




COLLIN COUNTY

Public Works Department
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Date: January 14, 2020
To: Commissioner's Court
From: Jon Kleinheksel 
Re: 2020 Proposed Road Projects Schedule

The past few years have presented unique challenges for the Road & Bridge division at Public Works. Since the drought ended in 2014, Collin County has received an unprecedented amount of precipitation. This rainfall and the associated storms were detrimental to our road network and caused moderate to extensive damage to numerous roads. From 2015, roads crews responded to 200+ different roads that experienced assorted damage including washed out culverts, bridge erosion and road base failure caused by flooding. The repercussions have been significant to the department's long range plans. PW staff have been forced to defer road projects and city work to focus on addressing storm related road repairs.

Despite this, PW staff has compiled a comprehensive record of anticipated reconstruction projects for 2020 as well as all remaining asphalt upgrade projects to apprise Commissioners' Court of planned activities. The attached documents group the projects into two major categories:

- Asphalt Upgrade (Rock/Dirt to Asphalt)
- Road Reconstruction (Full Depth Reclamation)

Road upgrade and reconstruction projects will receive a 2 course chip seal pavement surface. This decision was based on accumulated data which asserts a substantial cost and time savings compared to HMAC pavement operations. In addition, Public Works will continue to research industry surface treatments designed to prolong the life cycle of asphalt roads and enhance the visual aesthetics of the recently paved road with a uniform blacktop finish.

Public Works' primary goal consists of completing all projects outlined in the attachments. Given the unpredictable nature of weather and shifting priorities, PW staff may be required to recalibrate and deploy resources accordingly which could affect project schedules.

Should you require additional information, please contact me and I will respond accordingly.