City of Bel Aire, Kansas

STAFF REPORT

DATE: May 14, 2025

TO: Ted Henry, City Manager

FROM: Anne Stephens, PE, City Engineer

RE: 2025 Street Maintenance Project, Change Order No. 3



BACKGROUND:

After milling the top 2" of Perryton between Woodlawn and just east of Stratford, several areas of soft spots were uncovered. Additionally, Stratford between Odessa and Perryton has developed soft spots, likely due to heavy traffic (school busses, trash trucks and construction traffic) traversing the milled section, indicating that there was not enough of an underlying base to support the traffic loading.

DISCUSSION:

After APAC milled the top 2" off of Perryton preparing for the mill and overlay, the City was notified of some soft spots at the west end of Perryton and additional soft spots that had formed on Stratford between Odessa and Perryton (these were not present at the time of the Change Order presented to Council on May 6th). Staff was on-site the next morning to observe the soft spots and determined that they were too pervasive on the street to handle with full-depth replacement patches. Additionally, the pavement on Stratford had quite a few alligator cracks and appeared that with continued heavy traffic, would just deteriorate further – i.e. there was not enough of an underlying base or support structure to be able to hold up to the construction traffic, or continued use by school busses, trash trucks and other heavy vehicles. This is the primary reason for the recommendation to reconstruct the entire roadway from curb to curb. The pavement on Perryton – outside of the recommended complete removal areas appeared to be solid and did not have the alligator cracking in it, therefore, it is being recommended to only do a full-dept reconstruction on the areas showing the distress. This pavement will be observed again prior to the Council meeting on May 20th to ensure that no additional damage has occurred requiring addition full-depth replacement.

<u>FINANCIAL CONSIDERATIONS:</u> The funds for this change order will be paid from the Street Improvement line item in the Streets Fund. The City had additional carryover funds from the 2024 streets program that were not utilized.

<u>RECOMENDATION:</u> Staff recommend that the City Council accept Change Order No. 3 for the full-depth replacement on Stratford, between Odessa and Perryton and the full-depth replacement of Perryton as shown on the attached map with the 2025 Street Maintenance Project in the amount of \$120,502.00, bringing the total project costs, including Change Order 3, to \$1,538,273.70.

