




COLLIN COUNTY

Public Works Department
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Date: October 10, 2016
To: Commissioners Court
From: Jon Kleinheksel 
Re: CR 465 Asphalt Upgrade Project

County Road 465 is one of several roads scheduled to be upgraded in FY2017. Road & Bridge staff have identified a serious drainage issue which must be addressed concurrent with the project construction. The drainage issue stems from a tributary of Sister Grove Creek which flows in a southeasterly direction under CR465 and past the home of Janet McCormack. Unprecedented rainfall has overwhelmed the culvert causing rainwater to pool and erode the edges and surface of the road. Without prompt action, the integrity of the road at this location will be compromised due to the volume of water that drains to this area.

Public Works proposes to resolve the drainage issue in four steps:

1. Replace the culvert with a longer and higher capacity culvert
2. Regrade and add lateral support to the creek banks and road
3. Install rip rap to alleviate erosion
4. Remove debris from the creek bed on the south side to promote proper drainage

The scope of work will require PW crews to operate on private property in order to complete the work outlined above. PW staff believes that constructing an improved drainage feature will protect and preserve the upgraded road and therefore justifies the temporary work on private property. The access required is 200 feet to the south, 100 feet to the east and to the west of the culvert on her property.

Public Works requests Commissioners Court's consideration and approval to correct the rainwater channel west of Janet McCormack's home on CR 465. Should you require additional information, please contact me and I will respond accordingly.