an existing city-owned asphalt paved parking lot, consisting of four (4) aisles of parking divided by three (3) raised concrete medians (Exhibit B). The lot has an existing drainage system connected to the City's public right-of-way drainage, and existing parking lot lighting.

Permitting and Underground Infrastructure Requirements

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.

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. 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. This "suspended pavement" system (Exhibit C) 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. 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".

Cost Estimate

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. 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 and other soft costs is approximately \$1,655,000. This estimate also includes milling and resurfacing the parking lot.

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 FY25 Capital Budget process.

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 FY25 Capital Budget process.

Subsequent to the FERC meeting, City staff developed a revised conceptual plan (Exhibit E) 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. The revised order of magnitude estimate for the reduced scope is approximately \$765,000. 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.

FISCAL IMPACT STATEMENT

The revised order of magnitude estimate for the reduced scope is approximately \$765,000. Funding would need to be identified, budgeted and appropriated.

Does this Ordinance require a Business Impact Estimate?
(FOR ORDINANCES ONLY)

The Business Impact Estimate (BIE) was published on . See BIE at:
<https://www.miamibeachfl.gov/city-hall/city-clerk/meeting-notice/>

FINANCIAL INFORMATION

Not applicable.

CONCLUSION

The Finance and Economic Resiliency Committee recommends that the Mayor and City Commission adopt a resolution accepting the recommendation provided 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 FY25 Capital Budget process.

Applicable Area

Middle Beach

Is this a “Residents Right to Know” item, pursuant to City Code Section 2-17?

Yes

Is this item related to a G.O. Bond Project?

No

Was this Agenda Item initially requested by a lobbyist which, as defined in Code Sec. 2-481, includes a principal engaged in lobbying? No

If so, specify the name of lobbyist(s) and principal(s): .

Department

Capital Improvement Projects

Sponsor(s)

Commissioner Kristen Rosen Gonzalez

Co-sponsor(s)