

Agenda Memorandum

To: Honorable Mayor and City Council Members
Prepared By: Bobby Wyatt, Public Works Director
From: Bryan Cobb, City Manager
Date: August 28, 2023
Subject: State Road 426/County Road 419 Phase II Widening Patterned Pavement

Introduction: This is a request for City Council to provide direction on one of the enhanced hardscape design elements associated with the State Road 426/County Road 419 Phase II Widening Project.

Discussion: At its April 28, 2014 work session, City Council discussed the roadway profile of the State Road 426/County Road 419 Widening Project between Lake Jessup Avenue and Oviedo Boulevard. Following a presentation by a private consultant, which depicted a modified roadway design profile and enhanced landscape and hardscape elements, City Council's consensus was to maintain the existing roadway design profile as prepared by Inwood Engineering, which was already approved by the Florida Department of Transportation and Seminole County, but to upgrade the aesthetic design elements related to landscape and hardscape within the corridor.

City staff subsequently supervised the development of an upgraded landscape and hardscape design within the Lake Jessup Avenue to Oviedo Boulevard corridor which included brick pavers, patterned pavement, irrigation, decorative lighting features and traffic signal mast arms. All of the enhanced design elements were incorporated into the roadway design plan set except for the landscaping which will be procured under a separate project after the widening project is completed. Subsequently, City Council approved two (2) Locally Funded Agreements (LFAs) with the Florida Department of Transportation (FDOT) on January 4, 2021, for the enhanced design elements. City staff followed up the execution of the LFAs with payments for the enhanced design elements which were escrowed until the work was completed as part of the widening project.

Recently, it was brought to City staff's attention that the price for patterned pavement has increased significantly. The widening project includes 2,845 square yards (SY) of patterned pavement. Originally, patterned pavement was estimated by the design engineer at \$85/SY. The bid price was \$111/SY. The initial City escrow payments covered the bid price, but inflationary costs have now increased patterned pavement costs to \$255/SY. While there is no additional City funding required to install the proposed patterned pavement in the current construction, future replacement of the patterned pavement, at the current price, would be on the order of \$725,000.

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Staff does not believe that the aesthetic benefit of the proposed patterned pavement is worth the potential replacement cost and recommends removal from the project. Staff will present information at the work session regarding the proposed patterned pavement. A copy of Staff's presentation is provided in Attachment 1.

Budget Impact: There is no immediate budget impact associated with the patterned pavement discussion. Budget impacts will be significant as part of any future maintenance or replacement of the roadway feature.

Strategic Impact: This item is related to the Mobility and Transportation Strategic Focus Area.

Recommendation: It is recommended that the City Council provide direction regarding the removal of the proposed patterned pavement elements from the current State Road 426/County Road 419 Phase II Widening Project.

Attachment(s): 1. Patterned Pavement Presentation