

MEMORANDUM

TO: Claire Powell, City Manager

FROM: David Salmon, P.E., City Engineer

VIA: Jim Proce, ICMA-CM, Assistant City Manager

DATE: June 2, 2025

SUBJECT: **Approval of an Amendment to a Professional Services Agreement with LJA Engineering, Inc., in the Amount of \$38,400 for Design Services Related to the King Arthur Boulevard Traffic Calming Project and Authorization for the City Manager, or Her Designee, to Execute the Agreement.**

BACKGROUND

In 2021, prior to annexation, sidewalk ramps along King Arthur Blvd were reconstructed by the DCFWSD to meet current American with Disabilities Act requirements. The City of Lewisville Public Services Department inspected the work. In the City's 23/24 budget, \$675,000 was budgeted to design and construct traffic calming improvements for King Arthur Blvd from Old Denton Road to Lady of the Lake Blvd. The original project included adding bike lanes, providing bump outs at intersections, additional signage and limited crosswalks. In December 2024, Staff presented the 60% design plans for the King Arthur Drive Traffic Calming project to neighborhood residents and homeowners. During the meeting, there were comments regarding the need for more crosswalks at intersections along King Arthur Blvd. Following subsequent review of the plans, staff directed the consultant to provide for additional pedestrian crossings on King Arthur Boulevard to be placed at tee intersections resulting in additional pedestrian ramps to support the proposed crossings. The design of these additional ramps and crosswalks is outside the scope of the original Professional Services Agreement.

ANALYSIS

As a result of public input, additional ADA ramps and crosswalks are proposed to be included in the design for King Arthur Drive Traffic Calming. In total, 8 additional crosswalks crossing King Arthur Drive at tee intersections are being added to the project resulting in 24 new and reconfigured ramps. The design of the additional crosswalks and ramps is outside of the original Professional Services Agreement. The original project scope included the addition of crosswalks only at intersections where ramps crossing King Arthur Drive already existed. The proposed scope includes replacing many of the ramps constructed in 2021 by the DCFWSD as they only provide access parallel to King Arthur Drive and do not provide for pedestrian access across King Arthur Drive. The original estimated cost of construction was roughly \$620,000. With the additional crosswalks and ramps, the estimated construction cost is \$850,000. Staff has negotiated the

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proposed amendment to the Professional Services Agreement with LJA Engineering, Inc., in the amount of \$38,400 to include topographic surveys, and the design of additional ADA ramps at 8 additional intersections. Including the original PSA cost of \$49,620, the total design cost of King Arthur Boulevard Traffic Calming Project with the proposed amendment is \$88,020 thus requiring City Council approval. The design cost is within the acceptable range for a project of this size and scope. Funding is available in the King Arthur Drive Traffic Calming capital project.

CITY STAFF’S RECOMMENDATION

That the City Council approve the Agreement as set forth in the caption above and authorize the City Manager, or her designee, to execute the agreement.