




COLLIN COUNTY

Public Works Department
700 A. Wilmeth Road
McKinney, Texas 75069
www.collincountytx.gov
972-548-3700 (Phone)
972-548-3754 (Fax)

Date: December 4, 2018
To: Commissioners Court
From: Jon Kleinheksel 
Re: Orr Rd Upgrade

Many times each day, the NTMWD operates heavy trucks carrying material from the Wastewater Treatment Plant on Orr Rd to the Melissa landfill on SH121. Because of the prolonged and frequent use of these heavy trucks, Orr Rd has suffered considerable deterioration of the pavement surface and subgrade.

As a result, discussions ensued between Collin County, Fairview and NTMWD to explore options. The group agreed that complete reconstruction from Stacy Rd to the southern plant entrance would represent the ideal remedy. The new road will be an engineered solution, 24 ft. wide, 2-lane concrete road encompassing a distance of approximately 3,600 ft. with a design life of 30 years. Roughly 1,200 ft. of the road is situated entirely within the city of Fairview with the remainder located in Collin County's maintenance jurisdiction.

Per the attached ILA, the estimated cost of the project is \$1,658,312. NTMWD has committed to pay \$1,500,702 with the County contributing \$120,000 and Fairview contributing \$37,420. Collin County will manage the project and be responsible for inspections during reconstruction. Upon completion, Fairview and Collin County will resume shared maintenance for the new road segment consistent with the respective jurisdictional boundaries.

Given the certainty of constant heavy truck traffic originating from the Wastewater Treatment Plant, PW staff believes this proposal produces the most beneficial and cost effective solution.

Collin County will manage project funding by collecting the required monies from both principals and disburse the funds as appropriate. The County shall finance its share of the project from the department's Road & Bridge account #1010-75001-0001-68-30-0000-637529 and 637532.

Public Works requests Commissioners Court's consideration to approve the ILA authorizing the reconstruction of Orr Rd as outlined above. Should you require additional information, please contact me and I will respond accordingly.