



COLLIN COUNTY

Public Works Department
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Date: May 16, 2023
To: Commissioners Court
From: Jon Kleinheksel *JK*
Re: E Stone Rd Reconstruction

E. Stone Rd is a busy, two lane asphalt road on the east side of Wylie. The city has annexed different sections over the years such that the County's maintenance responsibility currently stands at 27% of the road. Due to the volume and nature of the traffic it experiences, E. Stone Rd has deteriorated quickly in recent years prompting many irate calls from area residents. The County and City of Wylie attempted to alleviate the issue by employing a relatively inexpensive and temporary solution consisting of cutout repairs and a "mill and replace" (the pavement) program in 2021 and 2022. However, the benefits from these efforts were brief and transitory.

In 2022, the City of Wylie hired ECS Southwest to perform subsurface exploration, laboratory testing, and geotechnical engineering analyses along Stone Road and E Stone Road. From this, ECS Southwest provided a report to the City of Wylie outlining geotechnical information for the design and reconstruction of the street pavement. Based on this information, Wylie City Council approved the reconstruction of stormwater infrastructure crossings, and the reconstruction of this roadway obtaining a 25-year design life along Stone Road and E Stone Road from W.A. Allen Boulevard to Bennet Road.

Recently, City of Wylie staff contacted Collin County to propose sharing the cost of a reconstruction project with the City of Wylie. The City intends to replace the subgrade and base, perform extensive drainage work and apply an 8" asphalt pavement that will result in a far more durable and safer road. Based on our current maintenance responsibility, the County would pledge to pay \$1,620,000 or 27% of the total project cost, which is estimated to be roughly \$6,000,000.

PW supports and endorses this plan. Given the road's troubled history, this is an opportunity to divest ourselves of the road and relinquish any future maintenance responsibility. Public Works requests Commissioners Court's consideration and approval to join the City of Wylie in co-funding a rehabilitation project for E Stone Rd. Should you require additional information, please contact me and I will respond accordingly.