



COLLIN COUNTY

Public Works Department
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Date: January 8, 2013
To: Judge Self and Commissioner's Court
From: Jon Kleinheksel, Director of Public Works *K*
Re: CR559 Bridge Repair IFB 2013-063

After discovering deterioration of the support structure under the north end of Sister Grove Bridge last year, PW informed Commissioners' Court of the issue which in turn, approved our request to conduct an engineering study. PW contracted the civil engineering firm, Binkley & Barfield, which performed an analysis of the site in September. B&B determined that the north approach slab and abutment wall had suffered significant erosion and drought related degradation over time.

A restoration plan was then developed identifying the steps necessary to recondition and stabilize the affected region. In addition, B&B provided a detailed detour and safety plan to manage traffic and protect the citizenry.

The type of work anticipated is beyond the means of Public Works to accommodate due to the specialized nature of the equipment and training involved. Because of this, PW prefers to secure the services of a qualified construction firm with substantial experience in the arena of bridge repair. B&B expects the project to be completed within 10 days barring weather complications and has estimated the cost at approximately \$21,000. Public Works has funds budgeted in Road Maintenance account #010-7501-680.7532 to facilitate the necessary repairs.

Public Works will diligently coordinate with B&B and the construction contractor to expeditiously perform repairs and mitigate any inconvenience to drivers while ensuring their safety and the integrity of the structure.

Public Works requests Commissioners' Court consideration and approval to Advertise for Bids – IFB 2013-063 for CR559 bridge approach slab repair. If you have any questions, please do not hesitate to contact me and I will respond accordingly.